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Date: May 30, 2008
Refer To: EP2008-0192

James P. Bearzi, Bureau Chief
Hazardous Waste Bureau
New Mexico Environment Department
2905 Rodeo Park Drive East, Building 1
Santa Fe, NM 87505-6303

RECEIVED
MAY 2008
NMED Hazardous Waste Bureau

Subject: Submittal of the 2008 Interim Facility-Wide Groundwater Monitoring Plan

Dear Mr. Bearzi:

Enclosed please find two hard copies with electronic files of the 2008 Interim Facility-Wide Groundwater Monitoring Plan. This document is the second annual revision to the initial plan submitted to the New Mexico Environment Department (NMED) in July 2006. The monitoring plan becomes effective after NMED's approval. To arrange field logistics appropriately, we are planning on implementing the monitoring approach presented herein effective July 2008. We welcome early communications on any issues NMED may have with the submitted plan.

If you have questions, please contact Tim Goering at (505) 665-0996 (goering@lanl.gov) or Mat Johansen at (505) 665-5046 (mjohansen@doeal.gov).

Sincerely,

Susan G. Stiger, Associate Director
Environmental Programs
Los Alamos National Laboratory

Sincerely,

Matt Johansen for

David R. Gregory, Project Director
Environmental Operations
Los Alamos Site Office

SS/DG/PH/TG:sm

Enclosures: 1) Two hard copies with electronic files - 2008 Interim Facility-Wide Groundwater Monitoring Plan (EP2008-0192)

Cy: (w/enc.)
Neil Weber, San Ildefonso Pueblo
Tim Goering, EP-LWSP, MS M992 (4 additional copies)
RPF, MS M707 (with two CDs)
Public Reading Room, MS M992

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LA-UR-08-3273
May 2008
EP2008-0192

2008 Interim Facility-Wide Groundwater Monitoring Plan

Los Alamos
NATIONAL LABORATORY
EST. 1943

Prepared by the Environmental Programs Directorate

Los Alamos National Laboratory, operated by Los Alamos National Security, LLC, for the U.S. Department of Energy under Contract No. DE-AC52-06NA25396, has prepared this document pursuant to the Compliance Order on Consent, signed March 1, 2005. The Compliance Order on Consent contains requirements for the investigation and cleanup, including corrective action, of contamination at Los Alamos National Laboratory. The U.S. government has rights to use, reproduce, and distribute this document. The public may copy and use this document without charge, provided that this notice and any statement of authorship are reproduced on all copies.

LA-UR-08-3273
May 2008
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2008 Interim Facility-Wide Groundwater Monitoring Plan

May 2008

Responsible project leader:

Tim Goering		Project Leader	Environmental Programs	5/27/08
Printed Name	Signature	Title	Organization	Date

Responsible LANS representative:

Susan G. Stiger		Associate Director	Environmental Programs	5/28/08
Printed Name	Signature	Title	Organization	Date

Responsible DOE representative:

David R. Gregory		Project Director	DOE-LASO	5-28-08
Printed Name	Signature	Title	Organization	Date

EXECUTIVE SUMMARY

This "Interim Facility-Wide Groundwater Monitoring Plan" (hereafter, the Interim Plan) fulfills a requirement of the March 1, 2005, Compliance Order on Consent (hereafter, the Consent Order). Los Alamos National Laboratory (the Laboratory) will collect and analyze groundwater and surface water samples at specific locations and for specific constituents to fulfill the requirements of the Consent Order. Groundwater-level data will also be collected because they are critical to understanding groundwater occurrence and movement. Four modes of water will be monitored: base flow (persistent surface water), alluvial groundwater, intermediate-perched groundwater, and regional aquifer groundwater.

The monitoring conducted under this plan is being used to enhance the general understanding of the groundwater within and beneath the Laboratory. These data are being used for characterization purposes to support corrective measures work being conducted at numerous sites around the Laboratory and to support ongoing operations. The monitoring is conducted both within and outside of current Laboratory boundaries. Monitoring within current Laboratory boundaries takes place in seven major watersheds: Los Alamos Canyon/Pueblo Canyon, Sandia Canyon, Mortandad Canyon, Pajarito Canyon, Water Canyon/Cañon de Valle, Ancho/Chaquehui/Frijoles Canyons, and White Rock Canyon. Monitoring outside the Laboratory boundaries is conducted in areas (1) where Laboratory operations have been conducted in the past (e.g., Guaje Canyon and Rendija Canyon) and (2) that historically have not been affected by Laboratory operations. To ensure that water leaving the Laboratory does not pose an unacceptable risk to human and ecological receptors, this plan also includes monitoring in areas downgradient of the Laboratory and outside Laboratory boundaries (e.g., the Rio Grande and springs in White Rock Canyon).

Monitoring locations derive from Table XII-5 of the Consent Order and represent changes made in the previous and current versions of the Interim Plan. The locations, analytical suites, and frequency of monitoring reflect each watershed's technical and regulatory status. Wells that may not have representative data due to the effects of residual drilling fluids may be monitored for a limited suite of "indicator" constituents that allow for tracking of the geochemical conditions over time.

Monitoring data are published in periodic monitoring reports submitted quarterly to the New Mexico Environment Department.

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Acronyms and Abbreviations

AK	acceptable knowledge
AOC	area of concern
BCG	Biota Concentration Guide (DOE)
bgs	below ground surface
CdV	Cañon de Valle
cfs	cubic feet per second
CH	core hole
CMI	corrective measures implementation
CMS	corrective measures study
Consent Order	Compliance Order on Consent
CRQL	contract-required quantitation limit
CVAA	cold vapor atomic absorption
DCG	Derived Concentration Guidelines (DOE)
DDT	dichlorodiphenyltrichloroethane
DO	dissolved oxygen
DOE	Department of Energy (U.S.)
DOT	Department of Transportation (U.S.)
DP	Delta Prime
DNX	hexahydro-1,3-dinitroso-1,3,5-triazine
DQO	data-quality objective
DRO	diesel range organic
EC	electroconductivity
ECR	Environmental Characterization and Remediation Group
EES	Earth and Environmental Sciences Division
ENV	Environmental Stewardship Division
EPA	Environmental Protection Agency (U.S.)
ER	Environmental Restoration Project
FFCA	Federal Facility Corrective Action
FD	frequency of detection
FY	fiscal year
GC ECD	gas chromatography with electron-capture detection
GCMS	gas chromatography mass spectrometry
GRO	gasoline range organic

HE	high explosives
HPLC/TS/MS	high pressure liquid chromatography/total solids/mass spectrometry
HMX	octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine
HWP	Hydrogeologic Workplan
ICPES	inductively coupled emission spectrometry
ICPMS	inductively coupled mass spectrometry
IDL	instrument detection limit
IDW	investigation-derived waste
Interim Plan	Interim Facility-Wide Groundwater Monitoring Plan
LANL	Los Alamos National Laboratory
LANSCE	Los Alamos Neutron Science Center
LASO	Los Alamos Site Office
LCMS/MS	liquid chromatography-mass spectroscopy/mass spectroscopy
LC/TS-MS	liquid chromatography/total solids–mass spectrometry
LIR	Laboratory implementation requirement
LLE	low-level electrolytic enrichment
LSC	liquid scintillation counting
MCIR	Mortandad Canyon Investigation Report
MCL	maximum contaminant level
MDA	material disposal area
MDL	method detection limit
Model SOW	National Nuclear Security Administration Service Center Analytical Management Program's Model Statement of Work
MNA	monitored natural attenuation
MNX	hexahydro-1-nitroso-3,5-dinitro-1,3,5-triazine
NIST	National Institute of Standards and Technology
NMAC	New Mexico Administrative Code
NMED	New Mexico Environment Department
NNSA	National Nuclear Security Administration
NOI	Notice of Intent to Discharge
NPDES	National Pollutant Discharge Elimination System
NTU	nephelometric turbidity unit
ORP	oxygen-reduction potential
OU	operable unit

PCB	polychlorinated biphenyl
PETN	pentaerythritol tetranitrate
PMR	periodic monitoring report
PPE	personal protective equipment
QA	quality assurance
QC	quality control
QP	quality procedure
R&R	reliable and representative
RCRA	Resource Conservation and Recovery Act
redox	oxidation reduction
RDX	hexahydro-1,3,5,trinitro-1,3,5-triazine
RFI	RCRA facility investigation
RLWTF	Radioactive Liquid Waste Treatment Facility
RPF	Records Processing Facility
SC	specific conductance
SMCL	secondary maximum contaminant level
SOP	standard operating procedure
SOW	statement of work
SR	sampling round
SVOC	semivolatile organic compound
SWMU	solid waste management unit
SWRC	Solid Waste Regulatory Compliance
SWSC	Sanitary Wastewater Systems Consolidation
SWWS	Sanitary Wastewater Systems Plant
TA	technical area
TAL	target analyte list (EPA)
TATB	triaminotrinitrobenzene
TDS	total dissolved solids
TIC	tentatively identified compound
TKN	total Kjeldahl nitrogen
TNT	2,4,6 trinitrotoluene (dynamite)
TNX	hexahydro-1,3,5-trinitroso-1,3,5-triazine
TOC	total organic carbon
TOCP	tris(o-cresyl)phosphate

TSS	total suspended solids
TW	test well
USGS	U.S. Geological Survey
USFS	U.S. Forest Service
UTL	upper threshold limit
VOC	volatile organic compound
WCSF	waste stream characterization form
WQDB	Water Quality Database
WQH	Water Quality and Hydrology Group
WQCC	Water Quality Control Commission
WSAR	Well Screen Analysis Report
WWTP	waste water treatment plant

1.0 INTRODUCTION

This is the third annual submittal of the Interim Facility-Wide Groundwater Monitoring Plan (hereafter, the Interim Plan) for Los Alamos National Laboratory (LANL or the Laboratory). The Interim Plan fulfills the groundwater monitoring requirement IV.A.3.b of the March 1, 2005, Compliance Order on Consent (hereafter, the Consent Order). Information on radioactive materials and radionuclides, including the results of sampling and analysis of radioactive constituents, is voluntarily provided to the New Mexico Environment Department (NMED) in accordance with U.S. Department of Energy (DOE) policy.

Groundwater monitoring has been conducted at the Laboratory for over 50 yr, starting with U.S. Geological Survey (USGS) water-supply studies in 1945 and Laboratory groundwater quality monitoring in 1949. The first groundwater-monitoring network consisted of water-supply wells, several observation wells, and springs. The monitoring network continued to evolve through the years as various environmental programs installed additional wells, primarily in the shallow alluvial systems, as potential monitoring points.

Between 1997 and 2005, the Laboratory implemented a sitewide hydrogeologic characterization program, described in the Laboratory's "Hydrogeologic Workplan" (HWP) (LANL 1998, 059599). The primary objective of this characterization was to sufficiently refine the understanding of the area's hydrogeologic systems and to improve the ability to design and implement an integrated sitewide groundwater monitoring plan.

This plan is organized in nine sections, including this introduction, with multiple supporting appendixes. Sections 2 through 8 describe the monitoring and site activities conducted in seven major watersheds or watershed groupings—Los Alamos Canyon/Pueblo Canyon, Sandia Canyon, Mortandad Canyon, Pajarito Canyon, Water Canyon/Cañon de Valle, the combined watersheds of Ancho/Chaquehui/Frijoles Canyons and White Rock Canyon. Section 9 includes a list of references cited in this report.

Appendix A presents the conceptual models of the seven watersheds. Appendix B presents screening data collected in the seven watersheds. The methods and procedures used to conduct monitoring and the management of investigation-derived waste (IDW) are discussed in Appendix C. Appendix D presents supplemental information, Appendix E describes the quality assurance/quality control (QA/QC) review of data collected in 2007, and Appendix F evaluates the residual effects of drilling in the monitoring network wells.

1.1 Purpose

The Interim Plan will monitor to

- determine the presence and fate and transport of known legacy-waste contaminants,
- determine efficacies of remedies, and
- validate proposed corrective measures.

These objectives collectively assist the Laboratory in determining any potential adverse impacts to the regional aquifer that would affect the use of the aquifer as a drinking-water source.

In addition, monitoring produces data required to evaluate risk and to assess regulatory compliance. Although the Interim Plan does not specifically address how the data collected will be used in those evaluations, the design of the monitoring network is based on conceptual models of potential sources, hydrogeologic pathways, and receptors. The data collected are intended to be useful in all reporting requirements under the Consent Order.

The primary changes in this version of the Interim Plan are updates to monitoring in each watershed, including changes in monitoring frequency, analytical suites, and monitoring locations. These changes are based on

- analyses of contaminant frequencies of detection (FDs) in each water body or aquifer on a watershed-by-watershed basis (Appendix B);
- conceptual models in watershed investigation reports, including recent updates to these models presented in the five monitoring well network evaluations conducted in 2006 and 2007;
- reviews of existing data and data trends for individual watersheds;
- changes to the monitoring well network in each watershed over time, including the addition of new monitoring wells, the rehabilitation of wells impacted by drilling fluids, and the plugging and abandoning of older wells; and
- the results of the recently completed geochemical evaluation of monitoring wells for the residual effects of drilling (Appendix F).

Additional changes to the 2008 Interim Plan include an update to the management of IDW to include land application (Appendix C) and an update of the geochemical evaluations of monitoring wells for the residual effects of drilling (Appendix F), which has been used to adjust the analytical suites assigned to the wells.

1.2 Scope

This plan describes the objective for monitoring, the locations of sampling stations, the frequency of sampling, the measurements taken at each location, and the analyses included in the groundwater-monitoring plan. Four modes of water are monitored:

- Base flow—persistent surface water that is maintained by precipitation, snowmelt, effluent, and other sources
- Alluvial groundwater—water within the alluvium in the bottom of the canyons
- Intermediate-perched groundwater—localized saturated zones within the unsaturated zone
- Regional groundwater—deep, laterally continuous groundwater beneath the Pajarito Plateau

Groundwater will be routinely monitored by collecting samples at wells and springs and by analyzing for specific constituents. Groundwater monitoring refers to gathering data not only for water-quality analysis but also water-level measurements. Water-level data are critical to understanding groundwater occurrence, movement, and groundwater's relationship with recharge and municipal pumping.

Surface water at the Laboratory is divided into three types. Each of the three flow types might be collected at a single location within a time span of as little as a week, depending on weather conditions. At times, the flow might represent a combination of these components. The three types are as follows.

- Base flow—persistent, but not necessarily perennial, stream flow. This stream flow is present for periods of weeks or longer. The water source may be effluent, springs, or shallow groundwater in canyons.

- Snowmelt—flowing water that is present because of melting snow. This type of water often may be present for several weeks or more (persistent) but in some years may not be present at all.
- Storm runoff—flowing water that is present in response to rainfall. These flow events are generally short lived, with flows lasting from less than an hour to several days.

Storm runoff and snowmelt will be monitored by the Laboratory under the auspices of the 2005 Federal Facility Compliance Agreement ([FFCA] Administrative Order Docket No. CWA-06-2005-1701) entered into between U.S. Environmental Protection Agency (EPA) and DOE on February 3, 2005, and the Administrative Order (Docket No. CWA-06-2005-1734) entered into between EPA and the University of California on March 14, 2005, and will not be monitored as part of the Interim Plan. Base flow (persistent water) and in some cases persistent flow derived from snowmelt will be monitored under the Interim Plan.

Monitoring under the Interim Plan will take place in seven major watersheds or watershed groupings and White Rock Canyon. These are Los Alamos Canyon/Pueblo Canyon, Sandia Canyon, Mortandad Canyon, Pajarito Canyon, Water Canyon/Cañon de Valle, and the combined watersheds of Ancho/Chaquehui/Frijoles Canyons. Monitoring outside the boundaries is conducted in areas that have been affected by past Laboratory operations (e.g., Guaje and Rendija Canyons) or that have not been affected by Laboratory operations to collect baseline data. To ensure that water leaving the Laboratory boundaries does not pose an unacceptable risk, this plan also includes monitoring in areas off-site that have the potential to be impacted by the Laboratory (e.g., the Rio Grande and springs in White Rock Canyon). Figure 1.2-1 shows the areas included in this Interim Plan.

1.3 Reporting

The data collected under this Interim Plan are submitted to NMED in periodic monitoring reports (PMRs) in accordance with Section IV.A.6 of the Consent Order and per subsequent agreements with NMED on frequency of reporting (LANL 2007, 096665). The data in reports submitted to NMED are posted to a database and then to an external website (http://wqdbworld.lanl.gov/) as the data are delivered from the analytical laboratory. Data not validated before posting are marked as "provisional" until validation is completed.

Periodic monitoring reports presenting groundwater and base-flow data are submitted to the NMED on a quarterly basis. Each PMR includes all available watershed monitoring data (along with the previous three rounds of data) in a format consistent with the approved PMR format.

1.4 Regulatory Context

This Interim Plan fulfills groundwater monitoring requirements of the Consent Order as described in the introduction. In addition to the Consent Order, the Laboratory is required to perform groundwater monitoring to satisfy other regulatory requirements. These other requirements are summarized below, including references to documentation of monitoring results. This Interim Plan does not include the activities needed to satisfy these other requirements (unless these other requirements can be satisfied by monitoring performed under the Interim Plan). As described in section 1.6, the Laboratory has an integrated approach to groundwater monitoring. Therefore, activities needed to satisfy these other requirements may be conducted in conjunction with monitoring performed under the Interim Plan.

1.4.1 New Mexico Water Quality Control Commission Regulations

A 20.6.2. New Mexico Administrative Code (NMAC) Groundwater Discharge Permit currently exists at the Laboratory for the Technical Area 46 (TA-46) Sanitary Wastewater Systems (SWWS) Plant (plan number DP-857). An application has been submitted for a second permit for the TA-50 Radioactive Liquid Waste Treatment Facility (RLWTF). Groundwater monitoring is performed at wells located in Cañada del Buey and Mortandad Canyon under the NMED-approved plan (DP-857) and in support of the application (DP-1132), respectively. This monitoring began in 1992 under DP-857 and is expected to continue indefinitely with appropriate modification made as discharge conditions change over time (e.g., monitoring may be moved to Sandia Canyon since the TA-46 SWWS Plant has never discharged into Cañada del Buey). Quarterly reports of monitoring results are submitted to the NMED Groundwater Bureau for both the current (DP-857) and the pending (DP-1132) plans.

1.4.2 DOE Environmental Protection Programs

Groundwater monitoring has been conducted in compliance with DOE orders related to environmental protection. DOE Order 450.1 requires an environmental management system at DOE facilities to include surveillance groundwater monitoring and reporting. Surveillance monitoring has been performed at the Laboratory since the 1970s under previous orders, and the results are documented in annual reports. Currently, the Laboratory conducts groundwater-surveillance monitoring from wells located within the Laboratory boundaries and at off-site locations. These wells include alluvial, intermediate-perched, and regional aquifer wells. Some of the off-site monitoring is performed under an agreement with Los Alamos County, which owns and operates water-supply wells within and near the Laboratory. Additional monitoring is performed under cooperative agreements with the San Ildefonso Pueblo and the City of Santa Fe. Results of surveillance monitoring are reported in annual environmental surveillance reports and are included in the calculation of radionuclide dose exposures found in those reports. These reports contain descriptions of the surveillance monitoring network, key results and trends, and QA.

1.4.3 Hazardous Waste Facility Permit

Several of the waste management units at the Laboratory are regulated units under the Resource Conservation and Recovery Act (RCRA) and are subject to groundwater monitoring requirements under 40 Code of Federal Regulations 264 Subpart F, as administered through the Laboratory's Hazardous Waste Facility Permit. These requirements will be met through implementation of the groundwater-monitoring requirements of the Consent Order, including implementation of the Interim Plan.

Formerly, groundwater monitoring and sampling requirements were contained in Module VIII of the Laboratory's Hazardous Waste Facility Permit, which EPA issued and revised in 1994. Section C.1 of Module VIII required the Laboratory to install a total of 14 alluvial wells in Pueblo, Los Alamos, Sandia, Mortandad, Potrillo, Fence, and Water Canyons to determine the extent of downgradient saturation and contamination. In addition, Section C.2 of Module VIII required the Laboratory to continue the groundwater monitoring being conducted by the Environmental Surveillance Program to demonstrate protection of the regional aquifer. The investigation requirements of Module VIII required the Laboratory to conduct a program to characterize the hydrogeologic conditions at the Laboratory (Task III.A.1) and to conduct a groundwater investigation to characterize any plumes of contamination (Task III.C.1). In response to these investigation requirements, the Laboratory developed the HWP, which was approved by NMED. Under the HWP, the Laboratory installed regional wells and conducted four rounds of sampling following construction of new wells (LANL 1998, 059599). Results of this sampling were reported in separate geochemistry reports for each well, in quarterly data reports submitted to NMED as previously required by Module VIII, and in the "Los Alamos National Laboratory's Hydrogeologic Studies of the Pajarito Plateau: A Synthesis of Hydrogeologic Workplan Activities (1998–2004)" (Collins et al. 2005, 092028).

Groundwater sampling was also conducted as part of several NMED-approved investigation work plans prepared under Module VIII. Alluvial groundwater sampling was conducted under the NMED-approved work plan addendum for the investigation of Los Alamos and Pueblo Canyons (LANL 2002, 070235). Sampling results were included in the “Los Alamos and Pueblo Canyons Investigation Report” (LANL 2004, 087390), submitted to NMED in April 2004. In addition, groundwater sampling has been conducted as part of the NMED-approved investigation of Solid Waste Management Unit (SWMU) 16-021(c) (the 260 Outfall), with results reported in the investigation reports for that SWMU (LANL 1998, 059891; LANL 2003, 077965). The groundwater monitoring requirements of Module VIII have now been superseded and replaced by the requirements of the Consent Order.

1.5 Approach to Monitoring Network Design

In addition to Consent Order requirements, the Interim Plan used EPA guidance provided in “Guidance for Monitoring at Hazardous Waste Sites: Framework for Monitoring Plan Development and Implementation” (EPA 2004, 088486). This guidance outlines a six-step process that covers planning, implementation, and completion of monitoring activities. However, the guidance is for monitoring at sites where remedial action is occurring or has been implemented and is therefore somewhat premature for the status of the corrective action program at the Laboratory. The Interim Plan generally follows the first four steps that cover development and design. The first three steps involve defining the objective, developing the hypothesis, and formulating the decision rules for the monitoring. The fourth step focuses on designing the monitoring network. The Consent Order calls for the monitoring network to be developed from those locations presented in Table XII.5. Monitoring frequency and determination of analytical suites are presented below.

The interim nature of this work plan reflects an evolving monitoring network. The network has undergone area-specific evaluations pursuant to requirements included in an April 5, 2007, letter from NMED that directs the evaluations (NMED 2007, 095999). Each evaluation provides for the addition of new wells as they are constructed; removal of old wells as they are abandoned; and optimization of monitoring locations, frequencies, and analytes based on results of earlier evaluations.

General descriptions of the watershed are presented for each watershed in Appendix A. These descriptions summarize the conceptual model for each watershed and provide the basis for the monitoring strategy in each watershed.

As Figure 1.5-1 shows, watershed monitoring on the Pajarito Plateau has been grouped into four categories.

- Interim monitoring in watersheds that have not undergone investigation activities under the Canyons investigation process described in Section IV.B of the Consent Order. Monitoring objectives are to collect data to identify and track contaminants and to develop a preliminary conceptual model for the watershed.
- Watersheds that are currently being investigated under the Canyons investigation process. Monitoring objectives are to determine the extent of contamination and to develop a detailed conceptual model of the watershed.
- Watersheds for which the Canyons investigations process has been completed and which are undergoing post-investigation interim monitoring. Monitoring objectives include tracking contaminant fate and transport and refining the conceptual model of the watershed in support of pending corrective measures evaluation decision points.

- Long-term monitoring to evaluate the performance of corrective measures and the long-term trends of contaminants and their movement in groundwater.

Recommendations for the analytical suites for each watershed and locations within the watershed were determined by evaluating past Laboratory operations, investigation-derived information, and monitoring results. For this version of the Interim Plan, updates to monitoring are made for all watersheds based on the adequacy of data to support modifications to suite and frequency. Data from 2002 to 2007 were screened for comparison to half the lowest applicable standard (see Table 1.7-1). This period of record was selected for this version of the plan to provide a sufficiently robust data set to evaluate FD and time-series trends, if applicable. The analytical data screening results are included on a CD and in Appendix B.

The results of the geochemical trending presented in Appendix F are also used in this version of the plan to guide the selection of monitoring suites with regards to overall well performance for the specific monitoring objectives within the overall network. For example, if a well is showing indications that some or all data might not be adequately representative (due to the effects of drilling fluids), the well is placed on an “indicator” monitoring suite. The indicator suite is a limited screening suite of key constituents that can be used to trend geochemical performance of a well. This information is discussed further in section 1.9 of this Interim Plan.

The majority of monitoring wells sampled in accordance with the Interim Plan are equipped with pressure transducers to measure water levels and to aid in understanding the hydrologic system. Pressure transducers are typically set to record on an hourly basis. Water-level monitoring is discussed in more detail in section 1.10 and in the 2008 groundwater level monitoring plan (LANL 2008, 100580).

1.6 Integration of Groundwater Monitoring at the Laboratory

All groundwater monitoring is conducted as an integrated activity that uses the same operating procedures, analytical contracts, and data-management systems. All Laboratory groundwater data can be accessed on the web (http://wqdbworld.lanl.gov/).

The Interim Plan will be updated annually to incorporate new information collected within a watershed. Locations, analytes, and sampling frequencies will be evaluated and updated appropriately to ensure adequate monitoring. Information gained through characterization efforts, aquifer test results, network assessments, and water-quality data will be used to refine the monitoring for each watershed as appropriate. In addition, the need for sampling of analytes that had previously been eliminated from sampling in various watersheds will be reevaluated during the development of the annual updates to the Interim Plan.

1.7 Data-Review Process

This section describes the process for screening the monitoring data. The purpose of the screening is to determine the distribution of constituents that guide the choice of analytes to monitor and the frequency of monitoring in each of the watersheds and that are updated in this Interim Plan.

1.7.1 Data Review, Analytical Methods, and Field Methods

The results of the screening for all watersheds are used to update the monitoring for each watershed. The results of the data-review process and statistical summaries are presented in Appendix B. The analytical methods used for each analyte are listed in section C-4.0 of Appendix C. Appendix C also includes a summary of the procedures followed for measuring water levels and collecting water samples (sections C-1.0 and C-2.0) as well as a section on the management of IDW.

The data-review process consists of compiling the water-quality data set, determining detection status, screening the data against applicable standards, and producing summary statistics to identify constituents of potential concern in each watershed. Water-quality data summary statistics for each water type and constituent group (metals, general inorganics, and organics) are included in Appendix B for all watersheds.

Table 1.7-1 presents the regulatory standards for the various water sample types by screening category. The data results were screened against the lowest applicable regulatory standard or risk-based value in Tables B-1 through B-7 of Appendix B. The standards apply to data depending on the type of field preparation conducted during collection (filtered or unfiltered) and the mode of the water, groundwater, or persistent surface water. For example, the standard for mercury in surface water applies to total mercury. Each combination of water mode/field preparation is referred to as a screening category. The standards for filtered samples are those applicable to the dissolved contaminant fraction, and standards for unfiltered samples are those applicable to the total contaminant. The terms “nonfiltered” and “unfiltered” are used interchangeably in this document.

For screening purposes, QC samples, including laboratory blanks, spikes, and replicates, were removed. The detection status for an analytical result was established using the combined set of laboratory-assigned validation qualifiers and reason codes assigned during data validation.

The screening tables (Tables B-1 through B-7) presented in Appendix B and on the enclosed CD were used to identify constituents of potential concern and to optimize the monitoring strategy for each watershed. Groundwater and base-flow data from 2002 to 2007 are screened against one-half the lowest applicable regulatory standards (presented in Table 1.7-1), and against background values, where available. The screening tables are organized by contaminant type in each water type (e.g., spring, perennial base flow, regional aquifer, etc.) within each watershed.

The screening tables include summary information such as the total number of samples collected for each analyte; the percentage of detections and nondetects; the minimum, mean, and maximum values for detections of each analyte; and comparisons to background values (if available) and to regulatory standards. The tables also list sampling locations where the lowest applicable regulatory standards are exceeded in each watershed. Additional details regarding the screening tables are presented in the introduction to Appendix B.

For chemical analysis of water samples, the Laboratory uses commonly accepted analytical methods that are called for under federal regulations (such as the Clean Water Act) and that are approved by EPA (Appendix C). Analytical methods and method detection limits are provided in Appendix C, section C-4.0. The Laboratory is responsible for acquiring analytical services that support monitoring activities. The analytical laboratory statement of work (SOW) follows the current National Nuclear Security Administration Service Center’s Analytical Management Program’s Model Statement of Work (Model SOW) for analytical services. The SOW provides contract laboratories the general QA guidelines specified in the Model SOW and also includes specific requirements and guidelines for analyzing surface water, groundwater, and sediment samples.

Field methods follow procedures equal to (or equivalent to) those listed in sections C-1.0 and C-2.0 in Appendix C. All the procedures are available on the Laboratory’s website (http://www.lanl.gov/environment/all/qa.shtml). Field procedures follow guidelines from USGS water sample collection methods and industrial standards common to environmental sample collection and field measurements.

1.8 Sampling Frequency and Schedule

The Interim Plan proposes monitoring frequencies for each watershed as described in the summary tables for each watershed. Following NMED approval of this Interim Plan, a sampling schedule for each watershed will be established to ensure fulfillment of the monitoring frequency during the implementation year of the plan. The implementation year of this Interim Plan runs from July 2008 through June 2009.

Sampling in each watershed will occur within a 21-d time frame, and groundwater levels will be measured using automated pressure transducers installed in each sampled well.

1.9 Indicator Monitoring

Some intermediate-perched and regional groundwater monitoring wells in the monitoring network have screened intervals within aquifer zones that are affected by residual drilling fluids used during initial drilling operations. These wells have varying utility in the monitoring network and have now been assessed as part of a series of area-specific (e.g., TA-54, Mortandad Canyon) monitoring well network evaluations pursuant to requirements in NMED's letter dated April 5, 2007 (NMED 2007, 095999). These network evaluations provide a framework for guiding specific analyte suites that are, in part, tailored to the objectives for monitoring in a specific area. These suites consist of indicator constituents (e.g., major anions and cations [including metals], total organic carbon, and [as needed] sulfide, ammonia, total Kjeldahl nitrogen, and perchlorate). These constituents provide a basis for tracking trends in performance.

1.10 Water-Level Monitoring

To address the requirement of Section IX.B.2.h.i of the Consent Order to measure groundwater levels in all wells in a given watershed within 24 h, automated pressure transducers are installed in all sampled wells. These data are available for any 24-h period and, therefore, meet the requirement for these measurements to be completed across all watersheds within 14 d of the commencement of the specified water-level measuring event as required by the Consent Order. The Laboratory's standard operating procedure (SOP) for using transducers requires field verification of the transducer data with periodic manual measurements (see Appendix C for details). The field verification will be conducted in accordance with this SOP.

The water level monitoring program is updated annually in the 2008 groundwater level monitoring plan (LANL 2008, 100580), and the water-level monitoring results are published in the annual groundwater level status report (Allen and Koch 2008, 101613). This report presents time-series hydrographs of groundwater level data along with pertinent construction and location information for each well. In fiscal year (FY) 2007, groundwater levels were monitored in 166 monitoring wells, including 45 regional aquifer wells, 25 intermediate aquifer wells, 96 alluvial aquifer wells, and 11 water supply wells (Allen and Koch 2008, 101613).

2.0 LOS ALAMOS WATERSHED

2.1 Introduction

The Los Alamos Canyon/Pueblo Canyon watershed is located at the northern end of the Laboratory (Figure 1.2-1). The watershed heads on U.S. Forest Service (USFS) land in the Sierra de los Valles to the west and northwest of the Laboratory. The highest point in the watershed is at the summit of Pajarito Mountain at an elevation of 3182 m (10,441 ft). The watershed extends eastward from the headwaters across the Pajarito Plateau for about 30.4 km (18.9 mi) to its confluence with the Rio Grande at an elevation of 1678 m (5504 ft).

2.2 Background

The Los Alamos Canyon/Pueblo Canyon watershed encompasses approximately 57 mi^2. It includes Los Alamos, Pueblo, Delta Prime (DP), and Acid Canyons. Bayo, Guaje, Rendija, and Barrancas Canyons (collectively known as the North Canyons) are smaller tributary canyons in the watershed. The watershed contains numerous springs, perennial and ephemeral stream segments, and alluvial groundwater. Portions of Los Alamos townsite, Los Alamos County, Santa Fe County, and San Ildefonso Pueblo tribal lands are located within the Los Alamos Canyon/Pueblo Canyon watershed. Laboratory operations have been associated with the release of treated and untreated effluent into the watershed since the establishment of the Laboratory in the 1940s up to the present. Runoff from SWMUs and areas of concern (AOCs) at former and current TA-00, TA-01, TA-02, TA-03, TA-19, TA-21, TA-31, TA-41, TA-43, TA-53, TA-72, and TA-73 have contributed to contaminant releases within the watershed. Metals, perchlorate, nitrates, hydrocarbons, and radionuclides have been detected in groundwater within the watershed. DP Canyon joins Los Alamos Canyon east of TA-21. TA-02, TA-41, and TA-43 are located within Los Alamos Canyon south of the Los Alamos townsite. TA-21, TA-73, and former TA-01 are located on the mesa north of Los Alamos Canyon. TA-62, TA-61, TA-53, and TA-72 are located south of Los Alamos Canyon.

Pueblo Canyon is located on the north side of the Los Alamos townsite and extends from the Jemez Mountains to its confluence with Los Alamos Canyon, approximately 4.5 mi east of the Los Alamos townsite at the intersection of NM 502 and NM 4. TA-72 and TA-73 and former TA-01 and TA-45 are located from west to east along the mesa south of Pueblo Canyon. Acid Canyon joins Pueblo Canyon from the south opposite former TA-45. Documented discharges and releases into the watershed were primarily in the form of contaminated wastewater generated during research and manufacturing operations on the surrounding mesas in the vicinity of the Los Alamos townsite. In addition, discharges and releases of contaminants were documented in Los Alamos Canyon resulting from operations conducted at TA-02 and TA-41. Releases also originate from debris generated during TA-01 demolition activities and deposited on hillsides located above Los Alamos Canyon, opposite the townsite. Laboratory operations that have affected Pueblo Canyon include the release of contaminants to Pueblo Canyon through Acid Canyon from former TA-01 and TA-45. Activities at TA-02, TA-21, TA-41, TA-53, and former TA-01 released contaminants into Los Alamos Canyon and its tributary side canyons (DP Canyon and the undesignated canyon located east of TA-53). Past Laboratory operations released both hazardous constituents and radionuclides.

Bayo, Guaje, Rendija, and Barrancas Canyons are located north of Laboratory land. The only active TA in the canyons is TA-74, a portion of which is located in Bayo and Barrancas Canyons. The approximately 18 SWMUs and AOCs in these drainages are primarily related to mortar impact areas, firing ranges, and releases of treated effluent. Surface-water flow in upper Guaje Canyon is perennial and extends for about 3 mi. In 1996, two shallow test holes were drilled approximately 3 mi east of the perennial flow between the Los Alamos and Guaje faults. Each borehole penetrated saturation from near ground surface to total depth (23 ft and 103 ft below ground surface [bgs], respectively). Regional aquifer water-supply wells in Guaje Canyon were first installed in the early 1950s. In recent years, additional replacement wells were drilled. The depths to water at these wells vary depending on their location. Depth to water in the lower portion of the canyon tends to be shallow (100 to 200 ft bgs), while water levels in the upper portion near the Rendija Canyon confluence have water-table depths ranging from 400 to 500 ft bgs. Surface water flow in Rendija and Barrancas Canyons is ephemeral and normally flows only during the summer monsoon season. Contaminant sources are primarily associated with upper Rendija Canyon. The results of surface-water sampling conducted in these canyons have periodically detected metals, organics, and radionuclides.

The primary Laboratory activities in these canyons have involved water supply: the Guaje reservoir is no longer operable, and the Guaje well field (now operated by Los Alamos County) currently includes five water-supply wells. The wells in this field also extend to lower Rendija Canyon. Rendija Canyon contained a small-arms firing range and several sites used as mortar impact areas. Past Laboratory activities are described in more detail in the “RFI Work Plan for the North Canyons” (LANL 2001, 071060) and the “RFI Work Plan for Operable Unit 1071” (LANL 1992, 007667). TA-10 was used as a firing site from 1943 to 1961 for tests with explosive compounds and radioactive materials. The site included a radiochemistry laboratory. While in operation, the TA-10 sites in Bayo Canyon were investigated for environmental impacts. The site was decontaminated and decommissioned in 1960. TA-10 was the site of an extensive Formerly Utilized Sites Remedial Action Program investigation in 1976 (Mayfield et al. 1979, 011717). In the mid-1990s, the site was studied under the “RFI Work Plan for Operable Unit 1079” (LANL 1992, 007668). RCRA facility investigation (RFI) activities included shrapnel removal and investigation, remediation, or deferred action for several SWMUs and AOCs. A second RFI work plan was written in 2001 (LANL 2001, 071060). Only one sampling location, base flow at Guaje Canyon, will be sampled under the Interim Plan. No groundwater or spring locations will be sampled in Guaje, Rendija, or Barrancas Canyons under the Interim Plan.

In 1997, NMED approved a work plan for the investigation of Los Alamos and Pueblo Canyons (NMED 1997, 056362). An addendum to the Los Alamos Canyon and Pueblo Canyon investigation work plan (LANL 2002, 070235)was submitted to and approved by NMED in 2002. In accordance with the NMED-approved investigation work plan and addendum (NMED 2002, 073203), the Laboratory has conducted investigations of contamination in Los Alamos Canyon and Pueblo Canyon. In 2002, the Laboratory conducted an interim action in the South Fork of Acid Canyon (a tributary of Pueblo Canyon) in accordance with an interim action plan approved by NMED in 2002 (LANL 2001, 070188; NMED 2002, 073277).

Table A-1 in Appendix A summarizes the conceptual model for the Los Alamos Canyon/Pueblo Canyon watershed.

2.3 Monitoring Objectives

The monitoring for Los Alamos Canyon presented in this Interim Plan is based in part on results and conclusions presented in the “Los Alamos and Pueblo Canyons Investigation Report” (LANL 2004, 087390). The investigation report addressed only surface water and alluvial groundwater; thus, the information in the report mainly supports recommendations for those zones. Sampling over the last few years has generated a substantial data set from relatively new perched-intermediate and regional groundwater wells located in the watershed.

The FD tables for metals, organic compounds (including pesticides, polychlorinated biphenyls [PCBs], volatile organic compounds [VOCs], and dioxins), and general inorganics are presented in Appendix B. The data summarized in the FD tables indicate either no detections or very infrequent detections for most contaminants for the period of record shown in the tables. The infrequent detections (typically one detection in many rounds of sampling) are interpreted to relate to infrequent but normal errors that occur in laboratory analysis. Based on these results, an annual monitoring frequency will be conducted for most base flow locations and alluvial wells for all constituents except PCBs. PCBs and corresponding suspended sediment concentrations will be monitored semiannually at base-flow locations in upper Los Alamos Canyon but will be monitored annually at base-flow locations in Pueblo Canyon. Intermediate and regional wells will continue to be sampled on a semiannual basis for tritium and perchlorate to facilitate ongoing evaluations of trends but will be monitored annually for metals and VOCs. The FD tables presented in Appendix B show few detections for VOCs in these aquifers, and infrequent detections for metals above the screening levels (one-half the lowest applicable standard).

2.4 Scope of Activities

2.4.1 Base Flow

Sampling locations, frequency, analytes, and the rationale for base-flow monitoring are presented in Table 2.4-1, and the locations are shown in Figure 2.4-1.

Base flow in upper Los Alamos Canyon will be sampled at six existing gaged sites: four in Los Alamos Canyon (E026, E030, E042, and E050) and two in DP Canyon (E038 and E039).

Base flow in Pueblo Canyon will be sampled at five locations. Pueblo above Acid (E055) monitors base flow above the Acid Canyon confluence and can be used for assessing the impacts of townsite runoff into Pueblo Canyon. Gage station E056, located in Acid Canyon above the confluence with Pueblo Canyon, monitors water quality at the mouth of Acid Canyon. Pueblo 3 is located below the Bayo wastewater treatment plant, and results from this location will allow assessment of downcanyon trends of contaminants originating in Acid Canyon. Pueblo above NM 502 serves as a “boundary” monitoring station.

Base-flow sampling station E110 in lower Los Alamos Canyon will be used to measure water quality above the confluence of Los Alamos Canyon with the Rio Grande.

2.4.2 Alluvial Groundwater

Sampling locations, frequency, analytes, and the rationale for alluvial groundwater monitoring are presented in Table 2.4-1, and the locations are shown in Figure 2.4-1. The screening tables for Los Alamos and Pueblo Canyons are presented in Appendix B and electronically on CD.

Eleven alluvial wells—LAO-B, LAO-0.3, LAO-0.6, LAO-1, LAO-1.6g, LAO-1.8, LAUZ-1, LAO-2, LAO-3a, LAO-4.5c, and LAO-5 (or LAO-6 or LAO-6a depending on saturation)—will be monitored in upper Los Alamos Canyon. In Pueblo Canyon, four alluvial wells will be monitored: PAO-1, PAO-2, PAO-4, and APCO-1.

2.4.3 Intermediate-Perched Groundwater

Sampling locations, frequency, analytes, and the rationale for intermediate-perched groundwater monitoring are described in this section and presented in Table 2.4-1, and the locations are shown in Figure 2.4-1. The screening tables for Los Alamos and Pueblo Canyons are included in Appendix B and electronically on CD.

Eight wells in upper Los Alamos Canyon—R-7, LAOI(a)-1.1, LAOI-3.2, LAOI-3.2a, LAOI-7, R-6i, R-9i, and LADP-3—are screened in intermediate-perched groundwater and will be sampled under the Interim Plan. In Pueblo Canyon, three wells are screened in intermediate-perched groundwater: R-5, POI-4, and R-3i. Wells TW-1a and TW-2a have been removed from this Interim Plan because they are scheduled to be plugged and abandoned.

2.4.4 Regional Aquifer Groundwater

Sampling locations, frequency, analytes, and the rationale for regional aquifer groundwater monitoring are presented in Table 2.4-1, and the locations are shown in Figure 2.4-1. The screening tables for Los Alamos and Pueblo Canyons are included in Appendix B and electronically on CD.

Five wells—R-6, R-7, R-8, R-9, and TW-3—are screened in the regional aquifer in upper Los Alamos Canyon and are included in the Interim Plan. Although TW-3 has problems producing fully representative data for a variety of constituents, it is a useful monitoring location for tritium in the regional groundwater near water-supply well Otowi-4, as discussed in NMED's March 28, 2008, approval with direction letter to the Laboratory (NMED 2008, 101112). Four wells—R-2, R-4, R-5, and R-24—are screened in the regional aquifer in Pueblo Canyon and are included in this Interim Plan. Wells TW-1 and TW-2 have been removed from this Interim Plan because they are scheduled to be plugged and abandoned. Regional aquifer sampling in lower Los Alamos Canyon will be accomplished by sampling springs that discharge from the regional groundwater, described in section 8, White Rock Canyon.

2.4.5 Springs

Sampling locations, frequency, analytes, and the rationale for spring monitoring are presented in Table 2.4-1, and the locations are shown in Figure 2.4-1. The screening tables for Los Alamos and Pueblo Canyons are included in Appendix B and electronically on CD.

DP Spring, Basalt Spring, and Los Alamos Spring will be monitored as part of the Interim Plan.

3.0 SANDIA WATERSHED

3.1 Introduction

Sandia Canyon is located within the central part of the Laboratory (Figure 1.2-1) The canyon heads on Laboratory property within TA-03 at an elevation of approximately 7300 ft and trends east-southeast across the Laboratory, Bandelier National Monument, and San Ildefonso Pueblo. Sandia Canyon empties into the Rio Grande in White Rock Canyon at an elevation of 5450 ft.

3.2 Background

The area of Sandia Canyon watershed is approximately 5.5 mi^2. The head of the canyon is located on the Pajarito Plateau at TA-03. Perennial stream flow and saturated alluvial aquifer conditions occur in the upper and middle portions of the canyon system because sanitary wastewater and cooling tower effluent discharge to the canyon from operating facilities. A wetland of approximately 7 acres has developed as a result of the wastewater and cooling tower effluent discharge. The only known perennial spring in the watershed (Sandia Spring) is located in lower Sandia Canyon near the Rio Grande. TAs located in the Sandia Canyon watershed include TA-03, TA-20, TA-53, TA-60, TA-61, and TA-72. A total of 264 SWMUs and AOCs are within these TAs. Table A-2 in Appendix A summarizes information for the Sandia Canyon watershed.

A current conceptual model is presented in the "Interim Measures Investigation Report for Chromium Contamination in Groundwater" (LANL 2006, 094431). This report presents the results of an investigation conducted in summer and fall of 2006 that included a surface water-balance study, core-hole drilling to characterize the vadose zone, and installation of five alluvial wells and one intermediate-perched groundwater monitoring well.

3.3 Monitoring Objectives

For the last year and a half, the monitoring in Sandia Canyon has focused on acquiring a fundamental understanding of the nature and extent of contaminants in the surface water and groundwater. This work has been coupled with sediment and biota investigations to refine the conceptual model for fate and transport of contaminants that were historically released into Sandia Canyon.

To date, the specifics of the monitoring have been guided by the requirements of the "Addendum to the Work Plan for Sandia Canyon and Cañada del Buey" (LANL 2007, 095454). The objectives include characterization of the nature and extent of all potential contaminants released into the watershed, including chromium and related contaminants. Special considerations include the spatial distribution of different chromium species and an evaluation of potential isotopic fractionation along the groundwater flow path. The monitoring table for the Sandia watershed does not include specific information on the chromium isotope analyses because those are considered a test case until the initial data are reviewed to verify the applicability of the methodology to the conditions present at this site.

Surface water and groundwater data obtained over the past 2 yr provide the basis for an updated conceptual model for groundwater contaminants and for updates to the monitoring program in Sandia Canyon. Reductions in frequency are based on no detections or very infrequent detections of certain contaminants, indicating that the contaminants are either not present in the watershed or are not mobile in groundwater or base-flow surface water.

Reductions in monitoring frequency are proposed for VOCs, semivolatile organic compounds (SVOCs), and perchlorate in Sandia watershed. Analyses of VOCs will be reduced from quarterly to annually at base flow, intermediate, and regional wells because there is a history of no detections or of sporadic detections at all sampling locations throughout Sandia watershed. However, VOCs will continue to be analyzed quarterly in the alluvial wells recently installed under the "Interim Measures Work Plan for Chromium Contamination in Groundwater" (LANL 2006, 091987) to collect sufficient baseline data to evaluate trends in water quality. Analyses of SVOCs will be reduced from quarterly to annually at base-flow and alluvial locations because there are no detections of these constituents. Pesticides will no longer be analyzed for because they are not a Laboratory-related contaminant of concern in the watershed, and the FD tables in Appendix B show primarily nondetects for pesticides at all locations. Likewise, high explosives (HE) will no longer be analyzed in Sandia watershed because the FD tables in Appendix B show primarily nondetects for HE. Quarterly monitoring will continue for metals, general inorganics, in all aquifers, and for tritium in the intermediate and regional aquifers. These data will be used to further characterize the nature and extent and the fate and transport of chromium and related metals (including molybdenum and zinc) as well as of nitrate.

Because of the history of PCB contamination in Sandia watershed, PCBs will continue to be monitored on a quarterly basis at base-flow stations and in samples collected from alluvial wells. PCBs will not longer be analyzed for in the intermediate and regional aquifers because there are no detections, as shown in the FD tables (Appendix B) and no viable transport mechanism for PCBs to reach the deeper aquifers.

3.4 Scope of Activities

The monitoring for surface water and all groundwater is shown in Table 3.4-1. The monitoring locations, frequency, and suite reflect the ongoing characterization phase as required by the "Addendum to the Work Plan for Sandia Canyon and Cañada del Buey" (LANL 2007, 095454), submitted to NMED on March 6, 2007.

3.4.1 Base Flow

Sampling locations, frequency, analytes, and the rationale for base-flow monitoring are presented in Table 3.4-1, and the locations are shown in Figure 3.4-1.

Base-flow sampling stations include the South Fork of Sandia Canyon at gage station E122, Sandia Canyon below the wetland at gage station E123, and a location approximately 2 mi downcanyon at the terminus of persistent base flow (near the new location of gage station E124).

The sampling locations at gage E122 and E123 bound the wetland and should provide information on potential changes in contamination attributable to conditions in the wetland. The next downcanyon monitoring point will provide additional information on potential changes in contaminants along the flow path and also assesses potential contributions from TA-60 and TA-61.

3.4.2 Alluvial Groundwater

Sampling locations, frequency, analytes, and the rationale for alluvial groundwater monitoring are presented in Table 3.4-1, and the locations are shown in Figure 3.4-1.

Alluvial monitoring well locations include SCA-1, SCA-2, SCA-3, SCA-4, and SCA-5. These wells were installed as part of the “Interim Measures Work Plan for Chromium Contamination in Groundwater” (LANL 2006, 091987). Alluvial monitoring wells SCO-1 and SCO-2 are located in the lower portion of Sandia Canyon on Laboratory property and have not historically produced groundwater in sufficient quantities for sampling. However, SCO-1 and SCO-2 will continue to be monitored for the presence of groundwater, and if water is present, samples will be collected for analysis.

3.4.3 Intermediate-Perched Groundwater

Sampling locations, frequency, analytes, and the rationale for intermediate-perched groundwater monitoring are presented in Table 3.4-1, and the locations are shown in Figure 3.4-1.

A new perched-intermediate groundwater monitoring well (SCI-1) was installed as part of the “Interim Measures Work Plan for Chromium Contamination in Groundwater” (LANL 2006, 091987). Well R-12, Screens 1 and 2 are also perched-intermediate groundwater screens. An additional boring is scheduled for FY2008 that may result in either a perched-intermediate well or a regional well near R-12. A placeholder well named SCI-2 is shown in Table 3.4-1.

3.4.4 Regional Aquifer Groundwater

Sampling locations, frequency, analytes, and the rationale for monitoring the regional aquifer groundwater are presented in Table 3.4-1, and the locations are shown in Figure 3.4-1.

Regional wells R-11, R-10, R-10a, R-35a and R-35b, and R-36 are screened in the regional aquifer beneath Sandia Canyon. All these wells are being monitored as described in Table 3.4-1.

3.4.5 Springs

Sandia Spring, the only spring located in the Sandia Canyon watershed, is monitored as part of the group of springs in White Rock Canyon described in section 8 of this plan.

4.0 MORTANDAD WATERSHED

4.1 Introduction

Mortandad Canyon is an east-to-southeast trending canyon that heads on the Pajarito Plateau near the main Laboratory complex at TA-03 at an elevation of 7380 ft (Figure 1.2-1). The drainage extends about 9.6 mi from its headwaters to its confluence with the Rio Grande at an elevation of 5440 ft. The canyon crosses San Ildefonso Pueblo land for several miles before joining the Rio Grande (LANL 1997, 056835).

4.2 Background

The Mortandad Canyon watershed is located in the central portion of the Laboratory and covers approximately 10 mi^2. San Ildefonso Pueblo is directly adjacent to a portion of the Laboratory's eastern boundary and includes the eastern end of Mortandad Canyon. The Mortandad Canyon watershed contains several tributary canyons that have received contaminants released during Laboratory operations. The most prominent tributary canyons include Ten Site Canyon, Pratt Canyon, Effluent Canyon, and Cañada del Buey.

Current and former TAs located in the Mortandad Canyon watershed include TA-03, TA-04, TA-05, TA-18, TA-35, TA-42, TA-46, TA-48, TA-50, TA-51, TA-52, TA-54, TA-55, and TA-59. The primary sources of contamination in this watershed are attributed to past releases of contaminants from outfalls and spills at TA-35 and TA-50, including the RLWTF at TA-50. Metals and VOCs have historically been released into the canyon. Radionuclides, which are not addressed under the Consent Order, nitrates, perchlorate, molybdenum are some of the contaminants that have been detected in Mortandad Canyon alluvial groundwater. Perchlorate and nitrate contamination is present in the vadose zone beneath the portion of Mortandad Canyon below the confluence of Ten Site Canyon. Nitrate, perchlorate, chromium, and tritium are detected in intermediate-perched groundwater and also occur in the regional groundwater.

Table A-3 in Appendix A summarizes the conceptual model for the Mortandad Canyon watershed. Surface water and alluvial groundwater in Mortandad Canyon are derived from three sources: the RLWTF outfall at TA-50, other outfalls, and runoff from precipitation. Persistent surface water generally occurs from the TA-50 outfall downcanyon to a location above the sediment traps (LANL 2006, 094161). Alluvial groundwater storage is limited in the upper reaches but increases downcanyon in wider and thicker alluvial deposits. Lesser sources in upper Effluent Canyon create localized areas of surface water and likely minor alluvial groundwater. The extent of alluvial saturation in Mortandad Canyon depends on variations in the runoff sources and thus varies interannually. The underlying vadose zone and saturated zones have the same mobile constituents, indicating a hydrologic connection with the alluvial groundwater.

Improvement in effluent quality from the RLWTF has had a direct effect on surface water and alluvial groundwater quality (e.g., 2004 Environmental Surveillance Report [LANL 2005, 091523]). For example, nitrate and perchlorate (the primary contaminants in the surface water and alluvial groundwater) show rapid and steady overall decline in concentration at the monitoring locations in the upper canyon where the aquifer volume is small, indicating rapid flushing of the alluvium. Farther downcanyon, changes in the contaminant concentrations in the alluvial groundwater are also declining but at a slower rate because of the larger volume of the aquifer in that portion of the canyon.

4.3 Monitoring Objectives

The monitoring for Mortandad Canyon reflects the current understanding of the nature and extent and conceptual model for contamination in and beneath the watershed as described in the Mortandad Canyon

Investigation Report (MCIR) (LANL 2006, 094161). The conceptual model indicates that contaminants in the surface water and alluvial groundwater have shown marked decrease in concentration as a result of improvements in the treatment processes at the TA-50 RLWTF (see Figures 7.2-17, 7.2-18, and 7.2-25 in the MCIR [LANL 2006, 094161]). The steadily decreasing trend of the contaminant concentrations in the surface water and alluvial groundwater supports continuation of monitoring in base-flow and alluvial groundwater at a semiannual frequency for target analyte list (TAL) metals, general inorganics, and perchlorate, and an annual frequency for VOCs, SVOCs, and radionuclides. These data should provide sufficient information to continue verifying the decreasing trends in contaminant concentrations in surface water and alluvial groundwater (Appendix D).

The vadose-zone data from characterization core holes and monitoring-well drilling in Mortandad Canyon, presented in the MCIR (LANL 2006, 094161), indicate that migration of contaminants into the vadose zone beneath the alluvium is limited primarily to mobile constituents such as nitrate, perchlorate, tritium, chromium, and possibly a few organic compounds. This finding is also supported by the groundwater-data screening results and frequency-of-detection tables for the intermediate-perched and regional groundwater shown in Appendix B of the MCIR (LANL 2006, 094161). The constituents known to be predominantly located in the vadose zone and in the intermediate-perched and regional groundwater such as perchlorate, nitrate, chromium, and potentially the SVOC 1,4-dioxane should be monitored quarterly to support the assessment and refinement of the conceptual model for vadose-zone migration. The monitoring recommendations for the intermediate-perched and regional groundwater reflect this approach. Because of persistent detections of the SVOC 1,4-dioxane in the Mortandad intermediate-perched wells MCOI-4, MCOI-5, and MCOI-6, the monitoring frequency for SVOCs in these wells was increased from annually to quarterly to better understand the migration of these contaminants through the vadose zone.

The monitoring frequency for other contaminant types such as other SVOCs, pesticides, and dioxins/furans are based on the absence of detection, or very low, sporadic detection rates, as shown in the FD tables in Appendix B. Pesticides and dioxins/furans have been removed from the analyte list because the historical data do not show significant concentrations of these contaminants.

Lastly, Pine Rock Spring has been removed from the list of locations to be sampled because the water from this spring is believed to be effluent from a nearby sewage treatment plant rather than from Laboratory operations. This conclusion is based on both geochemical data for the effluent and on geologic data for the area.

4.4 Scope of Activities

4.4.1 Base Flow

Sampling locations, frequency, analytes, and the rationale for base-flow monitoring are presented in Table 4.4-1, and the locations are shown in Figure 4.4-1. The screening tables for Mortandad Canyon are included in Appendix B and electronically on CD.

Base flow will be sampled at the following locations in the Mortandad watershed: reaches E-1FW, in Effluent Canyon; TS-1W and TS-2E in Ten Site Canyon; and M-1W, M-1E, and two locations in reach M-2E in Mortandad Canyon, including at gage station E200. This group of locations provides good coverage in the watershed for bounding potential SWMU or AOC contaminant sources. These locations are consistent with locations included in the 2007 Interim Plan.

4.4.2 Alluvial Groundwater

Sampling locations, frequency, analytes, and the rationale for alluvial groundwater monitoring are presented in Table 4.4-1, and the locations are shown in Figure 4.4-1. The screening tables for Mortandad Canyon are included in Appendix B and electronically on the CD.

Alluvial groundwater locations selected for monitoring include the following wells: MCO-0.6, MCA-1, MCO-2, MCA-5, MCO-4B, MCO-5, MCO-6, MCO-7, MCO-7.5, and MT-2 in Mortandad Canyon, TSCA-6 and TSWB-6 in Ten Site Canyon, and wells CDBO-1 through CDBO-9 in Cañada del Buey. This list of wells is the same as that in the 2007 Interim Plan.

4.4.3 Intermediate-Perched Groundwater

Sampling locations, frequency, analytes, and the rationale for intermediate-perched groundwater monitoring are presented in Table 4.4-1, and the locations are shown in Figure 4.4-1. The screening tables for Mortandad Canyon are included in Appendix B and electronically on CD.

Perched-intermediate groundwater will be sampled from wells MCOI-4, MCOI-5, and MCOI-6. Sampling at these wells is dependent on sufficient water, and sometimes constituents within the analytical suite are prioritized based on the amount of water collected during the sampling event. MCOBT-4.4 has been removed from this Interim Plan because it is scheduled to be plugged and abandoned.

4.4.4 Regional Aquifer Groundwater

Sampling locations, frequency, analytes, and the rationale for regional aquifer groundwater monitoring are presented in Table 4.4-1, and the locations are shown in Figure 4.4-1. The screening tables for Mortandad Canyon are included in Appendix B and electronically on the CD.

Regional aquifer wells R-1, TW-8, R-13, R-14, R-15, R-16, R-21, R-28, R-33, and R-34 in the Mortandad Canyon watershed are included in this work plan and reflect the monitoring requirements in the "Addendum to the Work Plan for Sandia Canyon and Cañada del Buey," submitted to NMED on March 6, 2007 (LANL 2007, 095454). An additional regional aquifer well, R-42, is scheduled for installation in 2008 and is included as a placeholder in Table 4.4-1.

5.0 PAJARITO CANYON WATERSHED

5.1 Introduction

Pajarito Canyon is located on the Pajarito Plateau in the central part of the Laboratory (Figure 1.2-1). The canyon heads in the Santa Fe National Forest, approximately 4.6 km (2.9 mi) west of the Laboratory boundary at an elevation of approximately 10,434 ft (3180 m), and trends east-southeast across the Laboratory and Los Alamos County. It empties into the Rio Grande in White Rock Canyon at an elevation of 5422 ft (1653 m). The primary Laboratory use of the Pajarito Canyon watershed has been as the canyon-bottom location for the Los Alamos Critical Experiments Laboratory at TA-18 and for mesa-top surface and subsurface Material Disposal Areas (MDAs) F and Q at TA-06, M at TA-09, and G, H, J, and L at TA-54. A detailed description and data summary for Pajarito Canyon potential contaminants are contained within the work plan for Pajarito Canyon (LANL 1998, 058820).

5.2 Background

The area of Pajarito Canyon watershed is approximately 13 mi^2. The TAs located within this watershed include TA-03, TA-06, TA-07, TA-08, TA-09, TA-14, TA-15, TA-18, TA-22, TA-23, TA-27, TA-36, TA-40, TA-46, TA-50, TA-54, TA-55, TA-58, TA-59, TA-64, TA-65, TA-66, TA-67, and TA-69. The contaminant release history from 379 SWMUs and AOCs includes releases from outfalls, septic systems, spills, open detonations from firing sites, and MDAs. Laboratory-related contamination has been detected in Pajarito Canyon water samples obtained from perennial and ephemeral streams, alluvial groundwater, and springs supplied by intermediate-perched groundwater from the Bandelier Tuff. The Pajarito Canyon conceptual model is briefly discussed below and summarized in Table A-4 in Appendix A.

5.3 Monitoring Objectives

The monitoring for Pajarito Canyon reflected in the Interim Plan is consistent with the NMED-approved “Work Plan for Pajarito Canyon” (LANL 1998, 059577; NMED 2005, 091288). The Pajarito Canyon work plan focuses on watershed-scale characterization of surface-water base flow, springs, alluvial groundwater, intermediate-perched groundwater, and regional groundwater. The Pajarito work plan calls for installing up to 13 new alluvial wells to provide coverage throughout the upper watershed, including the Twomile and Threemile basins. Additionally, 6 surface water base-flow locations and 10 springs are included in the monitoring scope.

Quarterly monitoring frequency for the new alluvial well is included in this Interim Plan to provide an initial baseline characterization of the system. Potential modifications to the monitoring program in the alluvial wells will be considered only after sufficient data are available for that evaluation. Springs and base-flow locations in the Pajarito watershed have a relatively long period of record that supports the FD analysis conducted in this plan. The long record led to a revised monitoring program for those locations. Springs and base-flow surface water will be monitored semiannually for constituents that have been identified in the watershed but at very low levels and in general, on an annual frequency for constituents not detected to date. Analytes monitored semiannually at springs and base-flow locations include metals, HE, and perchlorate. Analytes monitored annually at springs and base-flow locations include VOCs, SVOCs, and radionuclides. Most analytes will continue to be monitored on a quarterly basis in alluvial, intermediate, and regional wells to support the ongoing watershed-scale investigation of the groundwater. However, pesticides and PCBs have been removed from the analyte list because the historical data do not show significant concentrations of these contaminants.

Several perched-intermediate and regional wells in the Pajarito watershed have screens affected to different degrees by residual drilling fluids that produce nonrepresentative data for certain constituents. Individual locations and screens are discussed in the “Well Screen Analysis Report, Revision 2” (LANL 2007, 096330). The Interim Plan calls for collecting groundwater from these screens and analyzing for the indicator suite (described in section 1.9 of this plan) to assess temporal trends in the geochemical performance of each potentially affected well-screen interval.

5.4 Scope of Activities

5.4.1 Base Flow

Sampling locations, frequency, analytes, and the rationale for base-flow monitoring are presented in Table 5.4-1, and the locations are shown in Figure 5.4-1.

Base flow in perennial and intermittent portions of Pajarito Canyon, Twomile Canyon, and Threemile Canyon will be monitored seasonally. This Interim Plan includes six base-flow sampling locations: Pajarito

0.5 mi above NM 501 (PBF-B), Pajarito below confluence of South and North Anchor East Basin (PBF-1), Two Mile Canyon below TA-59 (PBF-2), Two Mile above Pajarito at E244 (PBF-3) and Pajarito above Two Mile, at E243 (PBF-4), and Pajarito below TA-18 (PBF-5). These locations were selected based on their proximity to (1) potential contaminant release sites; (2) gaging stations where long-term base-flow patterns and water-quality data can be compared; and (3) canyon segments lacking gaging stations but where perennial or intermittent (>20 d/yr) flow is expected.

5.4.2 Alluvial Groundwater

Sampling locations, frequency, analytes, and the rationale for alluvial groundwater monitoring are presented in Table 5.4-1, and the locations are shown in Figure 5.4-1.

Alluvial groundwater monitoring locations in the Pajarito watershed will include new alluvial wells—PCAO-5, PCAO-6, PCAO-7a, PCAO-7b, PCAO-7c, 3MAO-1, 3MAO-2, TMO-1, and PCAO-8—and existing wells—18-PG-1, 18-MW-8, 18-MW-9, 18-MW-11, 18-MW-18, PCO-2, and PCO-3. The inclusion of the group of 18-MW series wells is beyond that required in the NMED-approved “Work Plan for Pajarito Canyon” (LANL 1998, 059577; NMED 2005, 091288) but is considered potentially useful for more specific monitoring near buildings or other structures associated with TA-18. The alluvial wells at TA-18 are screened at similar depths and are close together, creating a high-density network with many duplicative locations (Figure 5.4-1). To avoid duplication of locations at TA-18, a transect of new wells (PCAO-7a, PCAO-7b, and PCAO-7c), located directly downgradient from TA-18, is scheduled to be installed and will monitor for contamination that may have originated from the former facility.

5.4.3 Perched-Intermediate Groundwater

Sampling locations, frequency, analytes, and the rationale for intermediate-perched groundwater monitoring are presented in Table 5.4-1, and the locations are shown in Figure 5.4-1.

Monitoring of the perched-intermediate groundwater beneath Pajarito Canyon is currently being conducted in wells R-23i, R-19 screen 2, and the wells associated with investigations at SWMU 03-010(a) (03-B-9, 03-B-10, 03-B-13, previously identified as 03-MW-2, 03-MW-2, 03-MW-2, respectively). Monitoring well 03-B-9 has a damaged well casing, and NMED has requested that only water levels be monitored at this location. Monitoring wells 03-B-10 and 03-B-13 continue to be monitored for water quality on a quarterly basis (NMED 2007, 098282).

R-19 screen 1 has been dry but will be checked, and a sample will be collected if sufficient groundwater is available. Groundwater from R-19 screen 2 as well as R-23i will be collected under this Interim Plan.

One or possibly two new perched-intermediate groundwater monitoring wells are scheduled to be completed in Pajarito Canyon during the next year. As each of these wells comes online, it will be added to the monitoring program for Pajarito Canyon.

5.4.4 Regional Aquifer Groundwater

Sampling locations, frequency, analytes, and the rationale for regional aquifer groundwater monitoring are presented in Table 5.4-1, and the locations are shown in Figure 5.4-1.

Seven wells completed in the regional aquifer in the Pajarito Canyon watershed will be monitored: R-17, R-18, R-19, R-20, R-22, R-23, and R-32. Well and well screens known to be impacted by the effects of residual drilling fluids will be monitored for the indicator analyses, as discussed in section 1.9 of this Interim Plan.

Additional wells are scheduled for completion around TA-54, MDAs H, L, and G. These wells include R-37, R-39, and R-40. As these wells come online, they will be added to the monitoring program for Pajarito Canyon.

5.4.5 Springs

Sampling locations, frequency, analytes, and the rationale for springs monitoring are presented in Table 5.4-1, and the locations are shown in Figure 5.4-1. Geologic units, groundwater sources, and estimated flow data for the springs in the Pajarito Canyon watershed can be found in Appendix D, Table D-4.

Ten spring locations—PC Spring, Homestead Spring, Starmer Spring, Anderson Spring, Keiling Spring, Charlie Spring, Bulldog Spring, TW-1.72 Spring, Threemile Spring, and TA-18 Spring—are included in this Interim Plan.

6.0 WATER CANYON/CAÑON DE VALLE WATERSHED

6.1 Introduction

The headwaters of the Water Canyon/Cañon de Valle watershed occur along the eastern flank of the Jemez Mountains, near the western margin of the Pajarito Plateau (Figure 1.2-1). The discharge point of the watershed is at the Rio Grande on the eastern edge of the Plateau. The major canyons in the watershed include Water, Cañon de Valle, Potrillo, and Fence. There are also numerous smaller canyons and arroyos.

6.2 Background

The Water Canyon/Cañon de Valle watershed is located in the southern portion of the Laboratory and encompasses an area of approximately 19 mi^2. Cañon de Valle, located in the western portion of the Pajarito Plateau, is the main tributary to Water Canyon. The heads of both canyons are located in the Sierra de los Valles. The watershed includes numerous springs, ephemeral and perennial surface water flow, and alluvial groundwater systems. Tributaries that may contribute contamination to Water Canyon include Indio, Fence, and Potrillo Canyons, which join Water Canyon on the eastern side of the Laboratory. The TAs located within this watershed include TA-09, TA-11, TA-14, TA-15, TA-16, TA-28, TA-36, TA-37, TA-39, TA-49, TA-67, TA-68, TA-70, and TA-71. This portion of the Laboratory has been used for weapons testing, explosives testing, and explosives production and has received effluent from outfalls containing explosive compounds, metals, and VOCs. Stormwater runoff from firing sites, open burn/open detonation units, surface-disposal sites, and other SWMUs and AOCs may have contributed to the contamination detected within the watershed. The contaminants detected in soil, rock, and sediment samples obtained from various locations within the watershed during previous investigations include barium and other RCRA metals, explosive compounds, VOCs, and radionuclides, which are not addressed under the Consent Order. Results of the 260 Outfall corrective measures study (CMS) investigation show the drainage channel below the outfall and the canyon bottom, as well as surface water, alluvial groundwater, and deep perched groundwater, are contaminated with explosive compounds, including RDX (hexahydro-1,3,5-trinitro-1,3,5-triazine); HMX (octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine); TNT (2,4,6 trinitrotoluene); and barium (LANL 2003, 085531). The barium contamination results from an explosive compound, Baratol, which is a mixture of $Ba(NO_3)_2$ and TNT. Barium and RDX are chemicals of interest in this watershed because of the documented releases of these chemicals, and the spatial and temporal distributions help to interpret the site conceptual model.

Because the Water Canyon/Cañon de Valle watershed is so extensive, and potential sources of contaminants vary across the Pajarito Plateau, the watershed conceptual model (Table A-5 in Appendix A) is described in three sections: (1) upper Water Canyon and Cañon de Valle; (2) middle Water Canyon (near TA-49); and (3) lower Water, Fence, and Potrillo Canyons.

6.3 Monitoring Objectives

The monitoring network for the Water Canyon/ Cañon de Valle watershed is focused on both areas of known contamination in the Upper Cañon de Valle watershed and on initial characterization for constituents not known to be widely used in the upper Cañon de Valle area and in other areas of the watershed. Thus, it reflects current knowledge about nature and extent of contamination, particularly that which is associated with Consolidated Unit 16-021(c)-99 (the TA-16-260 Outfall) and the current conceptual model for contaminant releases and fate and transport from that and other sites. The current status of this knowledge is presented in two investigation reports for Consolidated Unit 16-021(c)-99 (LANL 2003, 077965; LANL 2006, 093798), the “Corrective Measures Implementation Plan for Consolidated Unit 16-021(c)-99” (LANL 2007, 096003), and the “Evaluation of the Suitability of Wells Near Technical Area 16 for Monitoring Contaminant Releases from Consolidated Unit 16-021-99” (LANL 2007, 095787).

Initial characterization sampling for a wide range of potential contaminants from TA-16 (e.g., fission product radionuclides, SVOCs, pesticides, PCBs, dioxins/furans) has been completed. These constituents have not been detected beyond sporadic, low-level detections attributable to infrequent, but normal, analytical issues, as shown in the FD tables in Appendix B. Thus, the objective of the current monitoring for Cañon de Valle and Water Canyon is to continue to provide CMS monitoring information for the watershed and to refine the conceptual model and delineate the nature and extent of contaminants that were released in the upper watershed. Surface water and groundwater will continue to be monitored semiannually for the majority of constituents. Historical base-flow and groundwater data show no evidence of pesticides, PCBs, or dioxin/furans in the watershed; therefore, these constituents will no longer be analyzed in the watershed.

Continued semiannual monitoring for constituents known to have been released to groundwater at TA-16 is recommended for the following reasons. Intensive quarterly monitoring over the past decade under characterization and corrective measures investigations has resulted in an extensive pool of data and the development of a detailed conceptual model of the watershed. The alluvial wells and springs in Cañon de Valle have been sampled on a quarterly basis from 1997 to 2006. Beginning in 2000, deeper monitoring wells were drilled into the intermediate-perched and regional aquifers in the Cañon de Valle/Water Canyon watershed and were sampled quarterly from their installation until initiation of the Interim Facility-wide Groundwater Monitoring Program. The sampling conducted in this watershed has characterized contaminant spatial and temporal trends as described in the investigation and corrective measures implementation (CMI) report cited above. Because of the extensive data collected during the past decade, continued semiannual monitoring for the major constituents released from TA-16 is recommended for surface water and all groundwater in the watershed. Initially, the new wells will be monitored quarterly.

6.4 Scope of Activities

6.4.1 Base Flow

Sampling locations, frequency, analytes, and the rationale for base-flow monitoring are presented in Table 6.4-1, and the locations are shown in Figure 6.4-1. The screening tables for the Water Canyon/Cañon de Valle watershed are included in Appendix B.

Base flow in perennial and intermittent portions of Water Canyon, Cañon de Valle, and Potrillo Canyon will be monitored twice a year to capture flow variability. The sampling locations Water below State Highway 501 (E252), Cañon de Valle below MDA P (E256), and Water at Beta are from an existing network of gaging stations and surface-water monitoring locations where long-term base-flow patterns indicate perennial or intermittent (>20 d/yr) flow. A new location between E252 and Water at Beta is also included in the network.

6.4.2 Alluvial Groundwater

Sampling locations, frequency, analytes, and the rationale for alluvial groundwater monitoring are presented in Table 6.4-1, and the locations are shown in Figure 6.4-1. The screening tables for the Water Canyon/Cañon de Valle watershed are included in Appendix B.

Alluvial groundwater monitoring locations are situated in Water Canyon and Cañon de Valle. Five alluvial wells in Cañon de Valle (16-2655, 16-2656, 16-2657, 16-2658, and 16-2659) as well as two alluvial wells in Martin Canyon (16-6293 and 16-6295) and three alluvial wells in Fishladder Canyon (16-25278, 16-25279, and 16-25280) will be monitored. Three alluvial wells in lower Water Canyon (WCO-1, WCO-2, and WCO-3) are typically dry but will be checked and sampled if they produce sufficient water.

6.4.3 Intermediate-Perched Groundwater

Sampling locations, frequency, analytes, and the rationale for intermediate-perched groundwater monitoring are presented in Table 6.4-1, and the locations are shown in Figure 6.4-1.

The screening, described in section 1.7, identified several metal constituents (arsenic, beryllium, chromium, iron, manganese, and nickel) above the threshold. No general inorganic or organic constituents were detected above the threshold. The screening tables for the Water Canyon/Cañon de Valle watershed are included in Appendix B and electronically on CD.

Five wells in the upper Water Canyon watershed, CdV-16-1(i), CdV-16-2(i), R-25, CdV-37-2, and CdV-R-15-3, are completed to access intermediate-perched groundwater. These wells were originally sited to characterize an area where effluent containing explosive compounds was released into the canyons. CdV-R-37-2 screen 1 and CdV-R-15-3 screens 1, 2, and 3 have been dry since drilling. If transducer data indicate groundwater is present, samples will be collected. Intermediate-perched wells CdV-16-1(i) and CdV-16-2(i) are new wells that have recently undergone characterization sampling.

Contaminants have been observed in intermediate-perched groundwater at R-25 screens 1 and 2. Screen 1 will be monitored for the full suite of constituents, and screen 2 will be monitored for constituents not affected by drilling fluids and indicator constituents that infer changes in impacted groundwater in the vicinity of the screen.

6.4.4 Regional Aquifer Groundwater

Sampling locations, frequency, analytes, and the rationale for regional aquifer groundwater are presented in Table 6.4-1, and the locations are shown in Figure 6.4-1. The screening tables for the Water Canyon/Cañon de Valle watershed are included in Appendix B and electronically on CD.

Wells that access regional groundwater include R-25, R-26, R-27, CdV-R-15-3, and CdV-R-37-2. Well screens known to be impacted by the effects of residual drilling fluids will be monitored for the indicator analyses, as discussed in section 1.9 of this Interim Plan.

6.4.5 Springs

Sampling locations, frequency, analytes, and the rationale for springs monitoring are presented in Table 6.4-1, and the locations are shown in Figure 6.4-1. The screening tables for the Water Canyon/Cañon de Valle watershed are included in Appendix B and electronically on CD.

Nine springs and seeps are present in the Water Canyon/Cañon de Valle watershed. Seven of the springs—Peter Spring, SWSC, Burning Ground, Fish Ladder Seep, Hollow, Martin, and Water Canyon Gallery—are located in the upper portion of the watershed. Because of their proximity to SWMUs and AOCs and the presence of explosive compounds and barium contamination, Burning Ground Spring, Peter Seep, Fish Ladder Seep, SWSC Spring, and Martin Spring have been selected for monitoring. Hollow Spring was not selected for monitoring because it has small, irregular discharge volumes. Water Canyon Gallery and Cañon de Valle headwaters were selected as background spring locations.

The principal springs in the watershed—Burning Ground, SWSC, and Martin—have been sampled on a regular basis since 1997.

7.0 ANCHO/CHAQUEHUI/FRIJOLES CANYONS WATERSHEDS

7.1 Introduction

Ancho Canyon

Ancho Canyon is located in the southeastern part of the Laboratory (Figure 1.2-1). TA-33, located south of Ancho Canyon on a mesa near the Rio Grande, was used as a firing site and for tritium operations. SWMUs and AOCs include landfills and septic systems. TA-39 is located on the floor of middle Ancho Canyon, and it was used for open-air testing of explosive compounds. SWMUs and AOCs in this TA include five firing sites, a number of landfills, and septic systems. More detailed information about the operational history and the SWMUs and AOCs can be found in the “RFI Work Plan for Operable Unit 1122” (LANL 1992, 007671) and the “RFI Work Plan for Operable Unit 1132” (LANL 1993, 015316).

TA-49 is located on a mesa in the upper part of the Ancho Canyon drainage, and part of the area drains into Water Canyon. TA-49 was used for underground hydronuclear testing in the early 1960s. The testing consisted of criticality, equation-of-state, and calibration experiments involving special nuclear materials. The testing produced large inventories of radioactive and hazardous materials: isotopes of uranium and plutonium, lead, and beryllium, explosives such as TNT, RDX, HMX, and barium nitrate. Much of this material remains in shafts on the mesa top. Further information about activities and SWMUs and AOCs at TA-49 can be found in Purtymun and Stoker (1987, 006688) and the “RFI Work Plan for Operable Unit 1144” (LANL 1992, 007670). The RFI work plan also describes the planned investigations that focus on identifying and quantifying migration of contaminants from the shafts.

Chaquehui Canyon

Chaquehui Canyon is situated south of the mesa occupied by TA-33. Chaquehui Canyon heads on the Pajarito Plateau and contains an ephemeral stream in its upper portion. Doe Spring, a regional aquifer spring, maintains a short perennial reach approximately 0.5 mi above the Rio Grande. Farther down the drainage, Springs 9 and 9A maintain perennial flow that extends 0.25 mi to the Rio Grande. These springs are discussed in section 8, White Rock Canyon. No base-flow or groundwater sampling locations are sited in Chaquehui Canyon.

Frijoles Canyon

Frijoles Canyon lies on USFS and National Park Service lands south of the Laboratory. The canyon lies next to the Laboratory boundary near the Rio Grande but is separated from TA-33 by Chaquehui Canyon.

7.2 Background

Ancho Canyon is located in the southern portion of the Laboratory, and its area is approximately 7 mi^2. The Ancho Canyon watershed is located entirely within TA-33, TA-39, TA-49, and TA-70 and contains 33 SWMUs and AOCs. Contaminants detected in sediments, surface water, or shallow groundwater during previous investigations conducted in the watershed include mercury and other metals, explosive compounds, organic constituents, and radionuclides.

The Chaquehui Canyon watershed is located in the southeast portion of the Laboratory at TA-33. A total of 61 SWMUs and AOCs in the watershed vary from inactive industrial outfalls to MDAs. Surface water flow is ephemeral; however, two springs are present along the south-facing wall of the main drainage. Contaminants above background levels have been detected in samples of sediments and surface water obtained in the canyon.

Indio Canyon, a south-entering subbasin to Water Canyon, originates on Laboratory property and extends for about 3 mi to its confluence with Water Canyon. The drainage basin is located in TA-39. Contaminants above background levels have been detected in sediments and surface-water samples obtained from the canyon.

7.3 Monitoring Objectives

The primary monitoring objective of 2007 monitoring in Ancho/Chaquehui/Frijoles Canyon is to provide information before detailed characterization will be conducted in 2009–2010. Characterization results are to be reported in the Ancho, Chaquehui, and Indio Canyons investigation report due in 2011 under the Consent Order. The purpose and scope of the monitoring plan will be reassessed in 2009 based on the need for support of the detailed characterization work scheduled in 2009 and 2010. Pending further refinement of the conceptual model for the Ancho, Chaquehui, and Frijoles Canyons watersheds, the monitoring frequency in these watersheds has been reduced from to semiannual to annual because groundwater data collected to date show little or no evidence of contaminant releases. However, monitoring of R-31, a well impacted by drilling fluids, will continue on a semiannual basis (through the collection of indicator suites) to allow a regular evaluation of the well's geochemistry over time.

7.4 Scope of Activities

Ancho Canyon

Monitoring locations in Ancho Canyon are situated near or downstream from areas of past Laboratory weapons-testing activities. Most monitoring locations in Ancho Canyon access the regional aquifer. Three decades of water-quality records from regional wells in this area (DT-5A, DT-9, and DT-10) and recent data from R-31 show no substantial changes in water chemistry or the presence of Laboratory contaminants in the regional aquifer.

7.4.1 Base Flow

Frequency, analytes, and the rationale for base-flow monitoring at Ancho at the Rio Grande are presented in Table 7.4-1, and the location is shown in Figure 7.4-1.

One base-flow monitoring point, Ancho at Rio Grande, is sampled in the Ancho Canyon watershed.

7.4.2 Alluvial Groundwater

No data are available to evaluate the alluvial groundwater system in the Ancho Canyon watershed. Two locations at TA-39 (39-UM-3 and 39-DM-6) were included in the 2007 Interim Plan and will be retained in the 2008 plan. These locations will be checked for groundwater semiannually, and samples will be collected if water is present.

7.4.3 Intermediate-Perched Groundwater

The upper screen of R-31 (screen 1) was set in an intermediate-perched groundwater that has produced no water. This screen will be checked semiannually, and a sample will be collected if water is present.

7.4.4 Regional Aquifer Groundwater

Sampling locations, frequency, analytes, and the rationale for regional aquifer groundwater monitoring are presented in Table 7.4-1, and the locations are shown in Figure 7.4-1.

Test wells DT-5A, DT-9, DT-10, and R-31 are the regional wells monitored in this watershed.

7.5 Springs

Ancho Canyon

Monitoring at Ancho Spring is summarized in the White Rock Canyon monitoring table.

Chaquehui Canyon

No base-flow or groundwater sampling locations are sited in Chaquehui Canyon. Chaquehui Canyon Springs are described in section 8, White Rock Canyon.

Frijoles Canyon

Locations in Frijoles Canyon are for the most part remote from potential contaminant sources and serve as boundary or water-supply monitoring points. Sampling locations in Frijoles Canyon are for base flow only, with no groundwater locations included in this Interim Plan. The three-decade water-quality record for base flow in this area shows no substantial changes or Laboratory contaminants.

Water-quality monitoring over several decades in the Frijoles Canyon watershed shows no impact exceeding screening criteria from Laboratory sources.

7.5.1 Base Flow

Sampling locations, frequency, analytes, and the rationale for regional base-flow monitoring are presented in Table 7.4-1, and the locations are shown in Figure 7.4-1.

Flow in Frijoles Canyon is perennial. Base flow will be monitored annually at the gaging station Rio de los Frijoles at Bandelier (E350) and in the stream just above the Rio Grande.

8.0 WHITE ROCK CANYON

8.1 Introduction

The White Rock Canyon Springs are located along the Rio Grande at the eastern border of the Laboratory and on Los Alamos County and San Ildefonso Pueblo lands (Figure 1.2-1). The springs serve as monitoring points to detect possible discharge of contaminated groundwater from beneath the Laboratory into the Rio Grande. The springs represent discharge points for the regional aquifer and perched intermediate aquifers.

8.2 Background

In the southern portion of the canyon, tritium operations took place at TA-33, which borders the Rio Grande to the east. The “RFI Work Plan for Operable Unit 1122” (LANL 1992, 007671) describes environmental concerns at TA-33. To the north of TA-33 lies TA-70, a buffer area where no Laboratory activities have occurred. Adjoining TA-70 to the north are low- to moderate-density residential areas in White Rock, a mix of private property, and Los Alamos County land. A municipal sanitary treatment plant discharges effluent into Mortandad Canyon just above the river at the northern county boundary. San Ildefonso Pueblo property borders Los Alamos County on the north; this land is undeveloped. San Ildefonso Pueblo operates numerous water supply wells on both sides of the Rio Grande, and the City of Santa Fe operates the Buckman well field on the east side of the Rio Grande across from White Rock. Table A-6 in Appendix A summarizes the conceptual model for the White Rock Canyon watershed.

8.3 Monitoring Objectives

The monitoring objective for the White Rock Canyon springs is to continue surveillance for potential Laboratory impacts to the groundwater, as expressed at the spring discharge points in White Rock Canyon.

Most locations in White Rock Canyon sample either the regional aquifer or perched intermediate aquifers where flow rates are low, and little variation in geochemistry occurs beyond cyclical annual changes. In addition, a 25-yr record of water-quality data for the springs shows little or no change. The long period of record, the nondetections or few unequivocal detections of Laboratory-derived contaminants in the springs, and the expected slow rate of change for arrival concentrations for potential contaminants warrants the reductions in monitoring frequency to annually for most of the White Rock Canyon springs discussed in this plan.

However, there are several exceptions to this recommended reduction in monitoring frequency. The monitoring frequency of Sandia Spring will be increased to semiannual from annual because of its strategic proximity to the Buckman well field. In addition, the monitoring frequency of Springs 4, 4B, and 4C will continue on a semiannual basis because of ongoing concerns regarding the detections of low levels of contaminants in these springs.

8.4 Scope of Activities

Water-quality monitoring over several decades in the White Rock Canyon watershed shows little or no impact from Laboratory sources. The analytes selected for monitoring are chosen based on data screening against applicable standards (threshold rate), on possible source terms from Laboratory activities, and on the need to conduct annual monitoring for a broad range of analytes to determine trends. The sampling of PCBs, pesticides, VOCs, SVOCs, and dioxins/furans has been eliminated for many of the White Rock Canyon springs because of the predominance of nondetects for these constituents. However, VOCs and SVOCs will continue to be monitored at springs downgradient of Area G, (Springs 2B, 3, 3AA, 4, 4A, 4AA, 4B, 4C, 5, and 5A). The need for sampling of analytes that have been eliminated from specific locations will be reevaluated on an annual basis during development of the annual update to the Interim Plan.

8.4.1 Base Flow

Base-flow locations entering White Rock Canyon are discussed in their respective watersheds.

8.4.2 Springs

Sampling locations, frequency, analytes, and the rationale for monitoring springs are presented in Table 8.4-1, and the locations are shown in Figure 8.4-1.

9.0 REFERENCES

The following list includes all documents cited in this plan. Parenthetical information following each reference provides the author(s), publication date, and ER ID number. This information is also included in text citations. ER ID numbers are assigned by the Environmental Programs Directorate's Record Processing Facility (RPF) and are used to locate the document at the RPF and, where applicable, in the master reference set.

Copies of the master reference set are maintained at the NMED Hazardous Waste Bureau; the U.S. Department of Energy–Los Alamos Site Office; the U.S. Environmental Protection Agency, Region 6; and the Directorate. The set was developed to ensure that the administrative authority has all material needed to review this document, and it is updated with every document submitted to the administrative authority. Documents previously submitted to the administrative authority are not included.

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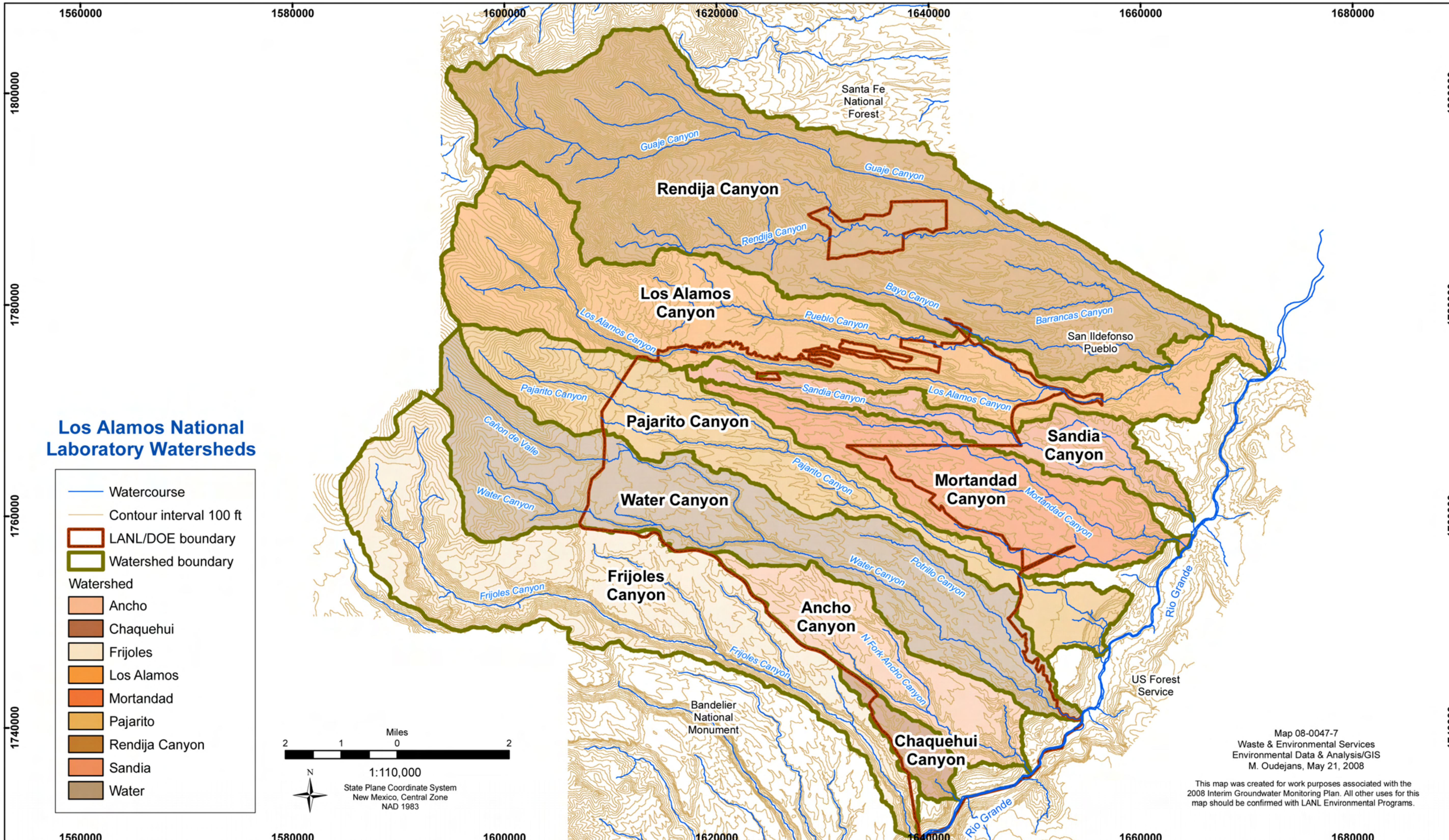


Figure 1.2-1 Canyons of Los Alamos National Laboratory and the Pajarito Plateau

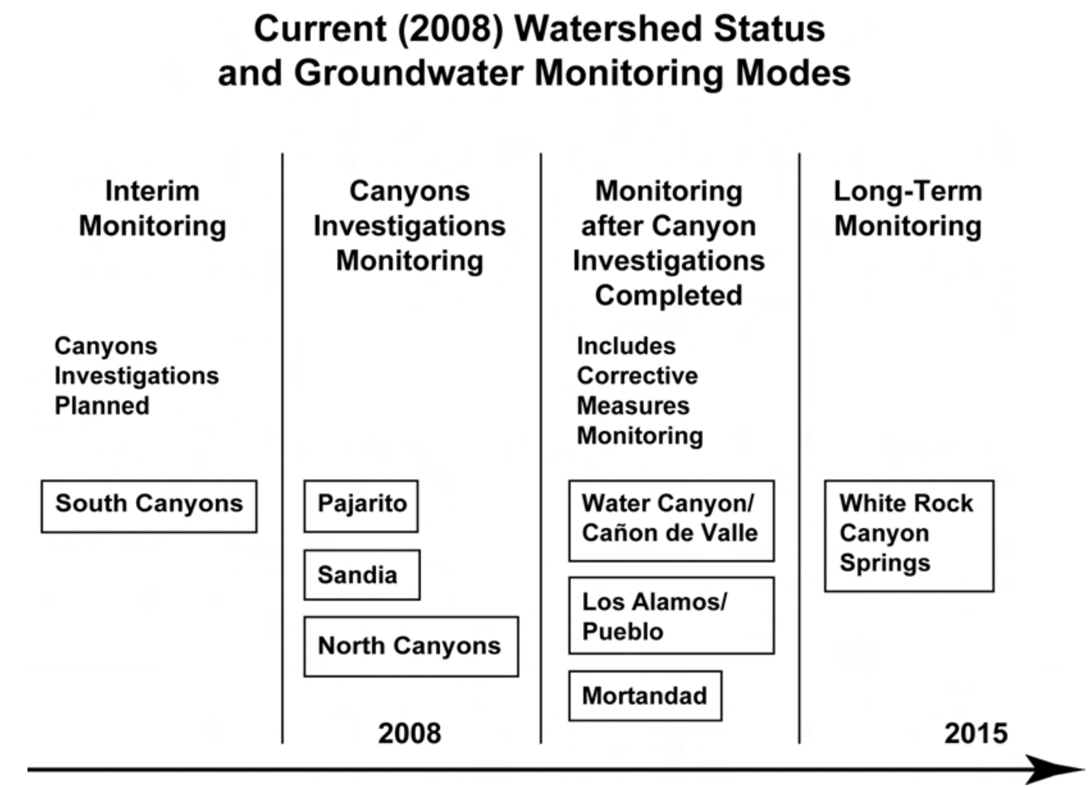


Figure 1.5-1 Watershed grouping and monitoring strategy

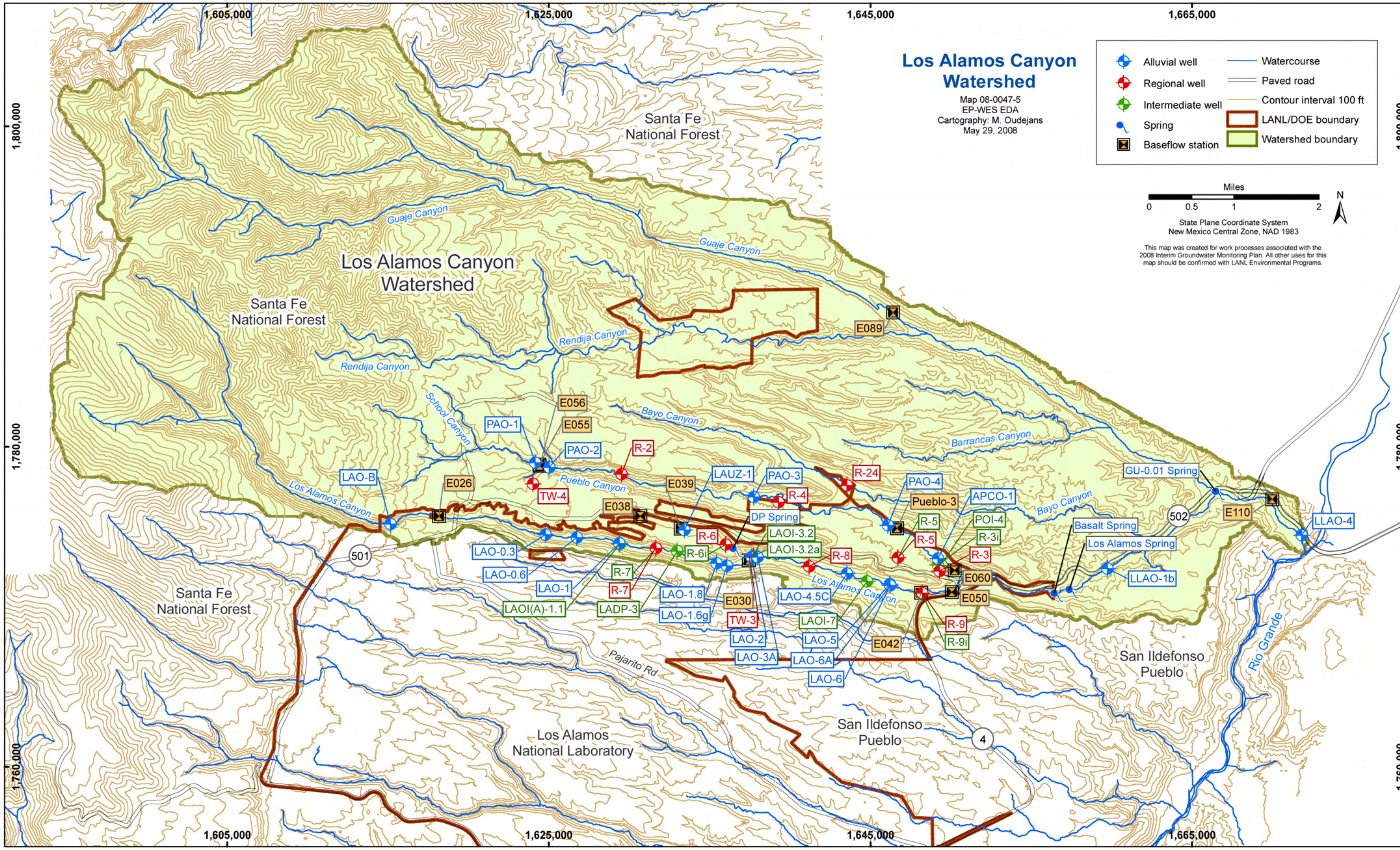


Figure 2.4-1 Los Alamos watershed

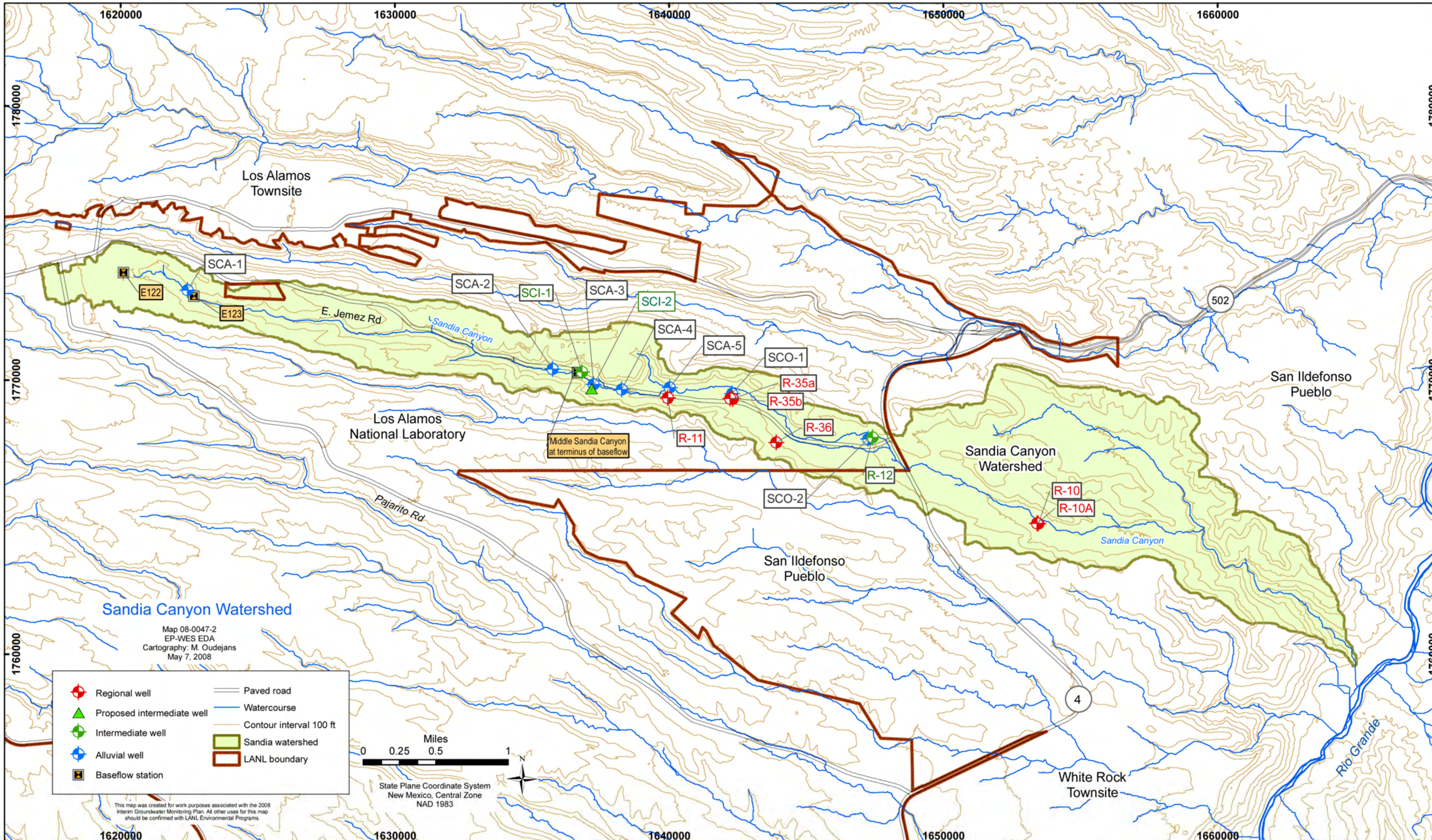
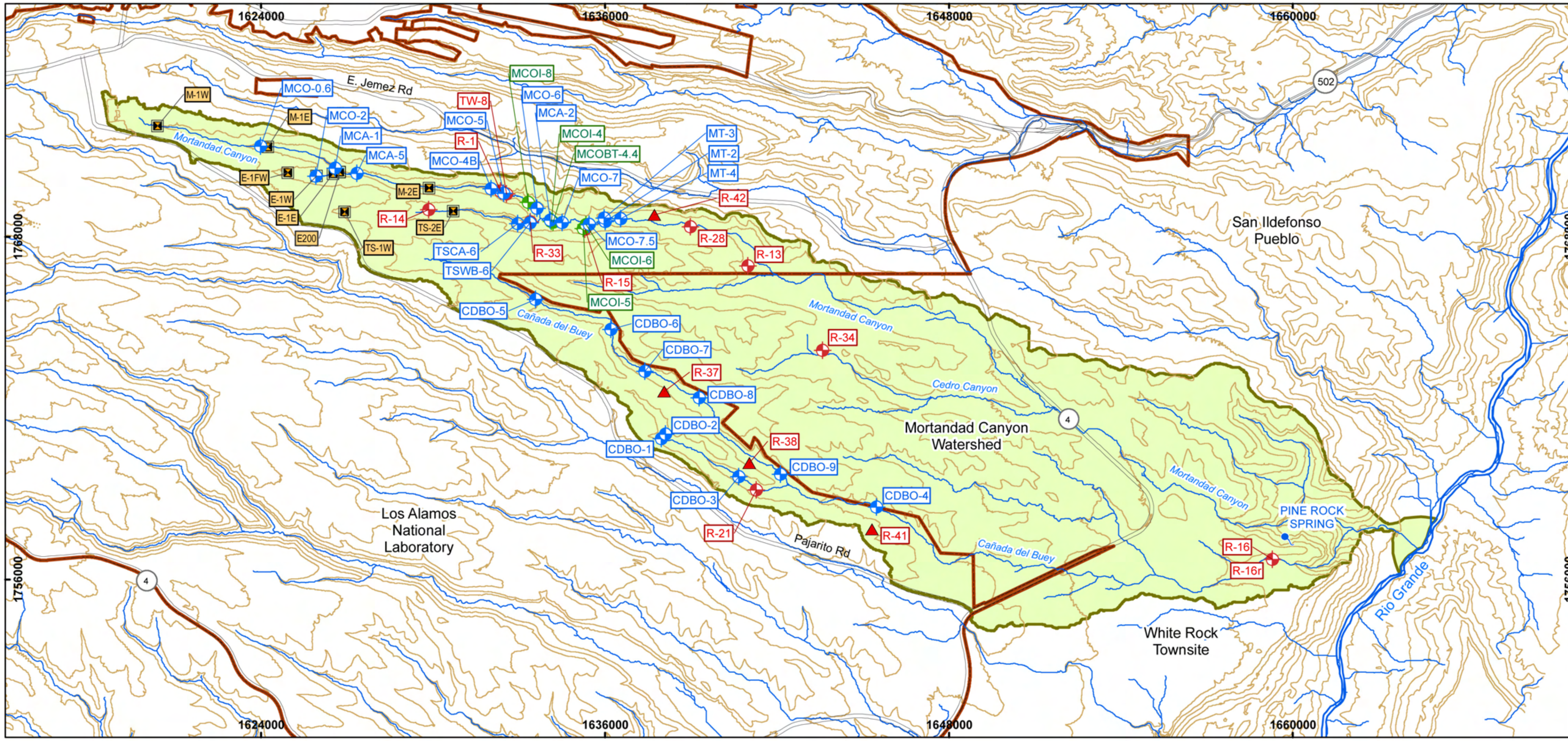


Figure 3.4-1 Sandia watershed



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Miles
0 0.25 0.5 1

State Plane Coordinate System
New Mexico, Central Zone
NAD 1983

Mortandad Canyon Watershed

Map 08-0047-4
EP-WES EDA
Cartography: M. Oudejans
May 9, 2008

This map was created for work purposes associated with the Mortandad Canyon Watershed PMR. All other uses for this map should be confirmed with LANL Environmental Programs

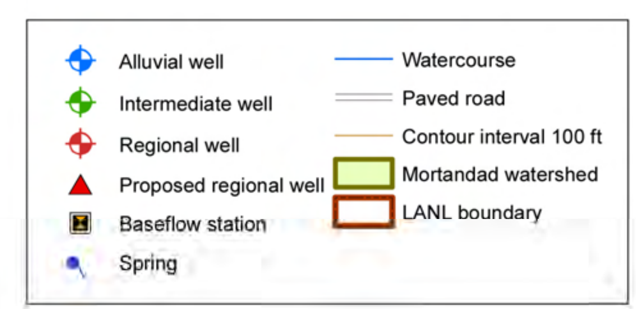

Figure 4.4-1 Mortandad watershed

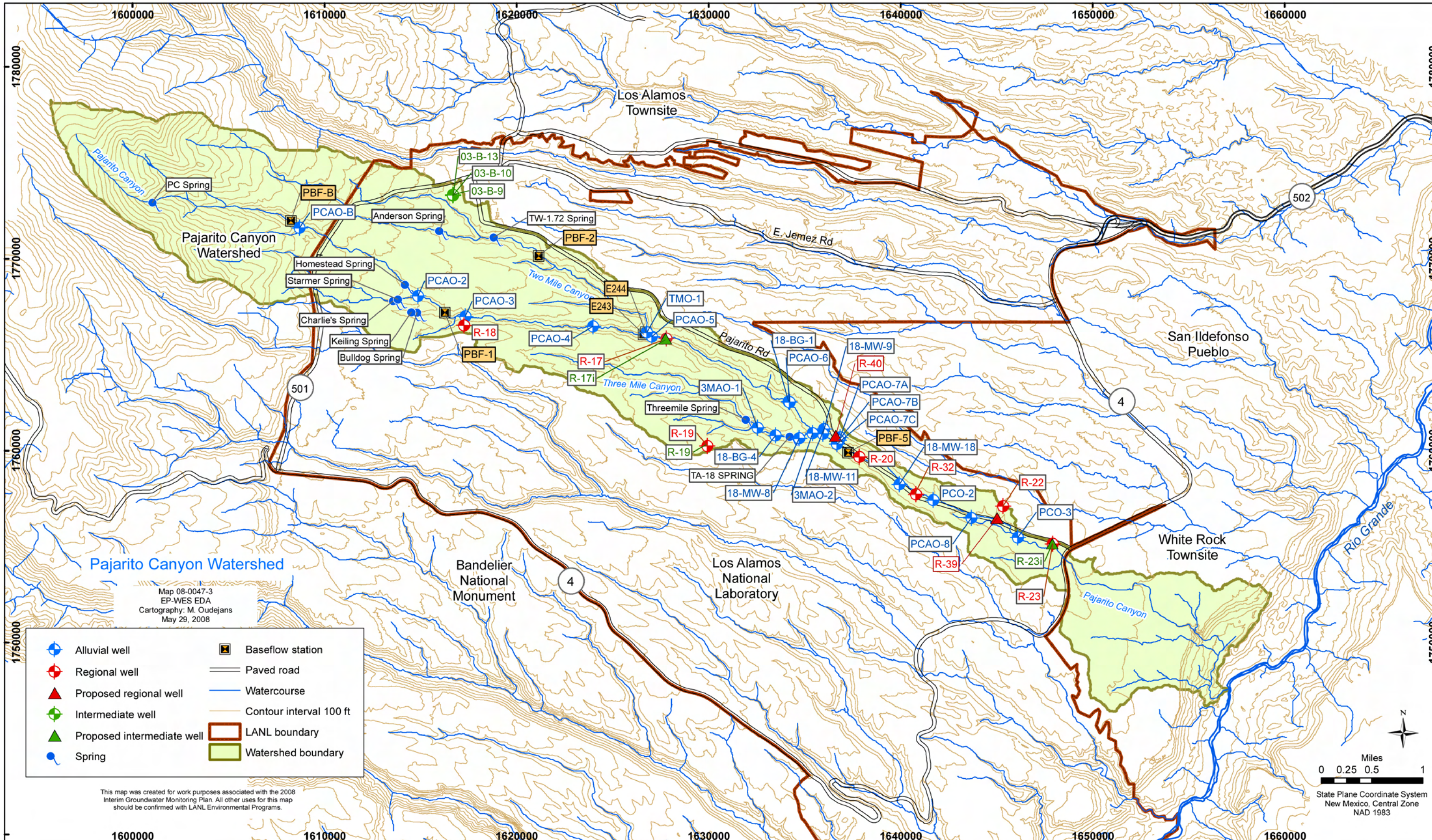

Figure 5.4-1 Pajarito watershed

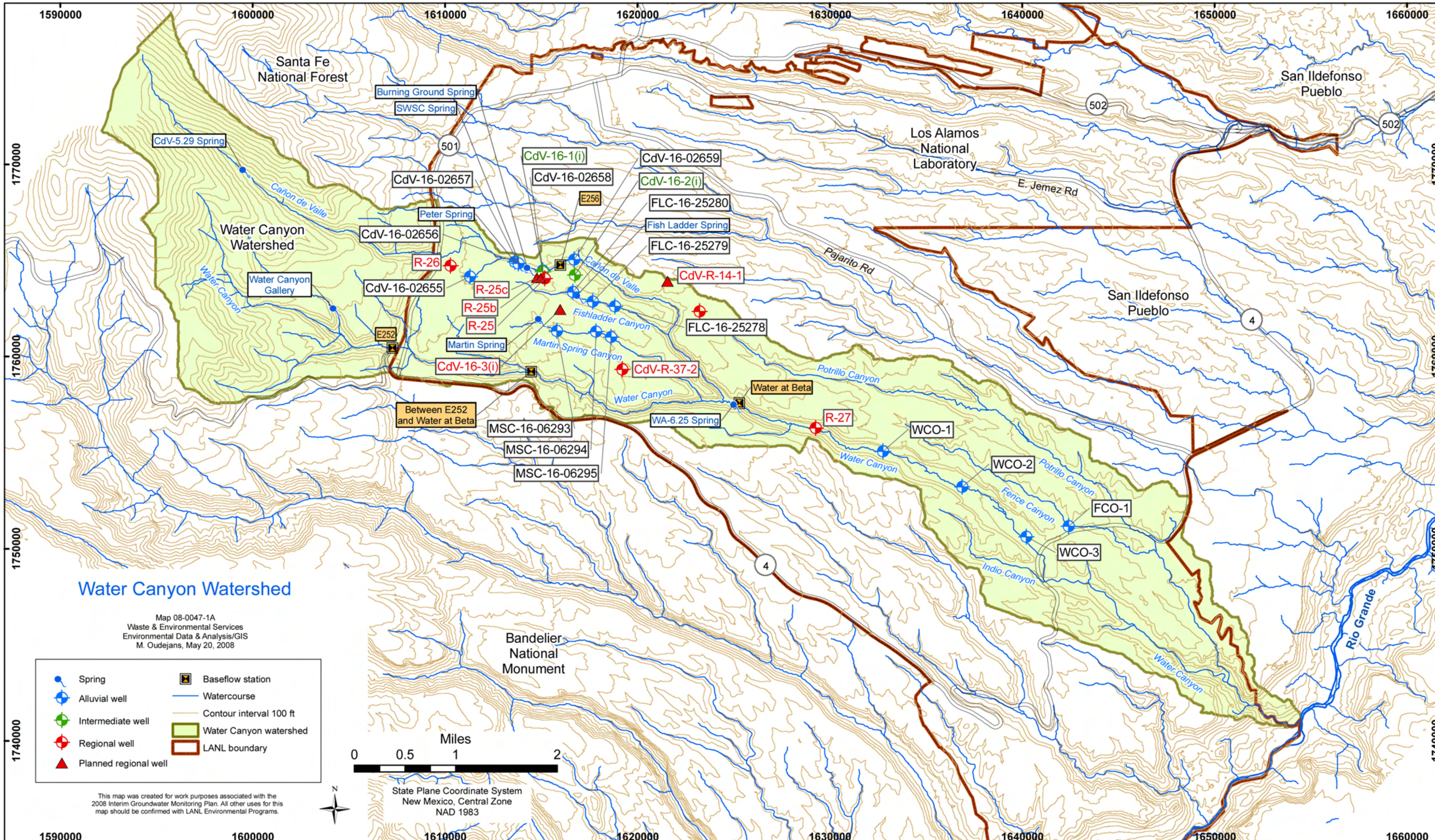

Figure 6.4-1 Water watershed

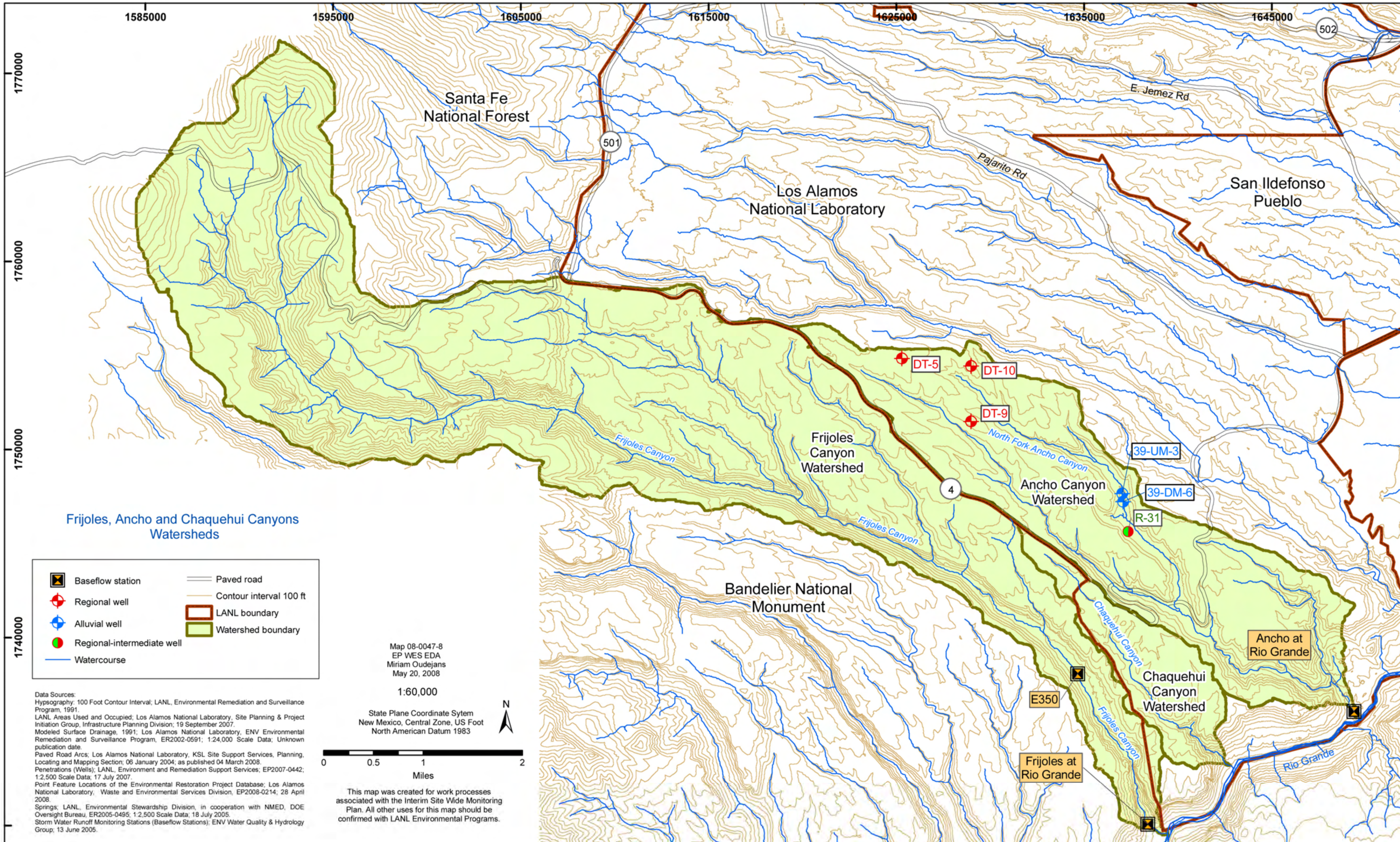

Figure 7.4-1 Frijoles, Ancho, and Chaquehui watersheds

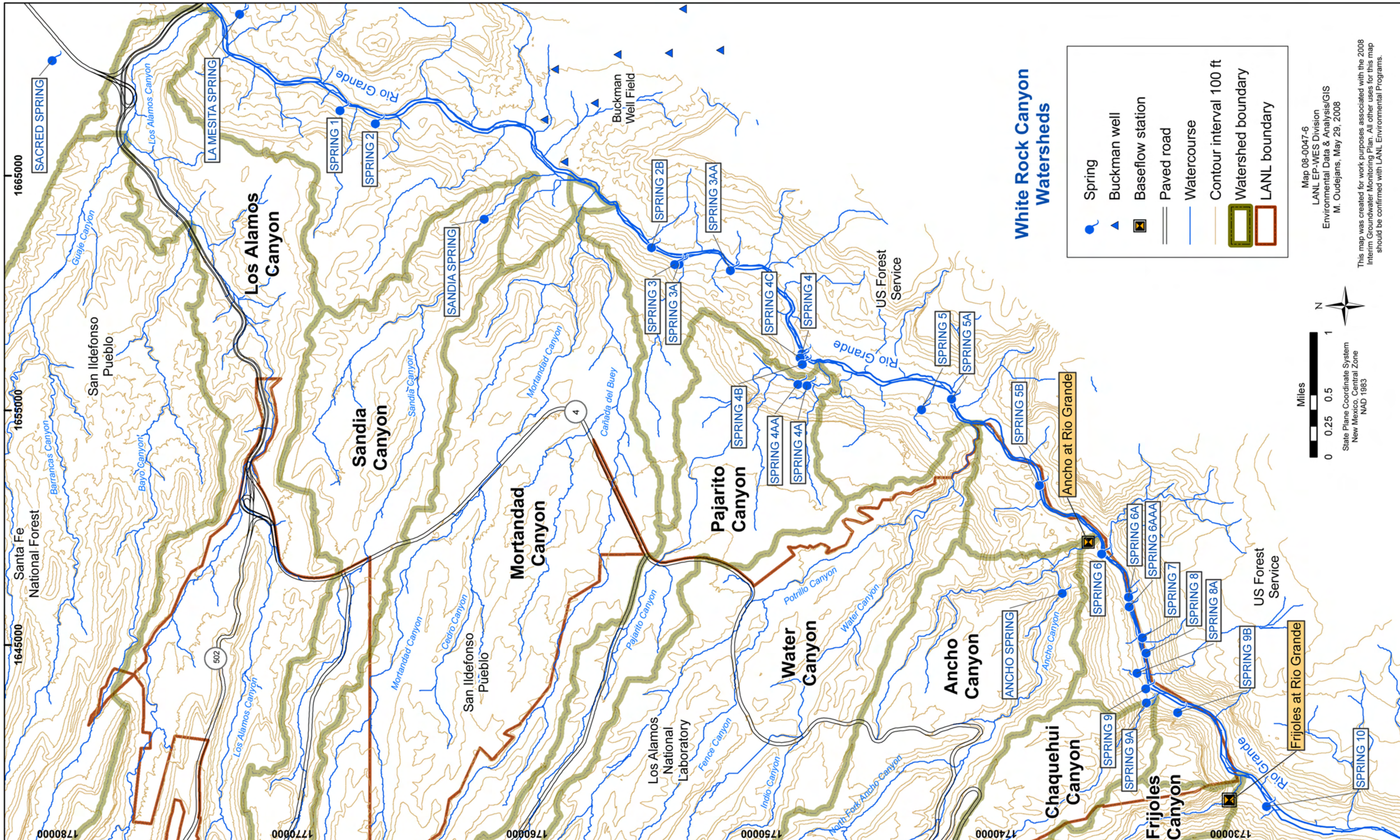

Figure 8.4-1 White Rock Canyon

Table 1.7-1
Applicable Standards Used in Watershed Screening

Type	Group	Abbrev	Source	Standard	Potentially Applicable to: Surface Water, Filtered	Potentially Applicable to: Surface Water, Unfiltered	Potentially Applicable to: Groundwater, Filtered	Potentially Applicable to: Groundwater, Unfiltered
Standard	WQCC	LWF	NMAC 20.6.4	Livestock Watering (Filtered)	X			
Standard	WQCC	LWU	NMAC 20.6.4	Livestock Watering (Unfiltered)		X		
Standard	WQCC	WHU	NMAC 20.6.4	Wildlife Habitat (Unfiltered)		X		
Standard	WQCC	Ir	NMAC 20.6.4	Irrigation Standard (Filtered)	X			
Standard	WQCC	AqAcF	NMAC 20.6.4	Aquatic Life Acute (Filtered) 100-mg/L Hardness[a]	X			
Standard	WQCC	AqAcU	NMAC 20.6.4	Aquatic Life Acute (Unfiltered) 100-mg/L Hardness[a]		X		
Standard	WQCC	HHF	NMAC 20.6.4	Human Health Standards Ephemeral (Filtered)	X			
Standard	WQCC	HHU	NMAC 20.6.4	Human Health Ephemeral Standards (Unfiltered)		X		
Standard	WQCC	AqChrF	NMAC 20.6.4	Aquatic Life Chronic[b] (Filtered) 100-mg/L Hardness[a]	X			
Standard	WQCC	AqChrU	NMAC 20.6.4	Aquatic Life[b] (Unfiltered) 100-mg/L Hardness[a]		X		
Standard	WQCC	HHPF	NMAC 20.6.4	Human Health Standard[b] Perennial (Filtered)	X			
Standard	WQCC	HHPU	NMAC 20.6.4	Human Health Standard[b] Perennial (Unfiltered)		X		
Risk—ecological	DOE	BCG		DOE Biota Concentration Guides (BCG)	X	X		
Standard	WQCC	GWHH	NMAC 20.6.2	Groundwater Human Health Standards, Other Standards for Domestic Water Supply and Standards for Irrigation Use			X	X
Standard	EPA	MCL	CFR 264.94	EPA maximum contaminant level (MCL)			X	X
Standard	EPA	SMCL	WWW	EPA secondary maximum contaminant level (SMCL) radionuclides only			X	X

Table 1.7-1 (continued)

Type	Group	Abbrev	Source	Standard	Potentially Applicable to			
					Surface Water		Groundwater	
					Filtered	Unfiltered	Filtered	Unfiltered
Risk—human	DOE	DCG	Order 5400.5	DOE 4 mrem Drinking Water Derived Concentration Guidelines (DCG)	X	X	X	X
Risk—human	EPA Region 6	Reg6	WWW	EPA Region 6 Tap Water	X	X	X	X

Notes: RCRA MCLs not in Consent Order but are applicable.

- The EPA Region 6 tap water values for cancer endpoint have been adjusted from 10^{-6} to 10^{-5} risk level.
- Stormwater samples are not included.
- Water screen steps:
  1. Assemble list of analytes by field preparation (F, NF) and water type (e.g., surface water and alluvial groundwater).
  2. Compare to minimum standard that applies for the field preparation and water type (EPA Region 6 Tap Water values and EPA MCLs are used in the absence of other standards).

[a] Hardness-dependent criteria calculated using 100 mg/L $CaCO_3$.

[b] Aquatic Life Chronic and Human Health Perennial standards apply to perennial surface waters in designated portions of listed canyons (NMAC 20.6.4 Sections 126 & 127).

Table 2.4-1
Los Alamos Watershed Interim Monitoring Plan

				Analytical Suites															
				Metals[b,c]	Organics[b]						Radionuclides[b,d]			General Inorganics[b,e]					Field Data[b]
Location	Rationale for Selection of Location	Surface-Water Body or Source Aquifer	Water Level or Flow[a]	TAL Metals	VOC +TICs	SVOC +TICs	Pesticides	PCB	HEXP[f]	Dioxins/Furans	RAD	Tritium	Low Level Tritium	Gen Inorganics	Indicator Suite[g]	Perchlorate (LCMSMS)	Stable Isotopes	Suspended Sediment Concentration	DO,ORP, pH,SC,T,Trb
Upper Los Alamos Canyon (includes DP Canyon)																			
Los Alamos below the Ice Rink (E026)	Typically persistent flow. Monitors background water quality.	Base flow	C	A	A	A		S			A			A		A		S	S
Los Alamos above DP Canyon (E030)	Seasonally intermittent flow. Persistent flow typically only during spring runoff. Monitors water quality from potential runoff from SWMUs and AOCs in TA-01, TA-02, and TA-41.	Base flow	C	A	A	A		S			A			A		A		S	S
DP above TA-21 (E038)	Monitors baseline water quality in DP Canyon associated with townsite runoff. Monitors water quality upgradient of potential effects from SWMU 21-011(k) in reach DP-2.	Base flow	C	A	A	A+dro		S			A			A		A		S	S
DP below Meadow at TA-21 (E039)	Monitors water quality associated with contaminants in reach DP-2 associated with SWMU 21-011(k).	Base flow	C	A	A	A		S			A			A		A		S	S
Los Alamos above SR-4 (E042)	Ephemeral. Persistent flow uncommon, typically only during significant spring runoff. Monitors potential effects from DP and upper Los Alamos Canyons and water quality above the low-head weir. Data from this location is used to evaluate weir performance.	Base flow	C	A	A	A		S			A			A		A		S	S
Los Alamos below LA Weir (E050)	Ephemeral. Monitors water quality at Laboratory boundary and influence of low-head weir on surface-water quality.	Base flow	C	A	A	A		S			A			A		A		S	S
DP Spring	Monitors water quality from secondary contaminant sources in DP Canyon sediments.	Alluvial Spring	A	A				A			A		A	A		A	A	A	A
LAO-B	Monitors background alluvial groundwater quality.	Alluvial	C	A	A	A					A		A	A		A	A		A
LAO-0.3	Monitors baseline water quality downcanyon of townsite runoff and provides baseline for assessing potential effects of runoff from SWMUs and AOCs in TA-01, TA-02, and TA-41.	Alluvial	C	A	A	A		A			A		A	A		A	A		A
LAO-0.6	Monitors for potential effects from SWMUs and AOCs in TA-41 and TA-02.	Alluvial	C	A	A	A					A		A	A		A	A		A
LAO-1	Monitors potential impact of SWMUs and AOCs in TA-01, TA-02, and TA-04 and sediment contamination in upcanyon reaches.	Alluvial	C	A	A	A					A		A	A		A	A		A
LAO-1.6g	Monitors molybdenum contamination historically associated with TA-53 outfall.	Alluvial	C	A	A	A					A		A	A		A	A		A
LAO-1.8	Monitors molybdenum contamination historically associated with TA-53 outfall.	Alluvial	C	A	A	A					A		A	A		A	A		A
LAUZ-1	Monitors groundwater contamination associated with contaminated sediments in Reach DP-2.	Alluvial	C	A	A	A					A		A	A		A	A		A
LAO-2	Most downcanyon alluvial groundwater monitoring point in DP Canyon. Monitors cumulative effects of contaminants in DP Canyon. Shows some mixing of alluvial groundwater from upper portions of Los Alamos Canyon.	Alluvial	C	A	A	A					A		A	A		A	A		A

Table 2.4-1 (continued)

Location	Rationale for Selection of Location	Surface-Water Body or Source Aquifer	Water Level or Flow[a]	Analytical Suites															
				Metals[b,c]	Organics[b]						Radionuclides[b,d]			General Inorganics[b,e]					Field Data[b]
				TAL Metals	VOC +TICs	SVOC +TICs	Pesticides	PCB	HEXP[f]	Dioxins/Furans	RAD	Tritium	Low Level Tritium	Gen Inorganics	Indicator Suite[g]	Perchlorate (LCMSMS)	Stable Isotopes	Suspended Sediment Concentration	DO,ORP, pH,SC,T,Trb
LAO-3a	Located just downcanyon of the confluence of Los Alamos and DP Canyons. Monitors net effect of mixing of alluvial groundwater from Los Alamos and DP Canyons.	Alluvial	C	A	A	A		A			A		A	A		A	A		A
LAO-4.5c	Monitors for indications of downcanyon migration of contamination below Los Alamos/DP Canyon confluence.	Alluvial	C	A	A	A					A		A	A		A	A		A
LAO-5, LAO-6, LAO-6a	Monitors potential contaminant migration from upper canyon and serves as facility boundary monitoring location. One or more of these wells may be dry so the wells are grouped as one location. The well with sufficient saturation will be sampled.	Alluvial	C	A	A	A		A			A		A	A		A	A		A
LAOI(a)-1.1	The LA/Pueblo network evaluation determined this well meets network monitoring objectives. Monitors for potential contaminants from upper Los Alamos Canyon, DP Canyon, and TA-21.	Intermediate	C	A	A						A		S	S		S	A		S
R-7 screen 1	Monitors for potential contaminants from upper Los Alamos Canyon, DP Canyon, and TA-21. Generally no water is present in the screen. Monitoring for water levels will continue, and the well will be sampled if water is present.	Intermediate	C	A	A						A		S	S		S	A		S
R-7 screen 2	Monitors for potential contaminants from upper Los Alamos Canyon, DP Canyon, and TA-21. Generally no water is present in the screen. Monitoring for water levels will continue and the well will be sampled if water is present.	Intermediate	C	A	A						A		S	S		S	A		S
LAOI-3.2	The LA/Pueblo network evaluation determined this well meets network monitoring objectives. Monitors for potential contaminants from upper Los Alamos Canyon, DP Canyon, and TA-21.	Intermediate	C	A	A						A	S		S		S	A		S
LAOI-3.2a	The LA/Pueblo network evaluation determined this well meets network monitoring objectives. Monitors for potential contaminants from upper Los Alamos Canyon, DP Canyon, and TA-21.	Intermediate	C	A	S	S					A	S		S		S	A		S
R-9i screen 1	The LA/Pueblo network evaluation determined this well meets network monitoring objectives. Monitors downgradient location for potential contaminants from upper Los Alamos Canyon, DP Canyon, and TA-21 or possibly Pueblo Canyon.	Intermediate	C	A	A						A		S	S		S	A		S
R-9i screen 2	The LA/Pueblo network evaluation determined this well meets network monitoring objectives. Monitors downgradient location for potential contaminants from upper Los Alamos Canyon, DP Canyon, and TA-21 or possibly Pueblo Canyon.	Intermediate	C	A	A						A		S	S		S	A		S
R-6i	The LA/Pueblo network evaluation determined this well meets network monitoring objectives. Monitors for potential contaminants from upper Los Alamos Canyon, DP Canyon, and TA-21.	Intermediate	C	A	S	S					A	S		S		S	A		S

Table 2.4-1 (continued)

Location	Rationale for Selection of Location	Surface-Water Body or Source Aquifer	Water Level or Flow[a]	Analytical Suites															
				Metals[b,c]	Organics[b]						Radionuclides[b,d]			General Inorganics[b,e]					Field Data[b]
				TAL Metals	VOC +TICs	SVOC +TICs	Pesticides	PCB	HEXP[f]	Dioxins/Furans	RAD	Tritium	Low Level Tritium	Gen Inorganics	Indicator Suite[g]	Perchlorate (LCMSMS)	Stable Isotopes	Suspended Sediment Concentration	DO,ORP, pH,SC,T,Trb
LAOI-7	The LA/Pueblo network evaluation determined this well meets network monitoring objectives. Monitors downgradient location for potential contaminants from upper Los Alamos Canyon, DP Canyon, and TA-21.	Intermediate	C	A	A						A	S		S		S	A		S
LADP-3	The LA/Pueblo network evaluation determined this well meets network monitoring objectives. Monitors downgradient location for potential contaminants from upper Los Alamos Canyon, DP Canyon, and TA-21.	Intermediate	C	A	A						A		S	S		S	A		S
TW-3	This well is being used as a monitoring location specific for evaluation of potential impacts to water-supply well Otowi-1. Because the well does not produce fully representative data as a result of corrosion, it will be used to monitor for tritium only.	Regional											S						S
R-7 screen 3	The LA/Pueblo network evaluation determined this well conditionally meets network monitoring objectives. Monitors for potential tritium released from upper Los Alamos Canyon, DP Canyon, and TA-21. Sample for watershed-specific indicator suite.	Regional	C										S		S				S
R-6	The LA/Pueblo network evaluation determined this well meets network monitoring objectives. Monitors for potential contaminants from upper Los Alamos Canyon, DP Canyon, and TA-21.	Regional	C	A	A						A		S	S		S	A		S
R-8 screen 1	The LA/Pueblo network evaluation determined this well meets network monitoring objectives. Monitors downgradient location for potential contaminants from upper Los Alamos Canyon, DP Canyon, and TA-21.	Regional	C	A	A						A		S	S		S	A		S
R-8 screen 2	The LA/Pueblo network evaluation determined this well meets network monitoring objectives. Monitors downgradient location for potential contaminants from upper Los Alamos Canyon, DP Canyon, and TA-21.	Regional	C	A	A						A		S	A		A	A		S
R-9	The LA/Pueblo network evaluation determined this well meets network monitoring objectives. Monitors downgradient location for potential contaminants from upper Los Alamos Canyon, DP Canyon, and TA-21 or possibly Pueblo Canyon.	Regional	C	A	A						A		S	S		S	A		S
Pueblo Canyon (includes Acid Canyon)																			
Guaje above Rendija Canyon (E089)	Lower extent of perennial flow in Guaje Canyon. Background base-flow location.	Base flow	S	A	A	A					A			A		A		A	A
Pueblo above Acid (E055)	Monitors water quality predominantly for assessing impacts of townsite runoff.	Base flow	C	A	A	A		A			A			A		A		A	A
Acid Above Pueblo (E056)	Monitors water quality in persistent surface water in lower Acid Canyon to assess cumulative affects of residual source term in the Acid Canyon basin.	Base flow	C	A	A	A		A			A			A		A		A	A

Table 2.4-1 (continued)

Location	Rationale for Selection of Location	Surface-Water Body or Source Aquifer	Water Level or Flow[a]	Analytical Suites																
				Metals[b,c]	Organics[b]						Radionuclides[b,d]			General Inorganics[b,e]					Field Data[b]
				TAL Metals	VOC +TICs	SVOC +TICs	Pesticides	PCB	HEXP[f]	Dioxins/Furans	RAD	Tritium	Low Level Tritium	Gen Inorganics	Indicator Suite[g]	Perchlorate (LCMSMS)	Stable Isotopes	Suspended Sediment Concentration	DO,ORP, pH,SC,T,Trb
Pueblo 3	Baseline for water quality below new Wastewater Treatment Plant in Pueblo Canyon. Monitors downcanyon trend of contaminants measured at Reach AC-3 SW.	Base flow	S	A	A	A		A		A	A			A		A		A	A
Pueblo above SR-502 (E060)	Boundary location	Base flow	C	A	A	A		A		A	A			A		A		A	A
PAO-1	Monitors groundwater quality in Pueblo Canyon immediately above confluence with Acid Canyon.	Alluvial	C	A	A	A					A		A	A		A	A		A
PAO-2	Monitors groundwater immediately below Acid Canyon confluence.	Alluvial	C	A	A	A		A			A		A	A		A	A		A
Pueblo Canyon (includes Acid Canyon)																			
PAO-4	Monitoring below new Bayo WWTP to evaluate potential influence of effluent.	Alluvial	C	A	A	A				A	A		A	S		S	A		S
APCO-1	Monitoring below new Bayo WWTP to evaluate potential influence of effluent. Most downcanyon monitoring point in Pueblo Canyon.	Alluvial	C	A	A	A		A		A	A		A	S		S	A		S
POI-4	The LA/Pueblo network evaluation determined this well meets network monitoring objectives. Monitors for potential contaminants from upper Pueblo and Acid Canyons.	Intermediate	C	A	A						A		S	S		S	A		S
R-3i	The LA/Pueblo network evaluation determined this well meets network monitoring objectives. Monitors perched-intermediate water along the potential infiltration pathway originating in lower Pueblo Canyon.	Intermediate	C	A	S	S					A		S	S		S	A		S
R-5 screen 1	Monitors for potential contaminants from upper Pueblo and Acid Canyons. Generally no water is present in the screen. Monitoring for water levels will continue and the well will be sampled if water is present.	Intermediate		A	A						A		S	S		S	A		S
R-5 screen 2	The LA/Pueblo network evaluation determined this well meets network monitoring objectives. Monitors for potential contaminants from upper Pueblo and Acid Canyons.	Intermediate	C	A	A						A		S	S		S	A		S
TW-4	The Los Alamos/Pueblo network evaluation determined this well does not meet network monitoring objectives because evidence of well-casing corrosion was found. Well is maintained for water-level monitoring only.	Regional	C																
R-2	The LA/Pueblo network evaluation determined this well meets network monitoring objectives. Monitors for potential contaminants from upper Pueblo and Acid Canyons.	Regional	C	A	A						A		S	S		S	A		S
R-4	The LA/Pueblo network evaluation determined this well meets network monitoring objectives. Monitors for potential contaminants from upper Pueblo and Acid Canyons.	Regional	C	A	A						A		S	S		S	A		S

Table 2.4-1 (continued)

Location	Rationale for Selection of Location	Surface-Water Body or Source Aquifer	Water Level or Flow[a]	Analytical Suites: Metals[b,c]	Organics[b]						Radionuclides[b,d]			General Inorganics[b,e]					Field Data[b]
				TAL Metals	VOC +TICs	SVOC +TICs	Pesticides	PCB	HEXP[f]	Dioxins/Furans	RAD	Tritium	Low Level Tritium	Gen Inorganics	Indicator Suite[g]	Perchlorate (LCMSMS)	Stable Isotopes	Suspended Sediment Concentration	DO,ORP, pH,SC,T,Trb
R-5 screen 3	The LA/Pueblo network evaluation determined this well meets network monitoring objectives. Monitors for potential contaminants from upper Pueblo and Acid Canyons.	Regional	C	A	A						A		S	S		S	A		S
R-5 screen 4	The LA/Pueblo network evaluation determined this well conditionally meets network monitoring objectives. Monitors for potential contaminants from upper Pueblo and Acid Canyons. Sample for watershed-specific indicator suite.	Regional	C										S	S	S	S			S
R-24	The LA/Pueblo network evaluation determined this well meets network monitoring objectives. Monitors for potential contaminants from upper Pueblo and Acid Canyons and Guaje Canyon.	Regional	C	A	A						A		S	S		S	A		S
Lower Los Alamos Canyon																			
Lower Los Alamos Canyon (E110).	Measures quality of persistent surface water near confluence of Los Alamos Canyon and Rio Grande. The location is also used for stormwater monitoring under other regulatory programs.	Base flow	S	S	A	A					A		A	S		S		S	S
Basalt Spring	Basalt spring water quality indicates a direct relation to alluvial perched-intermediate groundwater in lower Pueblo Canyon. Emergence of this spring allows monitoring of groundwater just downgradient of Laboratory boundary.	Intermediate Spring	S	S							A		S	S		S	A	S	S
Los Alamos Spring	Los Alamos Spring water quality indicates a relation to perched-intermediate groundwater possibly originating beneath Los Alamos Canyon.	Intermediate Spring	A	A							A		A	A		A	A	A	A
LLAO-1b	Monitoring upper portion of San Ildefonso Pueblo reach. Water quality is consistent with recharge of water that emerges at Basalt Spring.	Alluvial	C	A	A	A					A		A	S		S	A		S
LLAO-4	Monitors lower San Ildefonso Pueblo reach near confluence with Rio Grande. Water quality appears to reflect mixing with regional groundwater near the Rio Grande.	Alluvial	C	A	A	A		A			A		A	S		S	A		S

Note: Empty cells denote analytes will not be sampled at this location.

[a] Sampling frequency: C = continuous; Q = quarterly (4 times/yr at set time periods); S = semiannual (2 times/yr at set time periods); A = annual (1 time/yr).
Continuous monitoring for groundwater refers to the measurement of groundwater-level measurements by a transducer placed in a well and programmed to collect groundwater-level measurements at highly frequent intervals (e.g., every 60 min daily throughout the year). Continuous stream-flow monitoring refers to the measurement of stream flow by a base-flow stream gage that is programmed to collect stream-flow measurements at highly frequent intervals.

[b] Nonfiltered and filtered samples will be collected for general inorganics (excluding anions) and metals. Anions and perchlorate samples will be filtered. Samples collected for radionuclide analysis will be filtered and nonfiltered for all water media, excluding tritium, which is nonfiltered only. Organic constituents are nonfiltered for all water media. Stable isotope samples for nitrogen isotopes are filtered; stable isotope samples for deuterium and oxygen isotopes are not filtered. Field parameters pH, turbidity (Trb), specific conductance (SC), dissolved oxygen (DO), and temperature (T) will be measured at all locations. Oxidation-reduction potential (ORP) will be measured if a flow-through cell is utilized and will not be measured in surface water, spring water, or water collected from Westbay sampling systems unless specified.

[c] Metals analysis includes the 23 TAL metals, plus boron, molybdenum, silica, strontium, tin, and uranium.

[d] Rad (radiological) suite includes gross alpha, gross beta, alpha spec, gamma spec, and strontium-90.

[e] General inorganic analysis includes major anions (bromide, chloride, fluoride, sulfate), major cations (calcium, magnesium, sodium, potassium), nitrate plus nitrite (as N), TKN, ammonia, phosphate, total organic carbon (TOC), total dissolved solids (TDS), alkalinity, SC, and pH.

[f] The analytical suite of HEXP includes the Consent Order list of the normal SW-846:8330 analytes plus pentaerythritol tetranitrate (PETN), triaminotrinitrobenzene (TATB), 3,5-dinitroaniline, tris(o-cresyl)phosphate (TOCP), 2,4-diamino-6-nitrotoluene, and 2,6-diamino-4-nitrotoluene. These are analyzed by SW-846:8321A. The "RDX-DP" superscript designates analysis for the hexahydro-1,3,5-trinitro-1,3,5-triazine (RDX) degradation products hexahydro-1-nitroso-3,5-dinitro-1,3,5-triazine (MNX); hexahydro-1,3-nitro-1,3,5-triazine (DNX); and hexahydro-1,3,5-trinitroso-1,3,5-triazine (TNX), which are analyzed by SW-846:8330.

[g] Indicator suite includes major anions and cations (including metals), nitrate plus nitrite (as N), alkalinity, pH, TOC, and, as needed, sulfide, ammonia, TKN, and perchlorate.

Table 3.4-1
Sandia Watershed Interim Monitoring Plan

				Analytical Suites															
				Metals[b,c]	Organics[b]						Radionuclides[b,d]			General Inorganics[b,e]					Field Data[b]
Locations	Rationale for Selection of Locations	Surface-Water Body or Source Aquifer	Water Level or Flow[a]	TAL Metals	VOC +TICs	SVOC +TICs	Pesticides	PCB	HEXP[f]	Dioxins/Furans	RAD	Tritium	Low Level Tritium	Gen Inorganics	Indicator Suite[g]	Perchlorate (LCMSMS)	Stable Isotopes	Suspended Sediment Concentration	DO,ORP, pH,SC,T,Trb
South Fork of Sandia Canyon at E122	Monitors water quality of base flow that is predominantly from effluent from NPDES outfall 01A-001. Serves as baseline for comparison to downcanyon changes in water quality, especially in the wetland.	Base flow	Q	Q	A	A		Q			A			Q		A		Q	Q
Sandia below Wetlands (E123)	Monitors water quality of flow from wetland.	Base flow	Q	Q	A	A		Q			A			Q		A		Q	Q
Middle Sandia Canyon at terminus of persistent baseflow	Most downcanyon characterization of water quality before surface water infiltrates into alluvium.	Base flow	Q	Q	A	A		Q			A			Q		A		Q	Q
SCA-1	One of a group of new alluvial wells installed under chromium interim measures work plan. SCA-1 characterizes lower wetland area.	Alluvial	C	Q	A	A		Q			A		A	Q		A	A		Q
SCA-2	SCA-2 is located at the upper portion of the lower canyon where the valley floor first opens up and the first significant alluvial storage is present along the canyon.	Alluvial	C	Q	Q	A		Q			A		A	Q		A	A		Q
SCA-3	SCA-3 is located in the canyon within a thick (~20–30 ft) alluvial deposit in the lower canyon. Monitors water quality associated with ongoing effluent releases and secondary source term in canyon sediments. Water-level data from the Sandia Canyon alluvial wells is key to the understanding of water balance from the outfall in the upper canyon.	Alluvial	C	Q	Q	A		Q			A		A	Q		A	A		Q
SCA-4	SCA-4 is located approximately mid-way between SCA-3 and the eastern-most drainage from the TA-53 complex. Monitors water quality associated with ongoing effluent releases and secondary source term in canyon sediments. Water-level data from the Sandia Canyon alluvial wells is key to the understanding of water balance from the outfall in the upper canyon.	Alluvial	C	Q	Q	A		Q			A		A	Q		A	A		Q
SCA-5	SCA-5 is located just downcanyon of the eastern-most drainage from the TA-53 complex. Monitors water quality associated with ongoing effluent releases and secondary source term in canyon sediments. Water-level data from the Sandia Canyon alluvial wells is key to the understanding of water balance from the outfall in the upper canyon.	Alluvial	C	Q	Q	A		Q			A		A	Q		A	A		Q
SCO-1	Typically dry well since installed. Demonstrates distal extent of alluvial groundwater saturation in lower Sandia Canyon. Sampled if groundwater is present during sampling events.	Alluvial	Q	Q	Q	A		Q			A		A	Q		A	A		Q

Table 3.4-1 (continued)

Locations	Rationale for Selection of Locations	Surface-Water Body or Source Aquifer	Water Level or Flow[a]	Analytical Suites															
				Metals[b,c]	Organics[b]						Radionuclides[b,d]			General Inorganics[b,e]					Field Data[b]
				TAL Metals	VOC +TICs	SVOC +TICs	Pesticides	PCB	HEXP[f]	Dioxins/Furans	RAD	Tritium	Low Level Tritium	Gen Inorganics	Indicator Suite[g]	Perchlorate (LCMSMS)	Stable Isotopes	Suspended Sediment Concentration	DO,ORP, pH,SC,T,Trb
SCO-2	Typically dry well; dry since installed. Demonstrates distal extent of alluvial groundwater saturation in lower Sandia Canyon. Sampled if groundwater is present during sampling events	Alluvial	Q	Q	Q	A		Q			A		A	Q		A	A		Q
R-12 screen 1	The fate and transport report for chromium contamination in groundwater determined this well conditionally meets network monitoring objectives. Monitors for potential contaminants from Sandia Canyon or possibly Los Alamos or Pueblo Canyons. Sample for watershed-specific indicator suite.	Intermediate	C										Q	Q	Q	Q			Q
R-12 screen 2	The fate and transport report for chromium contamination in groundwater determined this well meets network monitoring objectives. Monitors for potential contaminants from Sandia Canyon or possibly Los Alamos or Pueblo Canyons.	Intermediate	C	Q	Q						A		Q	Q		Q	A		Q
SCI-1	Monitors along the key infiltration pathway in Sandia Canyon.	Intermediate	C	Q	A						A		Q	Q		Q	A		Q
SCI-2	New well planned for installation in 2008. Conditions in the vadose zone (saturation, contamination, etc.) will dictate whether the well will be completed as a perched-intermediate or regional well. This location is important for monitoring along the key infiltration pathway in Sandia Canyon.	Intermediate/ Regional	C	Q	A						A		Q	Q		Q	A		Q
R-10 screen 1	The fate and transport report for chromium contamination in groundwater determined this well meets network monitoring objectives. Monitors for potential contaminants from Sandia Canyon or possibly Los Alamos or Pueblo Canyons.	Regional	C	Q	A						A		Q	Q		Q	A		Q
R-10 screen 2	The fate and transport report for chromium contamination in groundwater determined this well meets network monitoring objectives. Monitors for potential contaminants from Sandia Canyon or possibly Los Alamos or Pueblo Canyons.	Regional	C	Q	A						A		Q	Q		Q	A		Q
R-10a	The fate and transport report for chromium contamination in groundwater determined this well meets network monitoring objectives. Monitors for potential contaminants from Sandia Canyon or possibly Los Alamos or Pueblo Canyons.	Regional	C	Q	A						A		Q	Q		Q	A		Q
R-11	The fate and transport report for chromium contamination in groundwater determined this well meets network monitoring objectives. Monitors for potential contaminants from Sandia Canyon or possibly Los Alamos Canyon.	Regional	C	Q	A						A		Q	Q		Q	A		Q
R-35a	Key nature and extent and sentinel monitoring location of the chromium contamination in the regional groundwater upgradient of this location. This is the lower screen of the R-35 pair and is located within the upper louvered section of water-supply well PM-3.	Regional	C	Q	A						A		Q	Q		Q	A		Q

Table 3.4-1 (continued)

Locations	Rationale for Selection of Locations	Surface-Water Body or Source Aquifer	Water Level or Flow[a]	Analytical Suites															
				Metals[b,c]	Organics[b]						Radionuclides[b,d]			General Inorganics[b,e]					Field Data[b]
				TAL Metals	VOC +TICs	SVOC +TICs	Pesticides	PCB	HEXP[f]	Dioxins/Furans	RAD	Tritium	Low Level Tritium	Gen Inorganics	Indicator Suite[g]	Perchlorate (LCMSMS)	Stable Isotopes	Suspended Sediment Concentration	DO,ORP, pH,SC,T,Trb
R-35b	Key nature and extent and sentinel monitoring location for the chromium contamination in the regional groundwater upgradient of this location. This is the upper screen of the R-35 pair and is located near the water table above the louvered section of water-supply well PM-3.	Regional	C	Q	A						A		Q	Q		Q	A		Q
R-36	New regional well completed in 2008 as part of the chromium investigation. Key well for nature and extent and serves as a sentinel well for water-supply well PM-1.	Regional	C	Q	A						A		Q	Q		Q	A		Q

Note: Empty cells denote analytes will not be sampled at this location.

[a] Sampling frequency: C = continuous; Q = quarterly (4 times/yr at set time periods); S = semiannual (2 times/yr at set time periods); A = annual (1 time/yr).
Continuous monitoring for groundwater refers to the measurement of groundwater-level measurements by a transducer placed in a well and programmed to collect groundwater-level measurements at highly frequent intervals (e.g., every 60 min daily throughout the year). Continuous stream-flow monitoring refers to the measurement of stream flow by a base-flow stream gage that is programmed to collect stream-flow measurements at highly frequent intervals.

[b] Nonfiltered and filtered samples will be collected for general inorganics (excluding anions) and metals. Anions and perchlorate samples will be filtered. Samples collected for radionuclide analysis will be filtered and nonfiltered for all water media, excluding tritium, which is nonfiltered only. Organic constituents are nonfiltered for all water media. Stable isotope samples for nitrogen isotopes are filtered; stable isotope samples for deuterium and oxygen isotopes are not filtered. Field parameters pH, turbidity (Trb), specific conductance (SC), dissolved oxygen (DO), and temperature (T) will be measured at all locations. Oxidation-reduction potential (ORP) will be measured if a flow-through cell is utilized and will not be measured in surface water, spring water, or water collected from Westbay sampling systems unless specified.

[c] Metals analysis includes the 23 TAL metals, plus boron, molybdenum, silica, strontium, tin, and uranium.

[d] Rad (radiological) suite includes gross alpha, gross beta, alpha spec, gamma spec, and strontium-90.

[e] General inorganic analysis includes major anions (bromide, chloride, fluoride, sulfate), major cations (calcium, magnesium, sodium, potassium), nitrate plus nitrite (as N), TKN, ammonia, phosphate, TOC, TDS, alkalinity, SC, and pH.

[f] The analytical suite of HEXP includes the Consent Order list of the normal SW-846:8330 analytes plus PETN, TATB, 3,5-dinitroaniline, TOCP, 2,4-diamino-6-nitrotoluene, and 2,6-diamino-4-nitrotoluene. These are analyzed by SW-846:8321A. The "RDX-DP" superscript designates analysis for the RDX degradation products MNX, DNX, and TNX, which are analyzed by SW-846:8330.

[g] Indicator suite includes major anions and cations (including metals), nitrate plus nitrite (as N), alkalinity, pH, TOC, and, as needed, sulfide, ammonia, TKN, and perchlorate.

Table 4.4-1
Mortandad Canyon Watershed Interim Monitoring Plan

Locations	Rationale for Selection of Locations	Surface-Water Body or Source Aquifer	Water Level or Flow[a]	Analytical Suites															
				Metals[b,c]	Organics[b]						Radionuclides[b,d]			General Inorganics[b,e]					Field Data[b]
				TAL Metals	VOC +TICs	SVOC +TICs	Pesticides	PCB	HEXP[f]	Dioxins/Furans	RAD	Tritium	Low Level Tritium	Gen Inorganics	Indicator Suite[g]	Perchlorate (LCMSMS)	Stable Isotopes	Suspended Sediment Concentration	DO,ORP, pH,SC,T,Trb
E-1FW	Upper portion of Effluent Canyon. Monitors surface water baseline for potential effects of contaminant sources farther down Effluent Canyon.	Base flow	S	S	A	A					A			S		S		S	S
Mortandad below Effluent Canyon (E200)	First surface water monitoring location in Mortandad below Effluent Canyon confluence.	Base flow	S	S	A	A					A	A		S		S		S	S
M-1W	Upper Mortandad Canyon. Surface water baseline for Mortandad Canyon.	Base flow	S	S	A	A					A			S		S		S	S
M-1E	Measures cumulative upper Mortandad potential impacts just above confluence of Effluent Canyon.	Base flow	S	S	A	A					A			S		S		S	S
M-2E	Addresses distal end of persistent surface water in watershed.	Base flow	S	S	A	A					A			S		S		S	S
TS-1W	Monitors head of Ten Site drainage and potential impacts from MDA C.	Base flow	S	S	A	A					A			S		S		S	S
TS-2E	Monitors cumulative impacts from TA-35 including contamination in Pratt Canyon.	Base flow	S	S	A	A					A			S		S		S	S
CDBO-1	No water found since installation. No samples have been collected. Sampled if water is present.	Alluvial	S	S	A	A					A		A	S		S	A		S
CDBO-2	No water found since installation. No samples have been collected. Sampled if water is present.	Alluvial	S	S	A	A					A		A	S		S	A		S
CDBO-3	No water found since installation. No samples have been collected. Sampled if water is present.	Alluvial	S	S	A	A					A		A	S		S	A		S
CDBO-4	No water found since installation. No samples have been collected. Sampled if water is present.	Alluvial	S	S	A	A					A		A	S		S	A		S
CDBO-5	No water found since installation. No samples have been collected. Sampled if water is present.	Alluvial	S	S	A	A					A		A	S		S	A		S
CDBO-6	Monitoring required for Sanitary Wastewater Systems (SWS) Discharge Permit.[h,i]	Alluvial	S	S	A	A					A		A	Q		S	A		S
CDBO-7	Does not commonly have sufficient saturation to sample but will be sampled if water is present.	Alluvial	S	S	A	A					A		A	S		S	A		S
CDBO-8	No water found since installation, and no samples have been collected. Will collect sample if water is present.	Alluvial	S	S	A	A					A		A	S		S	A		S
CDBO-9	No water found since installation, and no samples have been collected. Will collect sample if water is present.	Alluvial	S	S	A	A					A		A	S		S	A		S
MCO-0.6	Alluvial groundwater base line for upper Mortandad Canyon.	Alluvial	C	S	A	A					A		A	S		S	A		S
MCA-1	New well. Most downcanyon monitoring point in Mortandad Canyon before confluence of Effluent Canyon.	Alluvial	C	S	A	A					A	A		S		S	A		S

Table 4.4-1 (continued)

				Analytical Suites															
				Metals[b,c]	Organics[b]						Radionuclides[b,d]			General Inorganics[b,e]					Field Data[b]
Locations	Rationale for Selection of Locations	Surface-Water Body or Source Aquifer	Water Level or Flow[a]	TAL Metals	VOC +TICs	SVOC +TICs	Pesticides	PCB	HEXP[f]	Dioxins/Furans	RAD	Tritium	Low Level Tritium	Gen Inorganics	Indicator Suite[g]	Perchlorate (LCMSMS)	Stable Isotopes	Suspended Sediment Concentration	DO,ORP, pH,SC,T,Trb
MCO-2	Monitors potential contaminants in Effluent Canyon above the TA-50 outfall.	Alluvial	C	S	A	A					A	A		S		S	A		S
MCA-5	New well, replacement for MCO-3. Monitors trends in alluvial groundwater quality following upgrades to the wastewater treatment facility. Monitoring required for SWS Discharge Permit. [j]	Alluvial	C	S	A	A					A	A		Q		Q	A		S
MCO-4B	Monitors trends in alluvial groundwater quality following upgrades to the wastewater treatment facility. Monitoring required for SWS Discharge Permit. [j]	Alluvial	C	S	A	A					A	A		Q		Q	A		S
MCO-5	Monitors trends in alluvial groundwater quality following upgrades to the wastewater treatment facility.	Alluvial	C	S	A	A					A	A		S		S	A		S
MCO-6	MCO-6 is a better screen placement/configuration than MCO-6B. Monitoring required for SWS Discharge Permit. [j]	Alluvial	C	S	A	A					A	A		Q		Q	A		S
TSCA-6	New well in lower Ten Site Canyon. Integrates potential alluvial groundwater impacts from Ten Site Canyon.	Alluvial	C	S	A	A					A	A		S		S	A		S
MCO-7	Near recent downcanyon extent of alluvial saturation. Monitors trends in alluvial groundwater quality following upgrades to the wastewater treatment facility. Monitoring required in SWS Discharge Permit. [j]	Alluvial	C	S	A	A					A	A		Q		Q	A		S
MCO-7.5	Monitors distal portion of alluvial groundwater saturation. Monitors trends in alluvial groundwater quality following upgrades to the wastewater treatment facility.	Alluvial	C	S	A	A					A	A		S		S	A		S
MT-2	Monitors distal portion of alluvial groundwater saturation.	Alluvial	C	S	A	A					A	A		S		S	A		S
MCOI-4	The Mortandad Canyon network evaluation determined this well meets network monitoring objectives. Monitors for potential contaminants from upper Mortandad and Ten Site Canyons or possibly Sandia Canyon. Water levels are typically only a foot or two above the bottom of the well screen. Samples will be collected if sufficient water is available.	Intermediate	C	Q	Q	Q					A	S		Q		Q	A		Q
MCOI-5	The Mortandad Canyon network evaluation determined this well meets network monitoring objectives. Monitors for potential contaminants from upper Mortandad and Ten Site Canyons or possibly Sandia Canyon.	Intermediate	C	Q	Q	Q					A	S		Q		Q	A		Q
MCOI-6	The Mortandad Canyon network evaluation determined this well meets network monitoring objectives. Monitors for potential contaminants from upper Mortandad and Ten Site Canyons or possibly Sandia Canyon.	Intermediate	C	Q	Q	Q					A	S		Q		Q	A		Q

Table 4.4-1 (continued)

Locations	Rationale for Selection of Locations	Surface-Water Body or Source Aquifer	Water Level or Flow[a]	Analytical Suites															
				Metals[b,c]	Organics[b]						Radionuclides[b,d]			General Inorganics[b,e]					Field Data[b]
				TAL Metals	VOC +TICs	SVOC +TICs	Pesticides	PCB	HEXP[f]	Dioxins/Furans	RAD	Tritium	Low Level Tritium	Gen Inorganics	Indicator Suite[g]	Perchlorate (LCMSMS)	Stable Isotopes	Suspended Sediment Concentration	DO,ORP, pH,SC,T,Trb
MCOI-8	The Mortandad Canyon network evaluation determined this well does not meet network monitoring objectives. Limited water is present in the sump. Continue measuring water levels in well, and sample if water levels increase significantly within the well screen.	Intermediate	Q	Q	Q	Q					A	S		Q		Q	A		Q
R-1	The Mortandad Canyon network evaluation determined this well meets network monitoring objectives. Monitors for potential contaminants from upper Mortandad Canyon or possibly Sandia Canyon.	Regional	C	Q	A	A					A		S	Q		Q	A		Q
R-14 screen 1	The Mortandad Canyon Network Evaluation determined that this well conditionally meets network monitoring objectives. Monitors for potential contaminants from upper Ten Site or Mortandad Canyons.	Regional	C	Q	A	A					A		S	Q		Q	A		Q
R-33 screen 1	The Mortandad Canyon network evaluation determined this well conditionally meets network monitoring objectives. Monitors for potential contaminants from upper Ten Site or Mortandad Canyons.	Regional	C	Q	A	A					A		S	Q		Q	A		Q
R-33 screen 2	The Mortandad Canyon network evaluation determined this well conditionally meets network monitoring objectives. Monitors for potential contaminants from upper Ten Site or Mortandad Canyons.	Regional	C	Q	A	A					A		S	Q		Q	A		Q
R-15	The Mortandad Canyon network evaluation determined this well meets network monitoring objectives. Monitors for potential contaminants from upper Ten Site or Mortandad Canyons.	Regional	C	Q	A	A					A		S	Q		Q	A		Q
R-16r	The Mortandad Canyon network evaluation determined this well meets network monitoring objectives. Key potential downgradient monitoring location.	Regional	C	Q	A	A					A		Q	Q		Q	A		Q
R-16 screen 2	The Mortandad Canyon network evaluation determined this well conditionally meets network monitoring objectives. Key potential downgradient monitoring location for TA-54. Indicator suite pending rehabilitation.	Regional	C										Q		Q	Q			Q
R-16 screen 3	The Mortandad Canyon network evaluation determined this well meets network monitoring objectives. Key potential downgradient monitoring location for TA-54.	Regional	C	Q	A	A					A		Q	Q		Q	A		Q
R-16 screen 4	The Mortandad Canyon network evaluation determined that this well does not meet network monitoring objectives. Indicator suite pending rehabilitation.	Regional	C										Q		Q + sulfide, ammonia, TKN				Q

Table 4.4-1 (continued)

				Analytical Suites															
				Metals[b,c]	Organics[b]						Radionuclides[b,d]			General Inorganics[b,e]					Field Data[b]
Locations	Rationale for Selection of Locations	Surface-Water Body or Source Aquifer	Water Level or Flow[a]	TAL Metals	VOC +TICs	SVOC +TICs	Pesticides	PCB	HEXP[f]	Dioxins/Furans	RAD	Tritium	Low Level Tritium	Gen Inorganics	Indicator Suite[g]	Perchlorate (LCMSMS)	Stable Isotopes	Suspended Sediment Concentration	DO,ORP, pH,SC,T,Trb
R-28	The Mortandad Canyon network evaluation determined this well meets network monitoring objectives. Monitors for potential contaminants from upper Sandia, Mortandad, or Ten Site Canyons.	Regional	C	Q	A	A					A		S	Q		Q	A		Q
R-13	Monitors for nature and extent of contaminants originating in Mortandad and Sandia Canyons. Key boundary well.	Regional	C	Q	A	A					A		S	Q		Q	A		Q
R-21	Part of interim monitoring network pending well network assessment described in section 1.5 of this monitoring plan. Background well.	Regional	C	Q	A	A					A		S	Q		Q	A		Q
R-34	Located on San Ildefonso land. Monitors regional groundwater for potential contaminants that originate beneath Los Alamos, Sandia, or Mortandad Canyons. Key monitoring location for San Ildefonso and Buckman well field.	Regional	C	Q	A	A					A		Q	Q		Q	A		Q
R-42	New well planned for calendar year (CY) 2008. Key characterization and monitoring point located upgradient of R-28.	Regional	C	Q	Q						A		Q	Q		Q	A		Q

Note: Empty cells denote analytes will not be sampled at this location.

[a] Sampling frequency: C = continuous; Q = quarterly (4 times/yr at set time periods); S = semiannual (2 times/yr at set time periods); A = annual (1 time/yr).
Continuous monitoring for groundwater refers to the measurement of groundwater-level measurements by a transducer placed in a well and programmed to collect groundwater-level measurements at highly frequent intervals (e.g., every 60 min daily throughout the year). Continuous stream-flow monitoring refers to the measurement of stream flow by a base-flow stream gage that is programmed to collect stream-flow measurements at highly frequent intervals.

[b] Nonfiltered and filtered samples will be collected for general inorganics (excluding anions) and metals. Anions and perchlorate samples will be filtered. Samples collected for radionuclide analysis will be filtered and nonfiltered for all water media, excluding tritium, which is nonfiltered only. Organic constituents are nonfiltered for all water media. Stable isotope samples for nitrogen isotopes are filtered; stable isotope samples for deuterium and oxygen isotopes are not filtered. Field parameters pH, turbidity (Trb), specific conductance (SC), dissolved oxygen (DO), and temperature (T) will be measured at all locations. Oxidation-reduction potential (ORP) will be measured if a flow-through cell is utilized and will not be measured in surface water, spring water, or water collected from Westbay sampling systems unless specified.

[c] Metals analysis includes the 23 TAL metals, plus boron, molybdenum, silica, strontium, tin, and uranium.

[d] Rad (radiological) suite includes gross alpha, gross beta, alpha spec, gamma spec, and strontium-90.

[e] General inorganic analysis includes major anions (bromide, chloride, fluoride, sulfate), major cations (calcium, magnesium, sodium, potassium), nitrate plus nitrite (as N), TKN, ammonia, phosphate, TOC, TDS, alkalinity, SC, and pH.

[f] The analytical suite of HEXP includes the Consent Order list of the normal SW-846:8330 analytes plus PETN, TATB, 3,5-dinitroaniline, TOCP, 2,4-diamino-6-nitrotoluene, and 2,6-diamino-4-nitrotoluene. These are analyzed by SW-846:8321A. The "RDX-DP" superscript designates analysis for the RDX degradation products MNX, DNX, and TNX, which are analyzed by SW-846:8330.

[g] Indicator suite includes major anions and cations (including metals), nitrate plus nitrite (as N), alkalinity, pH, TOC, and, as needed, sulfide, ammonia, TKN, and perchlorate.

[h] Quarterly SWS Discharge permit sampling required for perchlorate by LCMSMS, nitrate plus nitrite as N, TKN, ammonia (as N), TDS, and chloride. Quarterly samples must be collected before the end of the second month in each quarter.

[i] Annual SWS Discharge permit sampling required for full suite-water analysis, which includes the following: (1) filtered metals: As, Ba, Cd, Cr, CN, Pb, Se, Ag, U, Cu, Fe, Mn, Zn, Al, B, Co, Mo, Ni; (2) unfiltered metals: Hg; (3) general inorganics: SO4, F; (4) organics: VOA, SVOA; and (5) radiologicals: gross alpha, Ra-226, and Ra-228.

[j] Quarterly SWS Discharge permit sampling required for perchlorate by LCMSMS, nitrate plus nitrite as N, TKN, ammonia (as N), TDS, and fluoride. Quarterly samples must be collected before the end of the 2nd month in each quarter.

Table 5.4-1
Pajarito Canyon (includes Twomile and Threemile Canyons) Watershed Interim Monitoring Plan

Locations	Rationale for Selection of Locations	Surface Water Body or Source Aquifer	Water Level or Flow[a]	Analytical Suites															
				Metals[b,c]	Organics[b]						Radionuclides[b,d]			General Inorganics[b,e]					Field Data[b]
				TAL Metals	VOC +TICs	SVOC +TICs	Pesticides	PCB	HEXP[f]	Dioxins/Furans	RAD	Tritium	Low Level Tritium	Gen Inorganics	Indicator Suite[g]	Perchlorate (LCMSMS)	Stable Isotopes	Suspended Sediment Concentration	DO,ORP, pH,SC,T,Trb
Pajarito 0.5 mi above SR-501 (PBF-B)	Background location in Pajarito Canyon. Located approx. 0.5 mi above NM 502. Provides a basis for comparison to data from downstream locations.	Base flow	S	S	A	A			S[RDX-DP]		A			S		S		S	S
Pajarito below confluence of South and North Anchor East Basin (PBF-1)	Surface water in Pajarito Canyon below the confluences of South and North Anchor East Basin (below E242.5). Location selected to monitor potential cumulative impacts of SWMUs and AOCs in Anchor East basin.	Base flow	S	S	A	A			S[RDX-DP]		A			S		S		S	S
Two Mile Canyon below TA-59 (PBF-2)	Surface water in Twomile Canyon below TA-59. Location selected to monitor potential cumulative impacts of SWMUs and AOCs in upper Twomile basin.	Base flow	S	S	A	A			S[RDX-DP]		A			S		S		S	S
Two Mile above Pajarito (E244). Formerly PBF-3	Surface water base flow collected at gage station E244. Location selected to monitor potential cumulative impacts from upper Pajarito basin.	Base flow	C	S	A	A			S[RDX-DP]		A			S		S		S	S
Pajarito above Two Mile (E243). Formerly PBF-4.	Surface water base flow collected at gage station E243. Location selected to monitor potential cumulative impacts from upper Twomile basin.	Base flow	C	S	A	A			S[RDX-DP]		A			S		S		S	S
Pajarito below TA-18 (PBF-5)	Surface water in Pajarito below TA-18. Location selected to monitor below TA-18 at road crossing near R-20.	Base flow	S	S	A	A			S[RDX-DP]		A			S		S		S	S
PC Spring	Probably regional groundwater. Provides background water quality.	Intermediate Spring	S	S	A	A			S[RDX-DP]		A		A	S		S	A	S	S
Homestead Spring	Likely spring with largest discharge. Downgradient of TA-9 (MDA M).	Intermediate Spring	S	S	A	A			S[RDX-DP]		A		A	S		S	A	S	S
Starmer Spring	Speculated to be intermediate water in Bandelier Tuff. Provides base line water quality upgradient of HE facilities.	Intermediate Spring	S	S	A	A			S[RDX-DP]		A		A	S		S	A	S	S
Anderson Spring	Located in Twomile Canyon downgradient of TA-68 and above potential sources of contamination in TA-03.	Intermediate Spring	S	S	A	A			S[RDX-DP]		A		A	S		S	A	S	S
Kieling Spring	Spring with history of HE contamination. Downgradient of TA-09.	Intermediate Spring	S	S	A	A			Q[RDX-DP]		A		A	S		S	A	S	Q
Charlie's Spring	Monitors potential contamination from TA-08 area.	Intermediate Spring	S	S	A	A			S[RDX-DP]		A		A	S		S	A	S	S
Bulldog Spring	Spring with history of HE contamination. Downgradient of TA-09.	Intermediate Spring	S	S	A	A			Q[RDX-DP]		A		A	S		S	A	S	Q
TW-1.72 Spring	In Twomile Canyon, downgradient of TA-03 facilities.	Spring	S	S	A	A			S[RDX-DP]		A		A	S		S	A	S	S
Threemile Spring	In Threemile Canyon, upgradient of TA-18 and downgradient of TA-15 firing site facilities.	Spring	S	S	A	A			S[RDX-DP]		A		A	S		S	A	S	S
TA-18 Spring	In Threemile Canyon, upgradient of TA-18 and downgradient of TA-16 firing site facilities.	Intermediate Spring	S	S	A	A			S[RDX-DP]		A		A	S		S	A	S	S

Table 5.4-1 (continued)

Locations	Rationale for Selection of Locations	Surface Water Body or Source Aquifer	Water Level or Flow[a]	Analytical Suites															
				Metals[b,c]	Organics[b]						Radionuclides[b,d]			General Inorganics[b,e]					Field Data[b]
				TAL Metals	VOC +TICs	SVOC +TICs	Pesticides	PCB	HEXP[f]	Dioxins/Furans	RAD	Tritium	Low Level Tritium	Gen Inorganics	Indicator Suite[g]	Perchlorate (LCMSMS)	Stable Isotopes	Suspended Sediment Concentration	DO,ORP, pH,SC,T,Trb
18-BG-1	Monitors baseline water quality relative to for TA-18 complex.	Alluvial	C	Q	Q	Q			Q^{RDX-DP}		A		A	Q		Q	A		Q
3MAO-1/18-BG-4	Either use existing 18-BG-4 or new installation. New well 3MAO-1 will be located just east of confluence with South Fork Threemile Canyon. Characterizes cumulative potential impacts of SWMUs and AOCs in Threemile Canyon and is baseline relative to TA-18.	Alluvial	C	Q	Q	Q			Q^{RDX-DP}		A		A	Q		Q	A		Q
18-MW-9	Part of a group of alluvial wells within the former TA-18 complex. 18-MW-9 included to monitor for potential contaminants associated with buildings 18-31, 18-189, 18-29, and 18-37.	Alluvial	C	Q	Q	Q			Q^{RDX-DP}		A		A	Q		Q	A		Q
18-MW-11	Part of a group of alluvial wells within the former TA-18 complex. 18-MW-11 included to monitor for potential contaminants associated with bldgs 18-147, 18-001, and 18-256.	Alluvial	C	Q	Q	Q			Q^{RDX-DP}		A		A	Q		Q	A		Q
18-MW-8	Part of a group of alluvial wells within the former TA-18 complex. In Threemile Canyon downgradient of former Critical Assembly Building in TA-18.	Alluvial	C	Q	Q	Q			Q^{RDX-DP}		A		A	Q		Q	A		Q
18-MW-18	Part of a group of alluvial wells within the former TA-18 complex. Monitoring point for potential releases associated with historical sewage lagoons on lower Pajarito Canyon.	Alluvial	C	Q	Q	Q			Q^{RDX-DP}		A		A	Q		Q	A		Q
PCO-2	Monitors distal extent of alluvial groundwater saturation in lower Pajarito watershed. Maintains long-term record at that location.	Alluvial	C	Q	Q	Q			Q^{RDX-DP}		A		A	Q		Q	A		Q
PCO-3	Monitors distal extent of alluvial groundwater saturation in lower Pajarito watershed. Maintains long-term record at that location.	Alluvial	C	Q	Q	Q			Q^{RDX-DP}		A		A	Q		Q	A		Q
PCAO-6	New well n Pajarito Canyon located just downcanyon of the flood retention structure.	Alluvial	C	Q	Q	Q			Q^{RDX-DP}		Q		Q	Q		Q	A		Q
PCAO-5	New well in Pajarito Canyon located just downcanyon of the confluence of Twomile Canyon. Located above the flood retention structure.	Alluvial	C	Q	Q	Q			Q^{RDX-DP}		Q		Q	Q		Q	A		Q
PCAO-7a	Part of a transect of new wells in Pajarito Canyon to characterize potential impacts from TA-18. The wells are installed in a transect to capture potential variability in saturation and water quality.	Alluvial	C	Q	Q	Q			Q^{RDX-DP}		Q		Q	Q		Q	A		Q
PCAO-7b	Part of a transect of new wells in Pajarito Canyon to characterize potential impacts from TA-18. The wells are installed in a transect to capture potential variability in saturation and water quality.	Alluvial	C	Q	Q	Q			Q^{RDX-DP}		Q		Q	Q		Q	A		Q

Table 5.4-1 (continued)

Locations	Rationale for Selection of Locations	Surface Water Body or Source Aquifer	Water Level or Flow[a]	Analytical Suites															
				Metals[b,c]	Organics[b]						Radionuclides[b,d]			General Inorganics[b,e]					Field Data[b]
				TAL Metals	VOC +TICs	SVOC +TICs	Pesticides	PCB	HEXP[f]	Dioxins/Furans	RAD	Tritium	Low Level Tritium	Gen Inorganics	Indicator Suite[g]	Perchlorate (LCMSMS)	Stable Isotopes	Suspended Sediment Concentration	DO,ORP, pH,SC,T,Trb
PCAO-7c	Part of a transect of new wells in Pajarito Canyon to characterize potential impacts from TA-18. The wells are installed in a transect to capture potential variability in saturation and water quality.	Alluvial	C	Q	Q	Q			Q[RDX-DP]		Q		Q	Q		Q	A		Q
3MAO-2	New well planned within TA-18 at mouth of Threemile Canyon. Characterizes potential impacts of TA-18 SWMUs and AOCs that are located within Threemile Canyon.	Alluvial	C	Q	Q	Q			Q[RDX-DP]		Q		Q	Q		Q	A		Q
TMO-1	New well planned at mouth of Twomile Canyon. Characterizes cumulative potential impacts of SWMUs and AOCs throughout Twomile basin.	Alluvial	C	Q	Q	Q			Q[RDX-DP]		Q		Q	Q		Q	A		Q
PCAO-8	New well planned near PCTH-5 (between PCO-2 and PCO-3). Characterizes potential impacts from runoff associated with TA-54.	Alluvial	C	Q	Q	Q			Q[RDX-DP]		Q		Q	Q		Q	A		Q
03-B-9	Near TA-03, SM-30. Monitored in support of project at SWMU 3-010(a). Well casing is damaged, and only water levels are monitored.	Intermediate	Q																
03-B-10	Near TA-03, SM-30. Monitored in support of project at SWMU 3-010(a).	Intermediate	Q	Q	Q	Q			Q[RDX-DP]			A		Q		Q	A		Q
03-B-13	Near TA-03, SM-30. Monitored in support of project at SWMU 3-010(a).	Intermediate	Q	Q	Q	Q			Q[RDX-DP]			A		Q		Q	A		Q
R-19 screen 1	Dry. A sample will be collected if groundwater is present.	Intermediate	Q	Q	Q				Q[RDX-DP]		Q		A	Q		Q	A		Q
R-19 screen 2	The TA-16 network evaluation determined this well meets network monitoring objectives. Monitors for potential contaminants from TA-16.	Intermediate	C	Q	Q				Q[RDX-DP]		Q		A	Q		Q	A		Q
R-23i screen 1	The TA-54 network evaluation determined this well conditionally meets network monitoring objectives. Key monitoring location for potential contaminants from Pajarito Canyon, TA-54, or Mortandad Canyon.	Intermediate	C	Q	Q				Q[RDX-DP]		Q	Q		Q		Q	A		Q
R-23i screen 2	The TA-54 network evaluation determined this well conditionally meets network monitoring objectives. Key monitoring location for potential contaminants from Pajarito Canyon, TA-54, or Mortandad Canyon.	Intermediate	C	Q	Q				Q[RDX-DP]		Q		Q	Q		S	A		Q
R-23i Piezometer	Water levels only.	Intermediate	Q																
R-17 screen 1	The Mortandad Canyon network evaluation determined this well meets monitoring objectives. Key monitoring location for potential sources in upper Pajarito basin, TA-16, and MDA C.	Regional	C	Q	Q				Q[RDX-DP]		A		A	Q		Q	A		Q

Table 5.4-1 (continued)

Locations	Rationale for Selection of Locations	Surface Water Body or Source Aquifer	Water Level or Flow[a]	Analytical Suites															
				Metals[b,c]	Organics[b]						Radionuclides[b,d]			General Inorganics[b,e]					Field Data[b]
				TAL Metals	VOC +TICs	SVOC +TICs	Pesticides	PCB	HEXP[f]	Dioxins/Furans	RAD	Tritium	Low Level Tritium	Gen Inorganics	Indicator Suite[g]	Perchlorate (LCMSMS)	Stable Isotopes	Suspended Sediment Concentration	DO,ORP, pH,SC,T,Trb
R-17 screen 2	The Mortandad Canyon network evaluation determined this well meets monitoring objectives. Key monitoring location for potential sources in upper Pajarito basin, TA-16, and MDA C.	Regional	C	Q	Q				Q[RDX-DP]		A		A	Q		Q	A		Q
R-18	The TA-16 network evaluation determined this well meets network monitoring objectives. Monitors for potential contaminants from TA-16.	Regional	C	Q	Q				Q[RDX-DP]		A		A	Q		Q	A		Q
R-19 screen 3	The TA-16 network evaluation determined this well meets network monitoring objectives. Monitors for potential contaminants from TA-16.	Regional	C	Q	Q				Q[RDX-DP]		A		A	Q		Q	A		Q
R-19 screen 4	The TA-16 network evaluation determined this well meets network monitoring objectives. Monitors for potential contaminants from TA-16.	Regional	C	Q	Q				Q[RDX-DP]		A		A	Q		Q	A		Q
R-19 screen 5	The TA-16 network evaluation determined this well does not meet network monitoring objectives. Sample for indicator suite.	Regional	C												Q + sulfide, ammonia, TKN				Q
R-19 screen 6	The TA-16 network evaluation determined this well does not meet network monitoring objectives. Sample for indicator suite.	Regional	C												Q + sulfide, ammonia, TKN				Q
R-19 screen 7	The TA-16 network evaluation determined this well does not meet network monitoring objectives. Sample for indicator suite.	Regional	C												Q + sulfide, ammonia, TKN				Q
R-20 screen 1	The TA-54 network evaluation determined this well conditionally meets network monitoring objectives. Key monitoring location for potential contaminants from Pajarito Canyon, TA-54. Sample for indicator suite.	Regional	C	Q	Q	Q			Q[RDX-DP]				Q	Q		Q	A		Q
R-20 screen 2	The TA-54 network evaluation determined this well conditionally meets network monitoring objectives. Key monitoring location for potential contaminants from Pajarito Canyon, TA-54.	Regional	C	Q	Q	Q			Q[RDX-DP]				Q	Q		Q	A		Q
R-22 screen 1	The TA-54 network Evaluation determined that this well does not meet network monitoring objectives. Key monitoring location for potential contaminants from Pajarito Canyon, TA-54. Sample for indicator suite.	Regional	C										Q		Q + sulfide, ammonia, TKN				Q
R-22 screen 2	The TA-54 network evaluation determined this well meets network monitoring objectives. Key monitoring location for potential contaminants from Pajarito Canyon, TA-54, or possibly Mortandad Canyon.	Regional	C	Q	Q	Q			Q[RDX-DP]		Q		Q	Q		Q	A		Q

Table 5.4-1 (continued)

Locations	Rationale for Selection of Locations	Surface Water Body or Source Aquifer	Water Level or Flow[a]	Analytical Suites															
				Metals[b,c]	Organics[b]						Radionuclides[b,d]			General Inorganics[b,e]					Field Data[b]
				TAL Metals	VOC +TICs	SVOC +TICs	Pesticides	PCB	HEXP[f]	Dioxins/Furans	RAD	Tritium	Low Level Tritium	Gen Inorganics	Indicator Suite[g]	Perchlorate (LCMSMS)	Stable Isotopes	Suspended Sediment Concentration	DO,ORP, pH,SC,T,Trb
R-22 screen 3	The TA-54 network evaluation determined this well meets network monitoring objectives. Key monitoring location for potential contaminants from Pajarito Canyon, TA-54, or possibly Mortandad Canyon.	Regional	C	Q	Q	Q			Q[RDX-DP]		Q		Q	Q		Q	A		Q
R-22 screen 4	The TA-54 network evaluation determined this well does not meet network monitoring objectives. Key monitoring location for potential contaminants from Pajarito Canyon, TA-54, or possibly Mortandad Canyon. Sample for indicator suite.	Regional	C										Q		Q + sulfide, ammonia, TKN				Q
R-22 screen 5	The TA-54 network evaluation determined this well does not meet network monitoring objectives. Key monitoring location for potential contaminants from Pajarito Canyon, TA-54, or possibly Mortandad Canyon. Sample for indicator suite.	Regional	C		Q								Q		Q + sulfide, ammonia, TKN				Q
R-23	The TA-54 network evaluation determined this well does not meet network monitoring objectives. Key monitoring location for potential contaminants from Pajarito Canyon, TA-54, or possibly Mortandad Canyon.	Regional	C	Q	Q	Q			Q[RDX-DP]		Q		A	Q		Q	A		Q
R-32	Recently rehabilitated well. Screen 1 was retained, and screens 2 and 3 were abandoned. Results of the rehabilitation effort support changing the analyte suite at this screen from the former indicator suite to a more comprehensive suite.	Regional	C	Q	Q	Q			Q[RDX-DP]		Q		A	Q		Q	A		Q
R-37	New well planned for CY2008 as a key monitoring location downgradient of MDA H.	Regional	C	Q	Q	Q			Q[RDX-DP]		Q		Q	Q		Q	A		Q
R-39	New well planned for CY2008 as a key monitoring location downgradient of MDA G.	Regional	C	Q	Q	Q			Q[RDX-DP]		Q		Q	Q		Q	A		Q
R-40	New well planned for CY2008 as a key monitoring location downgradient of MDA H.	Regional	C	Q	Q	Q			Q[RDX-DP]		Q		Q	Q		Q	A		Q

Note: Empty cells denote analytes will not be sampled at this location.

[a] Sampling frequency: C = continuous; Q = quarterly (4 times/yr at set time periods); S = semiannual (2 times/yr at set time periods); A = annual (1 time/yr).
Continuous monitoring for groundwater refers to the measurement of groundwater-level measurements by a transducer placed in a well and programmed to collect groundwater-level measurements at highly frequent intervals (e.g., every 60 min daily throughout the year). Continuous stream-flow monitoring refers to the measurement of stream flow by a base-flow stream gage that is programmed to collect stream-flow measurements at highly frequent intervals.

[b] Nonfiltered and filtered samples will be collected for general inorganics (excluding anions) and metals. Anions and perchlorate samples will be filtered. Samples collected for radionuclide analysis will be filtered and nonfiltered for all water media, excluding tritium, which is nonfiltered only. Organic constituents are nonfiltered for all water media. Stable isotope samples for nitrogen isotopes are filtered; stable isotope samples for deuterium and oxygen isotopes are not filtered. Field parameters pH, turbidity (Trb), specific conductance (SC), dissolved oxygen (DO), and temperature (T) will be measured at all locations. Oxidation-reduction potential (ORP) will be measured if a flow-through cell is utilized and will not be measured in surface water, spring water, or water collected from Westbay sampling systems unless specified.

[c] Metals analysis includes the 23 TAL metals, plus boron, molybdenum, silica, strontium, tin, and uranium.

[d] Rad (radiological) suite includes gross alpha, gross beta, alpha spec, gamma spec, and strontium-90.

[e] General inorganic analysis includes major anions (bromide, chloride, fluoride, sulfate), major cations (calcium, magnesium, sodium, potassium), nitrate plus nitrite (as N), TKN, ammonia, phosphate, TOC, TDS, alkalinity, SC, and pH.

[f] The analytical suite of HEXP includes the Consent Order list of the normal SW-846:8330 analytes plus PETN, TATB, 3,5-dinitroaniline, TOCP, 2,4-diamino-6-nitrotoluene, and 2,6-diamino-4-nitrotoluene. These are analyzed by SW-846:8321A. The "RDX-DP" superscript designates analysis for the RDX degradation products MNX, DNX, and TNX, which are analyzed by SW-846:8330.

[g] Indicator suite includes major anions and cations (including metals), nitrate plus nitrite (as N), alkalinity, pH, TOC, and, as needed, sulfide, ammonia, TKN, and perchlorate.

Table 6.4-1
Water (includes Cañon de Valle, Potrillo Canyon, and Fence Canyon) Watershed Interim Monitoring Plan

				Analytical Suites															
				Metals[b,c]	Organics[b]						Radionuclides[b,d]			General Inorganics[b,e]					Field Data[b]
Locations	Rationale for Selection of Locations	Surface-Water Body or Source Aquifer	Water Level or Flow[a]	TAL Metals\	VOC +TICs	SVOC +TICs	Pesticides	PCB	HEXP[f]	Dioxins/Furans	RAD	Tritium	Low Level Tritium	Gen Inorganics	Indicator Suite[g]	Perchlorate (LCMSMS)	Stable Isotopes	Suspended Sediment Concentration	DO,ORP, pH,SC,T,Trb
Water above SR-501 (E252)	Characterization for corrective measures evaluation (CME)	Base flow	C	S	S	A			S^{RDX-DP}		A			S		S		S	S
Cañon de Valle (CdV) below MDA P (E256).	Characterization for CME	Base flow	C	S	S	A			S^{RDX-DP}		A			S		S		S	S
Base flow station between E252 and Water at Beta	Characterization for CME	Base flow	C	S	S	A			S^{RDX-DP}		A			S		S		S	S
Water at Beta.	Characterization for CME	Base flow	C	S	S	A			S^{RDX-DP}		A			S		S		S	S
CdV-5.29 Spring	Characterization for CME	Intermediate Spring	C	S	S	A			S^{RDX-DP}		A		A	S		S	A	S	S
Water Canyon Gallery	Characterization for CME	Intermediate Spring	C	S	S	A			S^{RDX-DP}		A		A	S		S	A	S	S
Peter Spring	Characterization for CME	Intermediate Spring	C	S	S	A			S^{RDX-DP}		A		A	S		S	A	S	S
SWSC Spring	Characterization for CME	Intermediate Spring	C	S	S	A			S^{RDX-DP}		A		A	S		S	A	S	S
Burning Ground Spring	Characterization for CME	Intermediate Spring	C	S	S	A			S^{RDX-DP}		A		A	S		S	A	S	S
Fish Ladder Seep	Characterization for CME	Intermediate Spring	C	S	S	A			S^{RDX-DP}		A		A	S		S	A	S	S
Martin Spring	Characterization for CME	Intermediate Spring	C	S	S	A			S^{RDX-DP}		A		A	S		S	A	S	S
WA-625	Characterization for CME	Spring	C	S	S	A			S^{RDX-DP}		A		A	S		S	A	S	S
CdV-16-2655	Characterization for CME	Alluvial	C	S	S	A			S^{RDX-DP}		A		A	S		S	A		S
CdV-16-2656	Characterization for CME	Alluvial	C	S	S	A			S^{RDX-DP}		A		A	S		S	A		S
CdV-16-2657	Characterization for CME	Alluvial	C	S	S	A			S^{RDX-DP}		A		A	S		S	A		S
CdV-16-2658	Characterization for CME	Alluvial	C	S	S	A			S^{RDX-DP}		A		A	S		S	A		S
CdV-16-2659	Characterization for CME	Alluvial	C	S	S	A			S^{RDX-DP}		A		A	S		S	A		S
MSC-16-06293	Characterization for CME	Alluvial	C	S	S	A			S^{RDX-DP}				A	S		S	A		S
MSC-16-06295	Characterization for CME	Alluvial	C	S	S	A			S^{RDX-DP}				A	S		S	A		S
FLC-16-25278	Characterization for CME	Alluvial	C	S	S	A			S^{RDX-DP}		A		A	S		S	A		S
FLC-16-25279	Characterization for CME	Alluvial	C	S	S	A			S^{RDX-DP}		A		A	S		S	A		S
FLC-16-25280	Characterization for CME	Alluvial	C	S	S	A			S^{RDX-DP}		A		A	S		S	A		S

Table 6.4-1 (continued)

Locations	Rationale for Selection of Locations	Surface-Water Body or Source Aquifer	Water Level or Flow[a]	Analytical Suites															
				Metals[b,c]	Organics[b]						Radionuclides[b,d]			General Inorganics[b,e]					Field Data[b]
				TAL Metals\	VOC +TICs	SVOC +TICs	Pesticides	PCB	HEXP[f]	Dioxins/Furans	RAD	Tritium	Low Level Tritium	Gen Inorganics	Indicator Suite[g]	Perchlorate (LCMSMS)	Stable Isotopes	Suspended Sediment Concentration	DO,ORP, pH,SC,T,Trb
WCO-1	Well historically dry. Will be sampled if sufficient saturation is present.	Alluvial	C	S	S	A			S^{RDX-DP}		A		A	S		S	A		S
WCO-2	Well historically dry (except in 2005). Will be sampled if sufficient saturation is present.	Alluvial	C	S	S	A			S^{RDX-DP}		A		A	S		S	A		S
WCO-3	Well historically dry. Will be sampled if sufficient saturation is present.	Alluvial	C	S	S	A			S^{RDX-DP}		A		A	S		S	A		S
FCO-1	Well dry since installed. Check for water during the wet seasons and sample if sufficient water is present.	Alluvial	C	S	S	A			S^{RDX-DP}		A		A	S		S	A		S
R-25 screen 1	The TA-16 network evaluation determined this well conditionally meets network monitoring objectives. Key monitoring location for TA-16. Indicator suite pending replacement with R-25b. Sample for watershed-specific indicator suite.	Intermediate	C	S	S	A			S^{RDX-DP}		A		A	S		S	A		S
R-25 screen 2	The TA-16 network evaluation determined this well conditionally meets network monitoring objectives. Key monitoring location for TA-16. Indicator suite pending replacement with R-25c. Sample for watershed-specific indicator suite.	Intermediate	C						S^{RDX-DP}				A		S				S
CdV-R-37-2 screen 1	Well is typically dry but will collect a sample if sufficient water is present.	Intermediate	C	S	S				S^{RDX-DP}		A		A	S		S	A		S
CdV-16-1(i)	The TA-16 network evaluation determined this well meets network monitoring objectives. Well is located at TA-16, downgradient of the TA-16-260 Outfall.	Intermediate	C	S	S	A			S^{RDX-DP}		A		A	S		S	A		S
CdV-16-2(i)r	The TA-16 network evaluation determined this well conditionally meets network monitoring objectives. Well is located at TA-16, downgradient of the TA-16-260 Outfall.	Intermediate	C	S	S	A			S^{RDX-DP}		A		A	S		S	A		S
CdV-16-3(i)	Open borehole through dry intermediate zone; scheduled to be deepened to the regional aquifer in 2008/2009.	Regional	C	Q	Q	A			Q^{RDX-DP}		A		A	Q		Q	A		Q
CdV-R-15-3 screens 1–3	Dry, no groundwater. A sample will be collected if groundwater is present.	Intermediate	C	S	S				S^{RDX-DP}		A		A	S		S	A		S
CdV-R-15-3 screen 4	The TA-16 network evaluation determined this well meets network monitoring objectives. Key monitoring location for TA-16 in support of 260 Outfall CME.	Regional	C	S	S				S^{RDX-DP}		A		A	S		S	A		S
CdV-R-15-3 screen 5	The TA-16 network evaluation determined this well does not meet network monitoring objectives. Sample for indicator suite.	Regional	C										A		S				S
CdV-R-15-3 screen 6	The TA-16 network evaluation determined this well conditionally meets network monitoring objectives. Key monitoring location for TA-16 in support of 260 Outfall CME. Sample for watershed-specific indicator suite.	Regional	C		S				S^{RDX-DP}				A		S				S

Table 6.4-1 (continued)

Locations	Rationale for Selection of Locations	Surface-Water Body or Source Aquifer	Water Level or Flow[a]	Analytical Suites															
				Metals[b,c]	Organics[b]						Radionuclides[b,d]			General Inorganics[b,e]					Field Data[b]
				TAL Metals\	VOC +TICs	SVOC +TICs	Pesticides	PCB	HEXP[f]	Dioxins/Furans	RAD	Tritium	Low Level Tritium	Gen Inorganics	Indicator Suite[g]	Perchlorate (LCMSMS)	Stable Isotopes	Suspended Sediment Concentration	DO,ORP, pH,SC,T,Trb
R-26 screen 1	The TA-16 network evaluation determined this well conditionally meets network monitoring objectives. Key monitoring location for TA-16 in support of 260 Outfall CME.	intermediate	C	S	S				S[RDX-DP]		A		A	S		S	A		S
R-25 screen 4	The TA-16 network evaluation determined this well conditionally meets network monitoring objectives. Key monitoring location for TA-16 in support of 260 Outfall CME. Sample for watershed-specific indicator suite.	Regional	C	S	S	A			S[RDX-DP]		A		A	S		S	A		S
R-25 screen 5	The TA-16 network evaluation determined this well meets network monitoring objectives. Key monitoring location for TA-16 in support of 260 Outfall CME. Sample for watershed-specific indicator suite.	Regional	C	S	S				S[RDX-DP]				A	S		S	A		S
R-25 screen 6	The TA-16 Network Evaluation determined that this well meets network monitoring objectives. Key monitoring location for TA-16 in support of 260 Outfall CME.	Regional	C	S	S				S[RDX-DP]				A	S		S	A		S
R-25 screen 7	The TA-16 network evaluation determined this well meets network monitoring objectives. Key monitoring location for TA-16 in support of 260 Outfall CME.	Regional	C	S	S				S[RDX-DP]				A	S		S	A		S
R-25 screen 8	The TA-16 network evaluation determined this well conditionally meets network monitoring objectives. Key monitoring location for TA-16 in support of 260 Outfall CME. Sample for watershed-specific indicator suite.	Regional	C	S	S				S[RDX-DP]				A	S		S	A		S
R-25b	New well planned immediately west of R-25. Replaces screen 1 in R-25.	Regional	C	Q	Q	A			Q[RDX-DP]		A		A	Q		Q	A		Q
R-25c	New well planned immediately west of R-25. Replaces screen 3 in R-25.	Regional	C	Q	Q	A			Q[RDX-DP]		A		A	Q		Q	A		Q
R-27	The TA-16 network evaluation determined this well conditionally meets network monitoring objectives. Key monitoring location for TA-16 in support of 260 Outfall CME.	Regional	C	S	S	A			S[RDX-DP]		A		A	S		S	A		S
CdV-R-37-2 screen 2	The TA-16 network evaluation determined this well does not meet network monitoring objectives. Sample for watershed-specific indicator suite.	Regional	C						S[RDX-DP]				A		S				S
CdV-R-37-2 screen 3	The TA-16 network evaluation determined this well conditionally meets network monitoring objectives. Key monitoring location for TA-16 in support of 260 Outfall CME.	Regional	C	S	S	A			S[RDX-DP]		A		A	S		S	A		S

Table 6.4-1 (continued)

Locations	Rationale for Selection of Locations	Surface-Water Body or Source Aquifer	Water Level or Flow[a]	Analytical Suites															
				Metals[b,c]	Organics[b]						Radionuclides[b,d]			General Inorganics[b,e]					Field Data[b]
				TAL Metals\	VOC +TICs	SVOC +TICs	Pesticides	PCB	HEXP[f]	Dioxins/Furans	RAD	Tritium	Low Level Tritium	Gen Inorganics	Indicator Suite[g]	Perchlorate (LCMSMS)	Stable Isotopes	Suspended Sediment Concentration	DO,ORP, pH,SC,T,Trb
CdV-R-37-2 screen 4	The TA-16 network evaluation determined this well conditionally meets network monitoring objectives. Sample for watershed-specific indicator suite.	Regional	C						$\text{S}^{\text{RDX-DP}}$				A		S				S

Note: Empty cells denote analytes will not be sampled at this location.

[a] Sampling frequency: C = continuous; Q = quarterly (4 times/yr at set time periods); S = semiannual (2 times/yr at set time periods); A = annual (1 time/yr).
Continuous monitoring for groundwater refers to the measurement of groundwater-level measurements by a transducer placed in a well and programmed to collect groundwater-level measurements at highly frequent intervals (e.g., every 60 min daily throughout the year). Continuous stream-flow monitoring refers to the measurement of stream flow by a base-flow stream gage that is programmed to collect stream-flow measurements at highly frequent intervals.

[b] Nonfiltered and filtered samples will be collected for general inorganics (excluding anions) and metals. Anions and perchlorate samples will be filtered. Samples collected for radionuclide analysis will be filtered and nonfiltered for all water media, excluding tritium, which is nonfiltered only. Organic constituents are nonfiltered for all water media. Stable isotope samples for nitrogen isotopes are filtered; stable isotope samples for deuterium and oxygen isotopes are not filtered. Field parameters pH, turbidity (Trb), specific conductance (SC), dissolved oxygen (DO), and temperature (T) will be measured at all locations. Oxidation-reduction potential (ORP) will be measured if a flow-through cell is utilized and will not be measured in surface water, spring water, or water collected from Westbay sampling systems unless specified.

[c] Metals analysis includes the 23 TAL metals, plus boron, molybdenum, silica, strontium, tin, and uranium.

[d] Rad (radiological) suite includes gross alpha, gross beta, alpha spec, gamma spec, and strontium-90.

[e] General inorganic analysis includes major anions (bromide, chloride, fluoride, sulfate), major cations (calcium, magnesium, sodium, potassium), nitrate plus nitrite (as N), TKN, ammonia, phosphate, TOC, TDS, alkalinity, SC, and pH.

[f] The analytical suite of HEXP includes the Consent Order list of the normal SW-846:8330 analytes plus PETN, TATB, 3,5-dinitroaniline, TOCP, 2,4-diamino-6-nitrotoluene, and 2,6-diamino-4-nitrotoluene. These are analyzed by SW-846:8321A. The "RDX-DP" superscript designates analysis for the RDX degradation products MNX, DNX, and TNX, which are analyzed by SW-846:8330.

[g] Indicator suite includes major anions and cations (including metals), nitrate plus nitrite (as N), alkalinity, pH, TOC, and, as needed, sulfide, ammonia, TKN, and perchlorate.

Table 7.4-1
Frijoles, Ancho, and Chaquehui Watersheds Interim Monitoring Plan

Locations	Rationale for Selection of Locations	Surface-Water Body or Source Aquifer[a]	Water Level or Flow	Analytical Suites															
				Metals[b,c]	Organics[b]						Radionuclides[b,d]			General Inorganics[b,d]					Field Data[b]
				TAL Metals	VOC +TICs	SVOC +TICs	Pesticides	PCB	HEXP[f]	Dioxins/Furans	RAD	Tritium	Low Level Tritium	Gen Inorganics	Indicator Suite[g]	Perchlorate (LCMSMS)	Stable Isotopes	Suspended Sediment Concentration	DO,ORP, pH,SC,T,Trb
Ancho Watershed																			
Ancho at Rio Grande	Historical annual sampling site. Sampled in fall during White Rock and Rio Grande watershed sampling event.	Base flow	A	A	A	A			A[RDX-DP]		A			A		A		A	A
39-UM-3	Historically dry. Sampled if groundwater is present.	Alluvial	A	A	A	A			A[RDX-DP]		A		A	A		A	A		A
39-DM-6	Historically dry. Sampled if groundwater is present.	Alluvial	A	A	A	A			A[RDX-DP]		A		A	A		A	A		A
R-31 screen 1	Dry. Will check each time well is sampled and collect a groundwater sample if water is present.	Intermediate	A	A	A				A[RDX-DP]		A		A	A		A	A		A
Test Well DT-5A	Part of interim monitoring network pending well network assessment for MDA AB.	Regional	C	A	A				A[RDX-DP]		A		A	A		A	A		A
Test Well DT-9	Part of interim monitoring network pending well network assessment for MDA AB.	Regional	C	A	A				A[RDX-DP]		A		A	A		A	A		A
Test Well DT-10	Part of interim monitoring network pending well network assessment for MDA AB.	Regional	C	A	A				A[RDX-DP]		A		A	A		A	A		A
R-31 screen 2	Evaluated as part of the Well Screen Analysis Report. On indicator suite pending further evaluation and in the well network assessment for MDA AB. Sample for watershed-specific indicator suite.	Regional	C						A[RDX-DP]				S		S				S
R-31 screen 3	Evaluated as part of the Well Screen Analysis Report. On indicator suite pending further evaluation in the well network assessment for MDA AB. Sample for watershed-specific indicator suite.	Regional	C						A[RDX-DP]				S		S				S
R-31 screen 4	Part of interim monitoring network pending well network assessment for MDA AB.	Regional	C	A	A				A[RDX-DP]		A		A	A		A	A		A
R-31 screen 5	Part of interim monitoring network pending well network assessment for MDA AB.	Regional	C	A	A				A[RDX-DP]		A		A	A		A	A		A
Frijoles Canyon																			
Rio de los Frijoles at Bandelier (E350)	Annual sampling at this location.	Base flow	A	A	A	A					A		A	A		A	A	A	A

Table 7.4-1 (continued)

Locations	Rationale for Selection of Locations	Surface-Water Body or Source Aquifer[a]	Water Level or Flow	Analytical Suites																
				Metals[b,c]	Organics[b]						Radionuclides[b,d]			General Inorganics[b,d]					Field Data[b]
				TAL Metals	VOC +TICs	SVOC +TICs	Pesticides	PCB	HEXP[f]	Dioxins/Furans	RAD	Tritium	Low Level Tritium	Gen Inorganics	Indicator Suite[g]	Perchlorate (LCMSMS)	Stable Isotopes	Suspended Sediment Concentration	DO,ORP, pH,SC,T,Trb
Frijoles at Rio Grande	Perimeter station for LANL. Sampled in fall during White Rock and Rio Grande watershed sampling event.	Base flow	A	A	A	A					A		A	A		A	A	A	A

Note: Empty cells denote analytes will not be sampled at this location.

[a] Sampling frequency: C = continuous; Q = quarterly (4 times/yr at set time periods); S = semiannual (2 times/yr at set time periods); A = annual (1 time/yr).
Continuous monitoring for groundwater refers to the measurement of groundwater-level measurements by a transducer placed in a well and programmed to collect groundwater-level measurements at highly frequent intervals (e.g., every 60 min daily throughout the year). Continuous stream-flow monitoring refers to the measurement of stream flow by a base-flow stream gage that is programmed to collect stream-flow measurements at highly frequent intervals.

[b] Nonfiltered and filtered samples will be collected for general inorganics (excluding anions) and metals. Anions and perchlorate samples will be filtered. Samples collected for radionuclide analysis will be filtered and nonfiltered for all water media, excluding tritium, which is nonfiltered only. Organic constituents are nonfiltered for all water media. Stable isotope samples for nitrogen isotopes are filtered; stable isotope samples for deuterium and oxygen isotopes are not filtered. Field parameters pH, turbidity (Trb), specific conductance (SC), dissolved oxygen (DO), and temperature (T) will be measured at all locations. Oxidation-reduction potential (ORP) will be measured if a flow-through cell is utilized and will not be measured in surface water, spring water, or water collected from Westbay sampling systems unless specified.

[c] Metals analysis includes the 23 TAL metals, plus boron, molybdenum, silica, strontium, tin, and uranium.

[d] Rad (radiological) suite includes gross alpha, gross beta, alpha spec, gamma spec, and strontium-90.

[e] General inorganic analysis includes major anions (bromide, chloride, fluoride, sulfate), major cations (calcium, magnesium, sodium, potassium), nitrate plus nitrite (as N), TKN, ammonia, phosphate, TOC, TDS, alkalinity, SC, and pH.

[f] The analytical suite of HEXP includes the Consent Order list of the normal SW-846:8330 analytes plus PETN, TATB, 3,5-dinitroaniline, TOCP, 2,4-diamino-6-nitrotoluene, and 2,6-diamino-4-nitrotoluene. These are analyzed by SW-846:8321A. The "RDX-DP" superscript designates analysis for the RDX degradation products MNX, DNX, and TNX, which are analyzed by SW-846:8330.

[g] Indicator suite includes major anions and cations (including metals), nitrate plus nitrite (as N), alkalinity, pH, TOC, and, as needed, sulfide, ammonia, TKN, and perchlorate.

Table 8.4-1
White Rock Canyon and Rio Grande Watershed Interim Monitoring Plan

Locations	Rationale for Selection of Locations	Surface-Water Body or Source Aquifer	Water Level or Flow[a]	Metals[b,c]	Organics[b]						Radionuclides[b,c]				General Inorganics[b,d]			Field Data[b]	
				TAL Metals + Cyanide & Mo	VOC +TICs	SVOC +TICs	Pesticides	PCB	HEXP[f]	Dioxins/Furans	RAD	Tritium	Low Level Tritium	Gen Inorganics	Indicator Suite[g]	I Perchlorate (LCMSMS)	Stable Isotopes	Suspended Sediment Concentration	DO,ORP, pH,SC,T,Trb
Sacred Spring	Off-site spring, monitors regional aquifer downgradient of LANL. Background location.	Intermediate Spring	A	A	A	A					A		A	A		A	A	A	A
La Mesita Spring	Monitors regional aquifer downgradient of LANL.	Regional Spring	A	A	A	A					A		A	A		A	A	A	A
Spring 1	Monitors regional aquifer downgradient of LANL. Background location.	Spring	A	A	A	A					A		A	A		A	A	A	A
Spring 2	Monitors regional aquifer downgradient of LANL.	Spring	A	A	A	A					A		A	A		A	A	A	A
Sandia Spring (new location)	Monitors regional aquifer downgradient of LANL.	Intermediate Spring	S	S	S	S					A		S	S		S	A	S	S
Spring 2B	Monitors regional aquifer downgradient of LANL.	Intermediate Spring	A	A	A	A					A		A	A		A	A	A	A
Spring 3	Monitors regional aquifer downgradient of LANL.	Regional Spring	A	A	A	A					A		A	A		A		A	A
Spring 3A	Monitors regional aquifer downgradient of LANL.	Regional Spring	A	A	A	A					A		A	A		A		A	A
Spring 3AA	Monitors regional aquifer downgradient of LANL.	Regional Spring	A	A	A	A					A		A	A		A		A	A
Spring 4	Monitors regional aquifer downgradient of LANL.	Intermediate Spring	S	S	S	S			A[RDX-DP]		A		A	A		A		A	A
Spring 4B	Monitors regional aquifer downgradient of LANL.	Intermediate Spring	S	S	S	S			A[RDX-DP]		A		A	A		A		A	A
Spring 4C	Monitors regional aquifer downgradient of LANL.	Intermediate Spring	S	S	S	S			S[RDX-DP]		A		S	S		S		S	S
Spring 4A	Monitors regional aquifer downgradient of LANL.	Regional Spring	A	A	A	A			S[RDX-DP]		A		S	S		S		S	S
Spring 4AA	Monitors regional aquifer downgradient of LANL.	Regional Spring	A	A	A	A			S[RDX-DP]		A		S	S		S		S	S
Spring 5	Monitors regional aquifer downgradient of LANL.	Regional Spring	A	A	A	A			A[RDX-DP]		A		A	A		A		A	A
Ancho Spring	Monitors regional aquifer downgradient of LANL.	Regional Spring	A	A					A[RDX-DP]		A		A	A		A		A	A
Spring 5A	Monitors regional aquifer downgradient of LANL.	Spring	A	A	A	A			A[RDX-DP]		A		A	A		A	A	A	A
Spring 5B	Monitors regional aquifer downgradient of LANL. Background location.	Spring	A	A					A[RDX-DP]		A		A	A		A	A	A	A
Spring 6	Monitors regional aquifer downgradient of LANL. Background location.	Regional Spring	A	A					A[RDX-DP]		A		A	A		A		A	A
Spring 6A	Monitors regional aquifer downgradient of LANL. Background location.	Spring	A	A					A[RDX-DP]		A		A	A		A	A	A	A
Spring 6AAA	Monitors regional aquifer downgradient of LANL.	Spring	A	A					A[RDX-DP]		A		A	A		A	A	A	A
Spring 7	Monitors regional aquifer downgradient of LANL.	Spring	A	A					A[RDX-DP]		A		A	A		A	A	A	A
Spring 8	Monitors regional aquifer downgradient of LANL.	Spring	A	A					A[RDX-DP]		A		A	A		A	A	A	A
Spring 8A	Monitors regional aquifer downgradient of LANL. Background location.	Spring	A	A					A[RDX-DP]		A		A	A		A	A	A	A
Spring 9	Monitors regional aquifer downgradient of LANL. Background location.	Spring	A	A					A[RDX-DP]		A		A	A		A		A	A
Spring 9A	Monitors regional aquifer downgradient of LANL. Background location.	Regional Spring	A	A					A[RDX-DP]		A		A	A		A		A	A

Table 8.4-1 (continued)

				Metals[b,c]	Organics[b]						Radionuclides[b,c]				General Inorganics[b,d]			Field Data[b]	
Locations	Rationale for Selection of Locations	Surface-Water Body or Source Aquifer	Water Level or Flow[a]	TAL Metals + Cyanide & Mo	VOC +TICs	SVOC +TICs	Pesticides	PCB	HEXP[f]	Dioxins/Furans	RAD	Tritium	Low Level Tritium	Gen Inorganics	Indicator Suite[g]	I Perchlorate (LCMSMS)	Stable Isotopes	Suspended Sediment Concentration	DO,ORP, pH,SC,T,Trb
Spring 9B	Monitors regional aquifer downgradient of LANL. Background location.	Spring	A	A					A[RDX-DP]		A		A	A		A	A	A	A
Spring 10	Monitors regional aquifer downgradient of LANL.	Spring	A	A					A[RDX-DP]		A		A	A		A	A	A	A
Ancho at Rio Grande	Historical annual sampling site. Sampled in Fall, during White Rock and Rio Grande watershed sampling event. See Table 7.4-1.	Base flow																	
Frijoles at Rio Grande	Perimeter station for LANL. Sampled in Fall, during White Rock and Rio Grande watershed sampling event. See Table 7.4-1.	Base flow																	

Note: Empty cells denote analytes will not be sampled at this location.

a Sampling frequency: C = continuous; Q = quarterly (4 times/yr at set time periods); S = semiannual (2 times/yr at set time periods); A = annual (1 time/yr). Continuous monitoring for groundwater refers to the measurement of groundwater-level measurements by a transducer placed in a well and programmed to collect groundwater-level measurements at highly frequent intervals (e.g., every 60 min daily throughout the year). Continuous stream-flow monitoring refers to the measurement of stream flow by a base-flow stream gage that is programmed to collect stream-flow measurements at highly frequent intervals.

b Nonfiltered and filtered samples will be collected for general inorganics (excluding anions) and metals. Anions and perchlorate samples will be filtered. Samples collected for radionuclide analysis will be filtered and nonfiltered for all water media, excluding tritium, which is nonfiltered only. Organic constituents are nonfiltered for all water media. Stable isotope samples for nitrogen isotopes are filtered; stable isotope samples for deuterium and oxygen isotopes are not filtered. Field parameters pH, turbidity (Trb), specific conductance (SC), dissolved oxygen (DO), and temperature (T) will be measured at all locations. Oxidation-reduction potential (ORP) will be measured if a flow-through cell is utilized and will not be measured in surface water, spring water, or water collected from Westbay sampling systems unless specified.

c Metals analysis includes the 23 TAL metals, plus boron, molybdenum, silica, strontium, tin, and uranium.

d Rad (radiological) suite includes gross alpha, gross beta, alpha spec, gamma spec, and strontium-90.

e General inorganic analysis includes major anions (bromide, chloride, fluoride, sulfate), major cations (calcium, magnesium, sodium, potassium), nitrate plus nitrite (as N), TKN, ammonia, phosphate, TOC, TDS, alkalinity, SC, and pH.

f The analytical suite of HEXP includes the Consent Order list of the normal SW-846:8330 analytes plus PETN, TATB, 3,5-dinitroaniline, TOCP, 2,4-diamino-6-nitrotoluene, and 2,6-diamino-4-nitrotoluene. These are analyzed by SW-846:8321A. The "RDX-DP" superscript designates analysis for the RDX degradation products MNX, DNX, and TNX, which are analyzed by SW-846:8330.

g Indicator suite includes major anions and cations (including metals), nitrate plus nitrite (as N), alkalinity, pH, TOC, and, as needed, sulfide, ammonia, TKN, and perchlorate.

Appendix A

Watershed Conceptual Models

Tables

Table A-1
Los Alamos Canyon and Pueblo Canyon Watershed Conceptual Model

Conceptual Model Element	Characteristic	Upper Los Alamos Canyon (including DP Canyon)	Pueblo Canyon (including Acid Canyon)	Lower Los Alamos Canyon
Surface Water	Flow	Perennial flow originates from springs and interflow through hillslope soils in the upper watershed. The downcanyon extent of perennial flow is variable but generally terminates in the upper portions of Los Alamos Canyon west of Technical Area 41(TA-41). The magnitude of snowmelt runoff is the predominant factor affecting the duration and extent of surface water flow. The remainder of upper Los Alamos Canyon down to its confluence with Pueblo Canyon has intermittent surface-water flow. Segments that have persistent flow for most of the year or during periods of extended snowmelt runoff sometimes exhibit interrupted flow. Flow in Delta Prime (DP) Canyon is ephemeral, although some persistent surface water is sometimes observed in small, shallow bedrock pools, generally less than a few meters across, which are filled by runoff originating in the southeastern portion of the Los Alamos townsite. Flow sometimes exists for very short distances in Reach DP-2 because of discharge of groundwater stored within alluvium, and immediately above, in Reach DP-4, where groundwater discharges at DP Spring.	Surface water flow in upper Pueblo and Acid Canyons is generally ephemeral with runoff events caused by summer storms. Locally persistent surface water flow in the upper canyon is associated with townsite runoff and snowmelt runoff. Gage data (E055) available for 2002 and 2003 show that surface water rarely flows through the length of upper Pueblo Canyon; only14 d of this flow occurred in 2002. In the South Fork of Acid Canyon, the channel is bedrock dominated, and stormwater runoff and periodic releases of water from the Walkup Aquatic Center result in small pools of water that persist for several weeks or even months in narrow, confined and/or shaded canyon areas. In lower Pueblo Canyon, effluent-dependent flow is present for about 3 km in lower Pueblo Canyon from the discharge from the Los Alamos County Wastewater Treatment Plant (WWTP). The flow extends to the confluence with Los Alamos Canyon. In water year 2002, gaging station E060 below the WWTP measured 357 days of flow (Shaull et al. 2002, 085499).	Surface water flow in lower Los Alamos Canyon is from Basalt Spring and a lesser amount from Los Alamos Spring. The flow from Basalt Spring and the downcanyon extent of surface water flow depend on the amount of water that is discharged from the WWTP. At times of high discharge, flow can be continuous for approximately 7.5 km to the confluence with the Rio Grande. During periods of low discharge, flow may only extend from 1 to 3 km. Within approximately 1–2 km of the confluence with the Rio Grande, surface water flow is common and believed to be related to discharge of deep groundwater to the surface.

Table A-1 (continued)

Conceptual Model Element	Characteristic	Upper Los Alamos Canyon (including DP Canyon)	Pueblo Canyon (including Acid Canyon)	Lower Los Alamos Canyon
Springs	Flow	Discharge at DP Spring is highly variable, generally ranging from 0 to less than 1 gal./min and has been observed to respond rapidly to stormwater runoff from upper DP Canyon. Surface-water flow generally extends for less than 50 ft downcanyon from the point where spring flow joins the stream channel.	There are no springs in Pueblo Canyon.	Basalt Spring is recharged by water from the WWTP in Pueblo Canyon. It has variable estimated discharge rates ranging from 1 to 10 gal./min. Los Alamos Spring discharges along the south slope of the canyon approximately 300 m downstream of Basalt Spring.
Alluvial Groundwater	Extent/ Hydrology	Alluvial saturation extends from west of the Los Alamos National Laboratory (LANL or the Laboratory) boundary downcanyon for variable distances. During dry years, and especially during years with limited spring snowmelt runoff, saturation may not extend to LAO-4c. Alluvial monitoring wells as far down upper Los Alamos Canyon as LAO-4.5c had water for sampling for the first three of four Resource Conservation and Recovery Act (RCRA) facility investigation (RFI) sampling rounds conducted in 2001 and 2002. LAO-6a, the most downcanyon alluvial monitoring well in upper Los Alamos Canyon, had water sufficient only during the round of sampling conducted in the spring of 2001. Monitoring well LAO-B, located on U.S. Forest Service land approximately 0.7 km west of the Laboratory boundary, shows very consistent water levels throughout the year with little interannual variability.	Alluvial groundwater occurs in two distinct modes. Wells located upcanyon of the WWTP show groundwater level variations closely tied to precipitation and associated flood events and to winter and spring snowmelt. The extent of saturation is seasonally variable but often extends downcanyon to the portion of the canyon where effluent from the Bayo WWTP is discharged into the canyon. Below the WWTP, saturated conditions occur year-round, but the degree of saturation is variable because of changes in runoff and the volume of effluent released throughout the year. The variation in water-level elevations downcanyon of the WWTP is controlled primarily by seasonal routing of effluent for uses such as irrigation for the municipal golf course.	Groundwater saturation in most of lower Los Alamos Canyon down to the area around LLAO-4 is related to infiltration of surface water discharged from Basalt Spring, which is hydrologically linked to surface water discharged from the Bayo WWTP into Pueblo Canyon (LANL 1995, 050290). Groundwater levels in the upper portion of lower Los Alamos Canyon are highly variable and are related to seasonal variations in discharge rates from the WWTP and to floods from upper Los Alamos and Pueblo Canyons. In the lowermost portion of lower Los Alamos Canyon, the water-level record from LLAO-5 shows relatively constant saturation with much less variability than is exhibited in the upper portions of lower Los Alamos Canyon. The geochemistry of groundwater from LLAO-5 indicates that alluvial groundwater in the lower-most portion of the watershed represents mixing of waters from Los Alamos Canyon and regional groundwater discharging to the Rio Grande.

Table A-1 (continued)

Conceptual Model Element	Characteristic	Upper Los Alamos Canyon (including DP Canyon)	Pueblo Canyon (including Acid Canyon)	Lower Los Alamos Canyon
		Farther downcanyon, alluvial groundwater levels show rapid response to heavy precipitation in the summer and fall. Water levels also rise in response to late winter and early spring snow melt runoff. This recharge mechanism is not entirely caused by infiltration from the streambed but may also be related to underflow within the alluvium. In DP Canyon, two separate alluvial saturated zones exist: one in Reach DP-2 and the other in Reach DP-4. In general, groundwater-level variations in DP Canyon are directly related to runoff generated in the Los Alamos townsite throughout the year. Alluvial groundwater monitoring wells in Reach DP-2 consistently show some amount of saturation. The second saturated zone is separated from Reach DP-2 by a bedrock-dominated portion of the canyon. Intermittent flow from DP Spring recharges the alluvium in Reach DP-4. This alluvial groundwater is a component of the groundwater observed in well LAO-2 at the confluence of DP and Los Alamos Canyons. Contaminants unique to the portion of upper Los Alamos Canyon above the confluence with DP Canyon (e.g., molybdenum) are detected in LAO-2, indicating that mixing of groundwater from distinct sources occurs in this area.		

Table A-1 (continued)

Conceptual Model Element	Characteristic	Upper Los Alamos Canyon (including DP Canyon)	Pueblo Canyon (including Acid Canyon)	Lower Los Alamos Canyon
Intermediate Groundwater	Extent/ Hydrology	Intermediate-depth perched groundwater beneath Los Alamos Canyon has variable depth and lithology of the saturated zones. Intermediate-depth groundwater was encountered near the top of the Puye Formation (below the Guaje Pumice Bed) at approximately 680 ft below ground surface (bgs) in R-7 in the Guaje Pumice Bed, at 325 ft in LADP-3, and at 295 ft in LAOI(A)-1.1. Deeper saturation was also encountered at about 317 ft in the Puye Formation in borehole LAOI(A)-1.1 within the Guaje Pumice Bed. Intermediate-depth perched groundwater was also encountered during drilling of supply well O-4 near the confluence with DP Canyon (Stoker et al. 1992, 058718). Zones of intermediate-depth perched groundwater occur within Cerros del Rio basalts at approximately 179 ft and 264 ft at well R-9i in the lower portion of upper Los Alamos Canyon.	Intermediate-depth groundwater occurs beneath Pueblo Canyon. At Test Well (TW) 2A, in the middle portion of Pueblo Canyon, the perched groundwater occurs within the Puye Formation at a depth of approximately 120 ft bgs. In lower Pueblo Canyon, in TW-1A and POI-4, perched groundwater was encountered within Cerros del Rio basalts at a depth of about 188 ft bgs. This intermediate perched zone may be one source of water contributing to the flow from Basalt Spring in Los Alamos Canyon.	
Regional Aquifer	Depth/ Hydrology	Depth to the regional aquifer in upper Los Alamos Canyon is about 900 ft bgs in the Puye Formation at R-7 in the upper portion of the canyon and 688 ft bgs in Santa Fe Group basalts at R-9 in the lower portion of upper Los Alamos Canyon (Broxton et al. 2001, 071250; Stone et al. 2002, 072717).	Depth to the regional aquifer is known from several locations in Pueblo Canyon and ranges from approximately 890 ft bgs at R-2 in upper Pueblo Canyon to approximately 650 ft bgs at TW-1 in lower Pueblo Canyon. Historical data indicate that recharge pathways between alluvial groundwater and deeper zones of saturation exist beneath Pueblo Canyon.	Discussions of regional groundwater beneath lower Los Alamos Canyon are presented in a section of this Interim Facility-wide Groundwater Monitoring Plan (hereafter, the Interim Plan) that addresses San Ildefonso Pueblo and White Rock Canyon.

Table A-2
Sandia Canyon Watershed Conceptual Model

Conceptual Model Element	Characteristic	Upper Sandia Canyon (from TA-03 to bottom of NM 4 hill, west TA-53)	Middle Sandia Canyon (bottom of Truck Route hill to NM 4)	Lower Sandia Canyon (NM 4 to Rio Grande)
Surface Water	Flow	Flow is mainly from effluent discharges (about 330,000 gal./d). Flow is perennial for 2 to 2.5 mi from TA-03 (gage E123) to the western edge of TA-53, intermittent for short reach near bottom of Truck Route hill, and stream flow loss is pronounced.	Ephemeral at gage stations E124 and E125	Lower Sandia Canyon is ephemeral except for an intermittent reach of a few hundred yards supported by Sandia Spring approximately 0.5 mi from the Rio Grande.
Springs	Location	There are no springs in this reach.	There are no springs in this reach.	Sandia Spring discharges ~1 gal./min approximately 0.5 mi from Rio Grande
Alluvial Groundwater	Extent	Alluvial saturation is present and predominantly limited to the wetland in reach S-2.	Alluvial saturation is present within this canyon segment from near SCA-2 to approximately SCA-4. Alluvial wells farther downcanyon are typically dry. .	The extent of alluvial groundwater is not known, and lower Sandia Canyon is probably dry.
Intermediate Groundwater	Extent/Hydrology	Some intermediate water is present beneath stream channel because of perennial flow conditions.	In 2006, SCI-1 was installed in intermediate groundwater located within the Puye Formation fanglomerate. Data from core hole SCC-2 show evidence of saturation near the top of the Cerro Toledo interval and at the top of the Cerros del Rio basalt. Perched groundwater may also occur within or at the base of the Cerros del Rio basalt, based on known occurrences in Sandia Canyon (R-12) and Mortandad Canyon (MCOI-5 and MCOI-6). Lateral extent of intermediate groundwater not certain; however, wells R-11 and PM-1, have also encountered intermediate groundwater.	R-10 and R-10a encountered intermediate groundwater in lower Sandia Canyon.
Regional Aquifer	Depth/Hydrology	No regional aquifer wells in this reach of canyon	The regional aquifer is penetrated by four monitoring wells in this reach: R-11, R-35a, R-35b, and R-36. The depth to groundwater is approximately 800 ft bgs.	R-10 and R-10a show regional groundwater at approximately 671 ft bgs.

Table A-3
Mortandad Canyon Watershed Conceptual Model

Conceptual Model Element	Characteristic	Description
Surface Water	Flow	Surface water flow in Mortandad Canyon and its tributaries is ephemeral. With the exception of gaging station E200, which measures flow created by discharge of treated effluent from the TA-50 RLWTF, all other gaging stations measured flow only in response to precipitation. In the period from 1995 to 2002, gage E200 measured flow 64% of the year, whereas the other gages (E202, E203, E204) measured no flow. Operating National Pollutant Discharge Elimination System– (NPDES-) permitted outfalls associated with Mortandad Canyon include 051 associated with the TA-50 Radioactive Liquid Waste Treatment Facility (RLWTF); 03A-021 associated with the Chemistry and Metallurgy Research Laboratory at TA-03; 03A-022 associated with the Sigma Building at TA-03; 03A-045 associated with the Rad Chem Laboratory at TA-48; 03A-160 associated with Antares Target Hall at TA-35; 03A-181 associated with a utility building at TA-55; and 04A-166 associated with water supply well Pajarito Mesa #5. Cañada del Buey within the Laboratory boundary is ephemeral, based on flow data from three gages: E218, E230, and E225. In the period from 1995 to 2002, the number of days of flow per year ranged from 38 at the gage near TA-46 to zero near Material Disposal Area (MDA) G. Cañada del Buey east of the Laboratory, has flow derived from effluent discharged from the Los Alamos County sewage treatment plant in White Rock, which discharges into Cañada del Buey about 2 mi upstream of its confluence with Mortandad Canyon and results in surface flow that regularly extends to the Rio Grande. Operational NPDES-permitted outfalls associated with Cañada del Buey include 13S associated with the TA-46 Sanitary Wastewater Systems Consolidation (SWSC) Plant (effluent is sampled at 13S but not discharged; all SWSC effluent is routed to TA-03) and 04A-118 associated with water supply well Pajarito Mesa #4.
Springs	Location	No springs are present in the Mortandad Canyon.
Alluvial Groundwater	Extent	Based on water levels observed in Mortandad Canyon alluvial wells, a saturated zone in the alluvium extends downstream from the TA-50 RLWTF outfall for approximately 2.2 mi. The easternmost extent of saturation in the alluvium is estimated near wells MCO-8 and MCO-8.2. In Cañada del Buey, nine alluvial wells were installed, but only two occasionally contain groundwater.
	Depth/Thickness	The saturated portion of the Mortandad Canyon alluvium is generally less than 10 ft thick, and saturated thickness varies considerably depending on the amount of precipitation and runoff in any particular year. Groundwater flow velocity in the alluvium varies from about 60 ft/d in the upper canyon to about 7 ft/d in the lower canyon and has been estimated to be 30 to 40 ft/d between MCO-5 and MCO-8.2.
Intermediate Groundwater	Extent/Hydrology	Perched groundwater was encountered during drilling of R-15 and MCOBT-4.4 in two different stratigraphic levels within the Cerros del Rio basalt. The lateral extent of these intermediate-depth perched zones is not known.
	Depth/Thickness	At MCOBT-4.4, a single screen is set in a perched zone within the upper Puye Formation/Cerros del Rio basalt at a depth of 524 ft bgs. In R-15, perched groundwater was encountered at a depth of 646 ft bgs in the lower portion of the Cerros del Rio basalt.

Table A-3 (continued)

Conceptual Model Element	Characteristic	Description
Regional Aquifer	Depth/Hydrology	The regional water table occurs within the Puye Formation in the Mortandad Canyon watershed. In Ten Site Canyon, approximately 3700 ft west of the confluence with Mortandad Canyon, the regional aquifer was encountered at a depth of 1182 ft in well R-14. In TW-8, located in Mortandad Canyon approximately 1300 ft west of the confluence with Ten Site Canyon, the regional aquifer occurs at a depth of 994 ft. The regional aquifer was encountered at a depth of 964 ft in R-15, located in Mortandad Canyon approximately 2000 ft east of the confluence with Ten Site Canyon. In well R-13, located approximately 5800 ft east-southeast of R-15, the regional aquifer was encountered at a depth of 833 ft. Flow in the regional aquifer is generally west to east with some deviation resulting from pumping within the Pajarito Mesa well field. However, the flow tends to come back toward the east from pumping of other wells. Average flow velocity for the regional aquifer in the vicinity of Mortandad Canyon is estimated to be about 95 ft/yr.

Table A-4
Pajarito Canyon Watershed Conceptual Model

Conceptual Model Element	Characteristic	Pajarito Canyon	Twomile Canyon	Threemile Canyon
Surface Water	Flow	Surface water occurs in Pajarito Canyon mostly as intermittent flow. Short reaches of perennial flow occur downstream of spring discharges in Starmers Gulch and below the 4-series springs in White Rock Canyon. Surface water flow is ephemeral in central Pajarito Canyon between the confluences with Twomile and Threemile Canyons. Flow is also ephemeral through White Rock.	Flow is ephemeral west of TA-03 and is possibly intermittent from TA-03 to the confluence with Pajarito Canyon.	Surface water flow in Threemile Canyon is ephemeral, except for a possibly intermittent reach supported by springs above the confluence of Threemile and Pajarito Canyons.
Springs	Location	In the western portion of Pajarito Canyon, springs issue from canyon slopes above the alluvium. The probable source of these springs is the upper part of the Tshirege Member of the Bandelier Tuff. Typical discharge rates are approximately 1 to 15 gal./min. Springs include PC, Homestead, Upper Starmer, Charlies, Garvey, Perkins, Starmer, and Josie Springs, Keiling, and Bulldog Springs.	Springs issue from the canyon floor of upper Twomile Canyon in TA-03 and TA-58. These springs include Hanlon, Anderson, SM-30, SM-30A, and TW-1.72 Springs.	There are two springs on the floor of Threemile Canyon: Threemile and TA-18 Springs.
Alluvial Groundwater	Extent	The nature and extent of alluvial groundwater will be defined with new well installed in Spring 2008. Alluvial wells have been installed between TA-18 and NM 4. These wells demonstrate the presence of alluvial groundwater in this part of Pajarito Canyon. The drilling of seven test holes in 1985 showed that the saturation in lower Pajarito Canyon does not extend laterally under Mesita del Buey near MDAs G and L (Devaurs 1985, 007416; Devaurs and Purtymun 1985, 007415). Three of the alluvial test holes were completed as groundwater monitoring wells (PCO-1, -2, and -3).	The extent of alluvial groundwater will be defined with new wells installed in Spring 2008.	Alluvial groundwater has been documented in lower Threemile Canyon at 18-BG-1 and 18-MW-8. Alluvial groundwater occurrences will be further defined with new wells installed in Spring 2008.

Table A-4 (continued)

Conceptual Model Element	Characteristic	Pajarito Canyon	Twomile Canyon	Threemile Canyon
	Depth/ Thickness	Wells PCO-1, -2, and -3 are probably representative of alluvial groundwater between TA-18 and NM 4. When installed, depth to water was 1.3 ft in PCO-1, 6.3 ft in PCO-2, and 3.1 ft in PCO-3 (Purtymun 1995, 045344). Assuming continuous saturation in the alluvium, the saturated thickness is about 9.7 ft in PCO-1, 2.7 ft in PCO-2, and 8.9 ft in PCO-3. The saturated thickness varies seasonally, with no water present in dry years.	No data	In well 18-BG-4, the water level was 2.5 ft bgs.
Intermediate Groundwater	Extent/ Hydrology	Intermediate perched water is likely to occur beneath Pajarito Canyon, but knowledge of its extent and quality is incomplete. Perched water was indicated during the drilling of PM-2 and SHB-4 in the vicinity of TA-18. At PM-2, a "show of water at 335 ft" was noted in the Otowi Member of the Bandelier Tuff during the cable-tool drilling (Cooper et al. 1965, 008582). In SHB-4, the core tube and core from the top of the Otowi Member from about 125 ft to 145 ft were wet when they came out of the hole (Gardner et al. 1993, 012582). Test Holes 5 and 6 were drilled in 1950 to detect perched groundwater in Pajarito Canyon south of TA-54. Test Hole 5 was drilled through the Bandelier Tuff and into basalts at a total depth of 263 ft. Test Hole 6 was also drilled through the tuff and into basalts to a total depth of 300 ft (Griggs and Hem 1964, 092516). These dry test holes indicate that perched water does not occur in the upper part of the vadose zone in this part of the canyon. Between 2000 and 2002 regional wells R-20, R-22, R-23, and R-32 were installed in lower Pajarito Canyon. Perched intermediate water was not identified during the drilling of wells R-20, R-22, and R-32. However, at R-23, near the eastern	Well 03-MW-1 is a 28-ft-deep mesa-top well that samples shallow intermediate perched water near building SM-30 at TA-03. A thin zone of saturation occurs in tuffs of the upper Tshirege Member. The depth to water in well 03-MW-1 is 20 ft.	Characterization well R-19, located on the mesa south of Threemile Canyon, had indications of possible perched water at depths of 834 to 840 ft and 894 to 912 ft (Broxton et al. 2001, 071254). Both zones were screened in the completed well, but only the 894- to 912-ft interval (screen 2) in the Puye Formation yields water.

Conceptual Model Element	Characteristic	Pajarito Canyon	Twomile Canyon	Threemile Canyon
		Laboratory boundary, there were indications that perched intermediate water may be present in Cerros del Rio basalt. However, R-23 is only screened in the regional aquifer.		
Regional Aquifer	Depth/ Hydrology	Based on Laboratory water-level maps, the general direction of groundwater flow in the regional aquifer is east to southeast in the vicinity of Pajarito Canyon. Depth to the regional aquifer is known in Pajarito Canyon at supply well PM-2 and in characterization wells R-20, R-22, R-23, and R-32. The static water level for PM-2 in 2001 was at a depth of 855 ft. In 2002, the top of the regional water table was at a depth of 826 ft in R-20, 890 ft in R-22, 828 ft in R-23, and 776 ft in R-32. R-23 is completed with a single well screen, R-20 and R-32 have three well screens, and R-22 has five well screens. The upper portion of the regional aquifer probably discharges at Spring 4A in White Rock Canyon.	There are no regional aquifer wells associated with Twomile Canyon.	Well R-19 is located on the mesa south of Threemile Canyon. It is downgradient from firing site IJ in TA-36 and is upgradient of TA-18. In addition to two screens in the vadose zone (described above), R-19 has five screens in the regional aquifer.

Table A-5
Water Canyon Watershed Conceptual Model

Conceptual Model Element	Characteristic	Upper Water Canyon and Cañon de Valle	Middle Water Canyon	Lower Water, Fence, and Potrillo Canyons
Surface Water	Flow	*Water Canyon*: Perennial from NM 501 to the eastern edge of TA-28. Intermittent surface water occurs in upper Water Canyon (gage E252) primarily in the spring. *Cañon de Valle:* Perennial from Peter Seep to gage E256. Intermittent surface water exists from natural and anthropogenic sources to gage E262.	Flow is ephemeral at gage station E265.2	Lower Water Canyon is ephemeral, except for a perennial reach supported by Spring 5AA near the confluence of Water and Potrillo Canyons. Flow in Potrillo and Fence Canyons is entirely ephemeral.
Springs	Flow	Armistead Spring and American Spring, west of the Laboratory, and SWSC, Burning Ground, Martin, and the Hollow (on Laboratory property) and others in the upper reaches of Cañon de Valle	No springs are in the vicinity of TA-49, except for the seep near the Beta hole.	Spring 5AA in lower Water Canyon. No springs exist in Potrillo or in Fence Canyons.
Alluvial Groundwater	Extent/Hydrology	*Water Canyon:* Some alluvial groundwater may be present near the headwaters. Because of the limited addition of water, lack of springs and seeps, and rare discharge from tributary canyons, the occurrence and duration of alluvial groundwater likely decreases downcanyon. *Cañon de Valle:* Alluvial groundwater system near SWSC and Burning Ground Springs is perennial. Alluvial water in Martin Canyon and the Fishladder drainage is intermittent. Alluvium is typically less than 10 ft thick; however, saturation does extend into the tuff.	Alluvial groundwater is in WCM-1 and WCM-2, but no water is present in WCO-1, WCO-2, and WCO-3, although water was found in WCO-2 in 2005. In most years, the downstream extent of alluvial groundwater may be between WCM-2 and WCO-1.	*Potrillo:* One known occurrence of alluvial groundwater in Potrillo Canyon is in moisture access hole POTM-2. Several other boreholes have been drilled near this area to define the extent of the groundwater found in POTM-2, but all are dry. *Fence:* No occurrences of alluvial groundwater have been documented for Fence Canyon. However, only one well was installed, well FCO-1, located near NM 4. Based on physiography, no alluvial water is expected.

Table A-5 (continued)

Conceptual Model Element	Characteristic	Upper Water Canyon and Cañon de Valle	Middle Water Canyon	Lower Water, Fence, and Potrillo Canyons
Intermediate Groundwater	Extent/Hydrology	Lateral extent of the deep perched zone has not been determined; however, in R-25 and SHB-3, a thick perched zone was encountered. Shallower, disconnected, and transient zones of perched saturation have been identified elsewhere within the TA-16 mesa.	Four core holes (CH-1, CH-2, CH-3, and CH-4) were drilled to depths of 300 to 500 ft from 1959 to 1961 at the main experimental area, and more than 50 experimental holes were drilled as deep as 142 ft in Areas 1, 2, 2A, 2B, 3, and 4. No perched water was encountered in any of the core holes, and all holes have remained dry with the exception of CH-2, DT-5, DT-5P.	*Water:* None found in the two existing CdV wells (CdV-R-15 and CdV-R-37) *Potrillo and Fence:* The presence of perched water cannot be determined from available data.
Regional Aquifer	Depth/Hydrology	R-25 encountered the regional aquifer at 1286 ft.		Water supply well PM-2: 730 ft below the bottom of Potrillo Canyon and 620 ft below the bottom of Fence Canyon.

Table A-6
White Rock Canyon Watershed Conceptual Model

Conceptual Model Element	Characteristic	Description
Surface Water	Flow	Flow from regional aquifer springs supports perennial surface water flow in several canyons just above where they reach the Rio Grande: Sandia, Pajarito, Ancho, and Chaquehui Canyons. Except for Sandia Canyon, flows in these canyons reach the Rio Grande. A municipal sanitary treatment plant discharges effluent into Mortandad Canyon just above the river at the northern county boundary.
Springs	Location	Springs near the Rio Grande represent natural discharge from the regional aquifer. Regional aquifer springs are present just above the Rio Grande in Sandia, Pajarito, Ancho, and Chaquehui Canyons. Los Alamos Canyon and Water Canyon do not have significant springs in their lower reaches. A small seep (Otowi Spring) emerges along the Rio Grande bank south of Los Alamos Canyon. A small seep (Spring 5AA) issues from the Totavi Lentil in lower Water Canyon, but seldom has there been sufficient water for sampling. Springs discharge from two geologic units: the Tesuque Formation and the Totavi Lentil (the lower part of the Puye Formation). The Tesuque Formation consists of sandstones, siltstones, and interbedded basalts. The Totavi Lentil is a channel-fill deposit made up of grain sizes ranging from gravel to boulders. Group I springs discharge from the Totavi Lentil on the west side of the river. Water is dominated by calcium bicarbonate with sulfate and chloride of about 4 mg/L and total dissolved solids (TDS) averages 163 mg/L. These springs follow the outcrop of the Totavi Lentil, increasing their elevation above the river in a downstream direction. These higher elevation springs generally occur on the flanks of or in the bottom of canyons where erosion has exposed the Totavi Lentil. Group II springs discharge from coarse-grained Tesuque Formation sediments on both sides of the river. These springs have sodium bicarbonate water with about 3 mg/L of sulfate and chloride, and TDS averages 183 mg/L. Group III springs discharge from fine-grained Tesuque Formation sediments on the west side of the river. These springs also have sodium bicarbonate water with about 10 mg/L of sulfate, 3 mg/L of chloride, and TDS averages 215 mg/L. Group IV springs discharge from fine-grained Tesuque Formation sediments on the east side of the river near faults and basalt flows. These springs have varied chemistry with higher TDS than the other springs, of 270 to 500 mg/L. Most of the springs discharge close to the elevation of the Rio Grande, although some springs discharge at elevations several tens of feet above the Rio Grande. There are different hypotheses about the meaning of the elevation of springs above the river. One hypothesis is that the elevations could reflect channeling of discharge from the regional aquifer along the higher-permeability Totavi Lentil, combined with the increase in elevation of the water table with distance west of the river. Another hypothesis of spring occurrence is that the elevation of springs above the river could reflect local variations in permeability and geology related to numerous landslides along the canyon walls. A third hypothesis is that the elevation of some springs above the river indicates that they discharge from perched groundwater located above the regional aquifer.

Table A-6 (continued)

Conceptual Model Element	Characteristic	Description
Alluvial Groundwater	Extent	Alluvial groundwater is not present in the White Rock Canyon area.
	Depth/Thickness	Not applicable
Intermediate Groundwater	Extent/Hydrology	Perched intermediate groundwater may or may not be present in the White Rock Canyon area. The elevation and geochemistry of some springs above the river indicate they may discharge from perched groundwater located above the regional aquifer.
	Depth/Thickness	Not applicable
Regional Aquifer	Depth/Hydrology	The Rio Grande is the major groundwater discharge point for the regional aquifer underlying the Pajarito Plateau. The Buckman well field lies adjacent to the Rio Grande on the east side of the river. These wells draw their water from Santa Fe Group sediments. Water in these wells is quite old, having passed through the deeper portion of the basin fill sediments where it acquired a higher load of dissolved solutes.

Table A-7
Guaje Canyon Watershed Conceptual Model

Conceptual Model Element	Characteristic	Description
Surface Water	Flow	Guaje Canyon heads in the Sierra de los Valles and is part of the Los Alamos Canyon watershed. Guaje Canyon contains an interrupted stream with a perennial reach extending from springs located upstream of Guaje Reservoir to some distance downstream of the reservoir. An intermittent reach extends farther downstream to the confluence with lower Los Alamos Canyon. Snowmelt runoff does not reach the Rio Grande. Guaje Canyon crosses San Ildefonso Pueblo land and continues to its confluence with lower Los Alamos Canyon, approximately a mile west of the Rio Grande. Rendija Canyon heads on the flanks of the Sierra de los Valles and contains an ephemeral stream. Barrancas Canyon heads on the Pajarito Plateau and has intermittent and ephemeral flow. No springs have been found in any of these canyons. Base flow has been monitored at the station Guaje Canyon located below the reservoir for several decades. Gaging stations in these canyons include Guaje above Rendija, Rendija above Guaje, and Guaje at State Highway 502. For many gages, flow information is not available. These gages do not yet have an established rating curve.
Springs	Location	None
Alluvial Groundwater	Extent	Only two alluvial wells have been installed in Guaje Canyon to investigate the presence of alluvial groundwater. These wells were completed in the perennial reach of the canyon, and alluvial groundwater was encountered near the stream level. For Rendija and Barrancas Canyons, no alluvial wells have been installed and no alluvial groundwater is known.
Intermediate Groundwater	Extent/ Hydrology	No intermediate groundwater wells have been installed, and no intermediate groundwater is known to exist in these canyons. Drilling of the water supply wells in Rendija and Guaje Canyons has not found any intermediate groundwater.
Regional Aquifer	Depth/ Hydrology	The regional aquifer occurs in the Puye Formation and the Santa Fe Group near Guaje Canyon. The regional aquifer probably includes rocks of the Tschicoma Formation in the western part of the canyons. The regional aquifer supplies water to the wells of the Guaje well field. The piezometric surface at R-24 in Guaje Canyon is about 720 ft bgs.

Table A-8
Bayo Canyon Watershed Conceptual Model

Conceptual Model Element	Characteristic	Description
Surface Water	Flow	Bayo Canyon is part of the Los Alamos Canyon watershed. Bayo Canyon heads on the Pajarito Plateau on land owned by Los Alamos County and extends across the northeast portion of the Laboratory (TA-74), crosses San Ildefonso Pueblo land to the east, and terminates at its confluence with lower Los Alamos Canyon near Totavi. Surface water flow in Bayo Canyon is ephemeral and intermittent, and there are no springs in the vicinity. Stream loss caused by infiltration into the underlying alluvium and evapotranspiration typically prevents surface flow from discharging to Los Alamos Canyon. The only gaging station in Bayo Canyon is Bayo below TA-10.
Springs	Location	None
Alluvial Groundwater	Extent	No alluvial groundwater was encountered during drilling of about 90 boreholes at the TA-10 site in upper Bayo Canyon.
	Depth/Thickness	Not applicable
Intermediate Groundwater	Extent/Hydrology	None known
	Depth/Thickness	Not applicable
Regional Aquifer	Depth/Hydrology	The regional aquifer occurs in the Puye Formation and the Santa Fe Group in the vicinity of Bayo Canyon. The regional aquifer probably includes rocks of the Tschicoma Formation in the western part of the canyons. The regional aquifer supplies water to the wells of the Guaje well field. The aquifer lies at depths of about 230 to 570 ft in the Guaje well field.

Table A-9
Ancho Canyon Watershed Conceptual Model

Conceptual Model Element	Characteristic	Description
Surface Water	Flow	Ancho Canyon heads on the Pajarito Plateau and for the most part has ephemeral flow. The canyon has two main branches, the northern one known as North Ancho Canyon. Gaging stations include Ancho above north fork Ancho, Ancho north fork below State Highway 4, and Ancho below State Highway 4. These stations have shown little flow. The average discharge for Ancho below State Highway 4 from 7 yr of record is 0.005 cubic feet per second (cfs) or 3.6 acre-ft/yr. No other information on surface-water quality or flows is available. The only perennial section of the canyon is near the Rio Grande.
Springs	Location	Beginning less than a mile above the Rio Grande, Ancho Canyon is perennial, with flow fed by Ancho Spring, a regional aquifer spring.
Alluvial Groundwater	Extent	Little is known about the presence of alluvial groundwater in Ancho Canyon. Ancho Canyon contains thick alluvium that could host perched groundwater, and three boreholes (ASC-15, ASC-16, and ASC-18) drilled by the former Environmental Restoration (ER) Project encountered 4 ft to 9 ft of saturation in alluvium below MDA Y. Several boreholes drilled downgradient of MDA Y encountered no alluvial groundwater, suggesting the occurrence of alluvial groundwater in this area is limited in extent.
Intermediate Groundwater	Extent/Hydrology	No intermediate perched zones have been found beneath Ancho Canyon, although further borehole information may change this. Borehole DMB-1, drilled by the former ER Project between building 69 and the administrative area at TA-39, penetrated 119 ft of Bandelier Tuff and 5 ft of Cerros del Rio basalts. No intermediate-depth perched water was encountered in this hole, but clay-lined fractures and vesicles in the basalt suggest that periodic passage of groundwater through these rocks may occur. A test hole (TH-7) drilled 10 ft into basalts in Ancho Canyon below NM 4 was dry. The hole was drilled in 1950 and has since been plugged. R-31 was drilled in TA-39 in the north fork of Ancho Canyon. A screen was placed from 439 to 454 ft at a possible perched zone, based on water observed in a borehole video. The zone has been dry since and no water samples have been collected from it.
	Depth/Thickness	Not applicable
Regional Aquifer	Depth/Hydrology	Groundwater flow in the regional aquifer beneath Ancho Canyon is to the east and southeast, toward the Rio Grande. The regional aquifer lies at about 1000 to 1170 ft beneath the mesa at TA-49 and is within the Cerros del Rio basalt, the underlying Puye fanglomerate, Totavi gravels, and possibly the Santa Fe Group. Regional aquifer characterization well R-31 in TA-39 found the regional aquifer at about 530 ft within the Cerros del Rio basalt, the underlying Puye fanglomerate, and Totavi gravels. Postdrilling water-quality sampling has not been completed at this well.

Table A-10
Chaquehui Canyon Watershed Conceptual Model

Conceptual Model Element	Characteristic	Description
Surface Water	Flow	Chaquehui Canyon heads on the Pajarito Plateau and contains an ephemeral stream in its upper portion. About 0.5 mi above the Rio Grande, Doe Spring, a regional aquifer spring, maintains a short perennial reach. Farther down the drainage, Springs 9 and 9A maintain perennial flow that extends 0.25 mi to the Rio Grande. Gaging stations in Chaquehui Canyon include Chaquehui at TA-33 and Chaquehui tributary at TA-33. No flow data were available in 2002. The gaging stations have insufficient data to establish flow-rating curves.
Springs	Location	Springs issue from basalts near the Rio Grande in the area of Chaquehui Canyon (Springs 8A, 9, 9A, 9B, and Doe). These springs are located 130–200 ft above the Rio Grande, and they may represent discharge points for intermediate-depth perched water bodies. Alternatively, these springs may represent discharge from the regional aquifer in White Rock Canyon. Spring sampling is covered in the White Rock Canyon spring portion of the Interim Plan.
Alluvial Groundwater	Extent	Little is known about the presence of alluvial groundwater in Chaquehui Canyon. Much of Chaquehui Canyon is unlikely to contain perched alluvial groundwater because most of its course forms a steep narrow drainage through basalts that are swept free of alluvium by runoff..
Intermediate Groundwater	Extent/Hydrology	No intermediate groundwater is known in Chaquehui Canyon; however, there has been no drilling in the area.
	Depth/Thickness	Not applicable
Regional Aquifer	Depth/ Hydrology	Characterization well R-31 in TA-39 (Ancho Canyon) found the regional aquifer at about 530 ft within the Cerros del Rio basalt, the underlying Puye Fanglomerate, and Totavi gravels.

Table A-11
Frijoles Canyon Watershed Conceptual Model

Conceptual Model Element	Characteristic	Description
Surface Water	Flow	Frijoles Canyon lies south of Laboratory land and heads within the Sierra de los Valles. Rito de los Frijoles is a perennial stream that originates in the upper canyon and extends to the Rio Grande. The stream originates from springs in upper Frijoles Canyon. A gaging station in Frijoles Canyon is Rito de los Frijoles at Bandelier. In 2002, there were 365 d with flow, a total volume of 439 acre-ft, and a maximum flow of 19 cfs.
Springs	Location	One regional aquifer spring, Spring 10, discharges at the edge of the Rio Grande south of Frijoles stream. The spring has a very low discharge and is difficult to sample separately from river water.
Alluvial Groundwater	Extent	No wells have been drilled into the alluvium in Frijoles Canyon. The alluvium is generally thin, on the order of 6 m or less. The presence of perennial surface flow suggests a large extent of alluvial saturation.
	Depth/Thickness	Not applicable
Intermediate Groundwater	Extent/Hydrology	No intermediate groundwater is known to exist in the area of Frijoles Canyon; however, no wells have been drilled.
	Depth/Thickness	Not applicable
Regional Aquifer	Depth/Hydrology	No regional aquifer wells are located in Bandelier National Monument. The nearest wells are in Ancho Canyon and are described above.

REFERENCES

The following list includes all documents cited in this appendix. Parenthetical information following each reference provides the author(s), publication date, and ER ID number. This information is also included in text citations. ER ID numbers are assigned by the Environmental Programs Directorate's Records Processing Facility (RPF) and are used to locate the document at the RPF and, where applicable, in the master reference set.

Copies of the master reference set are maintained at the NMED Hazardous Waste Bureau; the U.S. Department of Energy–Los Alamos Site Office; the U.S. Environmental Protection Agency, Region 6; and the Directorate. The set was developed to ensure that the administrative authority has all material needed to review this document, and it is updated with every document submitted to the administrative authority. Documents previously submitted to the administrative authority are not included.

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Appendix B

Screening Information

Tables

This appendix presents screening tables (Tables B-1 through B-7) used to identify constituents of potential concern and to optimize the monitoring strategy for each watershed. Groundwater and base-flow data from 2002 to 2007 are screened against one-half the lowest applicable regulatory standards (presented in Table 1.7-1), and against background values, where available. The screening tables are organized by contaminant type in each water type (e.g., spring, perennial base flow, regional aquifer, etc.) within each watershed.

Tables B-1 through B-7 correspond to each of the major watershed groupings. From left to right, the summary data within these tables include the analyte screened; the analytical method and units; the number of analyses; the number of detects and percent detection rate (D Rate %); the minimum, mean and maximum of detected values (or if in italics, the minimum, mean, and maximum of detection levels); the number and percentage of nondetects (ND Rate %); the applicable background value (BV), if available; the number of detections greater than the BV (D>BV); the number of nondetects greater than the lowest applicable standard (ND>Std) and the number of detects greater than the lowest applicable standard (D>Std); the number of detects greater than one-half the lowest applicable standard (D>Std/2); the percentage of detects greater than one-half the lowest applicable standard (D>Std/2 Rate %); the lowest applicable standard (Level) and the type of standard; the number of sampling locations with data; the number of sampling locations with detected concentrations greater than the standard (D>Std [number of locations]); the number of sampling locations with detected concentrations greater than one-half the standard (D>Std/2 [number of locations]); and a list of the sampling locations with a detected concentration greater than the standard (D>Std Stations). Descriptions of the abbreviations used for standards applicable to the screens are included in Table 1.7-1.

Table B-1
Screening Table for Los Alamos Canyon Watershed (including Pueblo Canyon)

Analyte	Method	Units	No. of Analyses	No. of Detects	D Rate %	Min	Mean	Max	No. of Non-detects	ND Rate %	BV	D> BV	ND> Std	D> Std	D> Std/2	D>Std/2 Rate %	Level	Std Type	Locations with Data (number)	D>Std (number of locations)	D>Std/2 (number of locations)	D>Std Stations
LA, Geninorg, F, Ephemeral																						
Alkalinity-CO3	EPA:310.1	mg/L	27	6	22	0.984	2.294	7.61	21	78	-	-	0	0	0	0	-	-	9	-	-	-
Alkalinity-CO3+HCO3	EPA:310.1	mg/L	28	28	100	30.8	120.404	237	0	0	-	-	0	0	0	0	-	-	9	-	-	-
Alkalinity-HCO3	EPA:310.1	mg/L	8	8	100	30.7	130.013	236	0	0	-	-	0	0	0	0	-	-	5	-	-	-
Ammonia	EPA:350.1	mg/L	1	1	100	15.4	15.4	15.4	0	0	-	-	0	0	0	0	-	-	1	-	-	-
Ammonia as Nitrogen	EPA:350.1	mg/L	19	12	63	0.043	5.75142	26.6	7	37	-	-	0	0	0	0	-	-	9	-	-	-
Bromide	EPA:300.0	mg/L	24	10	42	0.113	0.1798	0.283	14	58	-	-	0	0	0	0	-	-	9	-	-	-
Calcium	EPA:200.7	mg/L	14	14	100	13.4	20.7571	33.3	0	0	-	-	0	0	0	0	-	-	5	-	-	-
Calcium	SW-846:6010B	mg/L	20	20	100	11.1	33.785	89.4	0	0	-	-	0	0	0	0	-	-	9	-	-	-
Chemical Oxygen Demand	EPA:410.4	mg/L	1	1	100	7.3	7.3	7.3	0	0	-	-	0	0	0	0	-	-	1	-	-	-
Chloride	EPA:300.0	mg/L	28	28	100	2.94	65.9514	282	0	0	-	-	0	0	0	0	-	-	9	-	-	-
Cyanide (Total)	EPA:335.3	mg/L	4	1	25	0.00393	0.00393	0.00393	3	75	-	-	0	0	0	0	-	-	4	-	-	-
Cyanide (Total)	SW-846:9012A	mg/L	4	0	0	*0.0025*	*0.0025*	*0.0025*	4	100	-	-	0	0	0	0	-	-	4	-	-	-
Dissolved Organic Carbon	EPA:415.1	mg/L	4	4	100	6.32	10.1625	19	0	0	-	-	0	0	0	0	-	-	4	-	-	-
Fluoride	EPA:300.0	mg/L	28	28	100	0.164	0.38964	1.17	0	0	-	-	0	0	0	0	-	-	9	-	-	-
Hardness	EPA:200.7	mg/L	5	5	100	86.9	103.44	118	0	0	-	-	0	0	0	0	-	-	2	-	-	-
Hardness	SM:A2340B	mg/L	28	28	100	32.4	88.7821	259	0	0	-	-	0	0	0	0	-	-	9	-	-	-
Magnesium	EPA:200.7	mg/L	14	14	100	3.63	5.13286	8.48	0	0	-	-	0	0	0	0	-	-	5	-	-	-
Magnesium	SW-846:6010B	mg/L	20	20	100	1.13	4.8645	8.62	0	0	-	-	0	0	0	0	-	-	9	-	-	-
Nitrate-Nitrite as Nitrogen	EPA:353.1	mg/L	11	10	91	0.02	0.63891	2.66	1	9	-	-	0	0	0	0	-	-	7	-	-	-
Nitrate-Nitrite as Nitrogen	EPA:353.2	mg/L	15	10	67	0.0176	0.80407	3.03	5	33	-	-	0	0	0	0	-	-	9	-	-	-
Oxalate	EPA:300.0	mg/L	1	0	0	*1*	*1*	*1*	1	100	-	-	0	0	0	0	-	-	1	-	-	-
Perchlorate	EPA:314.0	ug/L	22	3	14	17	24.3333	30.2	19	86	-	-	0	0	0	0	-	-	9	-	-	-
Perchlorate	SW846 6850 Modified	ug/L	7	5	71	0.182	0.3588	0.418	2	29	-	-	0	0	0	0	-	-	6	-	-	-
Perchlorate	SW-846:6850	ug/L	15	10	67	0.117	0.2966	0.572	5	33	-	-	0	0	0	0	-	-	9	-	-	-
pH	EPA:150.1	SU	27	27	100	7.02	7.53556	8.36	0	0	-	-	0	0	0	0	-	-	9	-	-	-
Potassium	EPA:200.7	mg/L	14	14	100	3.24	7.95643	18	0	0	-	-	0	0	0	0	-	-	5	-	-	-
Potassium	SW-846:6010B	mg/L	20	20	100	3.49	9.188	20.5	0	0	-	-	0	0	0	0	-	-	9	-	-	-
Silicon Dioxide	EPA:200.7	mg/L	9	9	100	31.6	51.1444	78.5	0	0	-	-	0	0	0	0	-	-	5	-	-	-
Silicon Dioxide	SW-846:6010B	mg/L	20	20	100	17.6	39.86	83.4	0	0	-	-	0	0	0	0	-	-	9	-	-	-
Sodium	EPA:200.7	mg/L	14	14	100	19.4	39.85	72.7	0	0	-	-	0	0	0	0	-	-	5	-	-	-
Sodium	SW-846:6010B	mg/L	20	20	100	7.9	69.845	168	0	0	-	-	0	0	0	0	-	-	9	-	-	-
Specific Conductance	EPA:120.1	uS/cm	19	19	100	133	604.263	1350	0	0	-	-	0	0	0	0	-	-	9	-	-	-
Specific Conductance	SW-846:9050A	uS/cm	6	6	100	193	464.333	679	0	0	-	-	0	0	0	0	-	-	3	-	-	-
Sulfate	EPA:300.0	mg/L	28	28	100	6.02	15.6511	39.4	0	0	-	-	0	0	0	0	-	-	9	-	-	-
Total Dissolved Solids	EPA:160.1	mg/L	34	34	100	109	312.853	764	0	0	-	-	0	0	0	0	-	-	9	-	-	-
Total Kjeldahl Nitrogen	EPA:351.2	mg/L	23	22	96	0.033	4.05718	28.8	1	4	-	-	0	0	0	0	-	-	9	-	-	-
Total Organic Carbon	EPA:415.1	mg/L	2	2	100	6.8	9.9	13	0	0	-	-	0	0	0	0	-	-	2	-	-	-
Total Organic Carbon	SW-846:9060	mg/L	4	4	100	6.2	6.4575	6.73	0	0	-	-	0	0	0	0	-	-	4	-	-	-
Total Phosphate as Phosphorus	EPA:365.4	mg/L	28	16	57	0.076	2.91856	8.46	12	43	-	-	0	0	0	0	-	-	9	-	-	-
LA, Geninorg, UF, Ephemeral																						
Alkalinity-CO3	EPA:310.1	mg/L	8	2	25	0.893	3.3565	5.82	6	75	-	-	0	0	0	0	-	-	8	-	-	-
Alkalinity-CO3+HCO3	EPA:310.1	mg/L	9	9	100	40.4	101.344	224	0	0	-	-	0	0	0	0	-	-	8	-	-	-
Alkalinity-HCO3	EPA:310.1	mg/L	4	4	100	43	49.55	58.7	0	0	-	-	0	0	0	0	-	-	4	-	-	-
Ammonia as Nitrogen	EPA:350.1	mg/L	4	1	25	23.1	23.1	23.1	3	75	-	-	0	0	1	25	39.1	AqAcU	4	-	1	-
Bromide	EPA:300.0	mg/L	4	2	50	0.116	0.1385	0.161	2	50	-	-	0	0	0	0	-	-	4	-	-	-
Calcium	EPA:200.7	mg/L	15	15	100	13.6	20.06	31.2	0	0	-	-	0	0	0	0	-	-	5	-	-	-
Calcium	SW-846:6010B	mg/L	20	20	100	10.9	34.725	87.9	0	0	-	-	0	0	0	0	-	-	9	-	-	-
Chloride	EPA:300.0	mg/L	4	4	100	34.7	56.525	73.2	0	0	-	-	0	0	0	0	-	-	4	-	-	-
Cyanide (Total)	EPA:335.3	mg/L	25	7	28	0.00199	0.00498	0.0139	18	72	-	-	0	0	0	0	-	-	9	-	-	-
Cyanide, Amenable to Chlorination	EPA:335.1	mg/L	1	0	0	*0.00289*	*0.00289*	*0.00289*	1	100	-	-	0	0	0	0	0.022	AqAcU	1	-	-	-
Cyanide, Amenable to Chlorination	EPA:335.3	mg/L	2	0	0	*0.0015*	*0.0015*	*0.0015*	2	100	-	-	0	0	0	0	0.022	AqAcU	2	-	-	-
Cyanide, Amenable to Chlorination	SW-846:9012A	mg/L	1	0	0	*0.005*	*0.005*	*0.005*	1	100	-	-	0	0	0	0	0.022	AqAcU	1	-	-	-
Fluoride	EPA:300.0	mg/L	4	4	100	0.313	0.561	1.1	0	0	-	-	0	0	0	0	-	-	4	-	-	-
Hardness	EPA:200.7	mg/L	1	1	100	92.2	92.2	92.2	0	0	-	-	0	0	0	0	-	-	1	-	-	-
Hardness	SM:A2340B	mg/L	33	33	100	34.2	91.8818	254	0	0	-	-	0	0	0	0	-	-	9	-	-	-
Magnesium	EPA:200.7	mg/L	15	15	100	3.76	5.31667	8.33	0	0	-	-	0	0	0	0	-	-	5	-	-	-
Magnesium	SW-846:6010B	mg/L	20	20	100	1.3	5.0395	8.51	0	0	-	-	0	0	0	0	-	-	9	-	-	-
Nitrate-Nitrite as Nitrogen	EPA:353.1	mg/L	4	3	75	0.0168	0.3226	0.65	1	25	-	-	0	0	0	0	132	LWU	4	-	-	-
Perchlorate	EPA:314.0	ug/L	10	2	20	4.18	5.77	7.36	8	80	-	-	0	0	0	0	-	-	7	-	-	-

Table B-1
Screening Table for Los Alamos Canyon Watershed (including Pueblo Canyon)

Analyte	Method	Units	No. of Analyses	No. of Detects	D Rate %	Min	Mean	Max	No. of Non-detects	ND Rate %	BV	D> BV	ND> Std	D> Std	D> Std/2	D>Std/2 Rate %	Level	Std Type	Locations with Data (number)	D>Std (number of locations)	D>Std/2 (number of locations)	D>Std Stations
Perchlorate	SW846 6850 Modified	ug/L	8	6	75	0.3	0.3475	0.517	2	25	-	-	0	0	0	0	-	-	7	-	-	-
pH	EPA:150.1	SU	4	4	100	7.13	7.74	8.46	0	0	-	-	0	0	0	0	-	-	4	-	-	-
Potassium	EPA:200.7	mg/L	15	15	100	3.43	5.44067	11.4	0	0	-	-	0	0	0	0	-	-	5	-	-	-
Potassium	SW-846:6010B	mg/L	20	20	100	3.17	9.391	20.1	0	0	-	-	0	0	0	0	-	-	9	-	-	-
Silicon Dioxide	EPA:200.7	mg/L	5	5	100	36.6	47.08	84.8	0	0	-	-	0	0	0	0	-	-	4	-	-	-
Silicon Dioxide	SW-846:6010B	mg/L	5	5	100	26.5	45.52	80.2	0	0	-	-	0	0	0	0	-	-	4	-	-	-
Sodium	EPA:200.7	mg/L	15	15	100	19.4	31.02	47.7	0	0	-	-	0	0	0	0	-	-	5	-	-	-
Sodium	SW-846:6010B	mg/L	20	20	100	7.6	69.015	159	0	0	-	-	0	0	0	0	-	-	9	-	-	-
Specific Conductance	EPA:120.1	uS/cm	4	4	100	426	594.5	764	0	0	-	-	0	0	0	0	-	-	4	-	-	-
Sulfate	EPA:300.0	mg/L	4	4	100	8.22	13.9675	19.7	0	0	-	-	0	0	0	0	-	-	4	-	-	-
Suspended Sediment Concentration	EPA:160.2	mg/L	33	28	85	1.2	187.075	1880	5	15	-	-	0	0	0	0	-	-	9	-	-	-
Total Kjeldahl Nitrogen	EPA:351.2	mg/L	19	18	95	0.039	7.45594	71.8	1	5	-	-	0	0	0	0	-	-	9	-	-	-
Total Organic Carbon	SW-846:9060	mg/L	20	20	100	1.48	10.397	53.1	0	0	-	-	0	0	0	0	-	-	9	-	-	-
Total Phosphate as Phosphorus	EPA:365.4	mg/L	4	4	100	0.022	2.41125	8.95	0	0	-	-	0	0	0	0	-	-	4	-	-	-
Total Suspended Solids	EPA:160.2	mg/L	5	5	100	8.8	22.56	58.7	0	0	-	-	0	0	0	0	-	-	2	-	-	-
LA, Geninorg, F, Perennial																						
Alkalinity-CO3	EPA:310.1	mg/L	13	1	8	0.785	0.785	0.785	12	92	-	-	0	0	0	0	-	-	2	-	-	-
Alkalinity-CO3+HCO3	EPA:310.1	mg/L	13	13	100	31.5	119.031	231	0	0	-	-	0	0	0	0	-	-	2	-	-	-
Alkalinity-HCO3	EPA:310.1	mg/L	7	7	100	37.1	113.429	196	0	0	-	-	0	0	0	0	-	-	2	-	-	-
Ammonia as Nitrogen	EPA:350.1	mg/L	5	3	60	4.23	15.31	22.3	2	40	-	-	0	0	0	0	-	-	2	-	-	-
Bromide	EPA:300.0	mg/L	9	3	33	0.13	0.17267	0.194	6	67	-	-	0	0	0	0	-	-	2	-	-	-
Calcium	EPA:200.7	mg/L	9	9	100	10.4	18.0333	25.8	0	0	-	-	0	0	0	0	-	-	2	-	-	-
Calcium	SW-846:6010B	mg/L	6	6	100	10.4	21.5333	33	0	0	-	-	0	0	0	0	-	-	2	-	-	-
Chloride	EPA:300.0	mg/L	13	13	100	13.6	34.7308	58.6	0	0	-	-	0	0	0	0	-	-	2	-	-	-
Cyanide (Total)	EPA:335.3	mg/L	2	1	50	0.00194	0.00194	0.00194	1	50	-	-	0	0	0	0	-	-	1	-	-	-
Cyanide (Total)	SW-846:9012A	mg/L	3	2	67	0.00272	0.0039	0.00508	1	33	-	-	0	0	0	0	-	-	2	-	-	-
Dissolved Organic Carbon	EPA:415.1	mg/L	1	1	100	7.4	7.4	7.4	0	0	-	-	0	0	0	0	-	-	1	-	-	-
Fluoride	EPA:300.0	mg/L	13	13	100	0.131	0.32246	0.554	0	0	-	-	0	0	0	0	-	-	2	-	-	-
Hardness	EPA:200.7	mg/L	5	5	100	63.1	71.74	76.5	0	0	-	-	0	0	0	0	-	-	2	-	-	-
Hardness	SM:A2340B	mg/L	10	10	100	38.4	67.24	115	0	0	-	-	0	0	0	0	-	-	2	-	-	-
Magnesium	EPA:200.7	mg/L	9	9	100	3.08	4.6	6.6	0	0	-	-	0	0	0	0	-	-	2	-	-	-
Magnesium	SW-846:6010B	mg/L	6	6	100	3.02	5.41833	7.96	0	0	-	-	0	0	0	0	-	-	2	-	-	-
Nitrate-Nitrite as Nitrogen	EPA:353.1	mg/L	7	7	100	0.39	2.58043	4.35	0	0	-	-	0	0	0	0	-	-	2	-	-	-
Nitrate-Nitrite as Nitrogen	EPA:353.2	mg/L	4	4	100	0.165	0.96925	1.82	0	0	-	-	0	0	0	0	-	-	2	-	-	-
Perchlorate	EPA:314.0	ug/L	9	3	33	4.7	5.01333	5.53	6	67	-	-	0	0	0	0	-	-	2	-	-	-
Perchlorate	SW846 6850 Modified	ug/L	5	2	40	0.401	0.406	0.411	3	60	-	-	0	0	0	0	-	-	2	-	-	-
Perchlorate	SW-846:6850	ug/L	4	4	100	0.112	0.2245	0.343	0	0	-	-	0	0	0	0	-	-	2	-	-	-
pH	EPA:150.1	SU	13	13	100	6.55	7.36615	7.98	0	0	-	-	0	0	0	0	-	-	2	-	-	-
Potassium	EPA:200.7	mg/L	9	9	100	2.73	8.68667	16.4	0	0	-	-	0	0	0	0	-	-	2	-	-	-
Potassium	SW-846:6010B	mg/L	6	6	100	2.79	11.8867	16.7	0	0	-	-	0	0	0	0	-	-	2	-	-	-
Silicon Dioxide	EPA:200.7	mg/L	8	8	100	30.9	54.85	82.9	0	0	-	-	0	0	0	0	-	-	2	-	-	-
Silicon Dioxide	SW-846:6010B	mg/L	6	6	100	32.3	59.7667	74.2	0	0	-	-	0	0	0	0	-	-	2	-	-	-
Sodium	EPA:200.7	mg/L	9	9	100	9.84	36.9267	73.8	0	0	-	-	0	0	0	0	-	-	2	-	-	-
Sodium	SW-846:6010B	mg/L	6	6	100	10.1	51.3833	74	0	0	-	-	0	0	0	0	-	-	2	-	-	-
Specific Conductance	EPA:120.1	uS/cm	6	6	100	152	471.333	687	0	0	-	-	0	0	0	0	-	-	2	-	-	-
Specific Conductance	SW-846:9050A	uS/cm	7	7	100	125	362.286	610	0	0	-	-	0	0	0	0	-	-	2	-	-	-
Sulfate	EPA:300.0	mg/L	13	13	100	7.11	19.4008	37.4	0	0	-	-	0	0	0	0	-	-	2	-	-	-
Total Dissolved Solids	EPA:160.1	mg/L	16	16	100	73	281.313	420	0	0	-	-	0	0	0	0	-	-	2	-	-	-
Total Kjeldahl Nitrogen	EPA:351.2	mg/L	8	6	75	0.088	9.649	26.8	2	25	-	-	0	0	0	0	-	-	2	-	-	-
Total Organic Carbon	SW-846:9060	mg/L	3	3	100	6.21	7.91	11.3	0	0	-	-	0	0	0	0	-	-	2	-	-	-
Total Phosphate as Phosphorus	EPA:365.4	mg/L	13	11	85	0.0633	3.76139	7.25	2	15	-	-	0	0	0	0	-	-	2	-	-	-
LA, Geninorg, UF, Perennial																						
Alkalinity-CO3	EPA:310.1	mg/L	3	0	0	*0.725*	*0.96667*	*1.45*	3	100	-	-	0	0	0	0	-	-	2	-	-	-
Alkalinity-CO3+HCO3	EPA:310.1	mg/L	3	3	100	34.8	113.267	153	0	0	-	-	0	0	0	0	-	-	2	-	-	-
Alkalinity-HCO3	EPA:310.1	mg/L	1	1	100	34.7	34.7	34.7	0	0	-	-	0	0	0	0	-	-	1	-	-	-
Ammonia as Nitrogen	EPA:350.1	mg/L	1	1	100	4.69	4.69	4.69	0	0	-	-	0	0	1	100	8.19	AqChrU	1	-	1	-
Bromide	EPA:300.0	mg/L	2	0	0	*0.066*	*0.066*	*0.066*	2	100	-	-	0	0	0	0	-	-	1	-	-	-
Calcium	EPA:200.7	mg/L	6	6	100	10.7	15.8167	25.6	0	0	-	-	0	0	0	0	-	-	2	-	-	-
Calcium	SW-846:6010B	mg/L	6	6	100	10.5	21.95	32.8	0	0	-	-	0	0	0	0	-	-	2	-	-	-
Chloride	EPA:300.0	mg/L	2	2	100	57.5	58.45	59.4	0	0	-	-	0	0	0	0	-	-	1	-	-	-

Table B-1
Screening Table for Los Alamos Canyon Watershed (including Pueblo Canyon)

Analyte	Method	Units	No. of Analyses	No. of Detects	D Rate %	Min	Mean	Max	No. of Non-detects	ND Rate %	BV	D> BV	ND> Std	D> Std	D> Std/2	D>Std/2 Rate %	Level	Std Type	Locations with Data (number)	D>Std (number of locations)	D>Std/2 (number of locations)	D>Std Stations
Cyanide (Total)	EPA:335.3	mg/L	11	4	36	0.00171	0.00271	0.0036	7	64	-	-	0	0	0	0	-	-	2	-	-	-
Cyanide, Amenable to Chlorination	EPA:335.1	mg/L	3	0	0	*0.00172*	*0.0025*	*0.00289*	3	100	-	-	0	0	0	0	0.022	AqAcU	2	-	-	-
Cyanide, Amenable to Chlorination	EPA:335.3	mg/L	1	0	0	*0.0015*	*0.0015*	*0.0015*	1	100	-	-	0	0	0	0	0.022	AqAcU	1	-	-	-
Fluoride	EPA:300.0	mg/L	2	2	100	0.513	0.517	0.521	0	0	-	-	0	0	0	0	-	-	1	-	-	-
Hardness	EPA:200.7	mg/L	1	1	100	58.5	58.5	58.5	0	0	-	-	0	0	0	0	-	-	1	-	-	-
Hardness	SM:A2340B	mg/L	11	11	100	39	68.5455	115	0	0	-	-	0	0	0	0	-	-	2	-	-	-
Magnesium	EPA:200.7	mg/L	6	6	100	3.2	4.46667	6.61	0	0	-	-	0	0	0	0	-	-	2	-	-	-
Magnesium	SW-846:6010B	mg/L	6	6	100	3.1	5.52833	7.93	0	0	-	-	0	0	0	0	-	-	2	-	-	-
Nitrate-Nitrite as Nitrogen	EPA:353.1	mg/L	1	1	100	4.78	4.78	4.78	0	0	-	-	0	0	0	0	132	LWU	1	-	-	-
Perchlorate	EPA:314.0	ug/L	5	1	20	1.99	1.99	1.99	4	80	-	-	0	0	0	0	-	-	2	-	-	-
Perchlorate	SW846 6850 Modified	ug/L	1	1	100	0.451	0.451	0.451	0	0	-	-	0	0	0	0	-	-	1	-	-	-
pH	EPA:150.1	SU	2	2	100	6.94	6.955	6.97	0	0	-	-	0	0	0	0	-	-	1	-	-	-
Potassium	EPA:200.7	mg/L	6	6	100	2.89	5.46667	16	0	0	-	-	0	0	0	0	-	-	2	-	-	-
Potassium	SW-846:6010B	mg/L	6	6	100	2.9	12.0367	17.1	0	0	-	-	0	0	0	0	-	-	2	-	-	-
Silicon Dioxide	EPA:200.7	mg/L	4	4	100	32.1	43.075	71.3	0	0	-	-	0	0	0	0	-	-	2	-	-	-
Silicon Dioxide	SW-846:6010B	mg/L	2	2	100	71.5	71.75	72	0	0	-	-	0	0	0	0	-	-	1	-	-	-
Sodium	EPA:200.7	mg/L	6	6	100	10	21.65	72.2	0	0	-	-	0	0	0	0	-	-	2	-	-	-
Sodium	SW-846:6010B	mg/L	6	6	100	10.1	49.2833	70.8	0	0	-	-	0	0	0	0	-	-	2	-	-	-
Specific Conductance	EPA:120.1	uS/cm	2	2	100	571	572.5	574	0	0	-	-	0	0	0	0	-	-	1	-	-	-
Sulfate	EPA:300.0	mg/L	2	2	100	17.2	17.25	17.3	0	0	-	-	0	0	0	0	-	-	1	-	-	-
Suspended Sediment Concentration	EPA:160.2	mg/L	14	14	100	0.947	23.7412	71.6	0	0	-	-	0	0	0	0	-	-	2	-	-	-
Total Kjeldahl Nitrogen	EPA:351.2	mg/L	5	5	100	0.043	12.5756	28.3	0	0	-	-	0	0	0	0	-	-	2	-	-	-
Total Organic Carbon	SW-846:9060	mg/L	6	6	100	6.21	15.2033	26.3	0	0	-	-	0	0	0	0	-	-	2	-	-	-
Total Phosphate as Phosphorus	EPA:365.4	mg/L	2	2	100	8.41	8.42	8.43	0	0	-	-	0	0	0	0	-	-	1	-	-	-
Total Suspended Solids	EPA:160.2	mg/L	3	3	100	35.1	48	70.2	0	0	-	-	0	0	0	0	-	-	1	-	-	-
LA, Geninorg, F, Springs																						
Alkalinity-CO3	EPA:310.1	mg/L	17	2	12	0.84	1.42	2	15	88	-	-	0	0	0	0	-	-	4	-	-	-
Alkalinity-CO3+HCO3	EPA:310.1	mg/L	18	18	100	67.5	104.417	145	0	0	-	-	0	0	0	0	-	-	4	-	-	-
Alkalinity-HCO3	EPA:310.1	mg/L	6	6	100	67.4	95.5667	133	0	0	-	-	0	0	0	0	-	-	2	-	-	-
Ammonia	EPA:350.1	mg/L	1	0	0	*0.05*	*0.05*	*0.05*	1	100	-	-	0	0	0	0	-	-	1	-	-	-
Ammonia as Nitrogen	EPA:350.1	mg/L	11	1	9	0.052	0.052	0.052	10	91	-	-	0	0	0	0	0.2085714	Reg6	4	-	-	-
Bromide	EPA:300.0	mg/L	14	9	64	0.071	0.25889	1.12	5	36	-	-	0	0	0	0	-	-	4	-	-	-
Calcium	SW-846:6010B	mg/L	18	18	100	12.2	30.9778	43.5	0	0	-	-	0	0	0	0	-	-	4	-	-	-
Chloride	EPA:300.0	mg/L	18	18	100	4.01	49.3667	180	0	0	-	-	0	0	2	11	250	NMGSF	4	-	1	-
Cyanide (Total)	EPA:335.3	mg/L	3	0	0	*0.0015*	*0.0015*	*0.0015*	3	100	-	-	0	0	0	0	0.2	NMGSF	3	-	-	-
Cyanide (Total)	SW-846:9012A	mg/L	3	0	0	*0.00172*	*0.00233*	*0.00277*	3	100	-	-	0	0	0	0	0.2	NMGSF	2	-	-	-
Dissolved Organic Carbon	EPA:415.1	mg/L	1	1	100	3.05	3.05	3.05	0	0	-	-	0	0	0	0	-	-	1	-	-	-
Fluoride	EPA:300.0	mg/L	18	18	100	0.3	0.52561	1.03	0	0	-	-	0	0	4	22	1.6	NMGSF	4	-	2	-
Hardness	EPA:200.7	mg/L	3	3	100	60.7	102.567	135	0	0	-	-	0	0	0	0	-	-	2	-	-	-
Hardness	SM:A2340B	mg/L	14	14	100	36.7	99.9643	131	0	0	-	-	0	0	0	0	-	-	4	-	-	-
Magnesium	SW-846:6010B	mg/L	18	18	100	1.52	5.85167	9.78	0	0	-	-	0	0	0	0	-	-	4	-	-	-
Nitrate-Nitrite as Nitrogen	EPA:353.1	mg/L	10	10	100	0.29	54.2838	511	0	0	-	-	0	1	4	40	10	NMGSF	3	1	2	DP Spring
Nitrate-Nitrite as Nitrogen	EPA:353.2	mg/L	8	8	100	0.164	2.58963	6.92	0	0	-	-	0	0	1	13	10	NMGSF	4	-	1	-
Oxalate	EPA:300.0	mg/L	1	0	0	*1*	*1*	*1*	1	100	-	-	0	0	0	0	-	-	1	-	-	-
Perchlorate	EPA:314.0	ug/L	14	0	0	*4*	*4*	*4*	14	100	-	-	0	0	0	0	24.5	Reg6	4	-	-	-
Perchlorate	SW846 6850 Modified	ug/L	5	5	100	0.26	0.5994	1.13	0	0	-	-	0	0	0	0	24.5	Reg6	3	-	-	-
Perchlorate	SW-846:6850	ug/L	8	8	100	0.168	0.7665	1.44	0	0	-	-	0	0	0	0	24.5	Reg6	4	-	-	-
pH	EPA:150.1	SU	17	17	100	6.52	7.32706	8.46	0	0	-	-	0	0	0	0	-	-	4	-	-	-
Potassium	SW-846:6010B	mg/L	18	18	100	3.7	7.59556	11	0	0	-	-	0	0	0	0	-	-	4	-	-	-
Silicon Dioxide	SW-846:6010B	mg/L	18	18	100	12.1	41.3944	65.5	0	0	-	-	0	0	0	0	-	-	4	-	-	-
Sodium	SW-846:6010B	mg/L	18	18	100	17.2	50.1	144	0	0	-	-	0	0	0	0	-	-	4	-	-	-
Specific Conductance	EPA:120.1	uS/cm	11	11	100	282	441.909	850	0	0	-	-	0	0	0	0	-	-	4	-	-	-
Specific Conductance	SW-846:9050A	uS/cm	6	6	100	322	442.5	789	0	0	-	-	0	0	0	0	-	-	2	-	-	-
Sulfate	EPA:300.0	mg/L	18	18	100	6.44	18.4856	34.7	0	0	-	-	0	0	0	0	600	NMGSF	4	-	-	-
Total Dissolved Solids	EPA:160.1	mg/L	20	20	100	209	283.35	455	0	0	-	-	0	0	0	0	1000	NMGSF	4	-	-	-
Total Kjeldahl Nitrogen	EPA:351.2	mg/L	13	8	62	0.036	0.22213	0.453	5	38	-	-	0	0	0	0	-	-	4	-	-	-
Total Organic Carbon	SW-846:9060	mg/L	2	2	100	4.78	4.795	4.81	0	0	-	-	0	0	0	0	-	-	2	-	-	-
Total Phosphate as Phosphorus	EPA:365.4	mg/L	18	8	44	0.021	1.29313	2.21	10	56	-	-	0	0	0	0	-	-	4	-	-	-
LA, Geninorg, UF, Springs																						
Alkalinity-CO3	EPA:310.1	mg/L	3	0	0	*0.725*	*0.725*	*0.725*	3	100	-	-	0	0	0	0	-	-	3	-	-	-

Table B-1
Screening Table for Los Alamos Canyon Watershed (including Pueblo Canyon)

Analyte	Method	Units	No. of Analyses	No. of Detects	D Rate %	Min	Mean	Max	No. of Non-detects	ND Rate %	BV	D> BV	ND> Std	D> Std	D> Std/2	D>Std/2 Rate %	Level	Std Type	Locations with Data (number)	D>Std (number of locations)	D>Std/2 (number of locations)	D>Std Stations
Alkalinity-CO3+HCO3	EPA:310.1	mg/L	3	3	100	98.9	111.633	125	0	0	-	-	0	0	0	0	-	-	3	-	-	-
Ammonia as Nitrogen	EPA:350.1	mg/L	3	1	33	0.051	0.051	0.051	2	67	-	-	0	0	0	0	0.2085714	Reg6	3	-	-	-
Bromide	EPA:300.0	mg/L	3	2	67	0.095	0.0995	0.104	1	33	-	-	0	0	0	0	-	-	3	-	-	-
Calcium	SW-846:6010B	mg/L	14	14	100	12.2	31.5714	43.7	0	0	-	-	0	0	0	0	-	-	4	-	-	-
Chloride	EPA:300.0	mg/L	3	3	100	4.04	31.78	48.3	0	0	-	-	0	0	0	0	-	-	3	-	-	-
Cyanide (Total)	EPA:335.3	mg/L	8	1	13	0.00272	0.00272	0.00272	7	88	-	-	0	0	0	0	0.2	MCL	4	-	-	-
Cyanide (Total)	SW-846:9012A	mg/L	3	0	0	*0.00172*	*0.00172*	*0.00172*	3	100	-	-	0	0	0	0	0.2	MCL	2	-	-	-
Cyanide, Amenable to Chlorination	SW-846:9012A	mg/L	1	0	0	*0.005*	*0.005*	*0.005*	1	100	-	-	0	0	0	0	0.2	MCL	1	-	-	-
Fluoride	EPA:300.0	mg/L	3	3	100	0.32	0.56667	1.05	0	0	-	-	0	0	0	0	4	MCL	3	-	-	-
Hardness	SM:A2340B	mg/L	13	13	100	37.5	100.269	131	0	0	-	-	0	0	0	0	-	-	4	-	-	-
Magnesium	SW-846:6010B	mg/L	14	14	100	1.69	5.56071	8.96	0	0	-	-	0	0	0	0	-	-	4	-	-	-
Nitrate-Nitrite as Nitrogen	EPA:353.1	mg/L	3	3	100	0.452	3.59067	8.78	0	0	-	-	0	0	1	33	10	MCL	3	-	1	-
Perchlorate	EPA:314.0	ug/L	4	0	0	*0.989*	*2.60975*	*4*	4	100	-	-	0	0	0	0	24.5	Reg6	2	-	-	-
Perchlorate	SW846 6850 Modified	ug/L	1	1	100	0.701	0.701	0.701	0	0	-	-	0	0	0	0	24.5	Reg6	1	-	-	-
pH	EPA:150.1	SU	3	3	100	6.85	7.19333	7.75	0	0	-	-	0	0	0	0	-	-	3	-	-	-
Potassium	SW-846:6010B	mg/L	14	14	100	3.77	7.10214	11.7	0	0	-	-	0	0	0	0	-	-	4	-	-	-
Silicon Dioxide	SW-846:6010B	mg/L	4	4	100	24.4	46.425	66.6	0	0	-	-	0	0	0	0	-	-	3	-	-	-
Sodium	SW-846:6010B	mg/L	14	14	100	17.1	50.55	146	0	0	-	-	0	0	0	0	-	-	4	-	-	-
Specific Conductance	EPA:120.1	uS/cm	3	3	100	286	378.667	482	0	0	-	-	0	0	0	0	-	-	3	-	-	-
Sulfate	EPA:300.0	mg/L	3	3	100	7.44	15.6133	28	0	0	-	-	0	0	0	0	-	-	3	-	-	-
Suspended Sediment Concentration	EPA:160.2	mg/L	13	8	62	1.2	6.10625	11.6	5	38	-	-	0	0	0	0	-	-	4	-	-	-
Total Kjeldahl Nitrogen	EPA:351.2	mg/L	11	8	73	0.014	0.15475	0.4	3	27	-	-	0	0	0	0	-	-	4	-	-	-
Total Organic Carbon	SW-846:9060	mg/L	12	6	50	0.947	3.17783	4.98	6	50	-	-	0	0	0	0	-	-	4	-	-	-
Total Phosphate as Phosphorus	EPA:365.4	mg/L	3	2	67	0.089	1.0945	2.1	1	33	-	-	0	0	0	0	-	-	3	-	-	-
Total Suspended Solids	EPA:160.2	mg/L	4	4	100	3.2	19.85	41.2	0	0	-	-	0	0	0	0	-	-	2	-	-	-
LA, Geninorg, F, Alluvial																						
Alkalinity-CO3	EPA:310.1	mg/L	82	1	1	0.886	0.886	0.886	81	99	-	-	0	0	0	0	-	-	19	-	-	-
Alkalinity-CO3+HCO3	EPA:310.1	mg/L	89	89	100	31.2	108.635	290	0	0	-	-	0	0	0	0	-	-	19	-	-	-
Alkalinity-HCO3	EPA:310.1	mg/L	30	30	100	31.2	103.623	218	0	0	-	-	0	0	0	0	-	-	13	-	-	-
Ammonia	EPA:350.1	mg/L	9	2	22	20.7	20.9	21.1	7	78	-	-	0	0	0	0	-	-	5	-	-	-
Ammonia as Nitrogen	EPA:350.1	mg/L	52	12	23	0.04	7.79292	30.3	40	77	-	-	0	7	8	15	0.2085714	Reg6	18	2	3	APCO-1, PAO-4
Bromide	EPA:300.0	mg/L	73	34	47	0.054	0.58324	5.19	39	53	-	-	0	0	0	0	-	-	19	-	-	-
Calcium	SW-846:6010B	mg/L	70	69	99	14.2	29.0928	74.3	1	1	-	-	0	0	0	0	-	-	17	-	-	-
Chloride	EPA:300.0	mg/L	91	90	99	6.72	57.3334	506	1	1	-	-	0	1	4	4	250	NMGSF	19	1	2	LAUZ-1
Cyanide (Total)	EPA:335.3	mg/L	13	1	8	0.00237	0.00237	0.00237	12	92	-	-	0	0	0	0	0.2	NMGSF	13	-	-	-
Cyanide (Total)	SW-846:9012A	mg/L	18	4	22	0.00239	0.00294	0.00368	14	78	-	-	0	0	0	0	0.2	NMGSF	13	-	-	-
Dissolved Organic Carbon	EPA:415.1	mg/L	9	9	100	1.83	4.50111	8.56	0	0	-	-	0	0	0	0	-	-	5	-	-	-
Fluoride	EPA:300.0	mg/L	90	88	98	0.102	0.40255	0.81	2	2	-	-	0	0	2	2	1.6	NMGSF	19	-	2	-
Fluoride	EPA:340.2	mg/L	1	1	100	0.933	0.933	0.933	0	0	-	-	0	0	1	100	1.6	NMGSF	1	-	1	-
Hardness	EPA:200.7	mg/L	18	18	100	54.1	89.4167	120	0	0	-	-	0	0	0	0	-	-	5	-	-	-
Hardness	SM:A2340B	mg/L	45	45	100	49	93.1356	190	0	0	-	-	0	0	0	0	-	-	17	-	-	-
Humic Substances, Hydrophilic Acids	USGS-WRI-79-4	mg/L	5	5	100	0.6	1.38	2.4	0	0	-	-	0	0	0	0	-	-	5	-	-	-
Humic Substances, Hydrophilic Bases	USGS-WRI-79-4	mg/L	3	3	100	0.1	0.33333	0.7	0	0	-	-	0	0	0	0	-	-	3	-	-	-
Humic Substances, Hydrophilic Neutrals	USGS-WRI-79-4	mg/L	3	3	100	0.2	0.5	0.7	0	0	-	-	0	0	0	0	-	-	3	-	-	-
Humic Substances, Hydrophilic Total	USGS-WRI-79-4	mg/L	5	5	100	0.8	1.88	3.7	0	0	-	-	0	0	0	0	-	-	5	-	-	-
Humic Substances, Hydrophobic Acids	USGS-WRI-79-4	mg/L	5	5	100	0.4	1.32	1.9	0	0	-	-	0	0	0	0	-	-	5	-	-	-
Humic Substances, Hydrophobic Neutrals	USGS-WRI-79-4	mg/L	5	5	100	0.4	0.78	1.5	0	0	-	-	0	0	0	0	-	-	5	-	-	-
Humic Substances, Hydrophobic Total	USGS-WRI-79-4	mg/L	5	5	100	0.9	2.14	3.4	0	0	-	-	0	0	0	0	-	-	5	-	-	-
Magnesium	SW-846:6010B	mg/L	70	69	99	2.6	5.86826	9.71	1	1	-	-	0	0	0	0	-	-	17	-	-	-
Nitrate-Nitrite as Nitrogen	EPA:353.1	mg/L	52	50	96	0.01	1.46974	11.6	2	4	-	-	0	1	3	6	10	NMGSF	16	1	2	APCO-1
Nitrate-Nitrite as Nitrogen	EPA:353.2	mg/L	39	32	82	0.014	2.39874	26.4	7	18	-	-	0	3	3	8	10	NMGSF	18	1	1	LLAO-1b
Oxalate	EPA:300.0	mg/L	7	0	0	*1*	*1*	*1*	7	100	-	-	0	0	0	0	-	-	5	-	-	-
Perchlorate	EPA:314.0	ug/L	70	4	6	4.42	9.2225	15.7	66	94	-	-	0	0	1	1	24.5	Reg6	19	-	1	-
Perchlorate	SW846 6850 Modified	ug/L	25	17	68	0.051	0.37027	1.86	8	32	-	-	0	0	0	0	24.5	Reg6	16	-	-	-
Perchlorate	SW-846:6850	ug/L	39	31	79	0.0509	0.46731	7.3	8	21	-	-	0	0	0	0	24.5	Reg6	18	-	-	-
pH	EPA:150.1	SU	82	82	100	6.37	6.96037	8.05	0	0	-	-	0	0	0	0	-	-	19	-	-	-
Potassium	SW-846:6010B	mg/L	70	69	99	2.51	7.71261	18.7	1	1	-	-	0	0	0	0	-	-	17	-	-	-
Silicon Dioxide	SW-846:6010B	mg/L	88	87	99	9.64	42.8775	80.5	1	1	-	-	0	0	0	0	-	-	19	-	-	-
Sodium	SW-846:6010B	mg/L	70	69	99	8.78	54.3823	199	1	1	-	-	0	0	0	0	-	-	17	-	-	-
Specific Conductance	EPA:120.1	uS/cm	52	52	100	150	869.096	21800	0	0	-	-	0	0	0	0	-	-	18	-	-	-

Table B-1
Screening Table for Los Alamos Canyon Watershed (including Pueblo Canyon)

Analyte	Method	Units	No. of Analyses	No. of Detects	D Rate %	Min	Mean	Max	No. of Non-detects	ND Rate %	BV	D> BV	ND> Std	D> Std	D> Std/2	D>Std/2 Rate %	Level	Std Type	Locations with Data (number)	D>Std (number of locations)	D>Std/2 (number of locations)	D>Std Stations
Specific Conductance	SW-846:9050A	uS/cm	30	30	100	169	427.133	1030	0	0	-	-	0	0	0	0	-	-	13	-	-	-
Sulfate	EPA:300.0	mg/L	91	90	99	1.03	19.5644	142	1	1	-	-	0	0	0	0	600	NMGSF	19	-	-	-
Total Dissolved Solids	EPA:160.1	mg/L	95	94	99	97	304.947	1160	1	1	-	-	0	1	4	4	1000	NMGSF	19	1	2	LAUZ-1
Total Kjeldahl Nitrogen	EPA:351.2	mg/L	63	55	87	0.025	2.26176	29.7	8	13	-	-	0	0	0	0	-	-	19	-	-	-
Total Organic Carbon	SW-846:9060	mg/L	12	12	100	1.39	5.65583	11	0	0	-	-	0	0	0	0	-	-	12	-	-	-
Total Phosphate as Phosphorus	EPA:365.4	mg/L	91	54	59	0.02	1.36654	9.73	37	41	-	-	0	0	0	0	-	-	19	-	-	-
LA, Geninorg, UF, Alluvial																						
Alkalinity-CO3	EPA:310.1	mg/L	13	0	0	*0.725*	*0.725*	*0.725*	13	100	-	-	0	0	0	0	-	-	13	-	-	-
Alkalinity-CO3+HCO3	EPA:310.1	mg/L	13	13	100	69.8	121.592	263	0	0	-	-	0	0	0	0	-	-	13	-	-	-
Ammonia as Nitrogen	EPA:350.1	mg/L	13	6	46	0.049	1.44667	4.4	7	54	-	-	0	2	2	15	0.2085714	Reg6	13	2	2	APCO-1, PAO-4
Bromide	EPA:300.0	mg/L	13	5	38	0.077	0.8922	2.27	8	62	-	-	0	0	0	0	-	-	13	-	-	-
Calcium	SW-846:6010B	mg/L	58	58	100	14.5	29.2259	73.9	0	0	-	-	0	0	0	0	-	-	17	-	-	-
Chemical Oxygen Demand	EPA:410.4	mg/L	13	10	77	6.49	37.692	67.2	3	23	-	-	0	0	0	0	-	-	13	-	-	-
Chloride	EPA:300.0	mg/L	13	13	100	7.42	43.84	95.8	0	0	-	-	0	0	0	0	-	-	13	-	-	-
Cyanide (Total)	EPA:335.3	mg/L	29	7	24	0.00167	0.00242	0.00372	22	76	-	-	0	0	0	0	0.2	MCL	14	-	-	-
Cyanide (Total)	SW-846:9012A	mg/L	10	1	10	0.00404	0.00404	0.00404	9	90	-	-	0	0	0	0	0.2	MCL	4	-	-	-
Cyanide, Amenable to Chlorination	SW-846:9012A	mg/L	5	0	0	*0.005*	*0.005*	*0.005*	5	100	-	-	0	0	0	0	0.2	MCL	5	-	-	-
Fluoride	EPA:300.0	mg/L	13	13	100	0.135	0.41962	0.761	0	0	-	-	0	0	0	0	4	MCL	13	-	-	-
Hardness	EPA:200.7	mg/L	6	6	100	79.4	98.6333	113	0	0	-	-	0	0	0	0	-	-	5	-	-	-
Hardness	SM:A2340B	mg/L	45	45	100	51.5	93.2844	179	0	0	-	-	0	0	0	0	-	-	17	-	-	-
Magnesium	SW-846:6010B	mg/L	58	58	100	2.57	5.86931	10.1	0	0	-	-	0	0	0	0	-	-	17	-	-	-
Nitrate-Nitrite as Nitrogen	EPA:353.1	mg/L	13	10	77	0.18	2.0907	9.73	3	23	-	-	0	0	1	8	10	MCL	13	-	1	-
Perchlorate	EPA:314.0	ug/L	15	0	0	*0.958*	*2.71573*	*4*	15	100	-	-	0	0	0	0	24.5	Reg6	5	-	-	-
Perchlorate	SW846 6850 Modified	ug/L	5	5	100	0.0969	0.46818	0.719	0	0	-	-	0	0	0	0	24.5	Reg6	4	-	-	-
pH	EPA:150.1	SU	13	13	100	6.57	7.04385	7.63	0	0	-	-	0	0	0	0	-	-	13	-	-	-
Potassium	SW-846:6010B	mg/L	58	58	100	2.53	7.52483	18.6	0	0	-	-	0	0	0	0	-	-	17	-	-	-
Silicon Dioxide	SW-846:6010B	mg/L	34	34	100	10.6	44.4706	106	0	0	-	-	0	0	0	0	-	-	15	-	-	-
Sodium	SW-846:6010B	mg/L	58	58	100	8.9	52.8929	194	0	0	-	-	0	0	0	0	-	-	17	-	-	-
Specific Conductance	EPA:120.1	uS/cm	13	13	100	182	425.923	821	0	0	-	-	0	0	0	0	-	-	13	-	-	-
Sulfate	EPA:300.0	mg/L	13	13	100	5.58	17.8638	50.7	0	0	-	-	0	0	0	0	-	-	13	-	-	-
Suspended Sediment Concentration	EPA:160.2	mg/L	16	5	31	0.755	4.327	8.4	11	69	-	-	0	0	0	0	-	-	12	-	-	-
Total Kjeldahl Nitrogen	EPA:351.2	mg/L	52	40	77	0.03	2.50305	29.7	12	23	-	-	0	0	0	0	-	-	18	-	-	-
Total Organic Carbon	SW-846:9060	mg/L	59	59	100	1.09	5.27068	18.4	0	0	-	-	0	0	0	0	-	-	18	-	-	-
Total Phosphate as Phosphorus	EPA:365.4	mg/L	13	7	54	0.099	1.30657	5.96	6	46	-	-	0	0	0	0	-	-	13	-	-	-
Total Suspended Solids	EPA:160.2	mg/L	25	18	72	0.75	3.39	21.6	7	28	-	-	0	0	0	0	-	-	15	-	-	-
LA, Geninorg, F, Intermediate																						
Alkalinity-CO3	EPA:310.1	mg/L	42	8	19	0.75	2.55088	14.1	34	81	-	-	0	0	0	0	-	-	9	-	-	-
Alkalinity-CO3+HCO3	EPA:310.1	mg/L	46	46	100	20.7	85.0587	296	0	0	-	-	0	0	0	0	-	-	10	-	-	-
Alkalinity-HCO3	EPA:310.1	mg/L	2	2	100	72.3	80.55	88.8	0	0	-	-	0	0	0	0	-	-	1	-	-	-
Ammonia	EPA:350.1	mg/L	1	0	0	*0.05*	*0.05*	*0.05*	1	100	-	-	0	0	0	0	-	-	1	-	-	-
Ammonia as Nitrogen	EPA:350.1	mg/L	41	3	7	0.059	0.09567	0.154	38	93	-	-	0	0	1	2	0.2085714	Reg6	9	-	1	-
Bromide	EPA:300.0	mg/L	47	26	55	0.075	0.15727	0.279	21	45	-	-	0	0	0	0	-	-	10	-	-	-
Calcium	SW-846:6010B	mg/L	47	47	100	4.26	25.2566	58.1	0	0	-	-	0	0	0	0	-	-	10	-	-	-
Chloride	EPA:300.0	mg/L	47	47	100	1.2	18.177	45.3	0	0	-	-	0	0	0	0	250	NMGSF	10	-	-	-
Cyanide (Total)	EPA:335.3	mg/L	18	1	6	0.00209	0.00209	0.00209	17	94	-	-	0	0	0	0	0.2	NMGSF	8	-	-	-
Dissolved Organic Carbon	USGS-WRI-79-4	mg/L	4	4	100	0.5	2.57	5.2	0	0	-	-	0	0	0	0	-	-	3	-	-	-
Fluoride	EPA:300.0	mg/L	47	42	89	0.076	0.4036	1.12	5	11	-	-	0	0	6	13	1.6	NMGSF	10	-	1	-
Hardness	SM:A2340B	mg/L	41	41	100	14.2	88.0366	212	0	0	-	-	0	0	0	0	-	-	9	-	-	-
Humic Substances, Hydrophilic Acids	USGS-WRI-79-4	mg/L	2	2	100	1.9	2.4	2.9	0	0	-	-	0	0	0	0	-	-	1	-	-	-
Humic Substances, Hydrophilic Bases	USGS-WRI-79-4	mg/L	2	2	100	0.2	0.25	0.3	0	0	-	-	0	0	0	0	-	-	1	-	-	-
Humic Substances, Hydrophilic Neutrals	USGS-WRI-79-4	mg/L	2	2	100	0.3	0.35	0.4	0	0	-	-	0	0	0	0	-	-	1	-	-	-
Humic Substances, Hydrophilic Total	USGS-WRI-79-4	mg/L	2	2	100	2.4	3	3.6	0	0	-	-	0	0	0	0	-	-	1	-	-	-
Humic Substances, Hydrophobic Acids	USGS-WRI-79-4	mg/L	2	2	100	0.8	0.85	0.9	0	0	-	-	0	0	0	0	-	-	1	-	-	-
Humic Substances, Hydrophobic Bases	USGS-WRI-79-4	mg/L	2	2	100	0	0	0	0	0	-	-	0	0	0	0	-	-	1	-	-	-
Humic Substances, Hydrophobic Neutrals	USGS-WRI-79-4	mg/L	2	2	100	0.4	0.6	0.8	0	0	-	-	0	0	0	0	-	-	1	-	-	-
Humic Substances, Hydrophobic Total	USGS-WRI-79-4	mg/L	2	2	100	1.3	1.5	1.7	0	0	-	-	0	0	0	0	-	-	1	-	-	-
Magnesium	SW-846:6010B	mg/L	47	47	100	0.862	5.99919	16.1	0	0	-	-	0	0	0	0	-	-	10	-	-	-
Nitrate as Nitrogen	EPA:300.0	mg/L	3	3	100	0.28	1.00333	2.45	0	0	-	-	0	0	0	0	10	MCL	2	-	-	-
Nitrate-Nitrite as Nitrogen	EPA:353.1	mg/L	33	33	100	0.0707	2.06151	5.2	0	0	-	-	0	0	1	3	10	NMGSF	10	-	1	-
Nitrate-Nitrite as Nitrogen	EPA:353.2	mg/L	18	18	100	0.075	2.928	7.48	0	0	-	-	0	0	2	11	10	NMGSF	9	-	1	-

Table B-1
Screening Table for Los Alamos Canyon Watershed (including Pueblo Canyon)

Analyte	Method	Units	No. of Analyses	No. of Detects	D Rate %	Min	Mean	Max	No. of Non-detects	ND Rate %	BV	D> BV	ND> Std	D> Std	D> Std/2	D>Std/2 Rate %	Level	Std Type	Locations with Data (number)	D>Std (number of locations)	D>Std/2 (number of locations)	D>Std Stations
Nitrite as Nitrogen	EPA:300.0	mg/L	1	1	100	0.012	0.012	0.012	0	0	-	-	0	0	0	0	1	MCL	1	-	-	-
Oxalate	EPA:300.0	mg/L	3	0	0	*0.2*	*0.382*	*0.6*	3	100	-	-	0	0	0	0	-	-	3	-	-	-
Perchlorate	EPA:314.0	ug/L	39	11	28	4.01	6.00545	9	28	72	-	-	0	0	0	0	24.5	Reg6	10	-	-	-
Perchlorate	SW846 6850 Modified	ug/L	15	15	100	0.104	2.149	8.32	0	0	-	-	0	0	0	0	24.5	Reg6	8	-	-	-
Perchlorate	SW-846:6850	ug/L	21	21	100	0.139	2.38867	7.3	0	0	-	-	0	0	0	0	24.5	Reg6	9	-	-	-
pH	EPA:150.1	SU	40	40	100	5.22	7.3705	8.98	0	0	-	-	0	0	0	0	-	-	9	-	-	-
Potassium	SW-846:6010B	mg/L	47	47	100	0.607	5.47902	21.9	0	0	-	-	0	0	0	0	-	-	10	-	-	-
Silicon Dioxide	SW-846:6010B	mg/L	47	47	100	26.1	60.0128	73.8	0	0	-	-	0	0	0	0	-	-	10	-	-	-
Sodium	SW-846:6010B	mg/L	47	47	100	6.29	17.7166	51.1	0	0	-	-	0	0	0	0	-	-	10	-	-	-
Specific Conductance	EPA:120.1	uS/cm	40	40	100	94.5	285.563	621	0	0	-	-	0	0	0	0	-	-	9	-	-	-
Sulfate	EPA:300.0	mg/L	47	47	100	2.27	10.8943	33.9	0	0	-	-	0	0	0	0	600	NMGSF	10	-	-	-
Total Dissolved Solids	EPA:160.1	mg/L	67	67	100	111	205.896	437	0	0	-	-	0	0	0	0	1000	NMGSF	11	-	-	-
Total Kjeldahl Nitrogen	EPA:351.2	mg/L	42	15	36	0.034	0.13693	0.45	27	64	-	-	0	0	0	0	-	-	10	-	-	-
Total Organic Carbon	SW-846:9060	mg/L	1	0	0	*0.599*	*0.599*	*0.599*	1	100	-	-	0	0	0	0	-	-	1	-	-	-
Total Organic Carbon	USGS-WRI-79-4	mg/L	1	1	100	0.67	0.67	0.67	0	0	-	-	0	0	0	0	-	-	1	-	-	-
Total Phosphate as Phosphorus	EPA:365.4	mg/L	50	14	28	0.016	0.3525	1.14	36	72	-	-	0	0	0	0	-	-	11	-	-	-
LA, Geninorg, UF, Intermediate																						
Alkalinity-CO3	EPA:310.1	mg/L	26	1	4	9.43	9.43	9.43	25	96	-	-	0	0	0	0	-	-	8	-	-	-
Alkalinity-CO3+HCO3	EPA:310.1	mg/L	27	26	96	34.7	138.865	1610	1	4	-	-	0	0	0	0	-	-	8	-	-	-
Alkalinity-HCO3	EPA:310.1	mg/L	13	13	100	34.6	209.962	1610	0	0	-	-	0	0	0	0	-	-	4	-	-	-
Ammonia as Nitrogen	EPA:350.1	mg/L	21	3	14	0.063	0.12633	0.176	18	86	-	-	0	0	2	10	0.2085714	Reg6	7	-	2	-
Bromide	EPA:300.0	mg/L	17	8	47	0.087	0.10938	0.13	9	53	-	-	0	0	0	0	-	-	7	-	-	-
Calcium	SW-846:6010B	mg/L	60	60	100	4.57	24.683	58.3	0	0	-	-	0	0	0	0	-	-	11	-	-	-
Chemical Oxygen Demand	EPA:410.4	mg/L	10	7	70	3.13	34.4329	105	3	30	-	-	0	0	0	0	-	-	8	-	-	-
Chloride	EPA:300.0	mg/L	27	27	100	1.22	19.1952	44.1	0	0	-	-	0	0	0	0	-	-	8	-	-	-
Cyanide (Total)	EPA:335.3	mg/L	33	2	6	0.00218	0.00236	0.00253	31	94	-	-	0	0	0	0	0.2	MCL	9	-	-	-
Cyanide (Total)	SW-846:9012A	mg/L	19	0	0	*0.00172*	*0.00214*	*0.005*	19	100	-	-	0	0	0	0	0.2	MCL	6	-	-	-
Fluoride	EPA:300.0	mg/L	27	23	85	0.145	0.376	1.12	4	15	-	-	0	0	0	0	4	MCL	8	-	-	-
Hardness	EPA:200.7	mg/L	9	9	100	20.3	78	159	0	0	-	-	0	0	0	0	-	-	4	-	-	-
Hardness	SM:A2340B	mg/L	45	45	100	15.5	88.3978	212	0	0	-	-	0	0	0	0	-	-	10	-	-	-
Magnesium	SW-846:6010B	mg/L	60	60	100	0.995	6.06058	16.2	0	0	-	-	0	0	0	0	-	-	11	-	-	-
Nitrate-Nitrite as Nitrogen	EPA:353.1	mg/L	28	23	82	0.0554	2.18997	5.06	5	18	-	-	0	0	1	4	10	MCL	8	-	1	-
Perchlorate	EPA:314.0	ug/L	25	5	20	7.03	7.836	9.48	20	80	-	-	0	0	0	0	24.5	Reg6	8	-	-	-
Perchlorate	SW846 6850 Modified	ug/L	17	16	94	0.151	2.56431	8.15	1	6	-	-	0	0	0	0	24.5	Reg6	7	-	-	-
pH	EPA:150.1	SU	27	27	100	6.85	7.41	9.19	0	0	-	-	0	0	0	0	-	-	8	-	-	-
Potassium	SW-846:6010B	mg/L	60	60	100	0.572	5.92755	27.7	0	0	-	-	0	0	0	0	-	-	11	-	-	-
Silicon Dioxide	SW-846:6010B	mg/L	33	33	100	24	53.5182	73.9	0	0	-	-	0	0	0	0	-	-	8	-	-	-
Sodium	SW-846:6010B	mg/L	60	60	100	6.09	18.7697	53.7	0	0	-	-	0	0	0	0	-	-	11	-	-	-
Specific Conductance	EPA:120.1	uS/cm	13	13	100	91.6	249.277	470	0	0	-	-	0	0	0	0	-	-	6	-	-	-
Specific Conductance	SW-846:9050A	uS/cm	14	14	100	90	297.857	555	0	0	-	-	0	0	0	0	-	-	5	-	-	-
Sulfate	EPA:300.0	mg/L	27	27	100	1.97	11.3285	23.1	0	0	-	-	0	0	0	0	-	-	8	-	-	-
Suspended Sediment Concentration	EPA:160.2	mg/L	10	2	20	1.05	27.325	53.6	8	80	-	-	0	0	0	0	-	-	7	-	-	-
Total Kjeldahl Nitrogen	EPA:351.2	mg/L	39	11	28	0.015	0.13091	0.276	28	72	-	-	0	0	0	0	-	-	11	-	-	-
Total Organic Carbon	SW-846:9060	mg/L	54	41	76	0.237	1.26702	4.38	13	24	-	-	0	0	0	0	-	-	11	-	-	-
Total Phosphate as Phosphorus	EPA:365.4	mg/L	26	10	38	0.02	0.5128	1.11	16	62	-	-	0	0	0	0	-	-	8	-	-	-
Total Suspended Solids	EPA:160.2	mg/L	16	9	56	0.75	15.7661	70.3	7	44	-	-	0	0	0	0	-	-	9	-	-	-
LA, Geninorg, F, Regional																						
Alkalinity-CO3	EPA:310.1	mg/L	45	28	62	0.786	2.14539	15.1	17	38	-	-	0	0	0	0	-	-	7	-	-	-
Alkalinity-CO3+HCO3	EPA:310.1	mg/L	54	54	100	54.2	84.4926	129	0	0	156.6	-	0	0	0	0	-	-	8	-	-	-
Alkalinity-HCO3	EPA:310.1	mg/L	10	10	100	64	80.52	109	0	0	132.3	-	0	0	0	0	-	-	4	-	-	-
Ammonia	EPA:350.1	mg/L	1	1	100	0.38	0.38	0.38	0	0	-	-	0	0	0	0	-	-	1	-	-	-
Ammonia as Nitrogen	EPA:350.1	mg/L	47	2	4	0.066	0.0915	0.117	45	96	0.25	-	0	0	1	2	0.2085714	Reg6	7	-	1	-
Bromide	EPA:300.0	mg/L	59	13	22	0.067	0.14285	0.246	46	78	0.18	2	0	0	0	0	-	-	8	-	-	-
Calcium	SW-846:6010B	mg/L	60	60	100	7.93	17.5632	26.8	0	0	24.88	2	0	0	0	0	-	-	8	-	-	-
Chloride	EPA:300.0	mg/L	59	58	98	1.43	4.53724	8.02	1	2	3.57	5	0	0	0	0	250	NMGSF	8	-	-	-
Cyanide (Total)	EPA:335.3	mg/L	18	0	0	*0.0015*	*0.00178*	*0.0025*	18	100	-	-	0	0	0	0	0.2	NMGSF	7	-	-	-
Dissolved Organic Carbon	USGS-WRI-79-4	mg/L	22	22	100	0.3	1.21545	3.4	0	0	-	-	0	0	0	0	-	-	7	-	-	-
Fluoride	EPA:300.0	mg/L	59	59	100	0.203	0.46758	0.8	0	0	0.57	3	0	0	0	0	1.6	NMGSF	8	-	-	-
Hardness	SM:A2340B	mg/L	36	36	100	36.7	60.9333	91.1	0	0	-	-	0	0	0	0	-	-	7	-	-	-
Humic Substances, Hydrophilic Acids	USGS-WRI-79-4	mg/L	5	5	100	0.2	0.68	1.4	0	0	-	-	0	0	0	0	-	-	3	-	-	-

Table B-1
Screening Table for Los Alamos Canyon Watershed (including Pueblo Canyon)

Analyte	Method	Units	No. of Analyses	No. of Detects	D Rate %	Min	Mean	Max	No. of Non-detects	ND Rate %	BV	D> BV	ND> Std	D> Std	D> Std/2	D>Std/2 Rate %	Level	Std Type	Locations with Data (number)	D>Std (number of locations)	D>Std/2 (number of locations)	D>Std Stations
Humic Substances, Hydrophilic Bases	USGS-WRI-79-4	mg/L	5	5	100	0	0.18	0.4	0	0	-	-	0	0	0	0	-	-	3	-	-	-
Humic Substances, Hydrophilic Neutrals	USGS-WRI-79-4	mg/L	5	5	100	0.1	0.3	0.5	0	0	-	-	0	0	0	0	-	-	3	-	-	-
Humic Substances, Hydrophilic Total	USGS-WRI-79-4	mg/L	5	5	100	0.5	1.14	1.7	0	0	-	-	0	0	0	0	-	-	3	-	-	-
Humic Substances, Hydrophobic Acids	USGS-WRI-79-4	mg/L	5	5	100	0.4	0.82	1.7	0	0	-	-	0	0	0	0	-	-	3	-	-	-
Humic Substances, Hydrophobic Bases	USGS-WRI-79-4	mg/L	5	5	100	0	0	0	0	0	-	-	0	0	0	0	-	-	3	-	-	-
Humic Substances, Hydrophobic Neutrals	USGS-WRI-79-4	mg/L	5	5	100	0.3	0.62	1.1	0	0	-	-	0	0	0	0	-	-	3	-	-	-
Humic Substances, Hydrophobic Total	USGS-WRI-79-4	mg/L	5	5	100	0.8	1.44	2	0	0	-	-	0	0	0	0	-	-	3	-	-	-
Magnesium	SW-846:6010B	mg/L	60	60	100	2.26	3.83617	6.78	0	0	4.15	3	0	0	0	0	-	-	8	-	-	-
Nitrate as Nitrogen	EPA:300.0	mg/L	5	5	100	0.063	0.5482	1.86	0	0	0.53	1	0	0	0	0	10	MCL	3	-	-	-
Nitrate-Nitrite as Nitrogen	EPA:353.1	mg/L	47	44	94	0.116	0.74448	2.44	3	6	0.89	2	0	0	0	0	10	NMGSF	8	-	-	-
Nitrate-Nitrite as Nitrogen	EPA:353.2	mg/L	17	17	100	0.119	0.74394	2.39	0	0	0.89	2	0	0	0	0	10	NMGSF	7	-	-	-
Nitrite as Nitrogen	EPA:300.0	mg/L	1	1	100	0.022	0.022	0.022	0	0	-	-	0	0	0	0	1	MCL	1	-	-	-
Oxalate	EPA:300.0	mg/L	6	0	0	*0.2*	*0.364*	*0.6*	6	100	-	-	0	0	0	0	-	-	4	-	-	-
Perchlorate	EPA:314.0	ug/L	37	3	8	4	4.22	4.35	34	92	0.46	1	0	0	0	0	24.5	Reg6	8	-	-	-
Perchlorate	SW846 6850 Modified	ug/L	12	12	100	0.256	1.20358	4.65	0	0	0.46	3	0	0	0	0	24.5	Reg6	7	-	-	-
Perchlorate	SW-846:6850	ug/L	19	19	100	0.202	0.81889	4.31	0	0	0.46	3	0	0	0	0	24.5	Reg6	7	-	-	-
pH	EPA:150.1	SU	35	35	100	6.14	7.84229	8.33	0	0	-	-	0	0	0	0	-	-	7	-	-	-
Potassium	SW-846:6010B	mg/L	60	60	100	1.05	2.62017	5.25	0	0	2.63	5	0	0	0	0	-	-	8	-	-	-
Silicon Dioxide	SW-846:6010B	mg/L	60	60	100	18.3	62.4683	92.1	0	0	88.5	1	0	0	0	0	-	-	8	-	-	-
Sodium	SW-846:6010B	mg/L	60	60	100	8.82	18.4845	37.9	0	0	24.5	2	0	0	0	0	-	-	8	-	-	-
Specific Conductance	EPA:120.1	uS/cm	35	35	100	144	216.114	317	0	0	-	-	0	0	0	0	-	-	7	-	-	-
Sulfate	EPA:300.0	mg/L	59	59	100	0.409	5.85422	17.2	0	0	7.2	2	0	0	0	0	600	NMGSF	8	-	-	-
Total Dissolved Solids	EPA:160.1	mg/L	58	58	100	109	176.707	258	0	0	191.68	4	0	0	0	0	1000	NMGSF	8	-	-	-
Total Kjeldahl Nitrogen	EPA:351.2	mg/L	53	21	40	0.029	0.24719	1.06	32	60	1	-	0	0	0	0	-	-	8	-	-	-
Total Phosphate as Phosphorus	EPA:300.0	mg/L	1	1	100	0.087	0.087	0.087	0	0	0.34	-	0	0	0	0	-	-	1	-	-	-
Total Phosphate as Phosphorus	EPA:365.4	mg/L	59	8	14	0.012	0.0465	0.148	51	86	0.34	-	0	0	0	0	-	-	8	-	-	-
LA, Geninorg, UF, Regional																						
Alkalinity-CO3	EPA:310.1	mg/L	22	6	27	0.784	1.82267	6.51	16	73	-	-	0	0	0	0	-	-	8	-	-	-
Alkalinity-CO3+HCO3	EPA:310.1	mg/L	17	17	100	38	77.6412	111	0	0	-	-	0	0	0	0	-	-	8	-	-	-
Alkalinity-HCO3	EPA:310.1	mg/L	11	11	100	38	81.3182	129	0	0	-	-	0	0	0	0	-	-	4	-	-	-
Ammonia as Nitrogen	EPA:350.1	mg/L	31	2	6	0.062	0.086	0.11	29	94	-	-	0	0	1	3	0.2085714	Reg6	8	-	1	-
Bromide	EPA:300.0	mg/L	18	0	0	*0.041*	*0.05628*	*0.066*	18	100	-	-	0	0	0	0	-	-	8	-	-	-
Calcium	SW-846:6010B	mg/L	72	72	100	7.27	17.7679	28.1	0	0	-	-	0	0	0	0	-	-	8	-	-	-
Chemical Oxygen Demand	EPA:410.4	mg/L	11	7	64	8.72	48.0029	197	4	36	-	-	0	0	0	0	-	-	7	-	-	-
Chloride	EPA:300.0	mg/L	23	23	100	1.38	4.38696	7.81	0	0	-	-	0	0	0	0	-	-	8	-	-	-
Cyanide (Total)	EPA:335.3	mg/L	36	0	0	*0.0015*	*0.00177*	*0.00625*	36	100	-	-	0	0	0	0	0.2	MCL	7	-	-	-
Cyanide (Total)	SW-846:9012A	mg/L	36	2	6	0.0022	0.00295	0.0037	34	94	-	-	0	0	0	0	0.2	MCL	7	-	-	-
Fluoride	EPA:300.0	mg/L	23	23	100	0.235	0.43791	0.781	0	0	-	-	0	0	0	0	4	MCL	8	-	-	-
Hardness	EPA:200.7	mg/L	5	5	100	30.8	54.42	88	0	0	-	-	0	0	0	0	-	-	2	-	-	-
Hardness	SM:A2340B	mg/L	43	43	100	31.4	63.1767	89.7	0	0	-	-	0	0	0	0	-	-	8	-	-	-
Magnesium	SW-846:6010B	mg/L	72	72	100	2.47	3.93903	6.68	0	0	-	-	0	0	0	0	-	-	8	-	-	-
Nitrate-Nitrite as Nitrogen	EPA:353.1	mg/L	38	35	92	0.0387	0.77145	2.64	3	8	-	-	0	0	0	0	10	MCL	8	-	-	-
Perchlorate	EPA:314.0	ug/L	44	3	7	2.12	3.75667	4.92	41	93	0.44	1	0	0	0	0	24.5	Reg6	8	-	-	-
Perchlorate	SW846 6850 Modified	ug/L	43	40	93	0.0912	0.94963	5.02	3	7	0.44	3	0	0	0	0	24.5	Reg6	8	-	-	-
pH	EPA:150.1	SU	23	23	100	6.69	7.74783	9.01	0	0	8.64	1	0	0	0	0	-	-	8	-	-	-
Potassium	SW-846:6010B	mg/L	72	72	100	0.659	2.66235	5.18	0	0	-	-	0	0	0	0	-	-	8	-	-	-
Silicon Dioxide	SW-846:6010B	mg/L	49	49	100	18.5	60.751	91.9	0	0	-	-	0	0	0	0	-	-	8	-	-	-
Sodium	SW-846:6010B	mg/L	72	72	100	7.88	18.1633	39.3	0	0	-	-	0	0	0	0	-	-	8	-	-	-
Specific Conductance	EPA:120.1	uS/cm	11	11	100	154	209.545	276	0	0	287.21	-	0	0	0	0	-	-	7	-	-	-
Specific Conductance	SW-846:9050A	uS/cm	12	12	100	96.4	182.025	247	0	0	287.21	-	0	0	0	0	-	-	4	-	-	-
Sulfate	EPA:300.0	mg/L	23	23	100	0.596	5.10152	16.2	0	0	-	-	0	0	0	0	-	-	8	-	-	-
Suspended Sediment Concentration	EPA:160.2	mg/L	8	1	13	4	4	4	7	88	-	-	0	0	0	0	-	-	4	-	-	-
Total Kjeldahl Nitrogen	EPA:351.2	mg/L	59	18	31	0.048	0.31244	1.37	41	69	-	-	0	0	0	0	-	-	8	-	-	-
Total Organic Carbon	SW-846:9060	mg/L	65	44	68	0.084	0.74627	3.69	21	32	1.37	2	0	0	0	0	-	-	8	-	-	-
Total Phosphate as Phosphorus	EPA:365.4	mg/L	34	5	15	0.018	0.2708	1.15	29	85	-	-	0	0	0	0	-	-	8	-	-	-
Total Suspended Solids	EPA:160.2	mg/L	15	5	33	0.8	4.144	12.8	10	67	-	-	0	0	0	0	-	-	8	-	-	-
LA, Metals, F, Ephemeral																						
Aluminum	EPA:200.7	ug/L	13	11	85	106	351.636	673	2	15	-	-	0	0	6	46	750	AqAcF	5	-	4	-
Aluminum	SW-846:6010B	ug/L	20	10	50	80.2	365.54	712	10	50	-	-	0	0	6	30	750	AqAcF	9	-	5	-
Antimony	EPA:200.8	ug/L	14	0	0	*0.111*	*0.3865*	*0.5*	14	100	-	-	0	0	0	0	640	HHEF	5	-	-	-

Table B-1
Screening Table for Los Alamos Canyon Watershed (including Pueblo Canyon)

Analyte	Method	Units	No. of Analyses	No. of Detects	D Rate %	Min	Mean	Max	No. of Non-detects	ND Rate %	BV	D> BV	ND> Std	D> Std	D> Std/2	D>Std/2 Rate %	Level	Std Type	Locations with Data (number)	D>Std (number of locations)	D>Std/2 (number of locations)	D>Std Stations
Antimony	SW-846:6020	ug/L	20	0	0	*0.5*	*0.582*	*2*	20	100	-	-	0	0	0	0	640	HHEF	9	-	-	-
Arsenic	EPA:200.7	ug/L	14	2	14	3.39	5.27	7.15	12	86	-	-	0	0	1	7	9	HHEF	5	-	1	-
Arsenic	SW-846:6010B	ug/L	5	1	20	13	13	13	4	80	-	-	0	1	1	20	9	HHEF	4	1	1	Pueblo 3
Arsenic	SW-846:6020	ug/L	15	4	27	1.6	2.725	4.9	11	73	-	-	1	0	1	7	9	HHEF	9	-	1	-
Barium	EPA:200.7	ug/L	14	14	100	20.9	39.0786	63.7	0	0	-	-	0	0	0	0	-	-	5	-	-	-
Barium	SW-846:6010B	ug/L	20	20	100	20.1	82.535	275	0	0	-	-	0	0	0	0	-	-	9	-	-	-
Beryllium	EPA:200.7	ug/L	14	0	0	*0.172*	*0.72057*	*1*	14	100	-	-	0	0	0	0	-	-	5	-	-	-
Beryllium	SW-846:6010B	ug/L	19	0	0	*1*	*1*	*1*	19	100	-	-	0	0	0	0	-	-	9	-	-	-
Beryllium	SW-846:6020	ug/L	1	0	0	*0.2*	*0.2*	*0.2*	1	100	-	-	0	0	0	0	-	-	1	-	-	-
Boron	EPA:200.7	ug/L	9	7	78	11.1	207.6	434	2	22	-	-	0	0	1	11	750	IrF	5	-	1	-
Boron	SW-846:6010B	ug/L	19	19	100	12.3	81.6158	306	0	0	-	-	0	0	0	0	750	IrF	9	-	-	-
Cadmium	EPA:200.8	ug/L	14	0	0	*0.05*	*0.08786*	*0.1*	14	100	-	-	0	0	0	0	2	AqAcF	5	-	-	-
Cadmium	SW-846:6020	ug/L	20	1	5	0.16	0.16	0.16	19	95	-	-	0	0	0	0	2	AqAcF	9	-	-	-
Chromium	EPA:200.7	ug/L	9	2	22	1.68	1.7	1.72	7	78	-	-	0	0	0	0	100	IrF	5	-	-	-
Chromium	EPA:200.8	ug/L	5	2	40	1.1	1.15	1.2	3	60	-	-	0	0	0	0	100	IrF	4	-	-	-
Chromium	SW-846:6010B	ug/L	1	0	0	*5*	*5*	*5*	1	100	-	-	0	0	0	0	100	IrF	1	-	-	-
Chromium	SW-846:6020	ug/L	19	9	47	1.1	2.13333	5	10	53	-	-	0	0	0	0	100	IrF	9	-	-	-
Cobalt	EPA:200.7	ug/L	14	4	29	1.21	2.6575	5.75	10	71	-	-	0	0	0	0	50	IrF	5	-	-	-
Cobalt	SW-846:6010B	ug/L	20	7	35	1.1	1.98143	4.2	13	65	-	-	0	0	0	0	50	IrF	9	-	-	-
Copper	EPA:200.7	ug/L	14	3	21	3.57	6.20333	10.6	11	79	-	-	0	0	1	7	13.4	AqAcF	5	-	1	-
Copper	SW-846:6010B	ug/L	15	4	27	4.2	7.875	12.9	11	73	-	-	0	0	3	20	13.4	AqAcF	9	-	1	-
Iron	EPA:200.7	ug/L	14	14	100	27.6	463.657	2430	0	0	-	-	0	0	0	0	-	-	5	-	-	-
Iron	SW-846:6010B	ug/L	20	15	75	26	217.4	702	5	25	-	-	0	0	0	0	-	-	9	-	-	-
Lead	EPA:200.8	ug/L	14	5	36	0.12	0.3268	0.573	9	64	-	-	0	0	0	0	64.6	AqAcF	5	-	-	-
Lead	SW-846:6020	ug/L	20	6	30	0.53	0.848	1.3	14	70	-	-	0	0	0	0	64.6	AqAcF	9	-	-	-
Manganese	EPA:200.7	ug/L	14	14	100	5	454.421	1900	0	0	-	-	0	0	0	0	-	-	5	-	-	-
Manganese	SW-846:6010B	ug/L	19	16	84	2.3	186.494	812	3	16	-	-	0	0	0	0	-	-	9	-	-	-
Manganese	SW-846:6020	ug/L	1	1	100	123	123	123	0	0	-	-	0	0	0	0	-	-	1	-	-	-
Mercury	EPA:245.1	ug/L	4	0	0	*0.033*	*0.0501*	*0.073*	4	100	-	-	0	0	0	0	1.4	AqAcF	1	-	-	-
Mercury	EPA:245.2	ug/L	23	1	4	0.18	0.18	0.18	22	96	-	-	0	0	0	0	1.4	AqAcF	9	-	-	-
Mercury	SW-846:7470A	ug/L	1	0	0	*0.2*	*0.2*	*0.2*	1	100	-	-	0	0	0	0	1.4	AqAcF	1	-	-	-
Molybdenum	EPA:200.7	ug/L	14	10	71	2.3	14.757	55.9	4	29	-	-	0	0	0	0	1000	IrF	5	-	-	-
Molybdenum	SW-846:6010B	ug/L	19	8	42	2.1	7.7875	23.3	11	58	-	-	0	0	0	0	1000	IrF	9	-	-	-
Molybdenum	SW-846:6020	ug/L	1	1	100	7.89	7.89	7.89	0	0	-	-	0	0	0	0	1000	IrF	1	-	-	-
Nickel	EPA:200.7	ug/L	9	3	33	4.55	5.63333	7.45	6	67	-	-	0	0	0	0	467	AqAcF	5	-	-	-
Nickel	EPA:200.8	ug/L	5	5	100	0.74	1.342	2.4	0	0	-	-	0	0	0	0	467	AqAcF	4	-	-	-
Nickel	SW-846:6010B	ug/L	1	1	100	7.1	7.1	7.1	0	0	-	-	0	0	0	0	467	AqAcF	1	-	-	-
Nickel	SW-846:6020	ug/L	19	19	100	0.85	2.32474	4.5	0	0	-	-	0	0	0	0	467	AqAcF	9	-	-	-
Selenium	EPA:200.7	ug/L	6	0	0	*2.29*	*4.77833*	*6*	6	100	-	-	0	0	0	0	50	LWF	5	-	-	-
Selenium	EPA:200.8	ug/L	5	0	0	*2.5*	*2.5*	*2.5*	5	100	-	-	0	0	0	0	50	LWF	4	-	-	-
Selenium	SW-846:6010B	ug/L	1	0	0	*5*	*5*	*5*	1	100	-	-	0	0	0	0	50	LWF	1	-	-	-
Selenium	SW-846:6020	ug/L	19	0	0	*1*	*2.02632*	*2.5*	19	100	-	-	0	0	0	0	50	LWF	9	-	-	-
Silver	EPA:200.7	ug/L	9	1	11	0.91	0.91	0.91	8	89	-	-	0	0	0	0	3.2	AqAcF	5	-	-	-
Silver	EPA:200.8	ug/L	5	0	0	*0.2*	*0.2*	*0.2*	5	100	-	-	0	0	0	0	3.2	AqAcF	4	-	-	-
Silver	SW-846:6010B	ug/L	1	0	0	*5*	*5*	*5*	1	100	-	-	1	0	0	0	3.2	AqAcF	1	-	-	-
Silver	SW-846:6020	ug/L	19	3	16	0.24	0.37333	0.56	16	84	-	-	0	0	0	0	3.2	AqAcF	9	-	-	-
Strontium	EPA:200.7	ug/L	9	9	100	90.4	123.2	159	0	0	-	-	0	0	0	0	-	-	5	-	-	-
Strontium	SW-846:6010B	ug/L	19	19	100	62.3	200.274	495	0	0	-	-	0	0	0	0	-	-	9	-	-	-
Thallium	EPA:200.8	ug/L	14	4	29	0.055	0.226	0.4	10	71	-	-	0	0	0	0	6.3	HHEF	5	-	-	-
Thallium	SW-846:6020	ug/L	20	2	10	0.42	0.485	0.55	18	90	-	-	0	0	0	0	6.3	HHEF	9	-	-	-
Tin	EPA:200.7	ug/L	9	0	0	*1.55*	*2.18889*	*3.5*	9	100	-	-	0	0	0	0	-	-	5	-	-	-
Tin	SW-846:6010B	ug/L	19	0	0	*2.5*	*2.98947*	*5.8*	19	100	-	-	0	0	0	0	-	-	9	-	-	-
Uranium	EPA:200.8	ug/L	1	1	100	0.164	0.164	0.164	0	0	-	-	0	0	0	0	-	-	1	-	-	-
Uranium	SW-846:6020	ug/L	19	9	47	0.3	1.02111	2.1	10	53	-	-	0	0	0	0	-	-	9	-	-	-
Vanadium	EPA:200.7	ug/L	14	12	86	1.1	3.70083	8.61	2	14	-	-	0	0	0	0	100	IrF	5	-	-	-
Vanadium	SW-846:6010B	ug/L	20	14	70	1.1	6.50714	26.9	6	30	-	-	0	0	0	0	100	IrF	9	-	-	-
Zinc	EPA:200.7	ug/L	14	12	86	3	14.25	67.7	2	14	-	-	0	0	1	7	117.2	AqAcF	5	-	1	-
Zinc	SW-846:6010B	ug/L	20	14	70	2.3	17.9571	77.7	6	30	-	-	0	0	1	5	117.2	AqAcF	9	-	1	-
LA, Metals, UF, Ephemeral																						
Aluminum	EPA:200.7	ug/L	15	15	100	970	6230	32600	0	0	-	-	0	0	0	0	-	-	5	-	-	-

Table B-1
Screening Table for Los Alamos Canyon Watershed (including Pueblo Canyon)

Analyte	Method	Units	No. of Analyses	No. of Detects	D Rate %	Min	Mean	Max	No. of Non-detects	ND Rate %	BV	D> BV	ND> Std	D> Std	D> Std/2	D>Std/2 Rate %	Level	Std Type	Locations with Data (number)	D>Std (number of locations)	D>Std/2 (number of locations)	D>Std Stations
Aluminum	SW-846:6010B	ug/L	20	16	80	77.3	1746.21	8820	4	20	-	-	0	0	0	0	-	-	9	-	-	-
Antimony	EPA:200.8	ug/L	15	0	0	*0.2*	*0.48533*	*0.58*	15	100	-	-	0	0	0	0	-	-	5	-	-	-
Antimony	SW-846:6020	ug/L	20	0	0	*0.5*	*0.6685*	*2*	20	100	-	-	0	0	0	0	-	-	9	-	-	-
Arsenic	EPA:200.7	ug/L	15	4	27	1.82	4.505	6.9	11	73	-	-	0	0	0	0	-	-	5	-	-	-
Arsenic	SW-846:6010B	ug/L	5	1	20	11.6	11.6	11.6	4	80	-	-	0	0	0	0	-	-	4	-	-	-
Arsenic	SW-846:6020	ug/L	15	4	27	2.2	3.6	6.7	11	73	-	-	0	0	0	0	-	-	9	-	-	-
Barium	EPA:200.7	ug/L	15	15	100	49.2	107.567	380	0	0	-	-	0	0	0	0	-	-	5	-	-	-
Barium	SW-846:6010B	ug/L	20	20	100	22	109.145	320	0	0	-	-	0	0	0	0	-	-	9	-	-	-
Beryllium	EPA:200.7	ug/L	15	3	20	1.2	1.96667	2.6	12	80	-	-	0	0	0	0	-	-	5	-	-	-
Beryllium	SW-846:6010B	ug/L	19	1	5	1.4	1.4	1.4	18	95	-	-	0	0	0	0	-	-	9	-	-	-
Beryllium	SW-846:6020	ug/L	1	0	0	*0.2*	*0.2*	*0.2*	1	100	-	-	0	0	0	0	-	-	1	-	-	-
Boron	EPA:200.7	ug/L	5	2	40	11.2	28.3	45.4	3	60	-	-	0	0	0	0	-	-	4	-	-	-
Boron	SW-846:6010B	ug/L	19	19	100	11.5	83.2211	311	0	0	-	-	0	0	0	0	-	-	9	-	-	-
Cadmium	EPA:200.8	ug/L	15	4	27	0.14	0.4725	0.88	11	73	-	-	0	0	0	0	-	-	5	-	-	-
Cadmium	SW-846:6020	ug/L	20	4	20	0.052	0.3805	0.83	16	80	-	-	0	0	0	0	-	-	9	-	-	-
Chromium	EPA:200.7	ug/L	10	6	60	1.1	6.21	16.6	4	40	-	-	0	0	0	0	-	-	5	-	-	-
Chromium	EPA:200.8	ug/L	5	5	100	1.3	4.5	14	0	0	-	-	0	0	0	0	-	-	4	-	-	-
Chromium	SW-846:6010B	ug/L	1	0	0	*5*	*5*	*5*	1	100	-	-	0	0	0	0	-	-	1	-	-	-
Chromium	SW-846:6020	ug/L	19	13	68	1	4.7	23.5	6	32	-	-	0	0	0	0	-	-	9	-	-	-
Cobalt	EPA:200.7	ug/L	15	2	13	6.9	8.6	10.3	13	87	-	-	0	0	0	0	-	-	5	-	-	-
Cobalt	SW-846:6010B	ug/L	20	5	25	1.5	2.666	4.2	15	75	-	-	0	0	0	0	-	-	9	-	-	-
Copper	EPA:200.7	ug/L	15	5	33	3	13.4	26	10	67	-	-	0	0	0	0	-	-	5	-	-	-
Copper	SW-846:6010B	ug/L	15	7	47	3.1	34.5114	185	8	53	-	-	0	0	0	0	-	-	9	-	-	-
Iron	EPA:200.7	ug/L	15	15	100	540	3759.87	19600	0	0	-	-	0	0	0	0	-	-	5	-	-	-
Iron	SW-846:6010B	ug/L	20	20	100	40	1047.24	6300	0	0	-	-	0	0	0	0	-	-	9	-	-	-
Lead	EPA:200.8	ug/L	15	15	100	0.93	8.38867	38.2	0	0	-	-	0	0	0	0	-	-	5	-	-	-
Lead	SW-846:6020	ug/L	20	14	70	0.57	4.7	30.5	6	30	-	-	0	0	0	0	-	-	9	-	-	-
Manganese	EPA:200.7	ug/L	15	15	100	31.4	284.413	1510	0	0	-	-	0	0	0	0	-	-	5	-	-	-
Manganese	SW-846:6010B	ug/L	19	19	100	2.9	215.316	883	0	0	-	-	0	0	0	0	-	-	9	-	-	-
Manganese	SW-846:6020	ug/L	1	1	100	132	132	132	0	0	-	-	0	0	0	0	-	-	1	-	-	-
Mercury	EPA:245.1	ug/L	5	0	0	*0.033*	*0.04948*	*0.073*	5	100	-	-	0	0	0	0	10	WHU	2	-	-	-
Mercury	EPA:245.2	ug/L	33	2	6	0.07	0.51	0.95	31	94	-	-	0	0	0	0	10	WHU	9	-	-	-
Mercury	SW-846:7470A	ug/L	1	0	0	*0.2*	*0.2*	*0.2*	1	100	-	-	0	0	0	0	10	WHU	1	-	-	-
Molybdenum	EPA:200.7	ug/L	15	11	73	2.1	14.9818	57	4	27	-	-	0	0	0	0	-	-	5	-	-	-
Molybdenum	SW-846:6010B	ug/L	19	6	32	2.4	10.35	22.3	13	68	-	-	0	0	0	0	-	-	9	-	-	-
Molybdenum	SW-846:6020	ug/L	1	1	100	7.65	7.65	7.65	0	0	-	-	0	0	0	0	-	-	1	-	-	-
Nickel	EPA:200.7	ug/L	5	1	20	12.3	12.3	12.3	4	80	-	-	0	0	0	0	-	-	4	-	-	-
Nickel	EPA:200.8	ug/L	10	10	100	1.1	5.07	21.7	0	0	-	-	0	0	0	0	-	-	5	-	-	-
Nickel	SW-846:6010B	ug/L	1	1	100	6.58	6.58	6.58	0	0	-	-	0	0	0	0	-	-	1	-	-	-
Nickel	SW-846:6020	ug/L	19	19	100	0.86	3.09263	11.4	0	0	-	-	0	0	0	0	-	-	9	-	-	-
Selenium	EPA:200.7	ug/L	9	1	11	7.2	7.2	7.2	8	89	-	-	0	0	0	0	20	AqAcU	5	-	-	-
Selenium	EPA:200.8	ug/L	10	0	0	*2.5*	*2.5*	*2.5*	10	100	-	-	0	0	0	0	20	AqAcU	5	-	-	-
Selenium	SW-846:6010B	ug/L	1	1	100	3.86	3.86	3.86	0	0	-	-	0	0	0	0	20	AqAcU	1	-	-	-
Selenium	SW-846:6020	ug/L	19	0	0	*1*	*2.02632*	*2.5*	19	100	-	-	0	0	0	0	20	AqAcU	9	-	-	-
Silver	EPA:200.7	ug/L	5	0	0	*0.819*	*0.9638*	*1*	5	100	-	-	0	0	0	0	-	-	4	-	-	-
Silver	EPA:200.8	ug/L	10	2	20	0.25	0.625	1	8	80	-	-	0	0	0	0	-	-	5	-	-	-
Silver	SW-846:6010B	ug/L	1	0	0	*5*	*5*	*5*	1	100	-	-	0	0	0	0	-	-	1	-	-	-
Silver	SW-846:6020	ug/L	19	5	26	0.21	2.968	11.7	14	74	-	-	0	0	0	0	-	-	9	-	-	-
Strontium	EPA:200.7	ug/L	5	5	100	93.3	121.5	167	0	0	-	-	0	0	0	0	-	-	4	-	-	-
Strontium	SW-846:6010B	ug/L	19	19	100	59.9	207.674	486	0	0	-	-	0	0	0	0	-	-	9	-	-	-
Thallium	EPA:200.8	ug/L	15	1	7	0.52	0.52	0.52	14	93	-	-	0	0	0	0	-	-	5	-	-	-
Thallium	SW-846:6020	ug/L	20	0	0	*0.3*	*0.375*	*0.5*	20	100	-	-	0	0	0	0	-	-	9	-	-	-
Tin	EPA:200.7	ug/L	5	0	0	*1.55*	*2.31*	*2.5*	5	100	-	-	0	0	0	0	-	-	4	-	-	-
Tin	SW-846:6010B	ug/L	19	1	5	19.4	19.4	19.4	18	95	-	-	0	0	0	0	-	-	9	-	-	-
Uranium	EPA:200.8	ug/L	1	1	100	0.208	0.208	0.208	0	0	-	-	0	0	0	0	-	-	1	-	-	-
Uranium	SW-846:6020	ug/L	19	11	58	0.3	1.19545	2.2	8	42	-	-	0	0	0	0	-	-	9	-	-	-
Vanadium	EPA:200.7	ug/L	15	12	80	1.1	8.26083	30.4	3	20	-	-	0	0	0	0	-	-	5	-	-	-
Vanadium	SW-846:6010B	ug/L	20	15	75	1.5	9.56667	54.3	5	25	-	-	0	0	0	0	-	-	9	-	-	-
Zinc	EPA:200.7	ug/L	15	15	100	11.5	36.6467	112	0	0	-	-	0	0	0	0	-	-	5	-	-	-
Zinc	SW-846:6010B	ug/L	20	15	75	3	53.7867	460	5	25	-	-	0	0	0	0	-	-	9	-	-	-

Table B-1
Screening Table for Los Alamos Canyon Watershed (including Pueblo Canyon)

Analyte	Method	Units	No. of Analyses	No. of Detects	D Rate %	Min	Mean	Max	No. of Non-detects	ND Rate %	BV	D> BV	ND> Std	D> Std	D> Std/2	D>Std/2 Rate %	Level	Std Type	Locations with Data (number)	D>Std (number of locations)	D>Std/2 (number of locations)	D>Std Stations
LA, Metals, F, Perennial																						
Aluminum	EPA:200.7	ug/L	9	8	89	56.2	416.4	797	1	11	-	-	0	7	8	89	87	AqChrF	2	2	2	Los Alamos below Ice Rink, Pueblo above SR-502
Aluminum	SW-846:6010B	ug/L	6	4	67	91.3	291.825	484	2	33	-	-	0	4	4	67	87	AqChrF	2	2	2	Los Alamos below Ice Rink, Pueblo above SR-502
Antimony	EPA:200.8	ug/L	9	0	0	*0.111*	*0.31956*	*0.5*	9	100	-	-	0	0	0	0	640	HHPF	2	-	-	-
Antimony	SW-846:6020	ug/L	6	0	0	*0.5*	*0.51833*	*0.56*	6	100	-	-	0	0	0	0	640	HHPF	2	-	-	-
Arsenic	EPA:200.7	ug/L	9	4	44	2.47	5.3925	7.19	5	56	-	-	0	0	3	33	9	HHPF	2	-	1	-
Arsenic	SW-846:6010B	ug/L	2	0	0	*6*	*6*	*6*	2	100	-	-	0	0	0	0	9	HHPF	1	-	-	-
Arsenic	SW-846:6020	ug/L	4	2	50	4.8	5.05	5.3	2	50	-	-	0	0	2	50	9	HHPF	2	-	1	-
Barium	EPA:200.7	ug/L	9	9	100	18.4	32.3778	61.8	0	0	-	-	0	0	0	0	-	-	2	-	-	-
Barium	SW-846:6010B	ug/L	6	6	100	17.3	24.4167	32.3	0	0	-	-	0	0	0	0	-	-	2	-	-	-
Beryllium	EPA:200.7	ug/L	9	0	0	*0.172*	*0.57211*	*1*	9	100	-	-	0	0	0	0	-	-	2	-	-	-
Beryllium	SW-846:6010B	ug/L	6	0	0	*1*	*1*	*1*	6	100	-	-	0	0	0	0	-	-	2	-	-	-
Boron	EPA:200.7	ug/L	8	8	100	11.1	195.825	494	0	0	-	-	0	0	2	25	750	IrF	2	-	1	-
Boron	SW-846:6010B	ug/L	6	6	100	11.6	202.8	301	0	0	-	-	0	0	0	0	750	IrF	2	-	-	-
Cadmium	EPA:200.8	ug/L	9	0	0	*0.05*	*0.08333*	*0.14*	9	100	-	-	0	0	0	0	0.2	AqChrF	2	-	-	-
Cadmium	SW-846:6020	ug/L	6	0	0	*0.1*	*0.1*	*0.1*	6	100	-	-	0	0	0	0	0.2	AqChrF	2	-	-	-
Chromium	EPA:200.7	ug/L	8	2	25	1.2	1.355	1.51	6	75	-	-	0	0	0	0	74.1	AqChrF	2	-	-	-
Chromium	EPA:200.8	ug/L	1	0	0	*1*	*1*	*1*	1	100	-	-	0	0	0	0	74.1	AqChrF	1	-	-	-
Chromium	SW-846:6020	ug/L	6	2	33	2.6	2.7	2.8	4	67	-	-	0	0	0	0	74.1	AqChrF	2	-	-	-
Cobalt	EPA:200.7	ug/L	9	3	33	0.839	12.713	35	6	67	-	-	0	0	1	11	50	IrF	2	-	1	-
Cobalt	SW-846:6010B	ug/L	6	3	50	2.5	3.73333	4.5	3	50	-	-	0	0	0	0	50	IrF	2	-	-	-
Copper	EPA:200.7	ug/L	9	4	44	4.5	8.135	11.5	5	56	-	-	0	2	3	33	9	AqChrF	2	1	1	Pueblo above SR-502
Copper	SW-846:6010B	ug/L	6	2	33	19.4	19.45	19.5	4	67	-	-	0	2	2	33	9	AqChrF	2	1	1	Pueblo above SR-502
Iron	EPA:200.7	ug/L	9	9	100	96.7	227.522	330	0	0	-	-	0	0	0	0	-	-	2	-	-	-
Iron	SW-846:6010B	ug/L	6	6	100	141	312.333	858	0	0	-	-	0	0	0	0	-	-	2	-	-	-
Lead	EPA:200.8	ug/L	9	5	56	0.237	0.587	0.837	4	44	-	-	0	0	0	0	2.5	AqChrF	2	-	-	-
Lead	SW-846:6020	ug/L	6	3	50	0.51	0.57	0.63	3	50	-	-	0	0	0	0	2.5	AqChrF	2	-	-	-
Manganese	EPA:200.7	ug/L	9	9	100	4.3	139.187	486	0	0	-	-	0	0	0	0	-	-	2	-	-	-
Manganese	SW-846:6010B	ug/L	6	6	100	3.9	526.45	1440	0	0	-	-	0	0	0	0	-	-	2	-	-	-
Mercury	EPA:245.1	ug/L	4	0	0	*0.0472*	*0.0601*	*0.073*	4	100	-	-	0	0	0	0	0.77	AqChrF	2	-	-	-
Mercury	EPA:245.2	ug/L	9	0	0	*0.05*	*0.05667*	*0.06*	9	100	-	-	0	0	0	0	0.77	AqChrF	2	-	-	-
Molybdenum	EPA:200.7	ug/L	9	3	33	1.1	6.85667	9.76	6	67	-	-	0	0	0	0	1000	IrF	2	-	-	-
Molybdenum	SW-846:6010B	ug/L	6	2	33	4.6	4.8	5	4	67	-	-	0	0	0	0	1000	IrF	2	-	-	-
Nickel	EPA:200.7	ug/L	8	2	25	1.1	4.645	8.19	6	75	-	-	0	0	0	0	52	AqChrF	2	-	-	-
Nickel	EPA:200.8	ug/L	1	1	100	1.1	1.1	1.1	0	0	-	-	0	0	0	0	52	AqChrF	1	-	-	-
Nickel	SW-846:6020	ug/L	6	6	100	0.71	3.84167	8	0	0	-	-	0	0	0	0	52	AqChrF	2	-	-	-
Selenium	EPA:200.7	ug/L	7	1	14	2.61	2.61	2.61	6	86	-	-	0	0	0	0	50	LWF	2	-	-	-
Selenium	EPA:200.8	ug/L	1	0	0	*2.5*	*2.5*	*2.5*	1	100	-	-	0	0	0	0	50	LWF	1	-	-	-
Selenium	SW-846:6020	ug/L	6	0	0	*2.5*	*2.5*	*2.5*	6	100	-	-	0	0	0	0	50	LWF	2	-	-	-
Silver	EPA:200.7	ug/L	8	1	13	0.926	0.926	0.926	7	88	-	-	0	0	0	0	3.2	AqAcF	2	-	-	-
Silver	EPA:200.8	ug/L	1	0	0	*0.2*	*0.2*	*0.2*	1	100	-	-	0	0	0	0	3.2	AqAcF	1	-	-	-
Silver	SW-846:6020	ug/L	6	2	33	1.3	1.45	1.6	4	67	-	-	0	0	0	0	3.2	AqAcF	2	-	-	-
Strontium	EPA:200.7	ug/L	8	8	100	82.8	99.4375	127	0	0	-	-	0	0	0	0	-	-	2	-	-	-
Strontium	SW-846:6010B	ug/L	6	6	100	72.1	101.967	147	0	0	-	-	0	0	0	0	-	-	2	-	-	-
Thallium	EPA:200.8	ug/L	9	4	44	0.37	0.53425	0.78	5	56	-	-	0	0	0	0	6.3	HHPF	2	-	-	-
Thallium	SW-846:6020	ug/L	6	0	0	*0.4*	*0.43*	*0.58*	6	100	-	-	0	0	0	0	6.3	HHPF	2	-	-	-

Table B-1
Screening Table for Los Alamos Canyon Watershed (including Pueblo Canyon)

Analyte	Method	Units	No. of Analyses	No. of Detects	D Rate %	Min	Mean	Max	No. of Non-detects	ND Rate %	BV	D> BV	ND> Std	D> Std	D> Std/2	D>Std/2 Rate %	Level	Std Type	Locations with Data (number)	D>Std (number of locations)	D>Std/2 (number of locations)	D>Std Stations
Tin	EPA:200.7	ug/L	8	0	0	*1.55*	*2.39375*	*3.5*	8	100	-	-	0	0	0	0	-	-	2	-	-	-
Tin	SW-846:6010B	ug/L	6	0	0	*2.5*	*2.5*	*2.5*	6	100	-	-	0	0	0	0	-	-	2	-	-	-
Uranium	EPA:200.8	ug/L	1	1	100	0.052	0.052	0.052	0	0	-	-	0	0	0	0	-	-	1	-	-	-
Uranium	SW-846:6020	ug/L	6	4	67	0.31	0.4475	0.6	2	33	-	-	0	0	0	0	-	-	2	-	-	-
Vanadium	EPA:200.7	ug/L	9	6	67	0.952	15.1053	35.2	3	33	-	-	0	0	0	0	100	IrF	2	-	-	-
Vanadium	SW-846:6010B	ug/L	6	4	67	6.4	10.25	14.4	2	33	-	-	0	0	0	0	100	IrF	2	-	-	-
Zinc	EPA:200.7	ug/L	9	7	78	4.7	18.0214	32.3	2	22	-	-	0	0	0	0	117.2	AqAcF	2	-	-	-
Zinc	SW-846:6010B	ug/L	6	4	67	2.9	19.725	36.7	2	33	-	-	0	0	0	0	117.2	AqAcF	2	-	-	-
LA, Metals, UF, Perennial																						
Aluminum	EPA:200.7	ug/L	6	6	100	754	1282.33	1840	0	0	-	-	0	0	0	0	-	-	2	-	-	-
Aluminum	SW-846:6010B	ug/L	6	6	100	408	935.333	1640	0	0	-	-	0	0	0	0	-	-	2	-	-	-
Antimony	EPA:200.8	ug/L	6	0	0	*0.2*	*0.45*	*0.5*	6	100	-	-	0	0	0	0	-	-	2	-	-	-
Antimony	SW-846:6020	ug/L	6	0	0	*0.5*	*0.51167*	*0.57*	6	100	-	-	0	0	0	0	-	-	2	-	-	-
Arsenic	EPA:200.7	ug/L	6	0	0	*1.67*	*4.71167*	*6*	6	100	-	-	0	0	0	0	-	-	2	-	-	-
Arsenic	SW-846:6010B	ug/L	2	0	0	*6*	*6*	*6*	2	100	-	-	0	0	0	0	-	-	1	-	-	-
Arsenic	SW-846:6020	ug/L	4	2	50	5.8	5.95	6.1	2	50	-	-	0	0	0	0	-	-	2	-	-	-
Barium	EPA:200.7	ug/L	6	6	100	29.9	39.6833	47.1	0	0	-	-	0	0	0	0	-	-	2	-	-	-
Barium	SW-846:6010B	ug/L	6	6	100	31.7	47.7167	69	0	0	-	-	0	0	0	0	-	-	2	-	-	-
Beryllium	EPA:200.7	ug/L	6	0	0	*0.172*	*0.772*	*1*	6	100	-	-	0	0	0	0	-	-	2	-	-	-
Beryllium	SW-846:6010B	ug/L	6	0	0	*1*	*1*	*1*	6	100	-	-	0	0	0	0	-	-	2	-	-	-
Boron	EPA:200.7	ug/L	4	2	50	7.13	151.565	296	2	50	-	-	0	0	0	0	-	-	2	-	-	-
Boron	SW-846:6010B	ug/L	6	6	100	10.9	203.35	311	0	0	-	-	0	0	0	0	-	-	2	-	-	-
Cadmium	EPA:200.8	ug/L	6	0	0	*0.07*	*0.10667*	*0.17*	6	100	-	-	0	0	0	0	-	-	2	-	-	-
Cadmium	SW-846:6020	ug/L	6	1	17	0.12	0.12	0.12	5	83	-	-	0	0	0	0	-	-	2	-	-	-
Chromium	EPA:200.7	ug/L	5	2	40	1.1	1.575	2.05	3	60	-	-	0	0	0	0	-	-	2	-	-	-
Chromium	EPA:200.8	ug/L	1	1	100	1.1	1.1	1.1	0	0	-	-	0	0	0	0	-	-	1	-	-	-
Chromium	SW-846:6020	ug/L	6	2	33	3.7	3.75	3.8	4	67	-	-	0	0	0	0	-	-	2	-	-	-
Cobalt	EPA:200.7	ug/L	6	1	17	2.5	2.5	2.5	5	83	-	-	0	0	0	0	-	-	2	-	-	-
Cobalt	SW-846:6010B	ug/L	6	2	33	3.7	3.9	4.1	4	67	-	-	0	0	0	0	-	-	2	-	-	-
Copper	EPA:200.7	ug/L	6	2	33	4.4	5.95	7.5	4	67	-	-	0	0	0	0	-	-	2	-	-	-
Copper	SW-846:6010B	ug/L	6	4	67	3.9	20.05	36.2	2	33	-	-	0	0	0	0	-	-	2	-	-	-
Iron	EPA:200.7	ug/L	6	6	100	492	686.167	906	0	0	-	-	0	0	0	0	-	-	2	-	-	-
Iron	SW-846:6010B	ug/L	6	6	100	426	1465.5	2710	0	0	-	-	0	0	0	0	-	-	2	-	-	-
Lead	EPA:200.8	ug/L	6	4	67	0.64	1.04925	2	2	33	-	-	0	0	0	0	-	-	2	-	-	-
Lead	SW-846:6020	ug/L	6	4	67	2.3	2.675	3.1	2	33	-	-	0	0	0	0	-	-	2	-	-	-
Manganese	EPA:200.7	ug/L	6	6	100	25.7	119.433	548	0	0	-	-	0	0	0	0	-	-	2	-	-	-
Manganese	SW-846:6010B	ug/L	6	6	100	15.8	572.167	1510	0	0	-	-	0	0	0	0	-	-	2	-	-	-
Mercury	EPA:245.1	ug/L	5	0	0	*0.047*	*0.05748*	*0.073*	5	100	-	-	0	0	0	0	10	WHU	2	-	-	-
Mercury	EPA:245.2	ug/L	11	0	0	*0.0472*	*0.05811*	*0.082*	11	100	-	-	0	0	0	0	10	WHU	2	-	-	-
Molybdenum	EPA:200.7	ug/L	6	1	17	4	4	4	5	83	-	-	0	0	0	0	-	-	2	-	-	-
Molybdenum	SW-846:6010B	ug/L	6	0	0	*2*	*4.53333*	*8.5*	6	100	-	-	0	0	0	0	-	-	2	-	-	-
Nickel	EPA:200.7	ug/L	4	1	25	1.2	1.2	1.2	3	75	-	-	0	0	0	0	-	-	2	-	-	-
Nickel	EPA:200.8	ug/L	2	2	100	1	1.1	1.2	0	0	-	-	0	0	0	0	-	-	1	-	-	-
Nickel	SW-846:6020	ug/L	6	6	100	0.82	4.11667	8.7	0	0	-	-	0	0	0	0	-	-	2	-	-	-
Selenium	EPA:200.7	ug/L	8	1	13	8	8	8	7	88	-	-	0	0	0	0	20	AqAcU	2	-	-	-
Selenium	EPA:200.8	ug/L	2	0	0	*2.5*	*2.5*	*2.5*	2	100	-	-	0	0	0	0	20	AqAcU	1	-	-	-
Selenium	SW-846:6020	ug/L	6	0	0	*2.5*	*2.5*	*2.5*	6	100	-	-	0	0	0	0	20	AqAcU	2	-	-	-
Silver	EPA:200.7	ug/L	4	0	0	*0.819*	*0.95475*	*1*	4	100	-	-	0	0	0	0	-	-	2	-	-	-
Silver	EPA:200.8	ug/L	2	0	0	*0.2*	*0.2*	*0.2*	2	100	-	-	0	0	0	0	-	-	1	-	-	-
Silver	SW-846:6020	ug/L	6	2	33	2.4	2.55	2.7	4	67	-	-	0	0	0	0	-	-	2	-	-	-
Strontium	EPA:200.7	ug/L	4	4	100	86.3	97.425	109	0	0	-	-	0	0	0	0	-	-	2	-	-	-
Strontium	SW-846:6010B	ug/L	6	6	100	73	106	147	0	0	-	-	0	0	0	0	-	-	2	-	-	-
Thallium	EPA:200.8	ug/L	6	1	17	0.03	0.03	0.03	5	83	-	-	0	0	0	0	-	-	2	-	-	-
Thallium	SW-846:6020	ug/L	6	0	0	*0.4*	*0.4*	*0.4*	6	100	-	-	0	0	0	0	-	-	2	-	-	-
Tin	EPA:200.7	ug/L	4	0	0	*1.55*	*2.2625*	*2.5*	4	100	-	-	0	0	0	0	-	-	2	-	-	-
Tin	SW-846:6010B	ug/L	6	0	0	*2.5*	*2.65*	*3*	6	100	-	-	0	0	0	0	-	-	2	-	-	-
Uranium	EPA:200.8	ug/L	1	1	100	0.074	0.074	0.074	0	0	-	-	0	0	0	0	-	-	1	-	-	-
Uranium	SW-846:6020	ug/L	6	4	67	0.38	0.5425	0.68	2	33	-	-	0	0	0	0	-	-	2	-	-	-
Vanadium	EPA:200.7	ug/L	6	3	50	1.16	3.68667	8.6	3	50	-	-	0	0	0	0	-	-	2	-	-	-
Vanadium	SW-846:6010B	ug/L	6	6	100	1.5	8.81667	17.8	0	0	-	-	0	0	0	0	-	-	2	-	-	-

Table B-1
Screening Table for Los Alamos Canyon Watershed (including Pueblo Canyon)

Analyte	Method	Units	No. of Analyses	No. of Detects	D Rate %	Min	Mean	Max	No. of Non-detects	ND Rate %	BV	D> BV	ND> Std	D> Std	D> Std/2	D>Std/2 Rate %	Level	Std Type	Locations with Data (number)	D>Std (number of locations)	D>Std/2 (number of locations)	D>Std Stations
Zinc	EPA:200.7	ug/L	6	5	83	4.7	16.48	39.8	1	17	-	-	0	0	0	0	-	-	2	-	-	-
Zinc	SW-846:6010B	ug/L	6	6	100	4.6	27	63.4	0	0	-	-	0	0	0	0	-	-	2	-	-	-
LA, Metals, F, Springs																						
Aluminum	SW-846:6010B	ug/L	17	4	24	313	965.25	2690	13	76	-	-	0	0	1	6	5000	NMGSF	4	-	1	-
Antimony	SW-846:6020	ug/L	18	2	11	0.342	0.446	0.55	16	89	-	-	0	0	0	0	6	MCL	4	-	-	-
Arsenic	SW-846:6010B	ug/L	10	1	10	4.4	4.4	4.4	9	90	-	-	0	0	0	0	10	MCL	3	-	-	-
Arsenic	SW-846:6020	ug/L	8	0	0	*1.5*	*2.1625*	*4.1*	8	100	-	-	0	0	0	0	10	MCL	4	-	-	-
Barium	SW-846:6010B	ug/L	18	18	100	39.9	84.5056	128	0	0	-	-	0	0	0	0	1000	NMGSF	4	-	-	-
Beryllium	SW-846:6010B	ug/L	14	0	0	*0.158*	*0.83971*	*1*	14	100	-	-	0	0	0	0	4	MCL	4	-	-	-
Beryllium	SW-846:6020	ug/L	3	0	0	*0.1*	*0.4*	*1*	3	100	-	-	0	0	0	0	4	MCL	2	-	-	-
Boron	SW-846:6010B	ug/L	17	14	82	18.2	95.1714	240	3	18	-	-	0	0	0	0	750	NMGSF	4	-	-	-
Cadmium	SW-846:6020	ug/L	18	1	6	0.057	0.057	0.057	17	94	-	-	0	0	0	0	5	MCL	4	-	-	-
Chromium	SW-846:6010B	ug/L	7	3	43	0.784	1.09467	1.3	4	57	-	-	0	0	0	0	50	NMGSF	2	-	-	-
Chromium	SW-846:6020	ug/L	11	3	27	2.6	3.93333	5.3	8	73	-	-	0	0	0	0	50	NMGSF	4	-	-	-
Cobalt	SW-846:6010B	ug/L	18	5	28	2.3	3.11	3.98	13	72	-	-	0	0	0	0	50	NMGSF	4	-	-	-
Copper	SW-846:6010B	ug/L	14	6	43	3.25	4.24	5.6	8	57	-	-	0	0	0	0	1000	NMGSF	4	-	-	-
Iron	SW-846:6010B	ug/L	18	8	44	21.1	247.075	1320	10	56	-	-	0	1	1	6	1000	NMGSF	4	1	1	DP Spring
Lead	SW-846:6020	ug/L	18	6	33	0.064	0.35617	1.3	12	67	-	-	0	0	0	0	15	MCL	4	-	-	-
Manganese	SW-846:6010B	ug/L	15	6	40	0.636	5.90433	12.1	9	60	-	-	0	0	0	0	200	NMGSF	4	-	-	-
Manganese	SW-846:6020	ug/L	3	3	100	1.1	3.75333	9.06	0	0	-	-	0	0	0	0	200	NMGSF	2	-	-	-
Mercury	EPA:245.2	ug/L	11	0	0	*0.03*	*0.04909*	*0.06*	11	100	-	-	0	0	0	0	2	MCL	4	-	-	-
Mercury	SW-846:7470A	ug/L	3	0	0	*0.05*	*0.1*	*0.2*	3	100	-	-	0	0	0	0	2	MCL	2	-	-	-
Molybdenum	SW-846:6010B	ug/L	15	6	40	2.1	3.785	6.58	9	60	-	-	0	0	0	0	1000	NMGSF	4	-	-	-
Molybdenum	SW-846:6020	ug/L	3	3	100	2.7	4.4	6.8	0	0	-	-	0	0	0	0	1000	NMGSF	2	-	-	-
Nickel	SW-846:6010B	ug/L	7	4	57	4.7	7.535	10.1	3	43	-	-	0	0	0	0	100	MCL	2	-	-	-
Nickel	SW-846:6020	ug/L	11	11	100	0.65	2.28545	8.4	0	0	-	-	0	0	0	0	100	MCL	4	-	-	-
Selenium	SW-846:6010B	ug/L	3	0	0	*5*	*5.66667*	*6*	3	100	-	-	0	0	0	0	50	NMGSF	2	-	-	-
Selenium	SW-846:6020	ug/L	11	2	18	3.1	3.25	3.4	9	82	-	-	0	0	0	0	50	NMGSF	4	-	-	-
Silver	SW-846:6010B	ug/L	7	0	0	*0.835*	*1.47714*	*5*	7	100	-	-	0	0	0	0	50	NMGSF	2	-	-	-
Silver	SW-846:6020	ug/L	11	0	0	*0.2*	*0.2*	*0.2*	11	100	-	-	0	0	0	0	50	NMGSF	4	-	-	-
Strontium	SW-846:6010B	ug/L	17	17	100	74.4	183.965	301	0	0	-	-	0	0	0	0	21900	Reg6	4	-	-	-
Thallium	SW-846:6020	ug/L	18	2	11	0.51	0.545	0.58	16	89	-	-	0	0	0	0	2	MCL	4	-	-	-
Tin	SW-846:6010B	ug/L	17	0	0	*2.5*	*2.97294*	*6.7*	17	100	-	-	0	0	0	0	21900	Reg6	4	-	-	-
Uranium	SW-846:6020	ug/L	13	12	92	0.119	1.16992	2.8	1	8	-	-	0	0	0	0	30	NMGSF	4	-	-	-
Vanadium	SW-846:6010B	ug/L	18	16	89	2.5	7.00938	10.5	2	11	-	-	0	0	0	0	182.5	Reg6	4	-	-	-
Zinc	SW-846:6010B	ug/L	18	11	61	2.2	8.49818	32.8	7	39	-	-	0	0	0	0	10000	NMGSF	4	-	-	-
LA, Metals, UF, Springs																						
Aluminum	SW-846:6010B	ug/L	14	6	43	71.7	1025.95	4450	8	57	-	-	0	0	0	0	36500	Reg6	4	-	-	-
Antimony	SW-846:6020	ug/L	14	0	0	*0.5*	*0.60714*	*2*	14	100	-	-	0	0	0	0	6	MCL	4	-	-	-
Arsenic	SW-846:6010B	ug/L	6	2	33	3.66	4.88	6.1	4	67	-	-	0	0	1	17	10	MCL	3	-	1	-
Arsenic	SW-846:6020	ug/L	8	0	0	*1.5*	*2.0875*	*4*	8	100	-	-	0	0	0	0	10	MCL	4	-	-	-
Barium	SW-846:6010B	ug/L	14	14	100	40.8	87.6	130	0	0	-	-	0	0	0	0	2000	MCL	4	-	-	-
Beryllium	SW-846:6010B	ug/L	11	0	0	*1*	*1*	*1*	11	100	-	-	0	0	0	0	4	MCL	4	-	-	-
Beryllium	SW-846:6020	ug/L	3	0	0	*0.1*	*0.4*	*1*	3	100	-	-	0	0	0	0	4	MCL	2	-	-	-
Boron	SW-846:6010B	ug/L	13	10	77	14.9	69.85	241	3	23	-	-	0	0	0	0	7300	Reg6	4	-	-	-
Cadmium	SW-846:6020	ug/L	14	0	0	*0.1*	*0.16714*	*1*	14	100	-	-	0	0	0	0	5	MCL	4	-	-	-
Chromium	SW-846:6010B	ug/L	3	2	67	0.867	1.1335	1.4	1	33	-	-	0	0	0	0	100	MCL	2	-	-	-
Chromium	SW-846:6020	ug/L	11	3	27	3.1	4.7	5.6	8	73	-	-	0	0	0	0	100	MCL	4	-	-	-
Cobalt	SW-846:6010B	ug/L	14	2	14	2.3	2.605	2.91	12	86	-	-	0	0	0	0	730	Reg6	4	-	-	-
Copper	SW-846:6010B	ug/L	13	5	38	3.5	3.778	4.5	8	62	-	-	0	0	0	0	1300	MCL	4	-	-	-
Iron	SW-846:6010B	ug/L	14	9	64	19	330.478	2200	5	36	-	-	0	0	0	0	25550	Reg6	4	-	-	-
Lead	SW-846:6020	ug/L	14	2	14	0.145	1.1725	2.2	12	86	-	-	0	0	0	0	15	Reg6	4	-	-	-
Manganese	SW-846:6010B	ug/L	11	4	36	3.8	12.1	20.3	7	64	-	-	0	0	0	0	1703.09	Reg6	4	-	-	-
Manganese	SW-846:6020	ug/L	3	3	100	1.3	5.33333	12	0	0	-	-	0	0	0	0	1703.09	Reg6	2	-	-	-
Mercury	EPA:245.1	ug/L	4	0	0	*0.0472*	*0.0472*	*0.0472*	4	100	-	-	0	0	0	0	2	NMGSU	2	-	-	-
Mercury	EPA:245.2	ug/L	11	0	0	*0.03*	*0.04909*	*0.06*	11	100	-	-	0	0	0	0	2	NMGSU	4	-	-	-
Mercury	SW-846:7470A	ug/L	3	0	0	*0.05*	*0.1*	*0.2*	3	100	-	-	0	0	0	0	2	NMGSU	2	-	-	-
Molybdenum	SW-846:6010B	ug/L	11	5	45	2.1	2.72	4.1	6	55	-	-	0	0	0	0	182.5	Reg6	4	-	-	-
Molybdenum	SW-846:6020	ug/L	3	3	100	2.8	4.46	6.68	0	0	-	-	0	0	0	0	182.5	Reg6	2	-	-	-
Nickel	SW-846:6010B	ug/L	3	2	67	1.5	5.145	8.79	1	33	-	-	0	0	0	0	100	MCL	2	-	-	-

Table B-1
Screening Table for Los Alamos Canyon Watershed (including Pueblo Canyon)

Analyte	Method	Units	No. of Analyses	No. of Detects	D Rate %	Min	Mean	Max	No. of Non-detects	ND Rate %	BV	D> BV	ND> Std	D> Std	D> Std/2	D>Std/2 Rate %	Level	Std Type	Locations with Data (number)	D>Std (number of locations)	D>Std/2 (number of locations)	D>Std Stations
Nickel	SW-846:6020	ug/L	11	11	100	0.67	2.36091	8.2	0	0	-	-	0	0	0	0	100	MCL	4	-	-	-
Selenium	SW-846:6010B	ug/L	7	0	0	*2.81*	*4.03429*	*6*	7	100	-	-	0	0	0	0	50	MCL	2	-	-	-
Selenium	SW-846:6020	ug/L	11	2	18	2.9	2.9	2.9	9	82	-	-	0	0	0	0	50	MCL	4	-	-	-
Silver	SW-846:6010B	ug/L	3	0	0	*1*	*2.33333*	*5*	3	100	-	-	0	0	0	0	182.5	Reg6	2	-	-	-
Silver	SW-846:6020	ug/L	11	1	9	0.2	0.2	0.2	10	91	-	-	0	0	0	0	182.5	Reg6	4	-	-	-
Strontium	SW-846:6010B	ug/L	13	13	100	74.8	193.062	304	0	0	-	-	0	0	0	0	21900	Reg6	4	-	-	-
Thallium	SW-846:6020	ug/L	14	0	0	*0.3*	*0.37857*	*0.5*	14	100	-	-	0	0	0	0	2	MCL	4	-	-	-
Tin	SW-846:6010B	ug/L	13	0	0	*2.5*	*2.80769*	*6.5*	13	100	-	-	0	0	0	0	21900	Reg6	4	-	-	-
Uranium	SW-846:6020	ug/L	11	10	91	0.21	1.271	2.8	1	9	-	-	0	0	0	0	30	MCL	4	-	-	-
Vanadium	SW-846:6010B	ug/L	14	12	86	2.1	7.56417	10.9	2	14	-	-	0	0	0	0	182.5	Reg6	4	-	-	-
Zinc	SW-846:6010B	ug/L	14	9	64	3.1	11.3667	34.3	5	36	-	-	0	0	0	0	10950	Reg6	4	-	-	-
LA, Metals, F, Alluvial																						
Aluminum	SW-846:6010B	ug/L	65	26	40	26.7	586.169	3780	39	60	-	-	0	0	1	2	5000	NMGSF	17	-	1	-
Antimony	SW-846:6020	ug/L	69	8	12	0.186	0.31638	0.432	61	88	-	-	0	0	0	0	6	MCL	17	-	-	-
Arsenic	SW-846:6010B	ug/L	48	7	15	3.18	6.52	9	41	85	-	-	0	0	6	13	10	MCL	16	-	3	-
Arsenic	SW-846:6020	ug/L	21	2	10	4.4	4.75	5.1	19	90	-	-	1	0	1	5	10	MCL	16	-	1	-
Barium	SW-846:6010B	ug/L	68	67	99	16.1	71.4627	232	1	1	-	-	0	0	0	0	1000	NMGSF	17	-	-	-
Barium	SW-846:6020	ug/L	1	1	100	36.3	36.3	36.3	0	0	-	-	0	0	0	0	1000	NMGSF	1	-	-	-
Beryllium	SW-846:6010B	ug/L	47	0	0	*0.158*	*0.75049*	*1*	47	100	-	-	0	0	0	0	4	MCL	16	-	-	-
Beryllium	SW-846:6020	ug/L	19	1	5	0.21	0.21	0.21	18	95	-	-	0	0	0	0	4	MCL	12	-	-	-
Boron	SW-846:6010B	ug/L	61	59	97	14.6	113.644	419	2	3	-	-	0	0	2	3	750	NMGSF	17	-	1	-
Cadmium	SW-846:6020	ug/L	68	11	16	0.064	0.145	0.41	57	84	-	-	0	0	0	0	5	MCL	17	-	-	-
Chromium	SW-846:6010B	ug/L	36	11	31	0.692	5.13864	16.7	25	69	-	-	0	0	0	0	50	NMGSF	13	-	-	-
Chromium	SW-846:6020	ug/L	33	16	48	1	2.1875	5.6	17	52	-	-	0	0	0	0	50	NMGSF	16	-	-	-
Cobalt	SW-846:6010B	ug/L	68	19	28	0.808	3.33989	7.3	49	72	-	-	0	0	0	0	50	NMGSF	17	-	-	-
Cobalt	SW-846:6020	ug/L	1	1	100	0.02	0.02	0.02	0	0	-	-	0	0	0	0	50	NMGSF	1	-	-	-
Copper	SW-846:6010B	ug/L	55	23	42	1.42	4.90565	15.9	32	58	-	-	0	0	0	0	1000	NMGSF	17	-	-	-
Iron	SW-846:6010B	ug/L	69	47	68	15.8	729.117	5850	22	32	-	-	0	12	14	20	1000	NMGSF	17	4	5	APCO-1, PAO-2, PAO-3, PAO-4
Lead	SW-846:6010B	ug/L	1	0	0	*5*	*5*	*5*	1	100	-	-	0	0	0	0	15	MCL	1	-	-	-
Lead	SW-846:6020	ug/L	68	14	21	0.06	0.4845	1.3	54	79	-	-	0	0	0	0	15	MCL	17	-	-	-
Manganese	SW-846:6010B	ug/L	50	27	54	2.2	909.543	5660	23	46	-	-	0	12	12	24	200	NMGSF	16	3	3	APCO-1, LAUZ-1, PAO-4
Manganese	SW-846:6020	ug/L	19	10	53	3	974.518	3670	9	47	-	-	0	5	5	26	200	NMGSF	12	3	3	APCO-1, LAUZ-1, PAO-4
Mercury	EPA:245.1	ug/L	1	0	0	*0.073*	*0.073*	*0.073*	1	100	-	-	0	0	0	0	2	MCL	1	-	-	-
Mercury	EPA:245.2	ug/L	33	0	0	*0.03*	*0.04364*	*0.06*	33	100	-	-	0	0	0	0	2	MCL	16	-	-	-
Mercury	SW-846:7470A	ug/L	20	0	0	*0.05*	*0.11*	*0.2*	20	100	-	-	0	0	0	0	2	MCL	12	-	-	-
Molybdenum	SW-846:6010B	ug/L	50	31	62	2.5	244.987	2470	19	38	-	-	0	2	5	10	1000	NMGSF	16	2	2	LAO-2, LAO-3a
Molybdenum	SW-846:6020	ug/L	19	17	89	0.735	52.9313	721	2	11	-	-	0	0	1	5	1000	NMGSF	12	-	1	-
Nickel	SW-846:6010B	ug/L	36	10	28	0.933	3.5013	7.11	26	72	-	-	0	0	0	0	100	MCL	13	-	-	-
Nickel	SW-846:6020	ug/L	33	32	97	0.69	2.91438	8.3	1	3	-	-	0	0	0	0	100	MCL	16	-	-	-
Selenium	SW-846:6010B	ug/L	22	1	5	8.3	8.3	8.3	21	95	-	-	0	0	0	0	50	NMGSF	13	-	-	-
Selenium	SW-846:6020	ug/L	31	1	3	0.71	0.71	0.71	30	97	-	-	0	0	0	0	50	NMGSF	15	-	-	-
Silver	SW-846:6010B	ug/L	35	0	0	*0.197*	*1.70634*	*5*	35	100	-	-	0	0	0	0	50	NMGSF	13	-	-	-
Silver	SW-846:6020	ug/L	34	3	9	0.2	0.33333	0.55	31	91	-	-	0	0	0	0	50	NMGSF	16	-	-	-
Strontium	SW-846:6010B	ug/L	58	57	98	88.6	166.733	507	1	2	-	-	0	0	0	0	21900	Reg6	17	-	-	-
Thallium	SW-846:6020	ug/L	69	11	16	0.016	0.36655	0.64	58	84	-	-	0	0	0	0	2	MCL	17	-	-	-
Tin	SW-846:6010B	ug/L	61	1	2	3	3	3	60	98	-	-	0	0	0	0	21900	Reg6	17	-	-	-
Uranium	SW-846:6020	ug/L	44	33	75	0.035	0.45697	3.4	11	25	-	-	0	0	0	0	30	NMGSF	16	-	-	-
Vanadium	SW-846:6010B	ug/L	69	52	75	0.731	4.38371	12.7	17	25	-	-	0	0	0	0	182.5	Reg6	17	-	-	-
Zinc	SW-846:6010B	ug/L	69	28	41	1.4	5.77071	22.8	41	59	-	-	0	0	0	0	10000	NMGSF	17	-	-	-
LA, Metals, UF, Alluvial																						
Aluminum	SW-846:6010B	ug/L	67	47	70	15.1	885.647	10400	20	30	-	-	0	0	0	0	36500	Reg6	17	-	-	-
Antimony	SW-846:6020	ug/L	68	4	6	0.138	0.26625	0.325	64	94	-	-	0	0	0	0	6	MCL	17	-	-	-
Arsenic	SW-846:6010B	ug/L	47	9	19	2.27	4.29778	7.07	38	81	-	-	0	0	3	6	10	MCL	16	-	3	-

Table B-1
Screening Table for Los Alamos Canyon Watershed (including Pueblo Canyon)

Analyte	Method	Units	No. of Analyses	No. of Detects	D Rate %	Min	Mean	Max	No. of Non-detects	ND Rate %	BV	D> BV	ND> Std	D> Std	D> Std/2	D>Std/2 Rate %	Level	Std Type	Locations with Data (number)	D>Std (number of locations)	D>Std/2 (number of locations)	D>Std Stations
Arsenic	SW-846:6020	ug/L	21	2	10	4.4	4.5	4.6	19	90	-	-	2	0	0	0	10	MCL	16	-	-	-
Barium	SW-846:6010B	ug/L	67	67	100	21.9	72.8164	234	0	0	-	-	0	0	0	0	2000	MCL	17	-	-	-
Barium	SW-846:6020	ug/L	1	1	100	37.6	37.6	37.6	0	0	-	-	0	0	0	0	2000	MCL	1	-	-	-
Beryllium	SW-846:6010B	ug/L	48	0	0	*0.158*	*0.73806*	*1*	48	100	-	-	0	0	0	0	4	MCL	16	-	-	-
Beryllium	SW-846:6020	ug/L	17	1	6	0.38	0.38	0.38	16	94	-	-	0	0	0	0	4	MCL	12	-	-	-
Boron	SW-846:6010B	ug/L	62	59	95	13	113.515	431	3	5	-	-	0	0	0	0	7300	Reg6	17	-	-	-
Cadmium	SW-846:6020	ug/L	68	21	31	0.047	0.34843	4.5	47	69	-	-	0	0	1	1	5	MCL	17	-	1	-
Chromium	SW-846:6010B	ug/L	35	20	57	0.591	4.6537	17	15	43	-	-	0	0	0	0	100	MCL	13	-	-	-
Chromium	SW-846:6020	ug/L	33	20	61	1	2.425	6.3	13	39	-	-	0	0	0	0	100	MCL	16	-	-	-
Cobalt	SW-846:6010B	ug/L	67	13	19	1.1	2.90538	6.1	54	81	-	-	0	0	0	0	730	Reg6	17	-	-	-
Cobalt	SW-846:6020	ug/L	1	1	100	0.02	0.02	0.02	0	0	-	-	0	0	0	0	730	Reg6	1	-	-	-
Copper	SW-846:6010B	ug/L	56	28	50	1.41	5.58	17.4	28	50	-	-	0	0	0	0	1300	MCL	17	-	-	-
Iron	SW-846:6010B	ug/L	68	61	90	19.2	719.68	6880	7	10	-	-	0	0	0	0	25550	Reg6	17	-	-	-
Lead	SW-846:6010B	ug/L	1	0	0	*5*	*5*	*5*	1	100	-	-	0	0	0	0	15	Reg6	1	-	-	-
Lead	SW-846:6020	ug/L	67	29	43	0.051	0.81155	7.5	38	57	-	-	0	0	0	0	15	Reg6	17	-	-	-
Manganese	SW-846:6010B	ug/L	51	33	65	2.8	798.308	5840	18	35	-	-	0	5	8	16	1703.09	Reg6	16	2	2	APCO-1, PAO-4
Manganese	SW-846:6020	ug/L	17	12	71	1.4	655.983	3810	5	29	-	-	0	2	3	18	1703.09	Reg6	12	2	2	APCO-1, PAO-4
Mercury	EPA:245.1	ug/L	16	0	0	*0.0472*	*0.04881*	*0.073*	16	100	-	-	0	0	0	0	2	NMGSU	5	-	-	-
Mercury	EPA:245.2	ug/L	33	0	0	*0.03*	*0.04364*	*0.06*	33	100	-	-	0	0	0	0	2	NMGSU	16	-	-	-
Mercury	SW-846:7470A	ug/L	18	0	0	*0.05*	*0.1*	*0.2*	18	100	-	-	0	0	0	0	2	NMGSU	12	-	-	-
Molybdenum	SW-846:6010B	ug/L	51	37	73	1.99	264.739	2480	14	27	-	-	0	11	11	22	182.5	Reg6	16	2	2	LAO-2, LAO-3a
Molybdenum	SW-846:6020	ug/L	17	16	94	0.211	56.1531	726	1	6	-	-	0	1	2	12	182.5	Reg6	12	1	2	LAO-2
Nickel	SW-846:6010B	ug/L	35	12	34	0.866	3.6155	7.73	23	66	-	-	0	0	0	0	100	MCL	13	-	-	-
Nickel	SW-846:6020	ug/L	33	31	94	0.64	3.29194	9.7	2	6	-	-	0	0	0	0	100	MCL	16	-	-	-
Selenium	SW-846:6010B	ug/L	34	1	3	3.59	3.59	3.59	33	97	-	-	0	0	0	0	50	MCL	13	-	-	-
Selenium	SW-846:6020	ug/L	31	1	3	0.34	0.34	0.34	30	97	-	-	0	0	0	0	50	MCL	15	-	-	-
Silver	SW-846:6010B	ug/L	34	1	3	1.62	1.62	1.62	33	97	-	-	0	0	0	0	182.5	Reg6	13	-	-	-
Silver	SW-846:6020	ug/L	34	3	9	0.39	0.79667	1.2	31	91	-	-	0	0	0	0	182.5	Reg6	16	-	-	-
Strontium	SW-846:6010B	ug/L	59	59	100	84.9	164.222	502	0	0	-	-	0	0	0	0	21900	Reg6	17	-	-	-
Thallium	SW-846:6020	ug/L	68	5	7	0.02	0.2932	0.72	63	93	-	-	0	0	0	0	2	MCL	17	-	-	-
Tin	SW-846:6010B	ug/L	62	0	0	*2.4*	*2.80597*	*4.6*	62	100	-	-	0	0	0	0	21900	Reg6	17	-	-	-
Uranium	SW-846:6010B	ug/L	1	0	0	*31.1*	*31.1*	*31.1*	1	100	-	-	1	0	0	0	30	MCL	1	-	-	-
Uranium	SW-846:6020	ug/L	44	34	77	0.04	0.46041	3.2	10	23	-	-	0	0	0	0	30	MCL	16	-	-	-
Vanadium	SW-846:6010B	ug/L	68	51	75	0.784	5.35478	22.7	17	25	-	-	0	0	0	0	182.5	Reg6	17	-	-	-
Zinc	SW-846:6010B	ug/L	68	40	59	1.41	8.62225	37.1	28	41	-	-	0	0	0	0	10950	Reg6	17	-	-	-
LA, Metals, F, Intermediate																						
Aluminum	SW-846:6010B	ug/L	45	2	4	72.7	79.15	85.6	43	96	-	-	0	0	0	0	5000	NMGSF	10	-	-	-
Antimony	SW-846:6020	ug/L	47	2	4	0.22	0.435	0.65	45	96	-	-	0	0	0	0	6	MCL	10	-	-	-
Arsenic	SW-846:6010B	ug/L	25	0	0	*2.24*	*5.5088*	*6*	25	100	-	-	0	0	0	0	10	MCL	9	-	-	-
Arsenic	SW-846:6020	ug/L	22	5	23	1.6	2.54	4.6	17	77	-	-	0	0	0	0	10	MCL	9	-	-	-
Barium	SW-846:6010B	ug/L	47	47	100	7.1	59.8255	204	0	0	-	-	0	0	0	0	1000	NMGSF	10	-	-	-
Beryllium	SW-846:6010B	ug/L	41	0	0	*1*	*1*	*1*	41	100	-	-	0	0	0	0	4	MCL	9	-	-	-
Beryllium	SW-846:6020	ug/L	6	0	0	*0.08*	*0.10667*	*0.2*	6	100	-	-	0	0	0	0	4	MCL	3	-	-	-
Boron	SW-846:6010B	ug/L	47	36	77	10.5	43.7528	235	11	23	-	-	0	0	0	0	750	NMGSF	10	-	-	-
Cadmium	SW-846:6020	ug/L	47	1	2	0.065	0.065	0.065	46	98	-	-	0	0	0	0	5	MCL	10	-	-	-
Chromium	SW-846:6010B	ug/L	12	8	67	1.5	2.7625	5.09	4	33	-	-	0	0	0	0	50	NMGSF	5	-	-	-
Chromium	SW-846:6020	ug/L	35	24	69	1	2.51667	8.8	11	31	-	-	0	0	0	0	50	NMGSF	9	-	-	-
Chromium hexavalent ion	SW-846:7199	ug/L	2	2	100	0.3	0.95	1.6	0	0	-	-	0	0	0	0	50	NMGSF	2	-	-	-
Cobalt	SW-846:6010B	ug/L	47	8	17	1.1	1.875	4.2	39	83	-	-	0	0	0	0	50	NMGSF	10	-	-	-
Copper	SW-846:6010B	ug/L	40	2	5	3.5	4.8	6.1	38	95	-	-	0	0	0	0	1000	NMGSF	9	-	-	-
Iron	SW-846:6010B	ug/L	47	17	36	19.2	64.7059	244	30	64	-	-	0	0	0	0	1000	NMGSF	10	-	-	-
Lead	SW-846:6020	ug/L	47	0	0	*0.05*	*0.50319*	*2*	47	100	-	-	0	0	0	0	15	MCL	10	-	-	-
Manganese	SW-846:6010B	ug/L	41	23	56	2	27.913	380	18	44	-	-	0	1	2	5	200	NMGSF	9	1	1	LAOI-3.2
Manganese	SW-846:6020	ug/L	6	5	83	5.6	17.46	50.1	1	17	-	-	0	0	0	0	200	NMGSF	3	-	-	-
Mercury	EPA:245.1	ug/L	3	0	0	*0.0472*	*0.0472*	*0.0472*	3	100	-	-	0	0	0	0	2	MCL	1	-	-	-
Mercury	EPA:245.2	ug/L	40	0	0	*0.03*	*0.0535*	*0.06*	40	100	-	-	0	0	0	0	2	MCL	9	-	-	-
Mercury	SW-846:7470A	ug/L	3	0	0	*0.05*	*0.10667*	*0.2*	3	100	-	-	0	0	0	0	2	MCL	2	-	-	-
Molybdenum	SW-846:6010B	ug/L	41	10	24	2.1	2.75	4.3	31	76	-	-	0	0	0	0	1000	NMGSF	9	-	-	-

Table B-1
Screening Table for Los Alamos Canyon Watershed (including Pueblo Canyon)

Analyte	Method	Units	No. of Analyses	No. of Detects	D Rate %	Min	Mean	Max	No. of Non-detects	ND Rate %	BV	D> BV	ND> Std	D> Std	D> Std/2	D>Std/2 Rate %	Level	Std Type	Locations with Data (number)	D>Std (number of locations)	D>Std/2 (number of locations)	D>Std Stations
Molybdenum	SW-846:6020	ug/L	6	6	100	1.3	1.745	2.1	0	0	-	-	0	0	0	0	1000	NMGSF	3	-	-	-
Nickel	SW-846:6010B	ug/L	6	3	50	1.3	4.16667	9.2	3	50	-	-	0	0	0	0	100	MCL	3	-	-	-
Nickel	SW-846:6020	ug/L	41	37	90	0.55	2.82027	10.1	4	10	-	-	0	0	0	0	100	MCL	9	-	-	-
Selenium	SW-846:6010B	ug/L	6	0	0	*2.81*	*4.70333*	*6*	6	100	-	-	0	0	0	0	50	NMGSF	3	-	-	-
Selenium	SW-846:6020	ug/L	40	0	0	*1*	*2.2375*	*2.5*	40	100	-	-	0	0	0	0	50	NMGSF	9	-	-	-
Silver	SW-846:6010B	ug/L	6	0	0	*0.835*	*1.60667*	*5*	6	100	-	-	0	0	0	0	50	NMGSF	3	-	-	-
Silver	SW-846:6020	ug/L	41	0	0	*0.2*	*0.2*	*0.2*	41	100	-	-	0	0	0	0	50	NMGSF	9	-	-	-
Strontium	SW-846:6010B	ug/L	47	47	100	33.7	157.891	329	0	0	-	-	0	0	0	0	21900	Reg6	10	-	-	-
Thallium	SW-846:6020	ug/L	47	9	19	0.26	0.47889	0.73	38	81	-	-	0	0	0	0	2	MCL	10	-	-	-
Tin	SW-846:6010B	ug/L	41	1	2	2.9	2.9	2.9	40	98	-	-	0	0	0	0	21900	Reg6	9	-	-	-
Uranium	SW-846:6020	ug/L	47	44	94	0.18	2.19841	10	3	6	-	-	0	0	0	0	30	NMGSF	10	-	-	-
Vanadium	SW-846:6010B	ug/L	47	30	64	1.2	3.48033	8.71	17	36	-	-	0	0	0	0	182.5	Reg6	10	-	-	-
Zinc	SW-846:6010B	ug/L	46	17	37	2.4	11.4941	45.7	29	63	-	-	0	0	0	0	10000	NMGSF	10	-	-	-
LA, Metals, UF, Intermediate																						
Aluminum	SW-846:6010B	ug/L	57	21	37	20.5	656.214	4750	36	63	-	-	0	0	0	0	36500	Reg6	11	-	-	-
Antimony	SW-846:6020	ug/L	60	1	2	0.16	0.16	0.16	59	98	-	-	0	0	0	0	6	MCL	11	-	-	-
Arsenic	SW-846:6010B	ug/L	38	3	8	4.37	4.64	4.8	35	92	-	-	0	0	0	0	10	MCL	10	-	-	-
Arsenic	SW-846:6020	ug/L	22	6	27	1.5	2.28333	3.4	16	73	-	-	0	0	0	0	10	MCL	9	-	-	-
Barium	SW-846:6010B	ug/L	60	60	100	11.2	64.2317	200	0	0	-	-	0	0	0	0	2000	MCL	11	-	-	-
Beryllium	SW-846:6010B	ug/L	47	0	0	*0.158*	*0.89415*	*1*	47	100	-	-	0	0	0	0	4	MCL	11	-	-	-
Beryllium	SW-846:6020	ug/L	10	1	10	0.2	0.2	0.2	9	90	-	-	0	0	0	0	4	MCL	6	-	-	-
Boron	SW-846:6010B	ug/L	59	46	78	10	52.1109	252	13	22	-	-	0	0	0	0	7300	Reg6	11	-	-	-
Cadmium	SW-846:6020	ug/L	60	2	3	0.123	0.1365	0.15	58	97	-	-	0	0	0	0	5	MCL	11	-	-	-
Chromium	SW-846:6010B	ug/L	25	18	72	0.941	6.59672	48.8	7	28	-	-	0	0	0	0	100	MCL	8	-	-	-
Chromium	SW-846:6020	ug/L	35	25	71	1	3.412	9.8	10	29	-	-	0	0	0	0	100	MCL	9	-	-	-
Cobalt	SW-846:6010B	ug/L	60	8	13	0.964	3.178	9.27	52	87	-	-	0	0	0	0	730	Reg6	11	-	-	-
Copper	SW-846:6010B	ug/L	56	16	29	1.5	4.64	11.3	40	71	-	-	0	0	0	0	1300	MCL	11	-	-	-
Iron	SW-846:6010B	ug/L	60	38	63	21.9	328.768	3650	22	37	-	-	0	0	0	0	25550	Reg6	11	-	-	-
Lead	SW-846:6020	ug/L	60	19	32	0.072	0.94458	2.55	41	68	-	-	0	0	0	0	15	Reg6	11	-	-	-
Manganese	SW-846:6010B	ug/L	50	37	74	2.2	105.681	970	13	26	-	-	0	0	1	2	1703.09	Reg6	11	-	1	-
Manganese	SW-846:6020	ug/L	10	7	70	1.4	54.0714	284	3	30	-	-	0	0	0	0	1703.09	Reg6	6	-	-	-
Mercury	EPA:245.1	ug/L	13	1	8	0.066	0.066	0.066	12	92	-	-	0	0	0	0	2	NMGSU	5	-	-	-
Mercury	EPA:245.2	ug/L	39	1	3	0.062	0.062	0.062	38	97	-	-	0	0	0	0	2	NMGSU	9	-	-	-
Mercury	SW-846:7470A	ug/L	7	0	0	*0.05*	*0.07529*	*0.2*	7	100	-	-	0	0	0	0	2	NMGSU	6	-	-	-
Molybdenum	SW-846:6010B	ug/L	50	20	40	1.68	4.6755	14.2	30	60	-	-	0	0	0	0	182.5	Reg6	11	-	-	-
Molybdenum	SW-846:6020	ug/L	10	10	100	1.3	3.328	14	0	0	-	-	0	0	0	0	182.5	Reg6	6	-	-	-
Nickel	SW-846:6010B	ug/L	19	13	68	2.2	14.5377	28.4	6	32	-	-	0	0	0	0	100	MCL	6	-	-	-
Nickel	SW-846:6020	ug/L	41	37	90	0.52	3.29676	13.8	4	10	-	-	0	0	0	0	100	MCL	9	-	-	-
Selenium	SW-846:6010B	ug/L	20	1	5	8.5	8.5	8.5	19	95	-	-	0	0	0	0	50	MCL	6	-	-	-
Selenium	SW-846:6020	ug/L	40	0	0	*1*	*2.2375*	*2.5*	40	100	-	-	0	0	0	0	50	MCL	9	-	-	-
Silver	SW-846:6010B	ug/L	19	0	0	*0.835*	*1.13421*	*5*	19	100	-	-	0	0	0	0	182.5	Reg6	6	-	-	-
Silver	SW-846:6020	ug/L	41	0	0	*0.2*	*0.2*	*0.2*	41	100	-	-	0	0	0	0	182.5	Reg6	9	-	-	-
Strontium	SW-846:6010B	ug/L	60	60	100	36.6	155.61	319	0	0	-	-	0	0	0	0	21900	Reg6	11	-	-	-
Thallium	SW-846:6020	ug/L	60	6	10	0.08	0.22017	0.4	54	90	-	-	0	0	0	0	2	MCL	11	-	-	-
Tin	SW-846:6010B	ug/L	54	0	0	*2.5*	*2.94222*	*12.5*	54	100	-	-	0	0	0	0	21900	Reg6	11	-	-	-
Uranium	SW-846:6010B	ug/L	1	0	0	*15.6*	*15.6*	*15.6*	1	100	-	-	0	0	0	0	30	MCL	1	-	-	-
Uranium	SW-846:6020	ug/L	54	51	94	0.308	2.08049	9.8	3	6	-	-	0	0	0	0	30	MCL	11	-	-	-
Vanadium	SW-846:6010B	ug/L	60	34	57	0.816	3.80818	9.4	26	43	-	-	0	0	0	0	182.5	Reg6	11	-	-	-
Zinc	SW-846:6010B	ug/L	59	40	68	1.42	13.0545	91.6	19	32	-	-	0	0	0	0	10950	Reg6	11	-	-	-
LA, Metals, F, Regional																						
Aluminum	SW-846:6010B	ug/L	53	2	4	22	68.5	115	51	96	73.5	1	0	0	0	0	5000	NMGSF	8	-	-	-
Antimony	SW-846:6020	ug/L	60	3	5	0.297	0.39567	0.56	57	95	1	-	0	0	0	0	6	MCL	8	-	-	-
Arsenic	SW-846:6010B	ug/L	43	1	2	5.79	5.79	5.79	42	98	12	-	0	0	1	2	10	MCL	8	-	1	-
Arsenic	SW-846:6020	ug/L	17	6	35	2.1	3.15	4.2	11	65	12	-	0	0	0	0	10	MCL	7	-	-	-
Barium	SW-846:6010B	ug/L	60	60	100	12.5	76.3633	209	0	0	56.83	4	0	0	0	0	1000	NMGSF	8	-	-	-
Beryllium	SW-846:6010B	ug/L	36	0	0	*1*	*1*	*1*	36	100	0.5	-	0	0	0	0	4	MCL	7	-	-	-
Beryllium	SW-846:6020	ug/L	24	1	4	0.05	0.05	0.05	23	96	0.5	-	0	0	0	0	4	MCL	6	-	-	-
Boron	SW-846:6010B	ug/L	60	53	88	4.51	33.3474	64	7	12	38.77	4	0	0	0	0	750	NMGSF	8	-	-	-
Cadmium	SW-846:6020	ug/L	60	0	0	*0.04*	*0.1025*	*1*	60	100	0.5	-	0	0	0	0	5	MCL	8	-	-	-
Chromium	SW-846:6010B	ug/L	32	27	84	0.8	3.81	9.1	5	16	5.75	1	0	0	0	0	50	NMGSF	7	-	-	-

Table B-1
Screening Table for Los Alamos Canyon Watershed (including Pueblo Canyon)

Analyte	Method	Units	No. of Analyses	No. of Detects	D Rate %	Min	Mean	Max	No. of Non-detects	ND Rate %	BV	D> BV	ND> Std	D> Std	D> Std/2	D>Std/2 Rate %	Level	Std Type	Locations with Data (number)	D>Std (number of locations)	D>Std/2 (number of locations)	D>Std Stations
Chromium	SW-846:6020	ug/L	28	21	75	1.9	4.58571	9.5	7	25	5.75	3	0	0	0	0	50	NMGSF	7	-	-	-
Cobalt	SW-846:6010B	ug/L	60	6	10	2.6	3.49667	5.1	54	90	7	-	0	0	0	0	50	NMGSF	8	-	-	-
Copper	SW-846:6010B	ug/L	51	6	12	3.8	4.6	5.1	45	88	5	1	0	0	0	0	1000	NMGSF	8	-	-	-
Iron	SW-846:6010B	ug/L	60	16	27	17.8	636.613	8750	44	73	147	1	0	1	1	2	1000	NMGSF	8	1	1	R-7
Lead	SW-846:6020	ug/L	60	3	5	0.058	3.476	10.3	57	95	2.9	1	0	0	1	2	15	MCL	8	-	1	-
Manganese	SW-846:6010B	ug/L	36	24	67	2.3	31.45	122	12	33	124	-	0	0	2	6	200	NMGSF	7	-	1	-
Manganese	SW-846:6020	ug/L	24	16	67	3.1	250.263	2320	8	33	124	1	0	4	4	17	200	NMGSF	6	2	2	R-5, R-7
Mercury	EPA:245.1	ug/L	14	0	0	*0.0472*	*0.0472*	*0.0472*	14	100	0.26	-	0	0	0	0	2	MCL	2	-	-	-
Mercury	EPA:245.2	ug/L	35	4	11	0.068	0.147	0.22	31	89	0.26	-	0	0	0	0	2	MCL	7	-	-	-
Mercury	SW-846:7470A	ug/L	10	0	0	*0.05*	*0.065*	*0.2*	10	100	0.26	-	0	0	0	0	2	MCL	4	-	-	-
Molybdenum	SW-846:6010B	ug/L	36	18	50	2	3.73333	7.4	18	50	4.4	1	0	0	0	0	1000	NMGSF	7	-	-	-
Molybdenum	SW-846:6020	ug/L	24	24	100	1.5	3.04583	11.6	0	0	4.4	2	0	0	0	0	1000	NMGSF	6	-	-	-
Nickel	SW-846:6010B	ug/L	24	10	42	1.2	7.752	27.7	14	58	50	-	0	0	0	0	100	MCL	6	-	-	-
Nickel	SW-846:6020	ug/L	36	33	92	0.64	1.43576	5.9	3	8	50	-	0	0	0	0	100	MCL	7	-	-	-
Selenium	SW-846:6010B	ug/L	24	1	4	6.9	6.9	6.9	23	96	3.93	1	0	0	0	0	50	NMGSF	6	-	-	-
Selenium	SW-846:6020	ug/L	35	0	0	*1*	*2.2*	*2.5*	35	100	3.93	-	0	0	0	0	50	NMGSF	7	-	-	-
Silver	SW-846:6010B	ug/L	24	0	0	*0.835*	*1.08979*	*5*	24	100	2.5	-	0	0	0	0	50	NMGSF	6	-	-	-
Silver	SW-846:6020	ug/L	36	0	0	*0.2*	*0.21833*	*0.71*	36	100	2.5	-	0	0	0	0	50	NMGSF	7	-	-	-
Strontium	SW-846:6010B	ug/L	60	60	100	41.6	114.84	216	0	0	540	-	0	0	0	0	21900	Reg6	8	-	-	-
Thallium	SW-846:6020	ug/L	60	12	20	0.21	0.51125	1	48	80	0.83	2	0	0	0	0	2	MCL	8	-	-	-
Tin	SW-846:6010B	ug/L	36	3	8	2.6	2.73333	3	33	92	3.6	-	0	0	0	0	21900	Reg6	7	-	-	-
Uranium	SW-846:6020	ug/L	60	58	97	0.28	1.15869	3.4	2	3	1.9	2	0	0	0	0	30	NMGSF	8	-	-	-
Vanadium	SW-846:6010B	ug/L	60	55	92	4.5	10.46	22.9	5	8	13.41	2	0	0	0	0	182.5	Reg6	8	-	-	-
Zinc	SW-846:6010B	ug/L	59	23	39	1.17	11.1665	33.1	36	61	32	1	0	0	0	0	10000	NMGSF	8	-	-	-
LA, Metals, UF, Regional																						
Aluminum	SW-846:6010B	ug/L	65	19	29	16	300.268	1270	46	71	-	-	0	0	0	0	36500	Reg6	8	-	-	-
Antimony	SW-846:6020	ug/L	72	1	1	0.33	0.33	0.33	71	99	-	-	0	0	0	0	6	MCL	8	-	-	-
Arsenic	SW-846:6010B	ug/L	55	3	5	4.7	6.34	8.12	52	95	-	-	0	0	2	4	10	MCL	8	-	2	-
Arsenic	SW-846:6020	ug/L	17	8	47	1.9	2.975	4.9	9	53	-	-	0	0	0	0	10	MCL	7	-	-	-
Barium	SW-846:6010B	ug/L	72	72	100	17.6	81.1903	204	0	0	-	-	0	0	0	0	2000	MCL	8	-	-	-
Beryllium	SW-846:6010B	ug/L	39	0	0	*0.158*	*0.93523*	*1*	39	100	-	-	0	0	0	0	4	MCL	8	-	-	-
Beryllium	SW-846:6020	ug/L	31	0	0	*0.08*	*0.09419*	*0.2*	31	100	-	-	0	0	0	0	4	MCL	7	-	-	-
Boron	SW-846:6010B	ug/L	72	63	88	5.24	33.4165	65.2	9	13	-	-	0	0	0	0	7300	Reg6	8	-	-	-
Cadmium	SW-846:6020	ug/L	72	0	0	*0.04*	*0.10431*	*1*	72	100	-	-	0	0	0	0	5	MCL	8	-	-	-
Chromium	SW-846:6010B	ug/L	44	39	89	1.2	5.35795	13.3	5	11	-	-	0	0	0	0	100	MCL	8	-	-	-
Chromium	SW-846:6020	ug/L	28	21	75	2.1	6.04286	17.1	7	25	-	-	0	0	0	0	100	MCL	7	-	-	-
Cobalt	SW-846:6010B	ug/L	72	1	1	3.23	3.23	3.23	71	99	-	-	0	0	0	0	730	Reg6	8	-	-	-
Copper	SW-846:6010B	ug/L	63	14	22	3.1	6.32857	21.4	49	78	-	-	0	0	0	0	1300	MCL	8	-	-	-
Iron	SW-846:6010B	ug/L	72	53	74	14.6	475.138	8640	19	26	-	-	0	0	0	0	25550	Reg6	8	-	-	-
Lead	SW-846:6020	ug/L	72	14	19	0.1	0.74143	1.8	58	81	-	-	0	0	0	0	15	Reg6	8	-	-	-
Manganese	SW-846:6010B	ug/L	41	32	78	2.4	100.175	1010	9	22	-	-	0	0	1	2	1703.09	Reg6	8	-	1	-
Manganese	SW-846:6020	ug/L	31	27	87	1.3	163.624	2050	4	13	-	-	0	1	1	3	1703.09	Reg6	7	1	1	R-7
Mercury	EPA:245.1	ug/L	19	0	0	*0.0472*	*0.0472*	*0.0472*	19	100	0.24	-	0	0	0	0	2	NMGSU	4	-	-	-
Mercury	EPA:245.2	ug/L	35	5	14	0.065	0.1216	0.2	30	86	0.24	-	0	0	0	0	2	NMGSU	7	-	-	-
Mercury	SW-846:7470A	ug/L	17	0	0	*0.05*	*0.05947*	*0.2*	17	100	0.24	-	0	0	0	0	2	NMGSU	7	-	-	-
Molybdenum	SW-846:6010B	ug/L	41	17	41	1.54	4.02588	8.9	24	59	-	-	0	0	0	0	182.5	Reg6	8	-	-	-
Molybdenum	SW-846:6020	ug/L	31	31	100	1.3	3.07	11.8	0	0	-	-	0	0	0	0	182.5	Reg6	7	-	-	-
Nickel	SW-846:6010B	ug/L	36	20	56	1.1	5.9775	28.3	16	44	-	-	0	0	0	0	100	MCL	7	-	-	-
Nickel	SW-846:6020	ug/L	36	35	97	0.56	1.98114	8.5	1	3	-	-	0	0	0	0	100	MCL	7	-	-	-
Selenium	SW-846:6010B	ug/L	36	4	11	5.4	6.275	7.2	32	89	4.99	2	0	0	0	0	50	MCL	7	-	-	-
Selenium	SW-846:6020	ug/L	36	1	3	1	1	1	35	97	4.99	-	0	0	0	0	50	MCL	7	-	-	-
Silver	SW-846:6010B	ug/L	36	0	0	*0.835*	*1.04528*	*5*	36	100	2.5	-	0	0	0	0	182.5	Reg6	7	-	-	-
Silver	SW-846:6020	ug/L	36	0	0	*0.2*	*0.21306*	*0.67*	36	100	2.5	-	0	0	0	0	182.5	Reg6	7	-	-	-
Strontium	SW-846:6010B	ug/L	72	72	100	38.1	116.901	219	0	0	-	-	0	0	0	0	21900	Reg6	8	-	-	-
Thallium	SW-846:6020	ug/L	72	6	8	0.02	0.11967	0.287	66	92	-	-	0	0	0	0	2	MCL	8	-	-	-
Tin	SW-846:6010B	ug/L	48	0	0	*2.5*	*2.65*	*4.5*	48	100	-	-	0	0	0	0	21900	Reg6	8	-	-	-
Titanium	SW-846:6010B	ug/L	1	0	0	*0.325*	*0.325*	*0.325*	1	100	-	-	0	0	0	0	-	-	1	-	-	-
Uranium	SW-846:6020	ug/L	64	62	97	0.083	1.17369	3.5	2	3	-	-	0	0	0	0	30	MCL	8	-	-	-
Vanadium	SW-846:6010B	ug/L	72	65	90	0.896	10.0232	22.3	7	10	-	-	0	0	0	0	182.5	Reg6	8	-	-	-
Zinc	SW-846:6010B	ug/L	71	37	52	1	16.0257	49.3	34	48	-	-	0	0	0	0	10950	Reg6	8	-	-	-

Table B-1
Screening Table for Los Alamos Canyon Watershed (including Pueblo Canyon)

Analyte	Method	Units	No. of Analyses	No. of Detects	D Rate %	Min	Mean	Max	No. of Non-detects	ND Rate %	BV	D> BV	ND> Std	D> Std	D> Std/2	D>Std/2 Rate %	Level	Std Type	Locations with Data (number)	D>Std (number of locations)	D>Std/2 (number of locations)	D>Std Stations
LA, Dioxin/Furans, UF, Ephemeral																						
Heptachlorodibenzodioxin[1,2,3,4,6,7,8-]	EPA:1613B	ug/L	3	1	33	3.1E-05	3.1E-05	3.1E-05	2	67	-	-	0	0	0	0	-	-	2	-	-	-
Heptachlorodibenzodioxin[1,2,3,4,6,7,8-]	SW-846:8290	ug/L	6	5	83	3E-06	4.9E-05	0.00017	1	17	-	-	0	0	0	0	-	-	2	-	-	-
Heptachlorodibenzodioxins (Total)	EPA:1613B	ug/L	1	1	100	6.1E-05	6.1E-05	6.1E-05	0	0	-	-	0	0	0	0	-	-	1	-	-	-
Heptachlorodibenzodioxins (Total)	SW-846:8290	ug/L	6	5	83	3E-06	0.0001	0.00035	1	17	-	-	0	0	0	0	-	-	2	-	-	-
Heptachlorodibenzofuran[1,2,3,4,6,7,8-]	EPA:1613B	ug/L	3	1	33	8.5E-06	8.5E-06	8.5E-06	2	67	-	-	0	0	0	0	-	-	2	-	-	-
Heptachlorodibenzofuran[1,2,3,4,6,7,8-]	SW-846:8290	ug/L	6	3	50	7.8E-06	2.4E-05	5.3E-05	3	50	-	-	0	0	0	0	-	-	2	-	-	-
Heptachlorodibenzofuran[1,2,3,4,7,8,9-]	EPA:1613B	ug/L	3	0	0	*1.7E-06*	*3.9E-05*	*5.8E-05*	3	100	-	-	0	0	0	0	-	-	2	-	-	-
Heptachlorodibenzofuran[1,2,3,4,7,8,9-]	SW-846:8290	ug/L	6	1	17	2.5E-06	2.5E-06	2.5E-06	5	83	-	-	0	0	0	0	-	-	2	-	-	-
Heptachlorodibenzofurans (Total)	EPA:1613B	ug/L	1	1	100	2E-05	2E-05	2E-05	0	0	-	-	0	0	0	0	-	-	1	-	-	-
Heptachlorodibenzofurans (Total)	SW-846:8290	ug/L	6	4	67	2.3E-06	2.7E-05	8.7E-05	2	33	-	-	0	0	0	0	-	-	2	-	-	-
Hexachlorodibenzodioxin[1,2,3,4,7,8-]	EPA:1613B	ug/L	3	0	0	*2.1E-06*	*3.9E-05*	*5.8E-05*	3	100	-	-	0	0	0	0	-	-	2	-	-	-
Hexachlorodibenzodioxin[1,2,3,4,7,8-]	SW-846:8290	ug/L	6	1	17	2.8E-06	2.8E-06	2.8E-06	5	83	-	-	0	0	0	0	-	-	2	-	-	-
Hexachlorodibenzodioxin[1,2,3,6,7,8-]	EPA:1613B	ug/L	3	0	0	*4.1E-06*	*3.9E-05*	*5.8E-05*	3	100	-	-	0	0	0	0	-	-	2	-	-	-
Hexachlorodibenzodioxin[1,2,3,6,7,8-]	SW-846:8290	ug/L	6	1	17	9.5E-06	9.5E-06	9.5E-06	5	83	-	-	0	0	0	0	-	-	2	-	-	-
Hexachlorodibenzodioxin[1,2,3,7,8,9-]	EPA:1613B	ug/L	3	0	0	*3.3E-06*	*3.9E-05*	*5.8E-05*	3	100	-	-	0	0	0	0	-	-	2	-	-	-
Hexachlorodibenzodioxin[1,2,3,7,8,9-]	SW-846:8290	ug/L	6	1	17	5.1E-06	5.1E-06	5.1E-06	5	83	-	-	0	0	0	0	-	-	2	-	-	-
Hexachlorodibenzodioxins (Total)	EPA:1613B	ug/L	1	1	100	2.4E-06	2.4E-06	2.4E-06	0	0	-	-	0	0	0	0	-	-	1	-	-	-
Hexachlorodibenzodioxins (Total)	SW-846:8290	ug/L	6	2	33	9.2E-06	4E-05	7.1E-05	4	67	-	-	0	0	0	0	-	-	2	-	-	-
Hexachlorodibenzofuran[1,2,3,4,7,8-]	EPA:1613B	ug/L	3	0	0	*1.6E-06*	*3.9E-05*	*5.8E-05*	3	100	-	-	0	0	0	0	-	-	2	-	-	-
Hexachlorodibenzofuran[1,2,3,4,7,8-]	SW-846:8290	ug/L	5	1	20	4.4E-06	4.4E-06	4.4E-06	4	80	-	-	0	0	0	0	-	-	2	-	-	-
Hexachlorodibenzofuran[1,2,3,6,7,8-]	EPA:1613B	ug/L	3	0	0	*1.2E-06*	*3.8E-05*	*5.8E-05*	3	100	-	-	0	0	0	0	-	-	2	-	-	-
Hexachlorodibenzofuran[1,2,3,6,7,8-]	SW-846:8290	ug/L	6	1	17	2.9E-06	2.9E-06	2.9E-06	5	83	-	-	0	0	0	0	-	-	2	-	-	-
Hexachlorodibenzofuran[1,2,3,7,8,9-]	EPA:1613B	ug/L	3	0	0	*1.8E-06*	*3.9E-05*	*5.8E-05*	3	100	-	-	0	0	0	0	-	-	2	-	-	-
Hexachlorodibenzofuran[1,2,3,7,8,9-]	SW-846:8290	ug/L	6	0	0	*9.3E-07*	*2E-06*	*3.6E-06*	6	100	-	-	0	0	0	0	-	-	2	-	-	-
Hexachlorodibenzofuran[2,3,4,6,7,8-]	EPA:1613B	ug/L	3	0	0	*1.3E-06*	*3.8E-05*	*5.8E-05*	3	100	-	-	0	0	0	0	-	-	2	-	-	-
Hexachlorodibenzofuran[2,3,4,6,7,8-]	SW-846:8290	ug/L	6	3	50	8.4E-07	1.9E-06	3.7E-06	3	50	-	-	0	0	0	0	-	-	2	-	-	-
Hexachlorodibenzofurans (Total)	EPA:1613B	ug/L	1	1	100	8.7E-06	8.7E-06	8.7E-06	0	0	-	-	0	0	0	0	-	-	1	-	-	-
Hexachlorodibenzofurans (Total)	SW-846:8290	ug/L	6	3	50	2.7E-06	1.6E-05	3.3E-05	3	50	-	-	0	0	0	0	-	-	2	-	-	-
Octachlorodibenzodioxin[1,2,3,4,6,7,8,9-]	EPA:1613B	ug/L	3	2	67	0.00017	0.00023	0.00029	1	33	-	-	0	0	0	0	-	-	2	-	-	-
Octachlorodibenzodioxin[1,2,3,4,6,7,8,9-]	SW-846:8290	ug/L	6	5	83	4.9E-06	0.00051	0.00201	1	17	-	-	0	0	0	0	-	-	2	-	-	-
Octachlorodibenzofuran[1,2,3,4,6,7,8,9-]	EPA:1613B	ug/L	3	1	33	1.5E-05	1.5E-05	1.5E-05	2	67	-	-	0	0	0	0	-	-	2	-	-	-
Octachlorodibenzofuran[1,2,3,4,6,7,8,9-]	SW-846:8290	ug/L	6	4	67	4.5E-06	3.8E-05	0.00012	2	33	-	-	0	0	0	0	-	-	2	-	-	-
Pentachlorodibenzodioxin[1,2,3,7,8-]	EPA:1613B	ug/L	3	0	0	*1.4E-06*	*3.8E-05*	*5.8E-05*	3	100	-	-	0	0	0	0	-	-	2	-	-	-
Pentachlorodibenzodioxin[1,2,3,7,8-]	SW-846:8290	ug/L	6	1	17	5.5E-06	5.5E-06	5.5E-06	5	83	-	-	0	0	0	0	-	-	2	-	-	-
Pentachlorodibenzodioxins (Total)	EPA:1613B	ug/L	1	0	0	*1.8E-06*	*1.8E-06*	*1.8E-06*	1	100	-	-	0	0	0	0	-	-	1	-	-	-
Pentachlorodibenzodioxins (Total)	SW-846:8290	ug/L	6	2	33	4.9E-06	8.9E-05	0.00017	4	67	-	-	0	0	0	0	-	-	2	-	-	-
Pentachlorodibenzofuran[1,2,3,7,8-]	EPA:1613B	ug/L	3	0	0	*1.4E-06*	*3.8E-05*	*5.8E-05*	3	100	-	-	0	0	0	0	-	-	2	-	-	-
Pentachlorodibenzofuran[1,2,3,7,8-]	SW-846:8290	ug/L	6	1	17	2.9E-06	2.9E-06	2.9E-06	5	83	-	-	0	0	0	0	-	-	2	-	-	-
Pentachlorodibenzofuran[2,3,4,7,8-]	EPA:1613B	ug/L	3	0	0	*2E-06*	*3.9E-05*	*5.8E-05*	3	100	-	-	0	0	0	0	-	-	2	-	-	-
Pentachlorodibenzofuran[2,3,4,7,8-]	SW-846:8290	ug/L	4	1	25	3.7E-06	3.7E-06	3.7E-06	3	75	-	-	0	0	0	0	-	-	2	-	-	-
Pentachlorodibenzofurans (Totals)	EPA:1613B	ug/L	1	1	100	4.4E-06	4.4E-06	4.4E-06	0	0	-	-	0	0	0	0	-	-	1	-	-	-
Pentachlorodibenzofurans (Totals)	SW-846:8290	ug/L	6	3	50	8E-07	1.7E-05	4.6E-05	3	50	-	-	0	0	0	0	-	-	2	-	-	-
Tetrachlorodibenzodioxin[2,3,7,8-]	EPA:1613B	ug/L	3	0	0	*9.5E-07*	*8E-06*	*1.2E-05*	3	100	-	-	0	0	0	0	-	-	2	-	-	-
Tetrachlorodibenzodioxin[2,3,7,8-]	SW-846:8290	ug/L	6	0	0	*1E-06*	*2E-06*	*3.1E-06*	6	100	-	-	0	0	0	0	-	-	2	-	-	-
Tetrachlorodibenzodioxins (Total)	EPA:1613B	ug/L	1	0	0	*9.5E-07*	*9.5E-07*	*9.5E-07*	1	100	-	-	0	0	0	0	-	-	1	-	-	-
Tetrachlorodibenzodioxins (Total)	SW-846:8290	ug/L	6	3	50	1.6E-05	8.3E-05	0.00019	3	50	-	-	0	0	0	0	-	-	2	-	-	-
Tetrachlorodibenzofuran[2,3,7,8-]	EPA:1613B	ug/L	3	0	0	*2.3E-06*	*8.4E-06*	*1.2E-05*	3	100	-	-	0	0	0	0	-	-	2	-	-	-
Tetrachlorodibenzofuran[2,3,7,8-]	SW-846:8290	ug/L	5	1	20	2.6E-06	2.6E-06	2.6E-06	4	80	-	-	0	0	0	0	-	-	2	-	-	-
Tetrachlorodibenzofurans (Totals)	EPA:1613B	ug/L	1	0	0	*2.3E-06*	*2.3E-06*	*2.3E-06*	1	100	-	-	0	0	0	0	-	-	1	-	-	-
Tetrachlorodibenzofurans (Totals)	SW-846:8290	ug/L	6	2	33	2.6E-06	5.1E-05	9.9E-05	4	67	-	-	0	0	0	0	-	-	2	-	-	-
LA, Dioxin/Furans, UF, Perennial																						
Heptachlorodibenzodioxin[1,2,3,4,6,7,8-]	SW-846:8290	ug/L	3	3	100	9.9E-06	0.00025	0.00073	0	0	-	-	0	0	0	0	-	-	1	-	-	-
Heptachlorodibenzodioxins (Total)	SW-846:8290	ug/L	4	4	100	1.7E-05	0.0003	0.00112	0	0	-	-	0	0	0	0	-	-	1	-	-	-
Heptachlorodibenzofuran[1,2,3,4,6,7,8-]	SW-846:8290	ug/L	3	3	100	4.9E-06	8.3E-05	0.00024	0	0	-	-	0	0	0	0	-	-	1	-	-	-
Heptachlorodibenzofuran[1,2,3,4,7,8,9-]	SW-846:8290	ug/L	4	2	50	2.2E-06	1.1E-05	1.9E-05	2	50	-	-	0	0	0	0	-	-	1	-	-	-
Heptachlorodibenzofurans (Total)	SW-846:8290	ug/L	4	3	75	9.2E-06	0.00025	0.00073	1	25	-	-	0	0	0	0	-	-	1	-	-	-
Hexachlorodibenzodioxin[1,2,3,4,7,8-]	SW-846:8290	ug/L	4	2	50	2.5E-06	3.1E-06	3.7E-06	2	50	-	-	0	0	0	0	-	-	1	-	-	-
Hexachlorodibenzodioxin[1,2,3,6,7,8-]	SW-846:8290	ug/L	4	2	50	2.9E-06	1.5E-05	2.7E-05	2	50	-	-	0	0	0	0	-	-	1	-	-	-
Hexachlorodibenzodioxin[1,2,3,7,8,9-]	SW-846:8290	ug/L	4	2	50	2.3E-06	4.9E-06	7.5E-06	2	50	-	-	0	0	0	0	-	-	1	-	-	-

Table B-1
Screening Table for Los Alamos Canyon Watershed (including Pueblo Canyon)

Analyte	Method	Units	No. of Analyses	No. of Detects	D Rate %	Min	Mean	Max	No. of Non-detects	ND Rate %	BV	D> BV	ND> Std	D> Std	D> Std/2	D>Std/2 Rate %	Level	Std Type	Locations with Data (number)	D>Std (number of locations)	D>Std/2 (number of locations)	D>Std Stations
Hexachlorodibenzodioxins (Total)	SW-846:8290	ug/L	4	2	50	7.7E-06	4.6E-05	8.4E-05	2	50	-	-	0	0	0	0	-	-	1	-	-	-
Hexachlorodibenzofuran[1,2,3,4,7,8-]	SW-846:8290	ug/L	4	3	75	3.3E-06	5.7E-06	9.2E-06	1	25	-	-	0	0	0	0	-	-	1	-	-	-
Hexachlorodibenzofuran[1,2,3,6,7,8-]	SW-846:8290	ug/L	3	1	33	6.1E-06	6.1E-06	6.1E-06	2	67	-	-	0	0	0	0	-	-	1	-	-	-
Hexachlorodibenzofuran[1,2,3,7,8,9-]	SW-846:8290	ug/L	4	0	0	*8.3E-07*	*1.8E-06*	*2.4E-06*	4	100	-	-	0	0	0	0	-	-	1	-	-	-
Hexachlorodibenzofuran[2,3,4,6,7,8-]	SW-846:8290	ug/L	4	2	50	2.6E-06	6.4E-06	1E-05	2	50	-	-	0	0	0	0	-	-	1	-	-	-
Hexachlorodibenzofurans (Total)	SW-846:8290	ug/L	4	4	100	2.5E-06	5.8E-05	0.00021	0	0	-	-	0	0	0	0	-	-	1	-	-	-
Octachlorodibenzodioxin[1,2,3,4,6,7,8,9-]	SW-846:8290	ug/L	4	4	100	6E-05	0.00119	0.00435	0	0	-	-	0	0	0	0	-	-	1	-	-	-
Octachlorodibenzofuran[1,2,3,4,6,7,8,9-]	SW-846:8290	ug/L	4	4	100	5.4E-06	0.00017	0.00065	0	0	-	-	0	0	0	0	-	-	1	-	-	-
Pentachlorodibenzodioxin[1,2,3,7,8-]	SW-846:8290	ug/L	4	0	0	*1.4E-06*	*2.2E-06*	*4.3E-06*	4	100	-	-	0	0	0	0	-	-	1	-	-	-
Pentachlorodibenzodioxins (Total)	SW-846:8290	ug/L	4	3	75	1.6E-06	6.8E-06	1.4E-05	1	25	-	-	0	0	0	0	-	-	1	-	-	-
Pentachlorodibenzofuran[1,2,3,7,8-]	SW-846:8290	ug/L	3	2	67	4.9E-06	7.7E-06	1E-05	1	33	-	-	0	0	0	0	-	-	1	-	-	-
Pentachlorodibenzofuran[2,3,4,7,8-]	SW-846:8290	ug/L	4	1	25	7.6E-06	7.6E-06	7.6E-06	3	75	-	-	0	0	0	0	-	-	1	-	-	-
Pentachlorodibenzofurans (Totals)	SW-846:8290	ug/L	4	3	75	3.8E-06	2E-05	3.8E-05	1	25	-	-	0	0	0	0	-	-	1	-	-	-
Tetrachlorodibenzodioxin[2,3,7,8-]	SW-846:8290	ug/L	3	1	33	2.9E-06	2.9E-06	2.9E-06	2	67	-	-	2	1	1	33	0.000000051	HHPU	1	1	1	Pueblo above SR-502
Tetrachlorodibenzodioxins (Total)	SW-846:8290	ug/L	4	4	100	1.1E-06	2.9E-05	5.7E-05	0	0	-	-	0	0	0	0	-	-	1	-	-	-
Tetrachlorodibenzofuran[2,3,7,8-]	SW-846:8290	ug/L	3	2	67	2.7E-06	3.1E-06	3.4E-06	1	33	-	-	0	0	0	0	-	-	1	-	-	-
Tetrachlorodibenzofurans (Totals)	SW-846:8290	ug/L	4	3	75	2.7E-06	3.7E-06	5E-06	1	25	-	-	0	0	0	0	-	-	1	-	-	-
LA, Dioxin/Furans, UF, Springs																						
Heptachlorodibenzodioxin[1,2,3,4,6,7,8-]	SW-846:8290	ug/L	7	0	0	*6.2E-07*	*1.8E-06*	*3E-06*	7	100	-	-	0	0	0	0	-	-	3	-	-	-
Heptachlorodibenzodioxins (Total)	SW-846:8290	ug/L	8	0	0	*5.3E-07*	*1.8E-06*	*3E-06*	8	100	-	-	0	0	0	0	-	-	3	-	-	-
Heptachlorodibenzofuran[1,2,3,4,6,7,8-]	SW-846:8290	ug/L	8	0	0	*3.2E-07*	*1.2E-06*	*2.7E-06*	8	100	-	-	0	0	0	0	-	-	3	-	-	-
Heptachlorodibenzofuran[1,2,3,4,7,8,9-]	SW-846:8290	ug/L	8	0	0	*3.1E-07*	*1.1E-06*	*2.7E-06*	8	100	-	-	0	0	0	0	-	-	3	-	-	-
Heptachlorodibenzofurans (Total)	SW-846:8290	ug/L	8	0	0	*3.1E-07*	*1.2E-06*	*2.7E-06*	8	100	-	-	0	0	0	0	-	-	3	-	-	-
Hexachlorodibenzodioxin[1,2,3,4,7,8-]	SW-846:8290	ug/L	8	0	0	*6.7E-07*	*1.6E-06*	*2.7E-06*	8	100	-	-	0	0	0	0	-	-	3	-	-	-
Hexachlorodibenzodioxin[1,2,3,6,7,8-]	SW-846:8290	ug/L	8	0	0	*7.4E-07*	*1.6E-06*	*2.7E-06*	8	100	-	-	0	0	0	0	-	-	3	-	-	-
Hexachlorodibenzodioxin[1,2,3,7,8,9-]	SW-846:8290	ug/L	8	0	0	*6.9E-07*	*1.5E-06*	*2.7E-06*	8	100	-	-	0	0	0	0	0.000108438	Reg6	3	-	-	-
Hexachlorodibenzodioxins (Total)	SW-846:8290	ug/L	8	0	0	*7E-07*	*1.6E-06*	*2.9E-06*	8	100	-	-	0	0	0	0	-	-	3	-	-	-
Hexachlorodibenzofuran[1,2,3,4,7,8-]	SW-846:8290	ug/L	8	0	0	*2E-07*	*9.8E-07*	*2.7E-06*	8	100	-	-	0	0	0	0	-	-	3	-	-	-
Hexachlorodibenzofuran[1,2,3,6,7,8-]	SW-846:8290	ug/L	8	0	0	*2E-07*	*9.9E-07*	*2.7E-06*	8	100	-	-	0	0	0	0	-	-	3	-	-	-
Hexachlorodibenzofuran[1,2,3,7,8,9-]	SW-846:8290	ug/L	8	0	0	*2.9E-07*	*1.1E-06*	*2.7E-06*	8	100	-	-	0	0	0	0	-	-	3	-	-	-
Hexachlorodibenzofuran[2,3,4,6,7,8-]	SW-846:8290	ug/L	8	0	0	*2.2E-07*	*1E-06*	*2.7E-06*	8	100	-	-	0	0	0	0	-	-	3	-	-	-
Hexachlorodibenzofurans (Total)	SW-846:8290	ug/L	8	0	0	*2.3E-07*	*1E-06*	*2.7E-06*	8	100	-	-	0	0	0	0	-	-	3	-	-	-
Octachlorodibenzodioxin[1,2,3,4,6,7,8,9-]	SW-846:8290	ug/L	8	0	0	*2E-06*	*5.8E-06*	*1.4E-05*	8	100	-	-	0	0	0	0	-	-	3	-	-	-
Octachlorodibenzofuran[1,2,3,4,6,7,8,9-]	SW-846:8290	ug/L	8	0	0	*5.1E-07*	*2.3E-06*	*5.4E-06*	8	100	-	-	0	0	0	0	-	-	3	-	-	-
Pentachlorodibenzodioxin[1,2,3,7,8-]	SW-846:8290	ug/L	8	0	0	*5.2E-07*	*1.5E-06*	*2.7E-06*	8	100	-	-	0	0	0	0	-	-	3	-	-	-
Pentachlorodibenzodioxins (Total)	SW-846:8290	ug/L	8	0	0	*5.4E-07*	*1.5E-06*	*2.7E-06*	8	100	-	-	0	0	0	0	-	-	3	-	-	-
Pentachlorodibenzofuran[1,2,3,7,8-]	SW-846:8290	ug/L	8	0	0	*4.2E-07*	*1.1E-06*	*2.6E-06*	8	100	-	-	0	0	0	0	-	-	3	-	-	-
Pentachlorodibenzofuran[2,3,4,7,8-]	SW-846:8290	ug/L	8	1	13	9.7E-07	9.7E-07	9.7E-07	7	88	-	-	0	0	0	0	-	-	3	-	-	-
Pentachlorodibenzofurans (Totals)	SW-846:8290	ug/L	8	1	13	2.1E-06	2.1E-06	2.1E-06	7	88	-	-	0	0	0	0	-	-	3	-	-	-
Tetrachlorodibenzodioxin[2,3,7,8-]	SW-846:8290	ug/L	8	0	0	*5.7E-07*	*1.6E-06*	*4.4E-06*	8	100	-	-	0	0	0	0	0.00003	MCL	3	-	-	-
Tetrachlorodibenzodioxins (Total)	SW-846:8290	ug/L	8	0	0	*5.7E-07*	*1.6E-06*	*4.4E-06*	8	100	-	-	0	0	0	0	-	-	3	-	-	-
Tetrachlorodibenzofuran[2,3,7,8-]	SW-846:8290	ug/L	8	0	0	*3.1E-07*	*9.5E-07*	*2.3E-06*	8	100	-	-	0	0	0	0	-	-	3	-	-	-
Tetrachlorodibenzofurans (Totals)	SW-846:8290	ug/L	8	0	0	*3.1E-07*	*9.5E-07*	*2.3E-06*	8	100	-	-	0	0	0	0	-	-	3	-	-	-
LA, Dioxin/Furans, UF, Alluvial																						
Heptachlorodibenzodioxin[1,2,3,4,6,7,8-]	SW-846:8290	ug/L	5	1	20	5.6E-06	5.6E-06	5.6E-06	4	80	-	-	0	0	0	0	-	-	2	-	-	-
Heptachlorodibenzodioxins (Total)	SW-846:8290	ug/L	7	3	43	1.9E-06	7.4E-06	1.8E-05	4	57	-	-	0	0	0	0	-	-	2	-	-	-
Heptachlorodibenzofuran[1,2,3,4,6,7,8-]	SW-846:8290	ug/L	7	2	29	4E-06	1.3E-05	2.1E-05	5	71	-	-	0	0	0	0	-	-	2	-	-	-
Heptachlorodibenzofuran[1,2,3,4,7,8,9-]	SW-846:8290	ug/L	7	0	0	*5E-07*	*1.9E-06*	*2.7E-06*	7	100	-	-	0	0	0	0	-	-	2	-	-	-
Heptachlorodibenzofurans (Total)	SW-846:8290	ug/L	7	4	57	2.7E-06	7.7E-06	2.1E-05	3	43	-	-	0	0	0	0	-	-	2	-	-	-
Hexachlorodibenzodioxin[1,2,3,4,7,8-]	SW-846:8290	ug/L	7	0	0	*8.6E-07*	*2E-06*	*2.7E-06*	7	100	-	-	0	0	0	0	-	-	2	-	-	-
Hexachlorodibenzodioxin[1,2,3,6,7,8-]	SW-846:8290	ug/L	7	0	0	*9.5E-07*	*2.1E-06*	*3.1E-06*	7	100	-	-	0	0	0	0	-	-	2	-	-	-
Hexachlorodibenzodioxin[1,2,3,7,8,9-]	SW-846:8290	ug/L	7	0	0	*8.8E-07*	*2E-06*	*2.9E-06*	7	100	-	-	0	0	0	0	0.000108438	Reg6	2	-	-	-
Hexachlorodibenzodioxins (Total)	SW-846:8290	ug/L	7	0	0	*8.9E-07*	*2.1E-06*	*3.1E-06*	7	100	-	-	0	0	0	0	-	-	2	-	-	-
Hexachlorodibenzofuran[1,2,3,4,7,8-]	SW-846:8290	ug/L	7	2	29	1.2E-06	4.1E-06	6.9E-06	5	71	-	-	0	0	0	0	-	-	2	-	-	-
Hexachlorodibenzofuran[1,2,3,6,7,8-]	SW-846:8290	ug/L	6	0	0	*6.3E-07*	*1.4E-06*	*2.7E-06*	6	100	-	-	0	0	0	0	-	-	2	-	-	-
Hexachlorodibenzofuran[1,2,3,7,8,9-]	SW-846:8290	ug/L	7	0	0	*3E-07*	*1.7E-06*	*2.7E-06*	7	100	-	-	0	0	0	0	-	-	2	-	-	-
Hexachlorodibenzofuran[2,3,4,6,7,8-]	SW-846:8290	ug/L	7	0	0	*2.4E-07*	*1.4E-06*	*2.7E-06*	7	100	-	-	0	0	0	0	-	-	2	-	-	-
Hexachlorodibenzofurans (Total)	SW-846:8290	ug/L	7	2	29	1.2E-06	8.4E-06	1.6E-05	5	71	-	-	0	0	0	0	-	-	2	-	-	-
Octachlorodibenzodioxin[1,2,3,4,6,7,8,9-]	SW-846:8290	ug/L	7	2	29	9.2E-06	1E-05	1.1E-05	5	71	-	-	0	0	0	0	-	-	2	-	-	-

Table B-1
Screening Table for Los Alamos Canyon Watershed (including Pueblo Canyon)

Analyte	Method	Units	No. of Analyses	No. of Detects	D Rate %	Min	Mean	Max	No. of Non-detects	ND Rate %	BV	D> BV	ND> Std	D> Std	D> Std/2	D>Std/2 Rate %	Level	Std Type	Locations with Data (number)	D>Std (number of locations)	D>Std/2 (number of locations)	D>Std Stations
Octachlorodibenzofuran[1,2,3,4,6,7,8,9-]	SW-846:8290	ug/L	6	2	33	4.1E-06	1.1E-05	1.7E-05	4	67	-	-	0	0	0	0	-	-	2	-	-	-
Pentachlorodibenzodioxin[1,2,3,7,8-]	SW-846:8290	ug/L	7	0	0	*4.6E-07*	*1.5E-06*	*2.7E-06*	7	100	-	-	0	0	0	0	-	-	2	-	-	-
Pentachlorodibenzodioxins (Total)	SW-846:8290	ug/L	7	0	0	*4.6E-07*	*1.7E-06*	*2.7E-06*	7	100	-	-	0	0	0	0	-	-	2	-	-	-
Pentachlorodibenzofuran[1,2,3,7,8-]	SW-846:8290	ug/L	6	0	0	*8.7E-07*	*1.6E-06*	*2.7E-06*	6	100	-	-	0	0	0	0	-	-	2	-	-	-
Pentachlorodibenzofuran[2,3,4,7,8-]	SW-846:8290	ug/L	6	0	0	*8.5E-07*	*1.6E-06*	*2.7E-06*	6	100	-	-	0	0	0	0	-	-	2	-	-	-
Pentachlorodibenzofurans (Totals)	SW-846:8290	ug/L	7	3	43	6.9E-07	3.7E-06	9.5E-06	4	57	-	-	0	0	0	0	-	-	2	-	-	-
Tetrachlorodibenzodioxin[2,3,7,8-]	SW-846:8290	ug/L	7	0	0	*8.1E-07*	*2.1E-06*	*4.8E-06*	7	100	-	-	0	0	0	0	0.00003	MCL	2	-	-	-
Tetrachlorodibenzodioxins (Total)	SW-846:8290	ug/L	7	0	0	*8.1E-07*	*2.1E-06*	*4.8E-06*	7	100	-	-	0	0	0	0	-	-	2	-	-	-
Tetrachlorodibenzofuran[2,3,7,8-]	SW-846:8290	ug/L	7	0	0	*5.5E-07*	*1.4E-06*	*2.8E-06*	7	100	-	-	0	0	0	0	-	-	2	-	-	-
Tetrachlorodibenzofurans (Totals)	SW-846:8290	ug/L	7	1	14	1E-05	1E-05	1E-05	6	86	-	-	0	0	0	0	-	-	2	-	-	-
LA, Dioxin/Furans, UF, Intermediate																						
Heptachlorodibenzodioxin[1,2,3,4,6,7,8-]	SW-846:8290	ug/L	2	0	0	*1.7E-06*	*2.8E-06*	*3.9E-06*	2	100	-	-	0	0	0	0	-	-	1	-	-	-
Heptachlorodibenzodioxins (Total)	SW-846:8290	ug/L	2	0	0	*1.7E-06*	*2.8E-06*	*3.9E-06*	2	100	-	-	0	0	0	0	-	-	1	-	-	-
Heptachlorodibenzofuran[1,2,3,4,6,7,8-]	SW-846:8290	ug/L	2	0	0	*8.4E-07*	*1.1E-06*	*1.3E-06*	2	100	-	-	0	0	0	0	-	-	1	-	-	-
Heptachlorodibenzofuran[1,2,3,4,7,8,9-]	SW-846:8290	ug/L	2	0	0	*1.1E-06*	*1.6E-06*	*2.1E-06*	2	100	-	-	0	0	0	0	-	-	1	-	-	-
Heptachlorodibenzofurans (Total)	SW-846:8290	ug/L	2	0	0	*9.4E-07*	*1.3E-06*	*1.7E-06*	2	100	-	-	0	0	0	0	-	-	1	-	-	-
Hexachlorodibenzodioxin[1,2,3,4,7,8-]	SW-846:8290	ug/L	2	0	0	*1.2E-06*	*1.7E-06*	*2.2E-06*	2	100	-	-	0	0	0	0	-	-	1	-	-	-
Hexachlorodibenzodioxin[1,2,3,6,7,8-]	SW-846:8290	ug/L	2	0	0	*1.3E-06*	*1.3E-06*	*1.3E-06*	2	100	-	-	0	0	0	0	-	-	1	-	-	-
Hexachlorodibenzodioxin[1,2,3,7,8,9-]	SW-846:8290	ug/L	2	0	0	*1.2E-06*	*1.2E-06*	*1.2E-06*	2	100	-	-	0	0	0	0	0.000108438	Reg6	1	-	-	-
Hexachlorodibenzodioxins (Total)	SW-846:8290	ug/L	2	0	0	*1.3E-06*	*1.4E-06*	*1.6E-06*	2	100	-	-	0	0	0	0	-	-	1	-	-	-
Hexachlorodibenzofuran[1,2,3,4,7,8-]	SW-846:8290	ug/L	2	0	0	*4.7E-07*	*4.8E-07*	*4.9E-07*	2	100	-	-	0	0	0	0	-	-	1	-	-	-
Hexachlorodibenzofuran[1,2,3,6,7,8-]	SW-846:8290	ug/L	2	0	0	*5.4E-07*	*5.4E-07*	*5.4E-07*	2	100	-	-	0	0	0	0	-	-	1	-	-	-
Hexachlorodibenzofuran[1,2,3,7,8,9-]	SW-846:8290	ug/L	2	0	0	*8E-07*	*9.9E-07*	*1.2E-06*	2	100	-	-	0	0	0	0	-	-	1	-	-	-
Hexachlorodibenzofuran[2,3,4,6,7,8-]	SW-846:8290	ug/L	2	0	0	*5.8E-07*	*5.9E-07*	*6E-07*	2	100	-	-	0	0	0	0	-	-	1	-	-	-
Hexachlorodibenzofurans (Total)	SW-846:8290	ug/L	2	0	0	*5.9E-07*	*6.5E-07*	*7E-07*	2	100	-	-	0	0	0	0	-	-	1	-	-	-
Octachlorodibenzodioxin[1,2,3,4,6,7,8,9-]	SW-846:8290	ug/L	2	0	0	*2.4E-06*	*4E-06*	*5.6E-06*	2	100	-	-	0	0	0	0	-	-	1	-	-	-
Octachlorodibenzofuran[1,2,3,4,6,7,8,9-]	SW-846:8290	ug/L	2	0	0	*2.4E-06*	*2.8E-06*	*3.3E-06*	2	100	-	-	0	0	0	0	-	-	1	-	-	-
Pentachlorodibenzodioxin[1,2,3,7,8-]	SW-846:8290	ug/L	2	0	0	*1E-06*	*1E-06*	*1E-06*	2	100	-	-	0	0	0	0	-	-	1	-	-	-
Pentachlorodibenzodioxins (Total)	SW-846:8290	ug/L	2	0	0	*1E-06*	*1.4E-06*	*1.7E-06*	2	100	-	-	0	0	0	0	-	-	1	-	-	-
Pentachlorodibenzofuran[1,2,3,7,8-]	SW-846:8290	ug/L	2	0	0	*7.4E-07*	*8.6E-07*	*9.8E-07*	2	100	-	-	0	0	0	0	-	-	1	-	-	-
Pentachlorodibenzofuran[2,3,4,7,8-]	SW-846:8290	ug/L	2	0	0	*8.5E-07*	*9.5E-07*	*1.1E-06*	2	100	-	-	0	0	0	0	-	-	1	-	-	-
Pentachlorodibenzofurans (Totals)	SW-846:8290	ug/L	2	0	0	*8E-07*	*9E-07*	*1E-06*	2	100	-	-	0	0	0	0	-	-	1	-	-	-
Tetrachlorodibenzodioxin[2,3,7,8-]	SW-846:8290	ug/L	2	0	0	*8.4E-07*	*8.9E-07*	*9.4E-07*	2	100	-	-	0	0	0	0	0.00003	MCL	1	-	-	-
Tetrachlorodibenzodioxins (Total)	SW-846:8290	ug/L	2	0	0	*8.4E-07*	*8.9E-07*	*9.4E-07*	2	100	-	-	0	0	0	0	-	-	1	-	-	-
Tetrachlorodibenzofuran[2,3,7,8-]	SW-846:8290	ug/L	2	0	0	*7.1E-07*	*8.2E-07*	*9.3E-07*	2	100	-	-	0	0	0	0	-	-	1	-	-	-
Tetrachlorodibenzofurans (Totals)	SW-846:8290	ug/L	2	0	0	*7.1E-07*	*8.2E-07*	*9.3E-07*	2	100	-	-	0	0	0	0	-	-	1	-	-	-
LA, Dioxin/Furans, UF, Regional																						
Heptachlorodibenzodioxin[1,2,3,4,6,7,8-]	SW-846:8290	ug/L	6	2	33	1.7E-06	1.8E-06	2E-06	4	67	-	-	0	0	0	0	-	-	2	-	-	-
Heptachlorodibenzodioxins (Total)	SW-846:8290	ug/L	7	2	29	1.7E-06	1.8E-06	2E-06	5	71	-	-	0	0	0	0	-	-	2	-	-	-
Heptachlorodibenzofuran[1,2,3,4,6,7,8-]	SW-846:8290	ug/L	7	1	14	1.1E-05	1.1E-05	1.1E-05	6	86	-	-	0	0	0	0	-	-	2	-	-	-
Heptachlorodibenzofuran[1,2,3,4,7,8,9-]	SW-846:8290	ug/L	7	0	0	*8.9E-07*	*1.9E-06*	*2.8E-06*	7	100	-	-	0	0	0	0	-	-	2	-	-	-
Heptachlorodibenzofurans (Total)	SW-846:8290	ug/L	7	1	14	1.1E-05	1.1E-05	1.1E-05	6	86	-	-	0	0	0	0	-	-	2	-	-	-
Hexachlorodibenzodioxin[1,2,3,4,7,8-]	SW-846:8290	ug/L	7	0	0	*1.4E-06*	*2.6E-06*	*3.4E-06*	7	100	-	-	0	0	0	0	-	-	2	-	-	-
Hexachlorodibenzodioxin[1,2,3,6,7,8-]	SW-846:8290	ug/L	7	0	0	*1.5E-06*	*2.2E-06*	*2.8E-06*	7	100	-	-	0	0	0	0	-	-	2	-	-	-
Hexachlorodibenzodioxin[1,2,3,7,8,9-]	SW-846:8290	ug/L	7	0	0	*1.4E-06*	*2.1E-06*	*2.8E-06*	7	100	-	-	0	0	0	0	0.000108438	Reg6	2	-	-	-
Hexachlorodibenzodioxins (Total)	SW-846:8290	ug/L	7	0	0	*1.4E-06*	*2.5E-06*	*3.5E-06*	7	100	-	-	0	0	0	0	-	-	2	-	-	-
Hexachlorodibenzofuran[1,2,3,4,7,8-]	SW-846:8290	ug/L	7	1	14	3.4E-06	3.4E-06	3.4E-06	6	86	-	-	0	0	0	0	-	-	2	-	-	-
Hexachlorodibenzofuran[1,2,3,6,7,8-]	SW-846:8290	ug/L	7	0	0	*4.7E-07*	*1.7E-06*	*2.8E-06*	7	100	-	-	0	0	0	0	-	-	2	-	-	-
Hexachlorodibenzofuran[1,2,3,7,8,9-]	SW-846:8290	ug/L	7	0	0	*7.6E-07*	*1.9E-06*	*2.8E-06*	7	100	-	-	0	0	0	0	-	-	2	-	-	-
Hexachlorodibenzofuran[2,3,4,6,7,8-]	SW-846:8290	ug/L	7	0	0	*5E-07*	*1.6E-06*	*2.8E-06*	7	100	-	-	0	0	0	0	-	-	2	-	-	-
Hexachlorodibenzofurans (Total)	SW-846:8290	ug/L	7	1	14	8.2E-06	8.2E-06	8.2E-06	6	86	-	-	0	0	0	0	-	-	2	-	-	-
Octachlorodibenzodioxin[1,2,3,4,6,7,8,9-]	SW-846:8290	ug/L	7	1	14	1.2E-05	1.2E-05	1.2E-05	6	86	-	-	0	0	0	0	-	-	2	-	-	-
Octachlorodibenzofuran[1,2,3,4,6,7,8,9-]	SW-846:8290	ug/L	7	1	14	3.1E-06	3.1E-06	3.1E-06	6	86	-	-	0	0	0	0	-	-	2	-	-	-
Pentachlorodibenzodioxin[1,2,3,7,8-]	SW-846:8290	ug/L	7	0	0	*9.9E-07*	*1.9E-06*	*2.8E-06*	7	100	-	-	0	0	0	0	-	-	2	-	-	-
Pentachlorodibenzodioxins (Total)	SW-846:8290	ug/L	7	0	0	*9.9E-07*	*1.9E-06*	*2.8E-06*	7	100	-	-	0	0	0	0	-	-	2	-	-	-
Pentachlorodibenzofuran[1,2,3,7,8-]	SW-846:8290	ug/L	7	0	0	*8.6E-07*	*1.8E-06*	*2.8E-06*	7	100	-	-	0	0	0	0	-	-	2	-	-	-
Pentachlorodibenzofuran[2,3,4,7,8-]	SW-846:8290	ug/L	6	0	0	*7.5E-07*	*1.4E-06*	*2.7E-06*	6	100	-	-	0	0	0	0	-	-	2	-	-	-
Pentachlorodibenzofurans (Totals)	SW-846:8290	ug/L	7	2	29	7.5E-07	3.8E-06	6.8E-06	5	71	-	-	0	0	0	0	-	-	2	-	-	-
Tetrachlorodibenzodioxin[2,3,7,8-]	SW-846:8290	ug/L	7	0	0	*8.5E-07*	*1.1E-06*	*1.3E-06*	7	100	-	-	0	0	0	0	0.00003	MCL	2	-	-	-
Tetrachlorodibenzodioxins (Total)	SW-846:8290	ug/L	7	0	0	*8.5E-07*	*1.1E-06*	*1.3E-06*	7	100	-	-	0	0	0	0	-	-	2	-	-	-

Table B-1
Screening Table for Los Alamos Canyon Watershed (including Pueblo Canyon)

Analyte	Method	Units	No. of Analyses	No. of Detects	D Rate %	Min	Mean	Max	No. of Non-detects	ND Rate %	BV	D> BV	ND> Std	D> Std	D> Std/2	D>Std/2 Rate %	Level	Std Type	Locations with Data (number)	D>Std (number of locations)	D>Std/2 (number of locations)	D>Std Stations
Tetrachlorodibenzofuran[2,3,7,8-]	SW-846:8290	ug/L	7	0	0	*8.9E-07*	*1.2E-06*	*1.6E-06*	7	100	-	-	0	0	0	0	-	-	2	-	-	-
Tetrachlorodibenzofurans (Totals)	SW-846:8290	ug/L	7	0	0	*8.9E-07*	*1.4E-06*	*3.1E-06*	7	100	-	-	0	0	0	0	-	-	2	-	-	-
LA, DRO, UF, Alluvial																						
Total Petroleum Hydrocarbons Diesel Range Organics	SW-846:8015M_EXTRACTABLE	ug/L	2	1	50	80	80	80	1	50	-	-	0	0	0	0	-	-	1	-	-	-
LA, DRO, UF, Intermediate																						
Diesel Range Organics	SW-846:8015B	ug/L	4	2	50	17.4	19.6	21.8	2	50	-	-	0	0	0	0	-	-	2	-	-	-
LA, Herbicides, UF, Ephemeral																						
D[2,4-]	SW-846:8151A	ug/L	6	0	0	*0.263*	*0.275*	*0.305*	6	100	-	-	0	0	0	0	-	-	5	-	-	-
Dalapon	SW-846:8151A	ug/L	6	0	0	*5.26*	*5.49833*	*6.1*	6	100	-	-	0	0	0	0	-	-	5	-	-	-
DB[2,4-]	SW-846:8151A	ug/L	6	0	0	*0.263*	*0.275*	*0.305*	6	100	-	-	0	0	0	0	-	-	5	-	-	-
Dicamba	SW-846:8151A	ug/L	6	0	0	*0.263*	*0.275*	*0.305*	6	100	-	-	0	0	0	0	-	-	5	-	-	-
Dichlorprop	SW-846:8151A	ug/L	6	0	0	*0.263*	*0.275*	*0.305*	6	100	-	-	0	0	0	0	-	-	5	-	-	-
Dinoseb	SW-846:8151A	ug/L	6	0	0	*0.263*	*0.275*	*0.305*	6	100	-	-	0	0	0	0	-	-	5	-	-	-
MCPA	SW-846:8151A	ug/L	6	0	0	*52.6*	*54.9833*	*61*	6	100	-	-	0	0	0	0	-	-	5	-	-	-
MCPP	SW-846:8151A	ug/L	6	0	0	*52.6*	*54.9833*	*61*	6	100	-	-	0	0	0	0	-	-	5	-	-	-
T[2,4,5-]	SW-846:8151A	ug/L	6	0	0	*0.263*	*0.275*	*0.305*	6	100	-	-	0	0	0	0	-	-	5	-	-	-
TP[2,4,5-]	SW-846:8151A	ug/L	6	0	0	*0.263*	*0.275*	*0.305*	6	100	-	-	0	0	0	0	-	-	5	-	-	-
LA, Herbicides, UF, Springs																						
D[2,4-]	SW-846:8151A	ug/L	4	0	0	*0.26*	*0.266*	*0.278*	4	100	-	-	0	0	0	0	70	MCL	3	-	-	-
Dalapon	SW-846:8151A	ug/L	4	0	0	*5.21*	*5.3225*	*5.56*	4	100	-	-	0	0	0	0	200	MCL	3	-	-	-
DB[2,4-]	SW-846:8151A	ug/L	4	0	0	*0.26*	*0.266*	*0.278*	4	100	-	-	0	0	0	0	292	Reg6	3	-	-	-
Dicamba	SW-846:8151A	ug/L	4	0	0	*0.26*	*0.266*	*0.278*	4	100	-	-	0	0	0	0	1095	Reg6	3	-	-	-
Dichlorprop	SW-846:8151A	ug/L	4	0	0	*0.26*	*0.266*	*0.278*	4	100	-	-	0	0	0	0	-	-	3	-	-	-
Dinoseb	SW-846:8151A	ug/L	4	0	0	*0.26*	*0.266*	*0.278*	4	100	-	-	0	0	0	0	7	MCL	3	-	-	-
MCPA	SW-846:8151A	ug/L	4	0	0	*52.1*	*53.225*	*55.6*	4	100	-	-	4	0	0	0	18.25	Reg6	3	-	-	-
MCPP	SW-846:8151A	ug/L	4	0	0	*52.1*	*53.225*	*55.6*	4	100	-	-	4	0	0	0	36.5	Reg6	3	-	-	-
T[2,4,5-]	SW-846:8151A	ug/L	4	0	0	*0.26*	*0.266*	*0.278*	4	100	-	-	0	0	0	0	365	Reg6	3	-	-	-
TP[2,4,5-]	SW-846:8151A	ug/L	4	0	0	*0.26*	*0.266*	*0.278*	4	100	-	-	0	0	0	0	50	MCL	3	-	-	-
LA, Herbicides, UF, Alluvial																						
D[2,4-]	SW-846:8151A	ug/L	18	0	0	*0.255*	*0.37933*	*1.26*	18	100	-	-	0	0	0	0	70	MCL	16	-	-	-
Dalapon	SW-846:8151A	ug/L	18	0	0	*5.1*	*7.59222*	*25.3*	18	100	-	-	0	0	0	0	200	MCL	16	-	-	-
DB[2,4-]	SW-846:8151A	ug/L	18	0	0	*0.255*	*0.37933*	*1.26*	18	100	-	-	0	0	0	0	292	Reg6	16	-	-	-
Dicamba	SW-846:8151A	ug/L	18	0	0	*0.255*	*0.37933*	*1.26*	18	100	-	-	0	0	0	0	1095	Reg6	16	-	-	-
Dichlorprop	SW-846:8151A	ug/L	18	0	0	*0.255*	*0.37933*	*1.26*	18	100	-	-	0	0	0	0	-	-	16	-	-	-
Dinoseb	SW-846:8151A	ug/L	18	0	0	*0.255*	*0.37933*	*1.26*	18	100	-	-	0	0	0	0	7	MCL	16	-	-	-
MCPA	SW-846:8151A	ug/L	18	0	0	*51*	*75.9222*	*253*	18	100	-	-	18	0	0	0	18.25	Reg6	16	-	-	-
MCPP	SW-846:8151A	ug/L	18	0	0	*51*	*75.9222*	*253*	18	100	-	-	18	0	0	0	36.5	Reg6	16	-	-	-
T[2,4,5-]	SW-846:8151A	ug/L	18	0	0	*0.255*	*0.37933*	*1.26*	18	100	-	-	0	0	0	0	365	Reg6	16	-	-	-
TP[2,4,5-]	SW-846:8151A	ug/L	18	0	0	*0.255*	*0.37933*	*1.26*	18	100	-	-	0	0	0	0	50	MCL	16	-	-	-
LA, Herbicides, UF, Intermediate																						
D[2,4-]	SW-846:8151A	ug/L	10	0	0	*0.26*	*0.3744*	*1.3*	10	100	-	-	0	0	0	0	70	MCL	9	-	-	-
Dalapon	SW-846:8151A	ug/L	10	0	0	*5.21*	*7.487*	*26*	10	100	-	-	0	0	0	0	200	MCL	9	-	-	-
DB[2,4-]	SW-846:8151A	ug/L	10	0	0	*0.26*	*0.3744*	*1.3*	10	100	-	-	0	0	0	0	292	Reg6	9	-	-	-
Dicamba	SW-846:8151A	ug/L	10	0	0	*0.26*	*0.3744*	*1.3*	10	100	-	-	0	0	0	0	1095	Reg6	9	-	-	-
Dichlorprop	SW-846:8151A	ug/L	10	0	0	*0.26*	*0.3744*	*1.3*	10	100	-	-	0	0	0	0	-	-	9	-	-	-
Dinoseb	SW-846:8151A	ug/L	10	0	0	*0.26*	*0.3744*	*1.3*	10	100	-	-	0	0	0	0	7	MCL	9	-	-	-
MCPA	SW-846:8151A	ug/L	10	0	0	*52.1*	*74.87*	*260*	10	100	-	-	10	0	0	0	18.25	Reg6	9	-	-	-
MCPP	SW-846:8151A	ug/L	10	0	0	*52.1*	*74.87*	*260*	10	100	-	-	10	0	0	0	36.5	Reg6	9	-	-	-
T[2,4,5-]	SW-846:8151A	ug/L	10	0	0	*0.26*	*0.3744*	*1.3*	10	100	-	-	0	0	0	0	365	Reg6	9	-	-	-
TP[2,4,5-]	SW-846:8151A	ug/L	10	0	0	*0.26*	*0.3744*	*1.3*	10	100	-	-	0	0	0	0	50	MCL	9	-	-	-
LA, Herbicides, UF, Regional																						
D[2,4-]	SW-846:8151A	ug/L	11	0	0	*0.255*	*0.46855*	*1.37*	11	100	-	-	0	0	0	0	70	MCL	8	-	-	-
Dalapon	SW-846:8151A	ug/L	11	0	0	*5.1*	*9.38545*	*27.5*	11	100	-	-	0	0	0	0	200	MCL	8	-	-	-
DB[2,4-]	SW-846:8151A	ug/L	11	0	0	*0.255*	*0.46855*	*1.37*	11	100	-	-	0	0	0	0	292	Reg6	8	-	-	-
Dicamba	SW-846:8151A	ug/L	11	0	0	*0.255*	*0.46855*	*1.37*	11	100	-	-	0	0	0	0	1095	Reg6	8	-	-	-
Dichlorprop	SW-846:8151A	ug/L	11	0	0	*0.255*	*0.46855*	*1.37*	11	100	-	-	0	0	0	0	-	-	8	-	-	-
Dinoseb	SW-846:8151A	ug/L	11	0	0	*0.255*	*0.46855*	*1.37*	11	100	-	-	0	0	0	0	7	MCL	8	-	-	-
MCPA	SW-846:8151A	ug/L	11	0	0	*51*	*93.8545*	*275*	11	100	-	-	11	0	0	0	18.25	Reg6	8	-	-	-
MCPP	SW-846:8151A	ug/L	11	0	0	*51*	*93.8545*	*275*	11	100	-	-	11	0	0	0	36.5	Reg6	8	-	-	-
T[2,4,5-]	SW-846:8151A	ug/L	11	0	0	*0.255*	*0.46855*	*1.37*	11	100	-	-	0	0	0	0	365	Reg6	8	-	-	-

Table B-1
Screening Table for Los Alamos Canyon Watershed (including Pueblo Canyon)

Analyte	Method	Units	No. of Analyses	No. of Detects	D Rate %	Min	Mean	Max	No. of Non-detects	ND Rate %	BV	D> BV	ND> Std	D> Std	D> Std/2	D>Std/2 Rate %	Level	Std Type	Locations with Data (number)	D>Std (number of locations)	D>Std/2 (number of locations)	D>Std Stations
TP[2,4,5-]	SW-846:8151A	ug/L	11	0	0	0.255	0.46855	1.37	11	100	-	-	0	0	0	0	50	MCL	8	-	-	-
LA, High Explosives, UF, Springs																						
2,4-Diamino-6-nitrotoluene	SW-846:8321A_MOD	ug/L	3	0	0	1.3	1.3	1.3	3	100	-	-	0	0	0	0	-	-	1	-	-	-
2,6-Diamino-4-nitrotoluene	SW-846:8321A_MOD	ug/L	3	0	0	1.3	1.3	1.3	3	100	-	-	0	0	0	0	-	-	1	-	-	-
3,5-Dinitroaniline	SW-846:8321A_MOD	ug/L	3	0	0	1.3	1.3	1.3	3	100	-	-	0	0	0	0	-	-	1	-	-	-
Amino-2,6-dinitrotoluene[4-]	SW-846:8321A_MOD	ug/L	3	0	0	0.325	0.325	0.325	3	100	-	-	0	0	0	0	-	-	1	-	-	-
Amino-4,6-dinitrotoluene[2-]	SW-846:8321A_MOD	ug/L	3	0	0	0.325	0.325	0.325	3	100	-	-	0	0	0	0	-	-	1	-	-	-
Dinitrobenzene[1,3-]	SW-846:8321A_MOD	ug/L	3	0	0	0.325	0.325	0.325	3	100	-	-	0	0	0	0	3.65	Reg6	1	-	-	-
Dinitrotoluene[2,4-]	SW-846:8321A_MOD	ug/L	3	0	0	0.325	0.325	0.325	3	100	-	-	0	0	0	0	-	-	1	-	-	-
Dinitrotoluene[2,6-]	SW-846:8321A_MOD	ug/L	3	0	0	0.325	0.325	0.325	3	100	-	-	0	0	0	0	-	-	1	-	-	-
HMX	SW-846:8321A_MOD	ug/L	3	0	0	0.325	0.325	0.325	3	100	-	-	0	0	0	0	1825	Reg6	1	-	-	-
Nitrobenzene	SW-846:8321A_MOD	ug/L	3	0	0	0.325	0.325	0.325	3	100	-	-	0	0	0	0	-	-	1	-	-	-
Nitrotoluene[2-]	SW-846:8321A_MOD	ug/L	3	0	0	0.325	0.325	0.325	3	100	-	-	0	0	0	0	2.92311	Reg6	1	-	-	-
Nitrotoluene[3-]	SW-846:8321A_MOD	ug/L	3	0	0	0.325	0.325	0.325	3	100	-	-	0	0	0	0	121.6667	Reg6	1	-	-	-
Nitrotoluene[4-]	SW-846:8321A_MOD	ug/L	3	0	0	0.649	0.649	0.649	3	100	-	-	0	0	0	0	39.54796	Reg6	1	-	-	-
PETN	SW-846:8321A_MOD	ug/L	3	0	0	1.3	1.3	1.3	3	100	-	-	0	0	0	0	-	-	1	-	-	-
RDX	SW-846:8321A_MOD	ug/L	3	0	0	0.325	0.325	0.325	3	100	-	-	0	0	0	0	6.111958	Reg6	1	-	-	-
TATB	SW-846:8321A_MOD	ug/L	3	0	0	1.3	1.3	1.3	3	100	-	-	0	0	0	0	-	-	1	-	-	-
Tetryl	SW-846:8321A_MOD	ug/L	3	0	0	0.649	0.649	0.649	3	100	-	-	0	0	0	0	146	Reg6	1	-	-	-
Trinitrobenzene[1,3,5-]	SW-846:8321A_MOD	ug/L	3	0	0	0.325	0.325	0.325	3	100	-	-	0	0	0	0	1095	Reg6	1	-	-	-
Trinitrotoluene[2,4,6-]	SW-846:8321A_MOD	ug/L	3	0	0	0.325	0.325	0.325	3	100	-	-	0	0	0	0	22.41051	Reg6	1	-	-	-
Tris (o-cresyl) phosphate	SW-846:8321A_MOD	ug/L	3	0	0	1.3	1.3	1.3	3	100	-	-	0	0	0	0	-	-	1	-	-	-
LA, High Explosives, UF, Alluvial																						
2,4-Diamino-6-nitrotoluene	SW-846:8321A_MOD	ug/L	3	0	0	1.3	1.3	1.3	3	100	-	-	0	0	0	0	-	-	2	-	-	-
2,6-Diamino-4-nitrotoluene	SW-846:8321A_MOD	ug/L	3	0	0	1.3	1.3	1.3	3	100	-	-	0	0	0	0	-	-	2	-	-	-
3,5-Dinitroaniline	SW-846:8321A_MOD	ug/L	3	0	0	1.3	1.3	1.3	3	100	-	-	0	0	0	0	-	-	2	-	-	-
Amino-2,6-dinitrotoluene[4-]	SW-846:8321A_MOD	ug/L	3	0	0	0.325	0.325	0.325	3	100	-	-	0	0	0	0	-	-	2	-	-	-
Amino-4,6-dinitrotoluene[2-]	SW-846:8321A_MOD	ug/L	3	0	0	0.325	0.325	0.325	3	100	-	-	0	0	0	0	-	-	2	-	-	-
Dinitrobenzene[1,3-]	SW-846:8321A_MOD	ug/L	3	0	0	0.325	0.325	0.325	3	100	-	-	0	0	0	0	3.65	Reg6	2	-	-	-
Dinitrotoluene[2,4-]	SW-846:8321A_MOD	ug/L	3	0	0	0.325	0.325	0.325	3	100	-	-	0	0	0	0	-	-	2	-	-	-
Dinitrotoluene[2,6-]	SW-846:8321A_MOD	ug/L	3	0	0	0.325	0.325	0.325	3	100	-	-	0	0	0	0	-	-	2	-	-	-
HMX	SW-846:8321A_MOD	ug/L	3	0	0	0.325	0.325	0.325	3	100	-	-	0	0	0	0	1825	Reg6	2	-	-	-
Nitrobenzene	SW-846:8321A_MOD	ug/L	3	0	0	0.325	0.325	0.325	3	100	-	-	0	0	0	0	-	-	2	-	-	-
Nitrotoluene[2-]	SW-846:8321A_MOD	ug/L	3	0	0	0.325	0.325	0.325	3	100	-	-	0	0	0	0	2.92311	Reg6	2	-	-	-
Nitrotoluene[3-]	SW-846:8321A_MOD	ug/L	3	0	0	0.325	0.325	0.325	3	100	-	-	0	0	0	0	121.6667	Reg6	2	-	-	-
Nitrotoluene[4-]	SW-846:8321A_MOD	ug/L	3	0	0	0.649	0.649	0.649	3	100	-	-	0	0	0	0	39.54796	Reg6	2	-	-	-
PETN	SW-846:8321A_MOD	ug/L	3	0	0	1.3	1.3	1.3	3	100	-	-	0	0	0	0	-	-	2	-	-	-
RDX	SW-846:8321A_MOD	ug/L	3	0	0	0.325	0.325	0.325	3	100	-	-	0	0	0	0	6.111958	Reg6	2	-	-	-
TATB	SW-846:8321A_MOD	ug/L	3	0	0	1.3	1.3	1.3	3	100	-	-	0	0	0	0	-	-	2	-	-	-
Tetryl	SW-846:8321A_MOD	ug/L	3	0	0	0.649	0.649	0.649	3	100	-	-	0	0	0	0	146	Reg6	2	-	-	-
Trinitrobenzene[1,3,5-]	SW-846:8321A_MOD	ug/L	3	0	0	0.325	0.325	0.325	3	100	-	-	0	0	0	0	1095	Reg6	2	-	-	-
Trinitrotoluene[2,4,6-]	SW-846:8321A_MOD	ug/L	3	0	0	0.325	0.325	0.325	3	100	-	-	0	0	0	0	22.41051	Reg6	2	-	-	-
Tris (o-cresyl) phosphate	SW-846:8321A_MOD	ug/L	3	0	0	1.3	1.3	1.3	3	100	-	-	0	0	0	0	-	-	2	-	-	-
LA, High Explosives, UF, Intermediate																						
2,4-Diamino-6-nitrotoluene	SW-846:8321A_MOD	ug/L	10	0	0	1.3	1.3	1.3	10	100	-	-	0	0	0	0	-	-	4	-	-	-
2,6-Diamino-4-nitrotoluene	SW-846:8321A_MOD	ug/L	10	0	0	1.3	1.3	1.3	10	100	-	-	0	0	0	0	-	-	4	-	-	-
3,5-Dinitroaniline	SW-846:8321A_MOD	ug/L	10	0	0	1.3	1.3	1.3	10	100	-	-	0	0	0	0	-	-	4	-	-	-
Amino-2,6-dinitrotoluene[4-]	SW-846:8321A_MOD	ug/L	10	0	0	0.325	0.325	0.325	10	100	-	-	0	0	0	0	-	-	4	-	-	-
Amino-2,6-dinitrotoluene[4-]	SW-846:8330	ug/L	9	0	0	0.1	0.391	0.65	9	100	-	-	0	0	0	0	-	-	4	-	-	-
Amino-4,6-dinitrotoluene[2-]	SW-846:8321A_MOD	ug/L	10	0	0	0.325	0.325	0.325	10	100	-	-	0	0	0	0	-	-	4	-	-	-
Amino-4,6-dinitrotoluene[2-]	SW-846:8330	ug/L	9	0	0	0.1	0.60878	0.97	9	100	-	-	0	0	0	0	-	-	4	-	-	-
Dinitrobenzene[1,3-]	SW-846:8321A_MOD	ug/L	10	0	0	0.325	0.325	0.325	10	100	-	-	0	0	0	0	3.65	Reg6	4	-	-	-
Dinitrobenzene[1,3-]	SW-846:8330	ug/L	9	0	0	0.1	0.60878	0.97	9	100	-	-	0	0	0	0	3.65	Reg6	4	-	-	-
Dinitrotoluene[2,4-]	SW-846:8321A_MOD	ug/L	10	0	0	0.325	0.325	0.325	10	100	-	-	0	0	0	0	-	-	4	-	-	-
Dinitrotoluene[2,4-]	SW-846:8330	ug/L	9	0	0	0.1	0.60878	0.97	9	100	-	-	0	0	0	0	-	-	4	-	-	-
Dinitrotoluene[2,6-]	SW-846:8321A_MOD	ug/L	10	0	0	0.325	0.325	0.325	10	100	-	-	0	0	0	0	-	-	4	-	-	-
Dinitrotoluene[2,6-]	SW-846:8330	ug/L	9	0	0	0.1	0.41767	0.65	9	100	-	-	0	0	0	0	-	-	4	-	-	-
DNX	SW-846:8330	ug/L	5	0	0	0.5	0.5	0.5	5	100	-	-	0	0	0	0	-	-	3	-	-	-
HMX	SW-846:8321A_MOD	ug/L	10	0	0	0.325	0.325	0.325	10	100	-	-	0	0	0	0	1825	Reg6	4	-	-	-
HMX	SW-846:8330	ug/L	9	0	0	0.1	0.391	0.65	9	100	-	-	0	0	0	0	1825	Reg6	4	-	-	-

Table B-1
Screening Table for Los Alamos Canyon Watershed (including Pueblo Canyon)

Analyte	Method	Units	No. of Analyses	No. of Detects	D Rate %	Min	Mean	Max	No. of Non-detects	ND Rate %	BV	D> BV	ND> Std	D> Std	D> Std/2	D>Std/2 Rate %	Level	Std Type	Locations with Data (number)	D>Std (number of locations)	D>Std/2 (number of locations)	D>Std Stations
MNX	SW-846:8330	ug/L	5	0	0	0.5	0.5	0.5	5	100	-	-	0	0	0	0	-	-	3	-	-	-
Nitrobenzene	SW-846:8321A_MOD	ug/L	10	0	0	0.325	0.325	0.325	10	100	-	-	0	0	0	0	-	-	4	-	-	-
Nitrobenzene	SW-846:8330	ug/L	9	0	0	0.1	0.391	0.65	9	100	-	-	0	0	0	0	-	-	4	-	-	-
Nitrotoluene[2-]	SW-846:8321A_MOD	ug/L	10	0	0	0.325	0.325	0.325	10	100	-	-	0	0	0	0	2.92311	Reg6	4	-	-	-
Nitrotoluene[2-]	SW-846:8330	ug/L	9	0	0	0.1	0.391	0.65	9	100	-	-	0	0	0	0	2.92311	Reg6	4	-	-	-
Nitrotoluene[3-]	SW-846:8321A_MOD	ug/L	10	0	0	0.325	0.325	0.325	10	100	-	-	0	0	0	0	121.6667	Reg6	4	-	-	-
Nitrotoluene[3-]	SW-846:8330	ug/L	9	0	0	0.1	0.67433	0.97	9	100	-	-	0	0	0	0	121.6667	Reg6	4	-	-	-
Nitrotoluene[4-]	SW-846:8321A_MOD	ug/L	10	0	0	0.649	0.649	0.649	10	100	-	-	0	0	0	0	39.54796	Reg6	4	-	-	-
Nitrotoluene[4-]	SW-846:8330	ug/L	9	0	0	0.1	0.60878	0.97	9	100	-	-	0	0	0	0	39.54796	Reg6	4	-	-	-
PETN	SW-846:8321A_MOD	ug/L	10	0	0	1.3	1.3	1.3	10	100	-	-	0	0	0	0	-	-	4	-	-	-
RDX	SW-846:8321A_MOD	ug/L	10	0	0	0.325	0.325	0.325	10	100	-	-	0	0	0	0	6.111958	Reg6	4	-	-	-
RDX	SW-846:8330	ug/L	8	0	0	0.1	0.35875	0.65	8	100	-	-	0	0	0	0	6.111958	Reg6	4	-	-	-
TATB	SW-846:8321A_MOD	ug/L	10	0	0	1.3	1.3	1.3	10	100	-	-	0	0	0	0	-	-	4	-	-	-
Tetryl	SW-846:8321A_MOD	ug/L	9	0	0	0.649	0.649	0.649	9	100	-	-	0	0	0	0	146	Reg6	4	-	-	-
Tetryl	SW-846:8330	ug/L	9	0	0	0.1	0.84433	1.5	9	100	-	-	0	0	0	0	146	Reg6	4	-	-	-
TNX	SW-846:8330	ug/L	5	0	0	0.5	0.5	0.5	5	100	-	-	0	0	0	0	-	-	3	-	-	-
Trinitrobenzene[1,3,5-]	SW-846:8321A_MOD	ug/L	10	0	0	0.325	0.325	0.325	10	100	-	-	0	0	0	0	1095	Reg6	4	-	-	-
Trinitrobenzene[1,3,5-]	SW-846:8330	ug/L	9	0	0	0.1	0.60878	0.97	9	100	-	-	0	0	0	0	1095	Reg6	4	-	-	-
Trinitrotoluene[2,4,6-]	SW-846:8321A_MOD	ug/L	10	0	0	0.211	0.3136	0.325	10	100	-	-	0	0	0	0	22.41051	Reg6	4	-	-	-
Trinitrotoluene[2,4,6-]	SW-846:8330	ug/L	9	0	0	0.1	0.391	0.65	9	100	-	-	0	0	0	0	22.41051	Reg6	4	-	-	-
Tris (o-cresyl) phosphate	SW-846:8321A_MOD	ug/L	8	0	0	1.3	1.3	1.3	8	100	-	-	0	0	0	0	-	-	3	-	-	-
LA, High Explosives, UF, Regional																						
2,4-Diamino-6-nitrotoluene	SW-846:8321A_MOD	ug/L	7	0	0	1.3	1.3	1.3	7	100	-	-	0	0	0	0	-	-	1	-	-	-
2,6-Diamino-4-nitrotoluene	SW-846:8321A_MOD	ug/L	7	0	0	1.3	1.3	1.3	7	100	-	-	0	0	0	0	-	-	1	-	-	-
3,5-Dinitroaniline	SW-846:8321A_MOD	ug/L	7	0	0	1.3	1.3	1.3	7	100	-	-	0	0	0	0	-	-	1	-	-	-
Amino-2,6-dinitrotoluene[4-]	SW-846:8321A_MOD	ug/L	7	0	0	0.325	0.325	0.325	7	100	-	-	0	0	0	0	-	-	1	-	-	-
Amino-2,6-dinitrotoluene[4-]	SW-846:8330	ug/L	25	0	0	0.1	0.48076	0.65	25	100	-	-	0	0	0	0	-	-	6	-	-	-
Amino-4,6-dinitrotoluene[2-]	SW-846:8321A_MOD	ug/L	7	0	0	0.325	0.325	0.325	7	100	-	-	0	0	0	0	-	-	1	-	-	-
Amino-4,6-dinitrotoluene[2-]	SW-846:8330	ug/L	25	0	0	0.1	0.75488	0.97	25	100	-	-	0	0	0	0	-	-	6	-	-	-
Dinitrobenzene[1,3-]	SW-846:8321A_MOD	ug/L	7	0	0	0.325	0.325	0.325	7	100	-	-	0	0	0	0	3.65	Reg6	1	-	-	-
Dinitrobenzene[1,3-]	SW-846:8330	ug/L	25	0	0	0.043	0.7526	0.97	25	100	-	-	0	0	0	0	3.65	Reg6	6	-	-	-
Dinitrotoluene[2,4-]	SW-846:8321A_MOD	ug/L	7	0	0	0.325	0.325	0.325	7	100	-	-	0	0	0	0	-	-	1	-	-	-
Dinitrotoluene[2,4-]	SW-846:8330	ug/L	25	0	0	0.1	0.75488	0.97	25	100	-	-	0	0	0	0	-	-	6	-	-	-
Dinitrotoluene[2,6-]	SW-846:8321A_MOD	ug/L	7	0	0	0.325	0.325	0.325	7	100	-	-	0	0	0	0	-	-	1	-	-	-
Dinitrotoluene[2,6-]	SW-846:8330	ug/L	25	0	0	0.1	0.51436	0.65	25	100	-	-	0	0	0	0	-	-	6	-	-	-
DNX	SW-846:8330	ug/L	1	0	0	0.5	0.5	0.5	1	100	-	-	0	0	0	0	-	-	1	-	-	-
HMX	SW-846:8321A_MOD	ug/L	7	0	0	0.325	0.325	0.325	7	100	-	-	0	0	0	0	1825	Reg6	1	-	-	-
HMX	SW-846:8330	ug/L	25	0	0	0.1	0.48076	0.65	25	100	-	-	0	0	0	0	1825	Reg6	6	-	-	-
MNX	SW-846:8330	ug/L	1	0	0	0.5	0.5	0.5	1	100	-	-	0	0	0	0	-	-	1	-	-	-
Nitrobenzene	SW-846:8321A_MOD	ug/L	7	0	0	0.325	0.325	0.325	7	100	-	-	0	0	0	0	-	-	1	-	-	-
Nitrobenzene	SW-846:8330	ug/L	25	0	0	0.1	0.48076	0.65	25	100	-	-	0	0	0	0	-	-	6	-	-	-
Nitrotoluene[2-]	SW-846:8321A_MOD	ug/L	7	0	0	0.325	0.325	0.325	7	100	-	-	0	0	0	0	2.92311	Reg6	1	-	-	-
Nitrotoluene[2-]	SW-846:8330	ug/L	25	0	0	0.1	0.48076	0.65	25	100	-	-	0	0	0	0	2.92311	Reg6	6	-	-	-
Nitrotoluene[3-]	SW-846:8321A_MOD	ug/L	7	0	0	0.325	0.325	0.325	7	100	-	-	0	0	0	0	121.6667	Reg6	1	-	-	-
Nitrotoluene[3-]	SW-846:8330	ug/L	25	0	0	0.26	0.76128	0.97	25	100	-	-	0	0	0	0	121.6667	Reg6	6	-	-	-
Nitrotoluene[4-]	SW-846:8321A_MOD	ug/L	7	0	0	0.649	0.649	0.649	7	100	-	-	0	0	0	0	39.54796	Reg6	1	-	-	-
Nitrotoluene[4-]	SW-846:8330	ug/L	25	0	0	0.1	0.75488	0.97	25	100	-	-	0	0	0	0	39.54796	Reg6	6	-	-	-
PETN	SW-846:8321A_MOD	ug/L	7	0	0	1.3	1.3	1.3	7	100	-	-	0	0	0	0	-	-	1	-	-	-
RDX	SW-846:8321A_MOD	ug/L	7	0	0	0.325	0.325	0.325	7	100	-	-	0	0	0	0	6.111958	Reg6	1	-	-	-
RDX	SW-846:8330	ug/L	24	0	0	0.1	0.53375	1.6	24	100	-	-	0	0	0	0	6.111958	Reg6	6	-	-	-
TATB	SW-846:8321A_MOD	ug/L	7	0	0	1.3	1.3	1.3	7	100	-	-	0	0	0	0	-	-	1	-	-	-
Tetryl	SW-846:8321A_MOD	ug/L	6	0	0	0.649	0.649	0.649	6	100	-	-	0	0	0	0	146	Reg6	1	-	-	-
Tetryl	SW-846:8330	ug/L	25	0	0	0.1	1.05056	1.5	25	100	-	-	0	0	0	0	146	Reg6	6	-	-	-
TNX	SW-846:8330	ug/L	1	0	0	0.5	0.5	0.5	1	100	-	-	0	0	0	0	-	-	1	-	-	-
Trinitrobenzene[1,3,5-]	SW-846:8321A_MOD	ug/L	7	0	0	0.325	0.325	0.325	7	100	-	-	0	0	0	0	1095	Reg6	1	-	-	-
Trinitrobenzene[1,3,5-]	SW-846:8330	ug/L	25	0	0	0.16	0.75728	0.97	25	100	-	-	0	0	0	0	1095	Reg6	6	-	-	-
Trinitrotoluene[2,4,6-]	SW-846:8321A_MOD	ug/L	7	0	0	0.325	0.325	0.325	7	100	-	-	0	0	0	0	22.41051	Reg6	1	-	-	-
Trinitrotoluene[2,4,6-]	SW-846:8330	ug/L	25	0	0	0.1	0.48076	0.65	25	100	-	-	0	0	0	0	22.41051	Reg6	6	-	-	-
Tris (o-cresyl) phosphate	SW-846:8321A_MOD	ug/L	7	0	0	1.3	1.3	1.3	7	100	-	-	0	0	0	0	-	-	1	-	-	-

Table B-1
Screening Table for Los Alamos Canyon Watershed (including Pueblo Canyon)

Analyte	Method	Units	No. of Analyses	No. of Detects	D Rate %	Min	Mean	Max	No. of Non-detects	ND Rate %	BV	D> BV	ND> Std	D> Std	D> Std/2	D>Std/2 Rate %	Level	Std Type	Locations with Data (number)	D>Std (number of locations)	D>Std/2 (number of locations)	D>Std Stations
LA, Pesticides/PCBs, UF, Ephemeral																						
Aldrin	SW-846:8081A	ug/L	26	0	0	*0.0189*	*0.05861*	*1.01*	26	100	-	-	26	0	0	0	0.0005	HHEU	9	-	-	-
Aroclor-1016	EPA:608	ug/L	18	0	0	*0.096*	*0.10622*	*0.14*	18	100	-	-	18	0	0	0	0.00064	HHEU	6	-	-	-
Aroclor-1016	SW-846:8082	ug/L	7	0	0	*0.1*	*0.10186*	*0.104*	7	100	-	-	7	0	0	0	0.00064	HHEU	5	-	-	-
Aroclor-1221	EPA:608	ug/L	17	0	0	*0.096*	*0.10647*	*0.14*	17	100	-	-	17	0	0	0	0.00064	HHEU	6	-	-	-
Aroclor-1221	SW-846:8082	ug/L	7	0	0	*0.1*	*0.10186*	*0.104*	7	100	-	-	7	0	0	0	0.00064	HHEU	5	-	-	-
Aroclor-1232	EPA:608	ug/L	18	0	0	*0.096*	*0.10622*	*0.14*	18	100	-	-	18	0	0	0	0.00064	HHEU	6	-	-	-
Aroclor-1232	SW-846:8082	ug/L	7	0	0	*0.1*	*0.10186*	*0.104*	7	100	-	-	7	0	0	0	0.00064	HHEU	5	-	-	-
Aroclor-1242	EPA:608	ug/L	18	0	0	*0.096*	*0.10622*	*0.14*	18	100	-	-	18	0	0	0	0.00064	HHEU	6	-	-	-
Aroclor-1242	SW-846:8082	ug/L	7	0	0	*0.1*	*0.10186*	*0.104*	7	100	-	-	7	0	0	0	0.00064	HHEU	5	-	-	-
Aroclor-1248	EPA:608	ug/L	18	0	0	*0.096*	*0.10622*	*0.14*	18	100	-	-	18	0	0	0	0.00064	HHEU	6	-	-	-
Aroclor-1248	SW-846:8082	ug/L	7	0	0	*0.1*	*0.10186*	*0.104*	7	100	-	-	7	0	0	0	0.00064	HHEU	5	-	-	-
Aroclor-1254	EPA:608	ug/L	18	0	0	*0.096*	*0.10622*	*0.14*	18	100	-	-	18	0	0	0	0.00064	HHEU	6	-	-	-
Aroclor-1254	SW-846:8082	ug/L	7	0	0	*0.1*	*0.10186*	*0.104*	7	100	-	-	7	0	0	0	0.00064	HHEU	5	-	-	-
Aroclor-1260	EPA:608	ug/L	18	0	0	*0.096*	*0.10622*	*0.14*	18	100	-	-	18	0	0	0	0.00064	HHEU	6	-	-	-
Aroclor-1260	SW-846:8082	ug/L	7	0	0	*0.1*	*0.10186*	*0.104*	7	100	-	-	7	0	0	0	0.00064	HHEU	5	-	-	-
Aroclor-1262	EPA:608	ug/L	13	0	0	*0.096*	*0.10015*	*0.11*	13	100	-	-	13	0	0	0	0.00064	HHEU	5	-	-	-
Aroclor-1262	SW-846:8082	ug/L	6	0	0	*0.1*	*0.10217*	*0.104*	6	100	-	-	6	0	0	0	0.00064	HHEU	4	-	-	-
BHC[alpha-]	SW-846:8081A	ug/L	26	0	0	*0.0189*	*0.05861*	*1.01*	26	100	-	-	0	0	0	0	-	-	9	-	-	-
BHC[beta-]	SW-846:8081A	ug/L	26	1	4	0.014	0.014	0.014	25	96	-	-	0	0	0	0	-	-	9	-	-	-
BHC[delta-]	SW-846:8081A	ug/L	26	0	0	*0.0189*	*0.05861*	*1.01*	26	100	-	-	0	0	0	0	-	-	9	-	-	-
BHC[gamma-]	SW-846:8081A	ug/L	26	1	4	0.024	0.024	0.024	25	96	-	-	1	0	0	0	0.95	AqAcU	9	-	-	-
Chlordane[alpha-]	SW-846:8081A	ug/L	26	0	0	*0.0189*	*0.05861*	*1.01*	26	100	-	-	0	0	0	0	-	-	9	-	-	-
Chlordane[gamma-]	SW-846:8081A	ug/L	26	1	4	0.837	0.837	0.837	25	96	-	-	0	0	0	0	-	-	9	-	-	-
DDD[4,4'-]	SW-846:8081A	ug/L	26	1	4	0.008	0.008	0.008	25	96	-	-	25	1	1	4	0.0022	HHEU	9	1	1	Pueblo 3
DDE[4,4'-]	SW-846:8081A	ug/L	25	0	0	*0.0377*	*0.12014*	*2.02*	25	100	-	-	25	0	0	0	0.0022	HHEU	9	-	-	-
DDT[4,4'-]	SW-846:8081A	ug/L	24	1	4	0.01	0.01	0.01	23	96	-	-	23	1	1	4	0.0022	HHEU	9	1	1	Pueblo 3
Dieldrin	SW-846:8081A	ug/L	26	0	0	*0.0377*	*0.1172*	*2.02*	26	100	-	-	26	0	0	0	0.00054	HHEU	9	-	-	-
Endosulfan I	SW-846:8081A	ug/L	26	0	0	*0.0189*	*0.05861*	*1.01*	26	100	-	-	1	0	0	0	0.22	AqAcU	9	-	-	-
Endosulfan II	SW-846:8081A	ug/L	26	0	0	*0.0377*	*0.1172*	*2.02*	26	100	-	-	1	0	0	0	0.22	AqAcU	9	-	-	-
Endosulfan Sulfate	SW-846:8081A	ug/L	26	0	0	*0.0377*	*0.1172*	*2.02*	26	100	-	-	0	0	0	0	-	-	9	-	-	-
Endrin	SW-846:8081A	ug/L	26	0	0	*0.0377*	*0.1172*	*2.02*	26	100	-	-	1	0	0	0	0.086	AqAcU	9	-	-	-
Endrin Aldehyde	SW-846:8081A	ug/L	26	1	4	0.028	0.028	0.028	25	96	-	-	0	0	0	0	-	-	9	-	-	-
Endrin Ketone	SW-846:8081A	ug/L	26	0	0	*0.0377*	*0.1172*	*2.02*	26	100	-	-	0	0	0	0	-	-	9	-	-	-
Heptachlor	SW-846:8081A	ug/L	25	1	4	0.0295	0.0295	0.0295	24	96	-	-	1	0	0	0	0.52	AqAcU	9	-	-	-
Heptachlor Epoxide	SW-846:8081A	ug/L	26	0	0	*0.0189*	*0.05861*	*1.01*	26	100	-	-	1	0	0	0	0.52	AqAcU	9	-	-	-
Methoxychlor[4,4'-]	SW-846:8081A	ug/L	26	0	0	*0.189*	*0.58608*	*10.1*	26	100	-	-	0	0	0	0	-	-	9	-	-	-
Toxaphene (Technical Grade)	SW-846:8081A	ug/L	26	0	0	*0.5*	*1.59938*	*25.3*	26	100	-	-	8	0	0	0	0.73	AqAcU	9	-	-	-
LA, Pesticides/PCBs, UF, Perennial																						
Aldrin	SW-846:8081A	ug/L	9	0	0	*0.02*	*0.03094*	*0.114*	9	100	-	-	9	0	0	0	0.0005	HHPU	2	-	-	-
Aroclor-1016	EPA:608	ug/L	10	0	0	*0.099*	*0.1063*	*0.12*	10	100	-	-	10	0	0	0	0.00064	HHPU	2	-	-	-
Aroclor-1016	SW-846:8082	ug/L	2	0	0	*0.1*	*0.101*	*0.102*	2	100	-	-	2	0	0	0	0.00064	HHPU	1	-	-	-
Aroclor-1221	EPA:608	ug/L	10	0	0	*0.099*	*0.1063*	*0.12*	10	100	-	-	10	0	0	0	0.00064	HHPU	2	-	-	-
Aroclor-1221	SW-846:8082	ug/L	2	0	0	*0.1*	*0.101*	*0.102*	2	100	-	-	2	0	0	0	0.00064	HHPU	1	-	-	-
Aroclor-1232	EPA:608	ug/L	10	0	0	*0.099*	*0.1063*	*0.12*	10	100	-	-	10	0	0	0	0.00064	HHPU	2	-	-	-
Aroclor-1232	SW-846:8082	ug/L	2	0	0	*0.1*	*0.101*	*0.102*	2	100	-	-	2	0	0	0	0.00064	HHPU	1	-	-	-
Aroclor-1242	EPA:608	ug/L	10	0	0	*0.099*	*0.1063*	*0.12*	10	100	-	-	10	0	0	0	0.00064	HHPU	2	-	-	-
Aroclor-1242	SW-846:8082	ug/L	2	0	0	*0.1*	*0.101*	*0.102*	2	100	-	-	2	0	0	0	0.00064	HHPU	1	-	-	-
Aroclor-1248	EPA:608	ug/L	10	0	0	*0.099*	*0.1063*	*0.12*	10	100	-	-	10	0	0	0	0.00064	HHPU	2	-	-	-
Aroclor-1248	SW-846:8082	ug/L	2	0	0	*0.1*	*0.101*	*0.102*	2	100	-	-	2	0	0	0	0.00064	HHPU	1	-	-	-
Aroclor-1254	EPA:608	ug/L	10	0	0	*0.099*	*0.1063*	*0.12*	10	100	-	-	10	0	0	0	0.00064	HHPU	2	-	-	-
Aroclor-1254	SW-846:8082	ug/L	2	0	0	*0.1*	*0.101*	*0.102*	2	100	-	-	2	0	0	0	0.00064	HHPU	1	-	-	-
Aroclor-1260	EPA:608	ug/L	10	0	0	*0.099*	*0.1063*	*0.12*	10	100	-	-	10	0	0	0	0.00064	HHPU	2	-	-	-
Aroclor-1260	SW-846:8082	ug/L	2	0	0	*0.1*	*0.101*	*0.102*	2	100	-	-	2	0	0	0	0.00064	HHPU	1	-	-	-
Aroclor-1262	EPA:608	ug/L	9	0	0	*0.099*	*0.10478*	*0.12*	9	100	-	-	9	0	0	0	0.00064	HHPU	2	-	-	-
Aroclor-1262	SW-846:8082	ug/L	2	0	0	*0.1*	*0.101*	*0.102*	2	100	-	-	2	0	0	0	0.00064	HHPU	1	-	-	-
BHC[alpha-]	SW-846:8081A	ug/L	9	0	0	*0.02*	*0.03094*	*0.114*	9	100	-	-	1	0	0	0	0.049	HHPU	2	-	-	-
BHC[beta-]	SW-846:8081A	ug/L	9	0	0	*0.02*	*0.03094*	*0.114*	9	100	-	-	0	0	0	0	0.17	HHPU	2	-	-	-
BHC[delta-]	SW-846:8081A	ug/L	9	0	0	*0.02*	*0.03094*	*0.114*	9	100	-	-	0	0	0	0	-	-	2	-	-	-
BHC[gamma-]	SW-846:8081A	ug/L	9	0	0	*0.02*	*0.03094*	*0.114*	9	100	-	-	0	0	0	0	0.63	HHPU	2	-	-	-

Table B-1
Screening Table for Los Alamos Canyon Watershed (including Pueblo Canyon)

Analyte	Method	Units	No. of Analyses	No. of Detects	D Rate %	Min	Mean	Max	No. of Non-detects	ND Rate %	BV	D> BV	ND> Std	D> Std	D> Std/2	D>Std/2 Rate %	Level	Std Type	Locations with Data (number)	D>Std (number of locations)	D>Std/2 (number of locations)	D>Std Stations
Chlordane[alpha-]	SW-846:8081A	ug/L	9	0	0	0.02	0.03094	0.114	9	100	-	-	0	0	0	0	-	-	2	-	-	-
Chlordane[gamma-]	SW-846:8081A	ug/L	9	0	0	0.02	0.03094	0.114	9	100	-	-	0	0	0	0	-	-	2	-	-	-
DDD[4,4'-]	SW-846:8081A	ug/L	9	0	0	0.04	0.0618	0.227	9	100	-	-	9	0	0	0	0.0022	HHPU	2	-	-	-
DDE[4,4'-]	SW-846:8081A	ug/L	9	0	0	0.04	0.0618	0.227	9	100	-	-	9	0	0	0	0.0022	HHPU	2	-	-	-
DDT[4,4'-]	SW-846:8081A	ug/L	9	0	0	0.04	0.0618	0.227	9	100	-	-	9	0	0	0	0.0022	HHPU	2	-	-	-
Dieldrin	SW-846:8081A	ug/L	9	0	0	0.04	0.0618	0.227	9	100	-	-	9	0	0	0	0.00054	HHPU	2	-	-	-
Endosulfan I	SW-846:8081A	ug/L	9	0	0	0.02	0.03094	0.114	9	100	-	-	0	0	0	0	0.22	AqAcU	2	-	-	-
Endosulfan II	SW-846:8081A	ug/L	9	0	0	0.04	0.0618	0.227	9	100	-	-	1	0	0	0	0.22	AqAcU	2	-	-	-
Endosulfan Sulfate	SW-846:8081A	ug/L	9	0	0	0.04	0.0618	0.227	9	100	-	-	0	0	0	0	89	HHPU	2	-	-	-
Endrin	SW-846:8081A	ug/L	9	0	0	0.04	0.0618	0.227	9	100	-	-	1	0	0	0	0.086	AqAcU	2	-	-	-
Endrin Aldehyde	SW-846:8081A	ug/L	9	0	0	0.04	0.0618	0.227	9	100	-	-	0	0	0	0	0.3	HHPU	2	-	-	-
Endrin Ketone	SW-846:8081A	ug/L	9	0	0	0.04	0.0618	0.227	9	100	-	-	0	0	0	0	-	-	2	-	-	-
Heptachlor	SW-846:8081A	ug/L	9	0	0	0.02	0.03094	0.114	9	100	-	-	9	0	0	0	0.00079	HHPU	2	-	-	-
Heptachlor Epoxide	SW-846:8081A	ug/L	9	0	0	0.02	0.03094	0.114	9	100	-	-	9	0	0	0	0.00039	HHPU	2	-	-	-
Methoxychlor[4,4'-]	SW-846:8081A	ug/L	9	0	0	0.2	0.30944	1.14	9	100	-	-	0	0	0	0	-	-	2	-	-	-
Toxaphene (Technical Grade)	SW-846:8081A	ug/L	9	0	0	0.505	1.202	5.68	9	100	-	-	9	0	0	0	0.0028	HHPU	2	-	-	-
LA, Pesticides/PCBs, UF, Springs																						
Aldrin	SW-846:8081A	ug/L	15	0	0	0.02	0.02089	0.0225	15	100	-	-	0	0	0	0	0.03954796	Reg6	4	-	-	-
Aroclor-1016	EPA:608	ug/L	1	0	0	0.1	0.1	0.1	1	100	-	-	0	0	0	0	0.5	MCL	1	-	-	-
Aroclor-1016	SW-846:8082	ug/L	9	0	0	0.1	0.101	0.105	9	100	-	-	0	0	0	0	0.5	MCL	2	-	-	-
Aroclor-1221	EPA:608	ug/L	1	0	0	0.1	0.1	0.1	1	100	-	-	0	0	0	0	0.5	MCL	1	-	-	-
Aroclor-1221	SW-846:8082	ug/L	9	0	0	0.1	0.101	0.105	9	100	-	-	0	0	0	0	0.5	MCL	2	-	-	-
Aroclor-1232	EPA:608	ug/L	1	0	0	0.1	0.1	0.1	1	100	-	-	0	0	0	0	0.5	MCL	1	-	-	-
Aroclor-1232	SW-846:8082	ug/L	9	0	0	0.1	0.101	0.105	9	100	-	-	0	0	0	0	0.5	MCL	2	-	-	-
Aroclor-1242	EPA:608	ug/L	1	0	0	0.1	0.1	0.1	1	100	-	-	0	0	0	0	0.5	MCL	1	-	-	-
Aroclor-1242	SW-846:8082	ug/L	9	0	0	0.1	0.101	0.105	9	100	-	-	0	0	0	0	0.5	MCL	2	-	-	-
Aroclor-1248	EPA:608	ug/L	1	0	0	0.1	0.1	0.1	1	100	-	-	0	0	0	0	0.5	MCL	1	-	-	-
Aroclor-1248	SW-846:8082	ug/L	9	0	0	0.1	0.101	0.105	9	100	-	-	0	0	0	0	0.5	MCL	2	-	-	-
Aroclor-1254	EPA:608	ug/L	1	0	0	0.1	0.1	0.1	1	100	-	-	0	0	0	0	0.5	MCL	1	-	-	-
Aroclor-1254	SW-846:8082	ug/L	9	0	0	0.1	0.101	0.105	9	100	-	-	0	0	0	0	0.5	MCL	2	-	-	-
Aroclor-1260	EPA:608	ug/L	1	0	0	0.1	0.1	0.1	1	100	-	-	0	0	0	0	0.5	MCL	1	-	-	-
Aroclor-1260	SW-846:8082	ug/L	9	0	0	0.1	0.101	0.105	9	100	-	-	0	0	0	0	0.5	MCL	2	-	-	-
Aroclor-1262	EPA:608	ug/L	1	0	0	0.1	0.1	0.1	1	100	-	-	0	0	0	0	0.5	MCL	1	-	-	-
Aroclor-1262	SW-846:8082	ug/L	8	0	0	0.1	0.10113	0.105	8	100	-	-	0	0	0	0	0.5	MCL	2	-	-	-
BHC[alpha-]	SW-846:8081A	ug/L	15	0	0	0.02	0.02089	0.0225	15	100	-	-	0	0	0	0	0.1067167	Reg6	4	-	-	-
BHC[beta-]	SW-846:8081A	ug/L	15	0	0	0.02	0.02089	0.0225	15	100	-	-	0	0	0	0	0.3735085	Reg6	4	-	-	-
BHC[delta-]	SW-846:8081A	ug/L	15	0	0	0.02	0.02089	0.0225	15	100	-	-	0	0	0	0	-	-	4	-	-	-
BHC[gamma-]	SW-846:8081A	ug/L	15	0	0	0.02	0.02089	0.0225	15	100	-	-	0	0	0	0	0.2	MCL	4	-	-	-
Chlordane[alpha-]	SW-846:8081A	ug/L	15	0	0	0.02	0.02089	0.0225	15	100	-	-	0	0	0	0	-	-	4	-	-	-
Chlordane[gamma-]	SW-846:8081A	ug/L	15	0	0	0.02	0.02089	0.0225	15	100	-	-	0	0	0	0	-	-	4	-	-	-
DDD[4,4'-]	SW-846:8081A	ug/L	15	0	0	0.04	0.04179	0.0449	15	100	-	-	0	0	0	0	2.801314	Reg6	4	-	-	-
DDE[4,4'-]	SW-846:8081A	ug/L	15	0	0	0.04	0.04179	0.0449	15	100	-	-	0	0	0	0	1.977398	Reg6	4	-	-	-
DDT[4,4'-]	SW-846:8081A	ug/L	15	0	0	0.04	0.04179	0.0449	15	100	-	-	0	0	0	0	1.977398	Reg6	4	-	-	-
Dieldrin	SW-846:8081A	ug/L	15	0	0	0.04	0.04179	0.0449	15	100	-	-	6	0	0	0	0.04201971	Reg6	4	-	-	-
Endosulfan I	SW-846:8081A	ug/L	15	0	0	0.02	0.02089	0.0225	15	100	-	-	0	0	0	0	-	-	4	-	-	-
Endosulfan II	SW-846:8081A	ug/L	15	0	0	0.04	0.04179	0.0449	15	100	-	-	0	0	0	0	-	-	4	-	-	-
Endosulfan Sulfate	SW-846:8081A	ug/L	15	0	0	0.04	0.04179	0.0449	15	100	-	-	0	0	0	0	-	-	4	-	-	-
Endrin	SW-846:8081A	ug/L	15	0	0	0.04	0.04179	0.0449	15	100	-	-	0	0	0	0	2	MCL	4	-	-	-
Endrin Aldehyde	SW-846:8081A	ug/L	15	0	0	0.04	0.04179	0.0449	15	100	-	-	0	0	0	0	-	-	4	-	-	-
Endrin Ketone	SW-846:8081A	ug/L	15	0	0	0.04	0.04179	0.0449	15	100	-	-	0	0	0	0	-	-	4	-	-	-
Heptachlor	SW-846:8081A	ug/L	15	0	0	0.02	0.02089	0.0225	15	100	-	-	0	0	0	0	0.4	MCL	4	-	-	-
Heptachlor Epoxide	SW-846:8081A	ug/L	15	0	0	0.02	0.02089	0.0225	15	100	-	-	0	0	0	0	0.2	MCL	4	-	-	-
Methoxychlor[4,4'-]	SW-846:8081A	ug/L	15	0	0	0.2	0.20887	0.225	15	100	-	-	0	0	0	0	40	MCL	4	-	-	-
Toxaphene (Technical Grade)	SW-846:8081A	ug/L	15	0	0	0.5	0.65987	1.11	15	100	-	-	0	0	0	0	3	MCL	4	-	-	-
LA, Pesticides/PCBs, UF, Alluvial																						
Aldrin	SW-846:8081A	ug/L	75	0	0	0.0192	0.02088	0.027	75	100	-	-	0	0	0	0	0.03954796	Reg6	19	-	-	-
Aroclor-1016	EPA:608	ug/L	3	0	0	0.099	0.09967	0.1	3	100	-	-	0	0	0	0	0.5	MCL	3	-	-	-
Aroclor-1016	SW-846:8082	ug/L	35	0	0	0.098	0.10297	0.12	35	100	-	-	0	0	0	0	0.5	MCL	13	-	-	-
Aroclor-1221	EPA:608	ug/L	3	0	0	0.099	0.09967	0.1	3	100	-	-	0	0	0	0	0.5	MCL	3	-	-	-
Aroclor-1221	SW-846:8082	ug/L	35	0	0	0.098	0.10297	0.12	35	100	-	-	0	0	0	0	0.5	MCL	13	-	-	-

Table B-1
Screening Table for Los Alamos Canyon Watershed (including Pueblo Canyon)

Analyte	Method	Units	No. of Analyses	No. of Detects	D Rate %	Min	Mean	Max	No. of Non-detects	ND Rate %	BV	D> BV	ND> Std	D> Std	D> Std/2	D>Std/2 Rate %	Level	Std Type	Locations with Data (number)	D>Std (number of locations)	D>Std/2 (number of locations)	D>Std Stations
Aroclor-1232	EPA:608	ug/L	3	0	0	0.099	0.09967	0.1	3	100	-	-	0	0	0	0	0.5	MCL	3	-	-	-
Aroclor-1232	SW-846:8082	ug/L	35	0	0	0.098	0.10297	0.12	35	100	-	-	0	0	0	0	0.5	MCL	13	-	-	-
Aroclor-1242	EPA:608	ug/L	3	0	0	0.099	0.09967	0.1	3	100	-	-	0	0	0	0	0.5	MCL	3	-	-	-
Aroclor-1242	SW-846:8082	ug/L	35	0	0	0.09	0.10274	0.12	35	100	-	-	0	0	0	0	0.5	MCL	13	-	-	-
Aroclor-1248	EPA:608	ug/L	3	0	0	0.099	0.09967	0.1	3	100	-	-	0	0	0	0	0.5	MCL	3	-	-	-
Aroclor-1248	SW-846:8082	ug/L	35	0	0	0.098	0.10297	0.12	35	100	-	-	0	0	0	0	0.5	MCL	13	-	-	-
Aroclor-1254	EPA:608	ug/L	3	0	0	0.099	0.09967	0.1	3	100	-	-	0	0	0	0	0.5	MCL	3	-	-	-
Aroclor-1254	SW-846:8082	ug/L	35	0	0	0.098	0.10297	0.12	35	100	-	-	0	0	0	0	0.5	MCL	13	-	-	-
Aroclor-1260	EPA:608	ug/L	3	0	0	0.099	0.09967	0.1	3	100	-	-	0	0	0	0	0.5	MCL	3	-	-	-
Aroclor-1260	SW-846:8082	ug/L	35	1	3	0.063	0.063	0.063	34	97	-	-	0	0	0	0	0.5	MCL	13	-	-	-
Aroclor-1262	EPA:608	ug/L	3	0	0	0.099	0.09967	0.1	3	100	-	-	0	0	0	0	0.5	MCL	3	-	-	-
Aroclor-1262	SW-846:8082	ug/L	29	0	0	0.098	0.10331	0.12	29	100	-	-	0	0	0	0	0.5	MCL	13	-	-	-
BHC[alpha-]	SW-846:8081A	ug/L	75	0	0	0.0192	0.02088	0.027	75	100	-	-	0	0	0	0	0.1067167	Reg6	19	-	-	-
BHC[beta-]	SW-846:8081A	ug/L	75	0	0	0.0192	0.02088	0.027	75	100	-	-	0	0	0	0	0.3735085	Reg6	19	-	-	-
BHC[delta-]	SW-846:8081A	ug/L	75	1	1	0.411	0.411	0.411	74	99	-	-	0	0	0	0	-	-	19	-	-	-
BHC[gamma-]	SW-846:8081A	ug/L	75	0	0	0.0192	0.02088	0.027	75	100	-	-	0	0	0	0	0.2	MCL	19	-	-	-
Chlordane[alpha-]	SW-846:8081A	ug/L	75	0	0	0.0192	0.02088	0.027	75	100	-	-	0	0	0	0	-	-	19	-	-	-
Chlordane[gamma-]	SW-846:8081A	ug/L	75	0	0	0.0192	0.02088	0.027	75	100	-	-	0	0	0	0	-	-	19	-	-	-
DDD[4,4'-]	SW-846:8081A	ug/L	75	0	0	0.0385	0.04182	0.054	75	100	-	-	0	0	0	0	2.801314	Reg6	19	-	-	-
DDE[4,4'-]	SW-846:8081A	ug/L	74	0	0	0.0385	0.04183	0.054	74	100	-	-	0	0	0	0	1.977398	Reg6	19	-	-	-
DDT[4,4'-]	SW-846:8081A	ug/L	73	2	3	0.0065	0.00805	0.0096	71	97	-	-	0	0	0	0	1.977398	Reg6	19	-	-	-
Dieldrin	SW-846:8081A	ug/L	75	0	0	0.0385	0.04182	0.054	75	100	-	-	22	0	0	0	0.04201971	Reg6	19	-	-	-
Endosulfan I	SW-846:8081A	ug/L	75	0	0	0.0192	0.02086	0.027	75	100	-	-	0	0	0	0	-	-	19	-	-	-
Endosulfan II	SW-846:8081A	ug/L	75	0	0	0.0385	0.04182	0.054	75	100	-	-	0	0	0	0	-	-	19	-	-	-
Endosulfan Sulfate	SW-846:8081A	ug/L	75	0	0	0.0385	0.04182	0.054	75	100	-	-	0	0	0	0	-	-	19	-	-	-
Endrin	SW-846:8081A	ug/L	75	0	0	0.0385	0.04182	0.054	75	100	-	-	0	0	0	0	2	MCL	19	-	-	-
Endrin Aldehyde	SW-846:8081A	ug/L	75	1	1	0.0123	0.0123	0.0123	74	99	-	-	0	0	0	0	-	-	19	-	-	-
Endrin Ketone	SW-846:8081A	ug/L	75	0	0	0.0385	0.04182	0.054	75	100	-	-	0	0	0	0	-	-	19	-	-	-
Heptachlor	SW-846:8081A	ug/L	75	0	0	0.0192	0.02088	0.027	75	100	-	-	0	0	0	0	0.4	MCL	19	-	-	-
Heptachlor Epoxide	SW-846:8081A	ug/L	75	0	0	0.0192	0.02088	0.027	75	100	-	-	0	0	0	0	0.2	MCL	19	-	-	-
Methoxychlor[4,4'-]	SW-846:8081A	ug/L	75	0	0	0.192	0.20884	0.27	75	100	-	-	0	0	0	0	40	MCL	19	-	-	-
Toxaphene (Technical Grade)	SW-846:8081A	ug/L	75	0	0	0.5	0.68085	1.35	75	100	-	-	0	0	0	0	3	MCL	19	-	-	-
LA, Pesticides/PCBs, UF, Intermediate																						
Aldrin	SW-846:8081A	ug/L	53	1	2	0.0056	0.0056	0.0056	52	98	-	-	1	0	0	0	0.03954796	Reg6	11	-	-	-
Aroclor-1016	SW-846:8082	ug/L	37	0	0	0.096	0.10497	0.12	37	100	-	-	0	0	0	0	0.5	MCL	9	-	-	-
Aroclor-1221	SW-846:8082	ug/L	37	0	0	0.096	0.10497	0.12	37	100	-	-	0	0	0	0	0.5	MCL	9	-	-	-
Aroclor-1232	SW-846:8082	ug/L	37	0	0	0.096	0.10497	0.12	37	100	-	-	0	0	0	0	0.5	MCL	9	-	-	-
Aroclor-1242	SW-846:8082	ug/L	37	0	0	0.096	0.10497	0.12	37	100	-	-	0	0	0	0	0.5	MCL	9	-	-	-
Aroclor-1248	SW-846:8082	ug/L	37	0	0	0.096	0.10497	0.12	37	100	-	-	0	0	0	0	0.5	MCL	9	-	-	-
Aroclor-1254	SW-846:8082	ug/L	37	0	0	0.096	0.10497	0.12	37	100	-	-	0	0	0	0	0.5	MCL	9	-	-	-
Aroclor-1260	SW-846:8082	ug/L	37	0	0	0.096	0.10497	0.12	37	100	-	-	0	0	0	0	0.5	MCL	9	-	-	-
Aroclor-1262	SW-846:8082	ug/L	30	0	0	0.096	0.10507	0.119	30	100	-	-	0	0	0	0	0.5	MCL	8	-	-	-
BHC[alpha-]	SW-846:8081A	ug/L	53	1	2	0.0056	0.0056	0.0056	52	98	-	-	0	0	0	0	0.1067167	Reg6	11	-	-	-
BHC[beta-]	SW-846:8081A	ug/L	53	1	2	0.0091	0.0091	0.0091	52	98	-	-	0	0	0	0	0.3735085	Reg6	11	-	-	-
BHC[delta-]	SW-846:8081A	ug/L	53	1	2	0.0058	0.0058	0.0058	52	98	-	-	0	0	0	0	-	-	11	-	-	-
BHC[gamma-]	SW-846:8081A	ug/L	53	1	2	0.0055	0.0055	0.0055	52	98	-	-	0	0	0	0	0.2	MCL	11	-	-	-
Chlordane[alpha-]	SW-846:8081A	ug/L	53	1	2	0.0067	0.0067	0.0067	52	98	-	-	0	0	0	0	-	-	11	-	-	-
Chlordane[gamma-]	SW-846:8081A	ug/L	53	1	2	0.0063	0.0063	0.0063	52	98	-	-	0	0	0	0	-	-	11	-	-	-
DDD[4,4'-]	SW-846:8081A	ug/L	53	1	2	0.018	0.018	0.018	52	98	-	-	0	0	0	0	2.801314	Reg6	11	-	-	-
DDE[4,4'-]	SW-846:8081A	ug/L	52	1	2	0.017	0.017	0.017	51	98	-	-	0	0	0	0	1.977398	Reg6	11	-	-	-
DDT[4,4'-]	SW-846:8081A	ug/L	53	2	4	0.02	0.02265	0.0253	51	96	-	-	0	0	0	0	1.977398	Reg6	11	-	-	-
Dieldrin	SW-846:8081A	ug/L	53	1	2	0.013	0.013	0.013	52	98	-	-	26	0	0	0	0.04201971	Reg6	11	-	-	-
Endosulfan I	SW-846:8081A	ug/L	53	1	2	0.0053	0.0053	0.0053	52	98	-	-	0	0	0	0	-	-	11	-	-	-
Endosulfan II	SW-846:8081A	ug/L	52	1	2	0.0088	0.0088	0.0088	51	98	-	-	0	0	0	0	-	-	11	-	-	-
Endosulfan Sulfate	SW-846:8081A	ug/L	53	0	0	0.0381	0.04289	0.08	53	100	-	-	0	0	0	0	-	-	11	-	-	-
Endrin	SW-846:8081A	ug/L	53	1	2	0.017	0.017	0.017	52	98	-	-	0	0	0	0	2	MCL	11	-	-	-
Endrin Aldehyde	SW-846:8081A	ug/L	52	0	0	0.0381	0.04295	0.08	52	100	-	-	0	0	0	0	-	-	11	-	-	-
Endrin Ketone	SW-846:8081A	ug/L	53	1	2	0.0091	0.0091	0.0091	52	98	-	-	0	0	0	0	-	-	11	-	-	-
Heptachlor	SW-846:8081A	ug/L	53	1	2	0.0066	0.0066	0.0066	52	98	-	-	0	0	0	0	0.4	MCL	11	-	-	-
Heptachlor Epoxide	SW-846:8081A	ug/L	53	1	2	0.0056	0.0056	0.0056	52	98	-	-	0	0	0	0	0.2	MCL	11	-	-	-

Table B-1
Screening Table for Los Alamos Canyon Watershed (including Pueblo Canyon)

Analyte	Method	Units	No. of Analyses	No. of Detects	D Rate %	Min	Mean	Max	No. of Non-detects	ND Rate %	BV	D> BV	ND> Std	D> Std	D> Std/2	D>Std/2 Rate %	Level	Std Type	Locations with Data (number)	D>Std (number of locations)	D>Std/2 (number of locations)	D>Std Stations
Methoxychlor[4,4'-]	SW-846:8081A	ug/L	53	0	0	*0.19*	*0.21449*	*0.4*	53	100	-	-	0	0	0	0	40	MCL	11	-	-	-
Toxaphene (Technical Grade)	SW-846:8081A	ug/L	53	0	0	*0.5*	*0.63475*	*1.18*	53	100	-	-	0	0	0	0	3	MCL	11	-	-	-
LA, Pesticides/PCBs, UF, Regional																						
Aldrin	SW-846:8081A	ug/L	68	0	0	*0.0196*	*0.02253*	*0.106*	68	100	-	-	1	0	0	0	0.03954796	Reg6	8	-	-	-
Aroclor-1016	SW-846:8082	ug/L	54	0	0	*0.1*	*0.10539*	*0.13*	54	100	-	-	0	0	0	0	0.5	MCL	8	-	-	-
Aroclor-1221	SW-846:8082	ug/L	54	0	0	*0.1*	*0.10539*	*0.13*	54	100	-	-	0	0	0	0	0.5	MCL	8	-	-	-
Aroclor-1232	SW-846:8082	ug/L	54	0	0	*0.1*	*0.10539*	*0.13*	54	100	-	-	0	0	0	0	0.5	MCL	8	-	-	-
Aroclor-1242	SW-846:8082	ug/L	54	0	0	*0.1*	*0.10539*	*0.13*	54	100	-	-	0	0	0	0	0.5	MCL	8	-	-	-
Aroclor-1248	SW-846:8082	ug/L	54	0	0	*0.1*	*0.10539*	*0.13*	54	100	-	-	0	0	0	0	0.5	MCL	8	-	-	-
Aroclor-1254	SW-846:8082	ug/L	54	1	2	0.059	0.059	0.059	53	98	-	-	0	0	0	0	0.5	MCL	8	-	-	-
Aroclor-1260	SW-846:8082	ug/L	54	0	0	*0.1*	*0.10539*	*0.13*	54	100	-	-	0	0	0	0	0.5	MCL	8	-	-	-
Aroclor-1262	SW-846:8082	ug/L	28	0	0	*0.1*	*0.10361*	*0.12*	28	100	-	-	0	0	0	0	0.5	MCL	8	-	-	-
BHC[alpha-]	SW-846:8081A	ug/L	68	0	0	*0.0196*	*0.02253*	*0.106*	68	100	-	-	0	0	0	0	0.1067167	Reg6	8	-	-	-
BHC[beta-]	SW-846:8081A	ug/L	68	0	0	*0.0196*	*0.02253*	*0.106*	68	100	-	-	0	0	0	0	0.3735085	Reg6	8	-	-	-
BHC[delta-]	SW-846:8081A	ug/L	68	0	0	*0.0196*	*0.02253*	*0.106*	68	100	-	-	0	0	0	0	-	-	8	-	-	-
BHC[gamma-]	SW-846:8081A	ug/L	68	0	0	*0.0196*	*0.02253*	*0.106*	68	100	-	-	0	0	0	0	0.2	MCL	8	-	-	-
Chlordane[alpha-]	SW-846:8081A	ug/L	68	0	0	*0.0196*	*0.02253*	*0.106*	68	100	-	-	0	0	0	0	-	-	8	-	-	-
Chlordane[gamma-]	SW-846:8081A	ug/L	68	1	1	0.00613	0.00613	0.00613	67	99	-	-	0	0	0	0	-	-	8	-	-	-
DDD[4,4'-]	SW-846:8081A	ug/L	68	0	0	*0.0392*	*0.0451*	*0.213*	68	100	-	-	0	0	0	0	2.801314	Reg6	8	-	-	-
DDE[4,4'-]	SW-846:8081A	ug/L	67	3	4	0.00505	0.01705	0.0257	64	96	-	-	0	0	0	0	1.977398	Reg6	8	-	-	-
DDT[4,4'-]	SW-846:8081A	ug/L	67	3	4	0.0119	0.02957	0.0415	64	96	-	-	0	0	0	0	1.977398	Reg6	8	-	-	-
Dieldrin	SW-846:8081A	ug/L	68	0	0	*0.0392*	*0.0451*	*0.213*	68	100	-	-	38	0	0	0	0.04201971	Reg6	8	-	-	-
Endosulfan I	SW-846:8081A	ug/L	68	0	0	*0.0196*	*0.02253*	*0.106*	68	100	-	-	0	0	0	0	-	-	8	-	-	-
Endosulfan II	SW-846:8081A	ug/L	66	0	0	*0.0392*	*0.04517*	*0.213*	66	100	-	-	0	0	0	0	-	-	8	-	-	-
Endosulfan Sulfate	SW-846:8081A	ug/L	68	0	0	*0.0078*	*0.04459*	*0.213*	68	100	-	-	0	0	0	0	-	-	8	-	-	-
Endrin	SW-846:8081A	ug/L	68	0	0	*0.0392*	*0.0451*	*0.213*	68	100	-	-	0	0	0	0	2	MCL	8	-	-	-
Endrin Aldehyde	SW-846:8081A	ug/L	66	0	0	*0.0392*	*0.04519*	*0.213*	66	100	-	-	0	0	0	0	-	-	8	-	-	-
Endrin Ketone	SW-846:8081A	ug/L	68	0	0	*0.0392*	*0.0451*	*0.213*	68	100	-	-	0	0	0	0	-	-	8	-	-	-
Heptachlor	SW-846:8081A	ug/L	67	0	0	*0.0196*	*0.02253*	*0.106*	67	100	-	-	0	0	0	0	0.4	MCL	8	-	-	-
Heptachlor Epoxide	SW-846:8081A	ug/L	68	0	0	*0.0196*	*0.02253*	*0.106*	68	100	-	-	0	0	0	0	0.2	MCL	8	-	-	-
Methoxychlor[4,4'-]	SW-846:8081A	ug/L	68	0	0	*0.196*	*0.22532*	*1.06*	68	100	-	-	0	0	0	0	40	MCL	8	-	-	-
Toxaphene (Technical Grade)	SW-846:8081A	ug/L	68	0	0	*0.5*	*0.75826*	*2.66*	68	100	-	-	0	0	0	0	3	MCL	8	-	-	-
LA, SVOA, UF, Ephemeral																						
Acenaphthene	EPA:625	ug/L	8	0	0	*0.98*	*1.0975*	*1.5*	8	100	-	-	0	0	0	0	-	-	5	-	-	-
Acenaphthene	SW-846:8270C	ug/L	11	0	0	*1.01*	*1.19364*	*2.22*	11	100	-	-	0	0	0	0	-	-	5	-	-	-
Acenaphthene	SW-846:8310	ug/L	1	0	0	*0.825*	*0.825*	*0.825*	1	100	-	-	0	0	0	0	-	-	1	-	-	-
Acenaphthylene	EPA:625	ug/L	8	0	0	*0.98*	*1.0975*	*1.5*	8	100	-	-	0	0	0	0	-	-	5	-	-	-
Acenaphthylene	SW-846:8270C	ug/L	11	0	0	*1.01*	*1.19364*	*2.22*	11	100	-	-	0	0	0	0	-	-	5	-	-	-
Acenaphthylene	SW-846:8310	ug/L	1	0	0	*0.5*	*0.5*	*0.5*	1	100	-	-	0	0	0	0	-	-	1	-	-	-
Aniline	EPA:625	ug/L	8	0	0	*9.8*	*11.15*	*15.4*	8	100	-	-	0	0	0	0	-	-	5	-	-	-
Aniline	SW-846:8270C	ug/L	12	0	0	*10.1*	*11.8167*	*22.2*	12	100	-	-	0	0	0	0	-	-	5	-	-	-
Anthracene	EPA:625	ug/L	8	0	0	*0.98*	*1.0975*	*1.5*	8	100	-	-	0	0	0	0	-	-	5	-	-	-
Anthracene	SW-846:8270C	ug/L	11	0	0	*1.01*	*1.19364*	*2.22*	11	100	-	-	0	0	0	0	-	-	5	-	-	-
Anthracene	SW-846:8310	ug/L	1	0	0	*0.5*	*0.5*	*0.5*	1	100	-	-	0	0	0	0	-	-	1	-	-	-
Atrazine	SW-846:8270C	ug/L	11	0	0	*10.1*	*11.9364*	*22.2*	11	100	-	-	0	0	0	0	-	-	5	-	-	-
Azobenzene	EPA:625	ug/L	7	0	0	*10.2*	*11.3429*	*15.4*	7	100	-	-	0	0	0	0	-	-	5	-	-	-
Azobenzene	SW-846:8270C	ug/L	12	0	0	*1*	*11.025*	*22.2*	12	100	-	-	0	0	0	0	-	-	5	-	-	-
Benzidine	EPA:625	ug/L	2	0	0	*49*	*50*	*51*	2	100	-	-	0	0	0	0	-	-	1	-	-	-
Benzidine	SW-846:8270C	ug/L	8	0	0	*10.6*	*22.65*	*51.5*	8	100	-	-	0	0	0	0	-	-	5	-	-	-
Benzo(a)anthracene	EPA:625	ug/L	8	0	0	*0.98*	*1.0975*	*1.5*	8	100	-	-	0	0	0	0	-	-	5	-	-	-
Benzo(a)anthracene	SW-846:8270C	ug/L	11	0	0	*1.01*	*1.19364*	*2.22*	11	100	-	-	0	0	0	0	-	-	5	-	-	-
Benzo(a)anthracene	SW-846:8310	ug/L	1	0	0	*0.0173*	*0.0173*	*0.0173*	1	100	-	-	0	0	0	0	-	-	1	-	-	-
Benzo(a)pyrene	EPA:625	ug/L	8	0	0	*0.98*	*1.0975*	*1.5*	8	100	-	-	8	0	0	0	0.18	HHEU	5	-	-	-
Benzo(a)pyrene	SW-846:8270C	ug/L	11	0	0	*1.01*	*1.19364*	*2.22*	11	100	-	-	11	0	0	0	0.18	HHEU	5	-	-	-
Benzo(a)pyrene	SW-846:8310	ug/L	1	0	0	*0.05*	*0.05*	*0.05*	1	100	-	-	0	0	0	0	0.18	HHEU	1	-	-	-
Benzo(b)fluoranthene	EPA:625	ug/L	8	0	0	*0.98*	*1.0975*	*1.5*	8	100	-	-	0	0	0	0	-	-	5	-	-	-
Benzo(b)fluoranthene	SW-846:8270C	ug/L	11	0	0	*1.01*	*1.19364*	*2.22*	11	100	-	-	0	0	0	0	-	-	5	-	-	-
Benzo(b)fluoranthene	SW-846:8310	ug/L	1	0	0	*0.05*	*0.05*	*0.05*	1	100	-	-	0	0	0	0	-	-	1	-	-	-
Benzo(g,h,i)perylene	EPA:625	ug/L	8	0	0	*0.98*	*1.0975*	*1.5*	8	100	-	-	0	0	0	0	-	-	5	-	-	-
Benzo(g,h,i)perylene	SW-846:8270C	ug/L	10	0	0	*1.01*	*1.181*	*2.22*	10	100	-	-	0	0	0	0	-	-	5	-	-	-

Table B-1
Screening Table for Los Alamos Canyon Watershed (including Pueblo Canyon)

Analyte	Method	Units	No. of Analyses	No. of Detects	D Rate %	Min	Mean	Max	No. of Non-detects	ND Rate %	BV	D> BV	ND> Std	D> Std	D> Std/2	D>Std/2 Rate %	Level	Std Type	Locations with Data (number)	D>Std (number of locations)	D>Std/2 (number of locations)	D>Std Stations
Benzo(g,h,i)perylene	SW-846:8310	ug/L	1	0	0	0.05	0.05	0.05	1	100	-	-	0	0	0	0	-	-	1	-	-	-
Benzo(k)fluoranthene	EPA:625	ug/L	8	0	0	0.98	1.0975	1.5	8	100	-	-	0	0	0	0	-	-	5	-	-	-
Benzo(k)fluoranthene	SW-846:8270C	ug/L	11	0	0	1.01	1.19364	2.22	11	100	-	-	0	0	0	0	-	-	5	-	-	-
Benzo(k)fluoranthene	SW-846:8310	ug/L	1	0	0	0.025	0.025	0.025	1	100	-	-	0	0	0	0	-	-	1	-	-	-
Benzoic Acid	EPA:625	ug/L	4	0	0	19.6	21.05	22.2	4	100	-	-	0	0	0	0	-	-	3	-	-	-
Benzoic Acid	SW-846:8270C	ug/L	11	0	0	20.2	23.8091	44.4	11	100	-	-	0	0	0	0	-	-	5	-	-	-
Benzyl Alcohol	EPA:625	ug/L	6	0	0	9.8	11.4167	15.4	6	100	-	-	0	0	0	0	-	-	5	-	-	-
Benzyl Alcohol	SW-846:8270C	ug/L	12	0	0	10.1	11.8167	22.2	12	100	-	-	0	0	0	0	-	-	5	-	-	-
Bis(2-chloroethoxy)methane	EPA:625	ug/L	8	0	0	9.8	11.15	15.4	8	100	-	-	0	0	0	0	-	-	5	-	-	-
Bis(2-chloroethoxy)methane	SW-846:8270C	ug/L	12	0	0	10.1	11.8167	22.2	12	100	-	-	0	0	0	0	-	-	5	-	-	-
Bis(2-chloroethyl)ether	EPA:625	ug/L	8	0	0	9.8	11.15	15.4	8	100	-	-	0	0	0	0	-	-	5	-	-	-
Bis(2-chloroethyl)ether	SW-846:8270C	ug/L	12	0	0	10.1	11.8167	22.2	12	100	-	-	0	0	0	0	-	-	5	-	-	-
Bis(2-ethylhexyl)phthalate	EPA:625	ug/L	8	1	13	6.4	6.4	6.4	7	88	-	-	0	0	0	0	-	-	5	-	-	-
Bis(2-ethylhexyl)phthalate	SW-846:8270C	ug/L	12	4	33	2.37	4.7175	6.57	8	67	-	-	0	0	0	0	-	-	5	-	-	-
Bromophenyl-phenylether[4-]	EPA:625	ug/L	8	0	0	9.8	11.15	15.4	8	100	-	-	0	0	0	0	-	-	5	-	-	-
Bromophenyl-phenylether[4-]	SW-846:8270C	ug/L	12	0	0	10.1	11.8167	22.2	12	100	-	-	0	0	0	0	-	-	5	-	-	-
Butylbenzylphthalate	EPA:625	ug/L	8	0	0	9.8	11.15	15.4	8	100	-	-	0	0	0	0	-	-	5	-	-	-
Butylbenzylphthalate	SW-846:8270C	ug/L	12	0	0	10.1	11.8167	22.2	12	100	-	-	0	0	0	0	-	-	5	-	-	-
Chloro-3-methylphenol[4-]	EPA:625	ug/L	6	0	0	9.8	11.4167	15.4	6	100	-	-	0	0	0	0	-	-	5	-	-	-
Chloro-3-methylphenol[4-]	SW-846:8270C	ug/L	11	0	0	10.1	11.9	22.2	11	100	-	-	0	0	0	0	-	-	5	-	-	-
Chloroaniline[4-]	EPA:625	ug/L	8	0	0	9.8	11.15	15.4	8	100	-	-	0	0	0	0	-	-	5	-	-	-
Chloroaniline[4-]	SW-846:8270C	ug/L	12	0	0	10.1	11.8167	22.2	12	100	-	-	0	0	0	0	-	-	5	-	-	-
Chloronaphthalene[2-]	EPA:625	ug/L	8	0	0	0.98	1.0975	1.5	8	100	-	-	0	0	0	0	-	-	5	-	-	-
Chloronaphthalene[2-]	SW-846:8270C	ug/L	12	0	0	1	1.1775	2.22	12	100	-	-	0	0	0	0	-	-	5	-	-	-
Chlorophenol[2-]	EPA:625	ug/L	6	0	0	9.8	11.4167	15.4	6	100	-	-	0	0	0	0	-	-	5	-	-	-
Chlorophenol[2-]	SW-846:8270C	ug/L	11	0	0	10.1	11.9	22.2	11	100	-	-	0	0	0	0	-	-	5	-	-	-
Chlorophenyl-phenyl[4-] Ether	EPA:625	ug/L	8	0	0	9.8	11.15	15.4	8	100	-	-	0	0	0	0	-	-	5	-	-	-
Chlorophenyl-phenyl[4-] Ether	SW-846:8270C	ug/L	12	0	0	10.1	11.8167	22.2	12	100	-	-	0	0	0	0	-	-	5	-	-	-
Chrysene	EPA:625	ug/L	8	0	0	0.98	1.0975	1.5	8	100	-	-	0	0	0	0	-	-	5	-	-	-
Chrysene	SW-846:8270C	ug/L	11	0	0	1.01	1.19364	2.22	11	100	-	-	0	0	0	0	-	-	5	-	-	-
Chrysene	SW-846:8310	ug/L	1	0	0	0.05	0.05	0.05	1	100	-	-	0	0	0	0	-	-	1	-	-	-
Dibenz(a,h)anthracene	EPA:625	ug/L	8	0	0	0.98	1.0975	1.5	8	100	-	-	0	0	0	0	-	-	5	-	-	-
Dibenz(a,h)anthracene	SW-846:8270C	ug/L	11	0	0	1.01	1.19364	2.22	11	100	-	-	0	0	0	0	-	-	5	-	-	-
Dibenz(a,h)anthracene	SW-846:8310	ug/L	1	0	0	0.0138	0.0138	0.0138	1	100	-	-	0	0	0	0	-	-	1	-	-	-
Dibenzofuran	EPA:625	ug/L	8	0	0	9.8	11.15	15.4	8	100	-	-	0	0	0	0	-	-	5	-	-	-
Dibenzofuran	SW-846:8270C	ug/L	12	0	0	10.1	11.8167	22.2	12	100	-	-	0	0	0	0	-	-	5	-	-	-
Dichlorobenzene[1,2-]	EPA:625	ug/L	8	0	0	9.8	11.15	15.4	8	100	-	-	0	0	0	0	-	-	5	-	-	-
Dichlorobenzene[1,2-]	SW-846:8270C	ug/L	12	0	0	10.1	11.8167	22.2	12	100	-	-	0	0	0	0	-	-	5	-	-	-
Dichlorobenzene[1,3-]	EPA:625	ug/L	8	0	0	9.8	11.15	15.4	8	100	-	-	0	0	0	0	-	-	5	-	-	-
Dichlorobenzene[1,3-]	SW-846:8270C	ug/L	12	0	0	10.1	11.8167	22.2	12	100	-	-	0	0	0	0	-	-	5	-	-	-
Dichlorobenzene[1,4-]	EPA:625	ug/L	8	0	0	9.8	11.15	15.4	8	100	-	-	0	0	0	0	-	-	5	-	-	-
Dichlorobenzene[1,4-]	SW-846:8270C	ug/L	12	0	0	10.1	11.8167	22.2	12	100	-	-	0	0	0	0	-	-	5	-	-	-
Dichlorobenzidine[3,3'-]	EPA:625	ug/L	8	0	0	9.8	11.15	15.4	8	100	-	-	0	0	0	0	-	-	5	-	-	-
Dichlorobenzidine[3,3'-]	SW-846:8270C	ug/L	11	0	0	10.1	11.9	22.2	11	100	-	-	0	0	0	0	-	-	5	-	-	-
Dichlorophenol[2,4-]	EPA:625	ug/L	6	0	0	9.8	11.4167	15.4	6	100	-	-	0	0	0	0	-	-	5	-	-	-
Dichlorophenol[2,4-]	SW-846:8270C	ug/L	11	0	0	10.1	11.9	22.2	11	100	-	-	0	0	0	0	-	-	5	-	-	-
Diethylphthalate	EPA:625	ug/L	8	0	0	9.8	11.15	15.4	8	100	-	-	0	0	0	0	-	-	5	-	-	-
Diethylphthalate	SW-846:8270C	ug/L	12	0	0	10.1	11.8167	22.2	12	100	-	-	0	0	0	0	-	-	5	-	-	-
Dimethyl Phthalate	EPA:625	ug/L	8	0	0	9.8	11.15	15.4	8	100	-	-	0	0	0	0	-	-	5	-	-	-
Dimethyl Phthalate	SW-846:8270C	ug/L	12	0	0	10.1	11.8167	22.2	12	100	-	-	0	0	0	0	-	-	5	-	-	-
Dimethylphenol[2,4-]	EPA:625	ug/L	6	0	0	9.8	11.4167	15.4	6	100	-	-	0	0	0	0	-	-	5	-	-	-
Dimethylphenol[2,4-]	SW-846:8270C	ug/L	11	0	0	10.1	11.9	22.2	11	100	-	-	0	0	0	0	-	-	5	-	-	-
Di-n-butylphthalate	EPA:625	ug/L	8	0	0	9.8	11.15	15.4	8	100	-	-	0	0	0	0	-	-	5	-	-	-
Di-n-butylphthalate	SW-846:8270C	ug/L	12	0	0	10.1	11.8167	22.2	12	100	-	-	0	0	0	0	-	-	5	-	-	-
Dinitro-2-methylphenol[4,6-]	EPA:625	ug/L	6	0	0	9.8	11.4167	15.4	6	100	-	-	0	0	0	0	-	-	5	-	-	-
Dinitro-2-methylphenol[4,6-]	SW-846:8270C	ug/L	11	0	0	10.1	11.9	22.2	11	100	-	-	0	0	0	0	-	-	5	-	-	-
Dinitrophenol[2,4-]	EPA:625	ug/L	6	0	0	19.6	22.8333	30.8	6	100	-	-	0	0	0	0	-	-	5	-	-	-
Dinitrophenol[2,4-]	SW-846:8270C	ug/L	11	0	0	20.2	23.8091	44.4	11	100	-	-	0	0	0	0	-	-	5	-	-	-
Dinitrotoluene[2,4-]	EPA:625	ug/L	8	0	0	9.8	11.15	15.4	8	100	-	-	0	0	0	0	-	-	5	-	-	-
Dinitrotoluene[2,4-]	SW-846:8270C	ug/L	12	0	0	10.1	11.8167	22.2	12	100	-	-	0	0	0	0	-	-	5	-	-	-

Table B-1
Screening Table for Los Alamos Canyon Watershed (including Pueblo Canyon)

Analyte	Method	Units	No. of Analyses	No. of Detects	D Rate %	Min	Mean	Max	No. of Non-detects	ND Rate %	BV	D> BV	ND> Std	D> Std	D> Std/2	D>Std/2 Rate %	Level	Std Type	Locations with Data (number)	D>Std (number of locations)	D>Std/2 (number of locations)	D>Std Stations
Dinitrotoluene[2,6-]	EPA:625	ug/L	8	0	0	9.8	11.15	15.4	8	100	-	-	0	0	0	0	-	-	5	-	-	-
Dinitrotoluene[2,6-]	SW-846:8270C	ug/L	12	0	0	10.1	11.8167	22.2	12	100	-	-	0	0	0	0	-	-	5	-	-	-
Di-n-octylphthalate	EPA:625	ug/L	8	0	0	9.8	11.15	15.4	8	100	-	-	0	0	0	0	-	-	5	-	-	-
Di-n-octylphthalate	SW-846:8270C	ug/L	12	0	0	10.1	11.8167	22.2	12	100	-	-	0	0	0	0	-	-	5	-	-	-
Dinoseb	SW-846:8270C	ug/L	10	0	0	10.1	12.04	22.2	10	100	-	-	0	0	0	0	-	-	5	-	-	-
Dioxane[1,4-]	SW-846:8270C	ug/L	11	0	0	10.1	11.9364	22.2	11	100	-	-	0	0	0	0	-	-	5	-	-	-
Diphenylamine	EPA:625	ug/L	8	0	0	9.8	11.15	15.4	8	100	-	-	0	0	0	0	-	-	5	-	-	-
Diphenylamine	SW-846:8270C	ug/L	11	0	0	10.1	11.9364	22.2	11	100	-	-	0	0	0	0	-	-	5	-	-	-
Diphenylhydrazine[1,2-]	EPA:625	ug/L	1	0	0	9.8	9.8	9.8	1	100	-	-	0	0	0	0	-	-	1	-	-	-
Fluoranthene	EPA:625	ug/L	8	0	0	0.98	1.0975	1.5	8	100	-	-	0	0	0	0	-	-	5	-	-	-
Fluoranthene	SW-846:8270C	ug/L	11	0	0	1.01	1.19364	2.22	11	100	-	-	0	0	0	0	-	-	5	-	-	-
Fluoranthene	SW-846:8310	ug/L	1	0	0	0.05	0.05	0.05	1	100	-	-	0	0	0	0	-	-	1	-	-	-
Fluorene	EPA:625	ug/L	8	0	0	0.98	1.0975	1.5	8	100	-	-	0	0	0	0	-	-	5	-	-	-
Fluorene	SW-846:8270C	ug/L	11	0	0	1.01	1.19364	2.22	11	100	-	-	0	0	0	0	-	-	5	-	-	-
Fluorene	SW-846:8310	ug/L	1	0	0	0.5	0.5	0.5	1	100	-	-	0	0	0	0	-	-	1	-	-	-
Hexachlorobenzene	EPA:625	ug/L	8	0	0	9.8	11.15	15.4	8	100	-	-	8	0	0	0	0.0029	HHEU	5	-	-	-
Hexachlorobenzene	SW-846:8270C	ug/L	12	0	0	10.1	11.8167	22.2	12	100	-	-	12	0	0	0	0.0029	HHEU	5	-	-	-
Hexachlorobutadiene	EPA:625	ug/L	8	0	0	9.8	11.15	15.4	8	100	-	-	0	0	0	0	-	-	5	-	-	-
Hexachlorobutadiene	SW-846:8270C	ug/L	12	0	0	10.1	11.8167	22.2	12	100	-	-	0	0	0	0	-	-	5	-	-	-
Hexachlorocyclopentadiene	EPA:625	ug/L	8	0	0	9.8	11.15	15.4	8	100	-	-	0	0	0	0	-	-	5	-	-	-
Hexachlorocyclopentadiene	SW-846:8270C	ug/L	12	0	0	10.1	11.8167	22.2	12	100	-	-	0	0	0	0	-	-	5	-	-	-
Hexachloroethane	EPA:625	ug/L	8	0	0	9.8	11.15	15.4	8	100	-	-	0	0	0	0	-	-	5	-	-	-
Hexachloroethane	SW-846:8270C	ug/L	12	0	0	10.1	11.8167	22.2	12	100	-	-	0	0	0	0	-	-	5	-	-	-
Indeno(1,2,3-cd)pyrene	EPA:625	ug/L	8	0	0	0.98	1.0975	1.5	8	100	-	-	0	0	0	0	-	-	5	-	-	-
Indeno(1,2,3-cd)pyrene	SW-846:8270C	ug/L	11	0	0	1.01	1.19364	2.22	11	100	-	-	0	0	0	0	-	-	5	-	-	-
Indeno(1,2,3-cd)pyrene	SW-846:8310	ug/L	1	0	0	0.05	0.05	0.05	1	100	-	-	0	0	0	0	-	-	1	-	-	-
Isophorone	EPA:625	ug/L	8	0	0	9.8	11.15	15.4	8	100	-	-	0	0	0	0	-	-	5	-	-	-
Isophorone	SW-846:8270C	ug/L	12	0	0	10.1	11.8167	22.2	12	100	-	-	0	0	0	0	-	-	5	-	-	-
Methylnaphthalene[1-]	SW-846:8270C	ug/L	11	0	0	1.01	1.19364	2.22	11	100	-	-	0	0	0	0	-	-	5	-	-	-
Methylnaphthalene[2-]	EPA:625	ug/L	8	0	0	0.98	1.0975	1.5	8	100	-	-	0	0	0	0	-	-	5	-	-	-
Methylnaphthalene[2-]	SW-846:8270C	ug/L	12	0	0	1	1.1775	2.22	12	100	-	-	0	0	0	0	-	-	5	-	-	-
Methylphenol[2-]	EPA:625	ug/L	6	0	0	9.8	11.4167	15.4	6	100	-	-	0	0	0	0	-	-	5	-	-	-
Methylphenol[2-]	SW-846:8270C	ug/L	11	0	0	10.1	11.9	22.2	11	100	-	-	0	0	0	0	-	-	5	-	-	-
Methylphenol[3-,4-]	SW-846:8270C	ug/L	10	0	0	10.1	12.04	22.2	10	100	-	-	0	0	0	0	-	-	5	-	-	-
Methylphenol[4-]	EPA:625	ug/L	6	0	0	9.8	11.4167	15.4	6	100	-	-	0	0	0	0	-	-	5	-	-	-
Methylphenol[4-]	SW-846:8270C	ug/L	1	0	0	10.5	10.5	10.5	1	100	-	-	0	0	0	0	-	-	1	-	-	-
Methylpyridine[2-]	EPA:625	ug/L	8	0	0	9.8	11.15	15.4	8	100	-	-	0	0	0	0	-	-	5	-	-	-
Naphthalene	EPA:625	ug/L	8	0	0	0.98	1.0975	1.5	8	100	-	-	0	0	0	0	-	-	5	-	-	-
Naphthalene	SW-846:8270C	ug/L	11	0	0	1.01	1.19364	2.22	11	100	-	-	0	0	0	0	-	-	5	-	-	-
Naphthalene	SW-846:8310	ug/L	1	0	0	0.5	0.5	0.5	1	100	-	-	0	0	0	0	-	-	1	-	-	-
Nitroaniline[2-]	EPA:625	ug/L	8	0	0	9.8	11.15	15.4	8	100	-	-	0	0	0	0	-	-	5	-	-	-
Nitroaniline[2-]	SW-846:8270C	ug/L	12	0	0	10.1	11.8167	22.2	12	100	-	-	0	0	0	0	-	-	5	-	-	-
Nitroaniline[3-]	EPA:625	ug/L	8	0	0	9.8	11.15	15.4	8	100	-	-	0	0	0	0	-	-	5	-	-	-
Nitroaniline[3-]	SW-846:8270C	ug/L	12	0	0	10.1	11.8167	22.2	12	100	-	-	0	0	0	0	-	-	5	-	-	-
Nitroaniline[4-]	EPA:625	ug/L	8	0	0	9.8	11.15	15.4	8	100	-	-	0	0	0	0	-	-	5	-	-	-
Nitroaniline[4-]	SW-846:8270C	ug/L	12	0	0	10.1	11.8167	22.2	12	100	-	-	0	0	0	0	-	-	5	-	-	-
Nitrobenzene	EPA:625	ug/L	8	0	0	9.8	11.15	15.4	8	100	-	-	0	0	0	0	-	-	5	-	-	-
Nitrobenzene	SW-846:8270C	ug/L	12	0	0	10.1	11.8167	22.2	12	100	-	-	0	0	0	0	-	-	5	-	-	-
Nitrophenol[2-]	EPA:625	ug/L	6	0	0	9.8	11.4167	15.4	6	100	-	-	0	0	0	0	-	-	5	-	-	-
Nitrophenol[2-]	SW-846:8270C	ug/L	9	0	0	10.1	11.9444	22.2	9	100	-	-	0	0	0	0	-	-	5	-	-	-
Nitrophenol[4-]	EPA:625	ug/L	6	0	0	9.8	11.4167	15.4	6	100	-	-	0	0	0	0	-	-	5	-	-	-
Nitrophenol[4-]	SW-846:8270C	ug/L	11	0	0	10.1	11.9	22.2	11	100	-	-	0	0	0	0	-	-	5	-	-	-
Nitrosodiethylamine[N-]	SW-846:8270C	ug/L	11	0	0	10.1	11.9364	22.2	11	100	-	-	0	0	0	0	-	-	5	-	-	-
Nitrosodimethylamine[N-]	EPA:625	ug/L	8	0	0	9.8	11.15	15.4	8	100	-	-	0	0	0	0	-	-	5	-	-	-
Nitrosodimethylamine[N-]	SW-846:8270C	ug/L	12	0	0	10.1	11.8167	22.2	12	100	-	-	0	0	0	0	-	-	5	-	-	-
Nitroso-di-n-butylamine[N-]	SW-846:8270C	ug/L	11	0	0	10.1	11.9364	22.2	11	100	-	-	0	0	0	0	-	-	5	-	-	-
Nitroso-di-n-propylamine[N-]	EPA:625	ug/L	8	0	0	9.8	11.15	15.4	8	100	-	-	0	0	0	0	-	-	5	-	-	-
Nitroso-di-n-propylamine[N-]	SW-846:8270C	ug/L	12	0	0	10.1	11.8167	22.2	12	100	-	-	0	0	0	0	-	-	5	-	-	-
Nitrosodiphenylamine[N-]	SW-846:8270C	ug/L	1	0	0	10.5	10.5	10.5	1	100	-	-	0	0	0	0	-	-	1	-	-	-
Nitrosopyrrolidine[N-]	SW-846:8270C	ug/L	11	0	0	10.1	11.9364	22.2	11	100	-	-	0	0	0	0	-	-	5	-	-	-

Table B-1
Screening Table for Los Alamos Canyon Watershed (including Pueblo Canyon)

Analyte	Method	Units	No. of Analyses	No. of Detects	D Rate %	Min	Mean	Max	No. of Non-detects	ND Rate %	BV	D> BV	ND> Std	D> Std	D> Std/2	D>Std/2 Rate %	Level	Std Type	Locations with Data (number)	D>Std (number of locations)	D>Std/2 (number of locations)	D>Std Stations
Oxybis(1-chloropropane)[2,2'-]	EPA:625	ug/L	8	0	0	9.8	11.15	15.4	8	100	-	-	0	0	0	0	-	-	5	-	-	-
Oxybis(1-chloropropane)[2,2'-]	SW-846:8270C	ug/L	11	0	0	10.1	11.9	22.2	11	100	-	-	0	0	0	0	-	-	5	-	-	-
Pentachlorobenzene	SW-846:8270C	ug/L	11	0	0	10.1	11.9364	22.2	11	100	-	-	0	0	0	0	-	-	5	-	-	-
Pentachlorophenol	EPA:625	ug/L	6	0	0	9.8	11.4167	15.4	6	100	-	-	0	0	0	0	19	AqAcU	5	-	-	-
Pentachlorophenol	SW-846:8270C	ug/L	11	0	0	10.1	11.9	22.2	11	100	-	-	1	0	0	0	19	AqAcU	5	-	-	-
Phenanthrene	EPA:625	ug/L	8	0	0	0.98	1.0975	1.5	8	100	-	-	0	0	0	0	-	-	5	-	-	-
Phenanthrene	SW-846:8270C	ug/L	8	0	0	1.02	1.25375	2.22	8	100	-	-	0	0	0	0	-	-	5	-	-	-
Phenanthrene	SW-846:8310	ug/L	1	0	0	0.5	0.5	0.5	1	100	-	-	0	0	0	0	-	-	1	-	-	-
Phenol	EPA:625	ug/L	6	0	0	9.8	11.4167	15.4	6	100	-	-	0	0	0	0	-	-	5	-	-	-
Phenol	SW-846:8270C	ug/L	11	0	0	10.1	11.9	22.2	11	100	-	-	0	0	0	0	-	-	5	-	-	-
Pyrene	EPA:625	ug/L	8	0	0	0.98	1.0975	1.5	8	100	-	-	0	0	0	0	-	-	5	-	-	-
Pyrene	SW-846:8270C	ug/L	11	0	0	1.01	1.19364	2.22	11	100	-	-	0	0	0	0	-	-	5	-	-	-
Pyrene	SW-846:8310	ug/L	1	0	0	0.128	0.128	0.128	1	100	-	-	0	0	0	0	-	-	1	-	-	-
Pyridine	EPA:625	ug/L	8	0	0	9.8	11.15	15.4	8	100	-	-	0	0	0	0	-	-	5	-	-	-
Pyridine	SW-846:8270C	ug/L	1	0	0	10.5	10.5	10.5	1	100	-	-	0	0	0	0	-	-	1	-	-	-
Tetrachlorobenzene[1,2,4,5]	SW-846:8270C	ug/L	11	0	0	10.1	11.9364	22.2	11	100	-	-	0	0	0	0	-	-	5	-	-	-
Tetrachlorophenol[2,3,4,6-]	SW-846:8270C	ug/L	10	0	0	10.1	12.04	22.2	10	100	-	-	0	0	0	0	-	-	5	-	-	-
Trichlorobenzene[1,2,4-]	EPA:625	ug/L	8	0	0	9.8	11.15	15.4	8	100	-	-	0	0	0	0	-	-	5	-	-	-
Trichlorobenzene[1,2,4-]	SW-846:8270C	ug/L	12	0	0	10.1	11.8167	22.2	12	100	-	-	0	0	0	0	-	-	5	-	-	-
Trichlorophenol[2,4,5-]	EPA:625	ug/L	6	0	0	9.8	11.4167	15.4	6	100	-	-	0	0	0	0	-	-	5	-	-	-
Trichlorophenol[2,4,5-]	SW-846:8270C	ug/L	11	0	0	10.1	11.9	22.2	11	100	-	-	0	0	0	0	-	-	5	-	-	-
Trichlorophenol[2,4,6-]	EPA:625	ug/L	6	0	0	9.8	11.4167	15.4	6	100	-	-	0	0	0	0	-	-	5	-	-	-
Trichlorophenol[2,4,6-]	SW-846:8270C	ug/L	11	0	0	10.1	11.9	22.2	11	100	-	-	0	0	0	0	-	-	5	-	-	-
LA, SVOA, UF, Perennial																						
Acenaphthene	EPA:625	ug/L	7	0	0	0.99	1.04	1.1	7	100	-	-	0	0	0	0	990	HHPU	2	-	-	-
Acenaphthene	SW-846:8270C	ug/L	2	0	0	1.01	1.015	1.02	2	100	-	-	0	0	0	0	990	HHPU	1	-	-	-
Acenaphthylene	EPA:625	ug/L	7	0	0	0.99	1.04	1.1	7	100	-	-	0	0	0	0	-	-	2	-	-	-
Acenaphthylene	SW-846:8270C	ug/L	2	0	0	1.01	1.015	1.02	2	100	-	-	0	0	0	0	-	-	1	-	-	-
Aniline	EPA:625	ug/L	7	0	0	9.9	10.5571	11.5	7	100	-	-	0	0	0	0	-	-	2	-	-	-
Aniline	SW-846:8270C	ug/L	2	0	0	10.1	10.15	10.2	2	100	-	-	0	0	0	0	-	-	1	-	-	-
Anthracene	EPA:625	ug/L	7	0	0	0.99	1.04	1.1	7	100	-	-	0	0	0	0	40000	HHPU	2	-	-	-
Anthracene	SW-846:8270C	ug/L	2	0	0	1.01	1.015	1.02	2	100	-	-	0	0	0	0	40000	HHPU	1	-	-	-
Atrazine	SW-846:8270C	ug/L	2	0	0	10.1	10.15	10.2	2	100	-	-	0	0	0	0	-	-	1	-	-	-
Azobenzene	EPA:625	ug/L	5	0	0	10	10.82	11.5	5	100	-	-	0	0	0	0	-	-	2	-	-	-
Azobenzene	SW-846:8270C	ug/L	2	0	0	10.1	10.15	10.2	2	100	-	-	0	0	0	0	-	-	1	-	-	-
Benzidine	EPA:625	ug/L	4	0	0	49.5	49.875	50.5	4	100	-	-	4	0	0	0	0.002	HHPU	2	-	-	-
Benzo(a)anthracene	EPA:625	ug/L	7	1	14	1.3	1.3	1.3	6	86	-	-	6	1	1	14	0.18	HHPU	2	1	1	Pueblo above SR-502
Benzo(a)anthracene	SW-846:8270C	ug/L	2	0	0	1.01	1.015	1.02	2	100	-	-	2	0	0	0	0.18	HHPU	1	-	-	-
Benzo(a)pyrene	EPA:625	ug/L	7	1	14	1.2	1.2	1.2	6	86	-	-	6	1	1	14	0.18	HHPU	2	1	1	Pueblo above SR-502
Benzo(a)pyrene	SW-846:8270C	ug/L	2	0	0	1.01	1.015	1.02	2	100	-	-	2	0	0	0	0.18	HHPU	1	-	-	-
Benzo(b)fluoranthene	EPA:625	ug/L	7	1	14	1.3	1.3	1.3	6	86	-	-	6	1	1	14	0.18	HHPU	2	1	1	Pueblo above SR-502
Benzo(b)fluoranthene	SW-846:8270C	ug/L	2	0	0	1.01	1.015	1.02	2	100	-	-	2	0	0	0	0.18	HHPU	1	-	-	-
Benzo(g,h,i)perylene	EPA:625	ug/L	7	1	14	1.2	1.2	1.2	6	86	-	-	0	0	0	0	-	-	2	-	-	-
Benzo(g,h,i)perylene	SW-846:8270C	ug/L	2	0	0	1.01	1.015	1.02	2	100	-	-	0	0	0	0	-	-	1	-	-	-
Benzo(k)fluoranthene	EPA:625	ug/L	7	1	14	1.3	1.3	1.3	6	86	-	-	6	1	1	14	0.18	HHPU	2	1	1	Pueblo above SR-502
Benzo(k)fluoranthene	SW-846:8270C	ug/L	2	0	0	1.01	1.015	1.02	2	100	-	-	2	0	0	0	0.18	HHPU	1	-	-	-
Benzoic Acid	EPA:625	ug/L	4	0	0	19.8	19.95	20.2	4	100	-	-	0	0	0	0	-	-	2	-	-	-
Benzoic Acid	SW-846:8270C	ug/L	2	0	0	20.2	20.3	20.4	2	100	-	-	0	0	0	0	-	-	1	-	-	-
Benzyl Alcohol	EPA:625	ug/L	7	0	0	9.9	10.5571	11.5	7	100	-	-	0	0	0	0	-	-	2	-	-	-
Benzyl Alcohol	SW-846:8270C	ug/L	2	0	0	10.1	10.15	10.2	2	100	-	-	0	0	0	0	-	-	1	-	-	-
Bis(2-chloroethoxy)methane	EPA:625	ug/L	7	0	0	9.9	10.5571	11.5	7	100	-	-	0	0	0	0	-	-	2	-	-	-
Bis(2-chloroethoxy)methane	SW-846:8270C	ug/L	2	0	0	10.1	10.15	10.2	2	100	-	-	0	0	0	0	-	-	1	-	-	-
Bis(2-chloroethyl)ether	EPA:625	ug/L	7	0	0	9.9	10.5571	11.5	7	100	-	-	7	0	0	0	5.3	HHPU	2	-	-	-

Table B-1
Screening Table for Los Alamos Canyon Watershed (including Pueblo Canyon)

Analyte	Method	Units	No. of Analyses	No. of Detects	D Rate %	Min	Mean	Max	No. of Non-detects	ND Rate %	BV	D> BV	ND> Std	D> Std	D> Std/2	D>Std/2 Rate %	Level	Std Type	Locations with Data (number)	D>Std (number of locations)	D>Std/2 (number of locations)	D>Std Stations
Bis(2-chloroethyl)ether	SW-846:8270C	ug/L	2	0	0	*10.1*	*10.15*	*10.2*	2	100	-	-	2	0	0	0	5.3	HHPU	1	-	-	-
Bis(2-ethylhexyl)phthalate	EPA:625	ug/L	7	4	57	2.2	4.875	7.1	3	43	-	-	0	0	0	0	22	HHPU	2	-	-	-
Bis(2-ethylhexyl)phthalate	SW-846:8270C	ug/L	2	0	0	*10.1*	*10.15*	*10.2*	2	100	-	-	0	0	0	0	22	HHPU	1	-	-	-
Bromophenyl-phenylether[4-]	EPA:625	ug/L	7	0	0	*9.9*	*10.5571*	*11.5*	7	100	-	-	0	0	0	0	-	-	2	-	-	-
Bromophenyl-phenylether[4-]	SW-846:8270C	ug/L	2	0	0	*10.1*	*10.15*	*10.2*	2	100	-	-	0	0	0	0	-	-	1	-	-	-
Butylbenzylphthalate	EPA:625	ug/L	7	0	0	*9.9*	*10.5571*	*11.5*	7	100	-	-	0	0	0	0	1900	HHPU	2	-	-	-
Butylbenzylphthalate	SW-846:8270C	ug/L	2	0	0	*10.1*	*10.15*	*10.2*	2	100	-	-	0	0	0	0	1900	HHPU	1	-	-	-
Chloro-3-methylphenol[4-]	EPA:625	ug/L	7	0	0	*9.9*	*10.5571*	*11.5*	7	100	-	-	0	0	0	0	-	-	2	-	-	-
Chloro-3-methylphenol[4-]	SW-846:8270C	ug/L	2	0	0	*10.1*	*10.15*	*10.2*	2	100	-	-	0	0	0	0	-	-	1	-	-	-
Chloroaniline[4-]	EPA:625	ug/L	7	0	0	*9.9*	*10.5571*	*11.5*	7	100	-	-	0	0	0	0	-	-	2	-	-	-
Chloroaniline[4-]	SW-846:8270C	ug/L	2	0	0	*10.1*	*10.15*	*10.2*	2	100	-	-	0	0	0	0	-	-	1	-	-	-
Chloronaphthalene[2-]	EPA:625	ug/L	7	0	0	*0.99*	*1.04*	*1.1*	7	100	-	-	0	0	0	0	1600	HHPU	2	-	-	-
Chloronaphthalene[2-]	SW-846:8270C	ug/L	2	0	0	*1.01*	*1.015*	*1.02*	2	100	-	-	0	0	0	0	1600	HHPU	1	-	-	-
Chlorophenol[2-]	EPA:625	ug/L	7	0	0	*9.9*	*10.5571*	*11.5*	7	100	-	-	0	0	0	0	150	HHPU	2	-	-	-
Chlorophenol[2-]	SW-846:8270C	ug/L	2	0	0	*10.1*	*10.15*	*10.2*	2	100	-	-	0	0	0	0	150	HHPU	1	-	-	-
Chlorophenyl-phenyl[4-] Ether	EPA:625	ug/L	7	0	0	*9.9*	*10.5571*	*11.5*	7	100	-	-	0	0	0	0	-	-	2	-	-	-
Chlorophenyl-phenyl[4-] Ether	SW-846:8270C	ug/L	2	0	0	*10.1*	*10.15*	*10.2*	2	100	-	-	0	0	0	0	-	-	1	-	-	-
Chrysene	EPA:625	ug/L	7	1	14	1.4	1.4	1.4	6	86	-	-	6	1	1	14	0.18	HHPU	2	1	1	Pueblo above SR-502
Chrysene	SW-846:8270C	ug/L	2	0	0	*1.01*	*1.015*	*1.02*	2	100	-	-	2	0	0	0	0.18	HHPU	1	-	-	-
Dibenz(a,h)anthracene	EPA:625	ug/L	7	1	14	1.2	1.2	1.2	6	86	-	-	6	1	1	14	0.18	HHPU	2	1	1	Pueblo above SR-502
Dibenz(a,h)anthracene	SW-846:8270C	ug/L	2	0	0	*1.01*	*1.015*	*1.02*	2	100	-	-	2	0	0	0	0.18	HHPU	1	-	-	-
Dibenzofuran	EPA:625	ug/L	7	0	0	*9.9*	*10.5571*	*11.5*	7	100	-	-	0	0	0	0	-	-	2	-	-	-
Dibenzofuran	SW-846:8270C	ug/L	2	0	0	*10.1*	*10.15*	*10.2*	2	100	-	-	0	0	0	0	-	-	1	-	-	-
Dichlorobenzene[1,2-]	EPA:625	ug/L	7	0	0	*9.9*	*10.5571*	*11.5*	7	100	-	-	0	0	0	0	17000	HHPU	2	-	-	-
Dichlorobenzene[1,2-]	SW-846:8270C	ug/L	2	0	0	*10.1*	*10.15*	*10.2*	2	100	-	-	0	0	0	0	17000	HHPU	1	-	-	-
Dichlorobenzene[1,3-]	EPA:625	ug/L	7	0	0	*9.9*	*10.5571*	*11.5*	7	100	-	-	0	0	0	0	960	HHPU	2	-	-	-
Dichlorobenzene[1,3-]	SW-846:8270C	ug/L	2	0	0	*10.1*	*10.15*	*10.2*	2	100	-	-	0	0	0	0	960	HHPU	1	-	-	-
Dichlorobenzene[1,4-]	EPA:625	ug/L	7	0	0	*9.9*	*10.5571*	*11.5*	7	100	-	-	0	0	0	0	2600	HHPU	2	-	-	-
Dichlorobenzene[1,4-]	SW-846:8270C	ug/L	2	0	0	*10.1*	*10.15*	*10.2*	2	100	-	-	0	0	0	0	2600	HHPU	1	-	-	-
Dichlorobenzidine[3,3'-]	EPA:625	ug/L	7	0	0	*9.9*	*10.5571*	*11.5*	7	100	-	-	7	0	0	0	0.28	HHPU	2	-	-	-
Dichlorobenzidine[3,3'-]	SW-846:8270C	ug/L	2	0	0	*10.1*	*10.15*	*10.2*	2	100	-	-	2	0	0	0	0.28	HHPU	1	-	-	-
Dichlorophenol[2,4-]	EPA:625	ug/L	7	0	0	*9.9*	*10.5571*	*11.5*	7	100	-	-	0	0	0	0	290	HHPU	2	-	-	-
Dichlorophenol[2,4-]	SW-846:8270C	ug/L	2	0	0	*10.1*	*10.15*	*10.2*	2	100	-	-	0	0	0	0	290	HHPU	1	-	-	-
Diethylphthalate	EPA:625	ug/L	7	0	0	*9.9*	*10.5571*	*11.5*	7	100	-	-	0	0	0	0	44000	HHPU	2	-	-	-
Diethylphthalate	SW-846:8270C	ug/L	2	0	0	*10.1*	*10.15*	*10.2*	2	100	-	-	0	0	0	0	44000	HHPU	1	-	-	-
Dimethyl Phthalate	EPA:625	ug/L	7	0	0	*9.9*	*10.5571*	*11.5*	7	100	-	-	0	0	0	0	1100000	HHPU	2	-	-	-
Dimethyl Phthalate	SW-846:8270C	ug/L	2	0	0	*10.1*	*10.15*	*10.2*	2	100	-	-	0	0	0	0	1100000	HHPU	1	-	-	-
Dimethylphenol[2,4-]	EPA:625	ug/L	7	0	0	*9.9*	*10.5571*	*11.5*	7	100	-	-	0	0	0	0	850	HHPU	2	-	-	-
Dimethylphenol[2,4-]	SW-846:8270C	ug/L	2	0	0	*10.1*	*10.15*	*10.2*	2	100	-	-	0	0	0	0	850	HHPU	1	-	-	-
Di-n-butylphthalate	EPA:625	ug/L	7	0	0	*9.9*	*10.5571*	*11.5*	7	100	-	-	0	0	0	0	4500	HHPU	2	-	-	-
Di-n-butylphthalate	SW-846:8270C	ug/L	2	0	0	*10.1*	*10.15*	*10.2*	2	100	-	-	0	0	0	0	4500	HHPU	1	-	-	-
Dinitro-2-methylphenol[4,6-]	EPA:625	ug/L	7	0	0	*9.9*	*10.5571*	*11.5*	7	100	-	-	0	0	0	0	280	HHPU	2	-	-	-
Dinitro-2-methylphenol[4,6-]	SW-846:8270C	ug/L	2	0	0	*10.1*	*10.15*	*10.2*	2	100	-	-	0	0	0	0	280	HHPU	1	-	-	-
Dinitrophenol[2,4-]	EPA:625	ug/L	7	0	0	*19.8*	*21.1143*	*23*	7	100	-	-	0	0	0	0	5300	HHPU	2	-	-	-
Dinitrophenol[2,4-]	SW-846:8270C	ug/L	2	0	0	*20.2*	*20.3*	*20.4*	2	100	-	-	0	0	0	0	5300	HHPU	1	-	-	-
Dinitrotoluene[2,4-]	EPA:625	ug/L	7	0	0	*9.9*	*10.5571*	*11.5*	7	100	-	-	0	0	0	0	34	HHPU	2	-	-	-
Dinitrotoluene[2,4-]	SW-846:8270C	ug/L	2	0	0	*10.1*	*10.15*	*10.2*	2	100	-	-	0	0	0	0	34	HHPU	1	-	-	-
Dinitrotoluene[2,6-]	EPA:625	ug/L	7	0	0	*9.9*	*10.5571*	*11.5*	7	100	-	-	0	0	0	0	-	-	2	-	-	-
Dinitrotoluene[2,6-]	SW-846:8270C	ug/L	2	0	0	*10.1*	*10.15*	*10.2*	2	100	-	-	0	0	0	0	-	-	1	-	-	-
Di-n-octylphthalate	EPA:625	ug/L	7	0	0	*9.9*	*10.5571*	*11.5*	7	100	-	-	0	0	0	0	-	-	2	-	-	-
Di-n-octylphthalate	SW-846:8270C	ug/L	2	0	0	*10.1*	*10.15*	*10.2*	2	100	-	-	0	0	0	0	-	-	1	-	-	-
Dinoseb	SW-846:8270C	ug/L	2	0	0	*10.1*	*10.15*	*10.2*	2	100	-	-	0	0	0	0	-	-	1	-	-	-
Dioxane[1,4-]	SW-846:8270C	ug/L	2	0	0	*10.1*	*10.15*	*10.2*	2	100	-	-	0	0	0	0	-	-	1	-	-	-
Diphenylamine	EPA:625	ug/L	7	0	0	*9.9*	*10.5571*	*11.5*	7	100	-	-	0	0	0	0	-	-	2	-	-	-
Diphenylamine	SW-846:8270C	ug/L	2	0	0	*10.1*	*10.15*	*10.2*	2	100	-	-	0	0	0	0	-	-	1	-	-	-
Diphenylhydrazine[1,2-]	EPA:625	ug/L	2	0	0	*9.9*	*9.9*	*9.9*	2	100	-	-	2	0	0	0	2	HHPU	1	-	-	-
Fluoranthene	EPA:625	ug/L	7	1	14	0.26	0.26	0.26	6	86	-	-	0	0	0	0	140	HHPU	2	-	-	-

Table B-1
Screening Table for Los Alamos Canyon Watershed (including Pueblo Canyon)

Analyte	Method	Units	No. of Analyses	No. of Detects	D Rate %	Min	Mean	Max	No. of Non-detects	ND Rate %	BV	D> BV	ND> Std	D> Std	D> Std/2	D>Std/2 Rate %	Level	Std Type	Locations with Data (number)	D>Std (number of locations)	D>Std/2 (number of locations)	D>Std Stations
Fluoranthene	SW-846:8270C	ug/L	2	0	0	1.01	1.015	1.02	2	100	-	-	0	0	0	0	140	HHPU	1	-	-	-
Fluorene	EPA:625	ug/L	7	0	0	0.99	1.04	1.1	7	100	-	-	0	0	0	0	5300	HHPU	2	-	-	-
Fluorene	SW-846:8270C	ug/L	2	0	0	1.01	1.015	1.02	2	100	-	-	0	0	0	0	5300	HHPU	1	-	-	-
Hexachlorobenzene	EPA:625	ug/L	7	0	0	9.9	10.5571	11.5	7	100	-	-	7	0	0	0	0.0029	HHPU	2	-	-	-
Hexachlorobenzene	SW-846:8270C	ug/L	2	0	0	10.1	10.15	10.2	2	100	-	-	2	0	0	0	0.0029	HHPU	1	-	-	-
Hexachlorobutadiene	EPA:625	ug/L	7	0	0	9.9	10.5571	11.5	7	100	-	-	0	0	0	0	180	HHPU	2	-	-	-
Hexachlorobutadiene	SW-846:8270C	ug/L	2	0	0	10.1	10.15	10.2	2	100	-	-	0	0	0	0	180	HHPU	1	-	-	-
Hexachlorocyclopentadiene	EPA:625	ug/L	7	0	0	9.9	10.5571	11.5	7	100	-	-	0	0	0	0	17000	HHPU	2	-	-	-
Hexachlorocyclopentadiene	SW-846:8270C	ug/L	2	0	0	10.1	10.15	10.2	2	100	-	-	0	0	0	0	17000	HHPU	1	-	-	-
Hexachloroethane	EPA:625	ug/L	7	0	0	9.9	10.5571	11.5	7	100	-	-	0	0	0	0	33	HHPU	2	-	-	-
Hexachloroethane	SW-846:8270C	ug/L	2	0	0	10.1	10.15	10.2	2	100	-	-	0	0	0	0	33	HHPU	1	-	-	-
Indeno(1,2,3-cd)pyrene	EPA:625	ug/L	7	1	14	1.2	1.2	1.2	6	86	-	-	6	1	1	14	0.18	HHPU	2	1	1	Pueblo above SR-502
Indeno(1,2,3-cd)pyrene	SW-846:8270C	ug/L	2	0	0	1.01	1.015	1.02	2	100	-	-	2	0	0	0	0.18	HHPU	1	-	-	-
Isophorone	EPA:625	ug/L	7	0	0	9.9	10.5571	11.5	7	100	-	-	0	0	0	0	9600	HHPU	2	-	-	-
Isophorone	SW-846:8270C	ug/L	2	0	0	10.1	10.15	10.2	2	100	-	-	0	0	0	0	9600	HHPU	1	-	-	-
Methylnaphthalene[1-]	SW-846:8270C	ug/L	2	0	0	1.01	1.015	1.02	2	100	-	-	0	0	0	0	-	-	1	-	-	-
Methylnaphthalene[2-]	EPA:625	ug/L	7	0	0	0.99	1.04	1.1	7	100	-	-	0	0	0	0	-	-	2	-	-	-
Methylnaphthalene[2-]	SW-846:8270C	ug/L	2	0	0	1.01	1.015	1.02	2	100	-	-	0	0	0	0	-	-	1	-	-	-
Methylphenol[2-]	EPA:625	ug/L	7	0	0	9.9	10.5571	11.5	7	100	-	-	0	0	0	0	-	-	2	-	-	-
Methylphenol[2-]	SW-846:8270C	ug/L	2	0	0	10.1	10.15	10.2	2	100	-	-	0	0	0	0	-	-	1	-	-	-
Methylphenol[3-,4-]	SW-846:8270C	ug/L	2	0	0	10.1	10.15	10.2	2	100	-	-	0	0	0	0	-	-	1	-	-	-
Methylphenol[4-]	EPA:625	ug/L	7	0	0	9.9	10.5571	11.5	7	100	-	-	0	0	0	0	-	-	2	-	-	-
Methylpyridine[2-]	EPA:625	ug/L	7	0	0	9.9	10.5571	11.5	7	100	-	-	0	0	0	0	-	-	2	-	-	-
Naphthalene	EPA:625	ug/L	7	0	0	0.99	1.04	1.1	7	100	-	-	0	0	0	0	-	-	2	-	-	-
Naphthalene	SW-846:8270C	ug/L	2	0	0	1.01	1.015	1.02	2	100	-	-	0	0	0	0	-	-	1	-	-	-
Nitroaniline[2-]	EPA:625	ug/L	7	0	0	9.9	10.5571	11.5	7	100	-	-	0	0	0	0	-	-	2	-	-	-
Nitroaniline[2-]	SW-846:8270C	ug/L	2	0	0	10.1	10.15	10.2	2	100	-	-	0	0	0	0	-	-	1	-	-	-
Nitroaniline[3-]	EPA:625	ug/L	7	0	0	9.9	10.5571	11.5	7	100	-	-	0	0	0	0	-	-	2	-	-	-
Nitroaniline[3-]	SW-846:8270C	ug/L	2	0	0	10.1	10.15	10.2	2	100	-	-	0	0	0	0	-	-	1	-	-	-
Nitroaniline[4-]	EPA:625	ug/L	7	0	0	9.9	10.5571	11.5	7	100	-	-	0	0	0	0	-	-	2	-	-	-
Nitroaniline[4-]	SW-846:8270C	ug/L	2	0	0	10.1	10.15	10.2	2	100	-	-	0	0	0	0	-	-	1	-	-	-
Nitrobenzene	EPA:625	ug/L	7	0	0	9.9	10.5571	11.5	7	100	-	-	0	0	0	0	690	HHPU	2	-	-	-
Nitrobenzene	SW-846:8270C	ug/L	2	0	0	10.1	10.15	10.2	2	100	-	-	0	0	0	0	690	HHPU	1	-	-	-
Nitrophenol[2-]	EPA:625	ug/L	7	0	0	9.9	10.5571	11.5	7	100	-	-	0	0	0	0	-	-	2	-	-	-
Nitrophenol[4-]	EPA:625	ug/L	7	0	0	9.9	10.5571	11.5	7	100	-	-	0	0	0	0	-	-	2	-	-	-
Nitrophenol[4-]	SW-846:8270C	ug/L	2	0	0	10.1	10.15	10.2	2	100	-	-	0	0	0	0	-	-	1	-	-	-
Nitrosodiethylamine[N-]	SW-846:8270C	ug/L	2	0	0	10.1	10.15	10.2	2	100	-	-	0	0	0	0	-	-	1	-	-	-
Nitrosodimethylamine[N-]	EPA:625	ug/L	6	0	0	9.9	10.6333	11.5	6	100	-	-	0	0	0	0	30	HHPU	2	-	-	-
Nitrosodimethylamine[N-]	SW-846:8270C	ug/L	2	0	0	10.1	10.15	10.2	2	100	-	-	0	0	0	0	30	HHPU	1	-	-	-
Nitroso-di-n-butylamine[N-]	SW-846:8270C	ug/L	2	0	0	10.1	10.15	10.2	2	100	-	-	0	0	0	0	-	-	1	-	-	-
Nitroso-di-n-propylamine[N-]	EPA:625	ug/L	7	0	0	9.9	10.5571	11.5	7	100	-	-	7	0	0	0	5.1	HHPU	2	-	-	-
Nitroso-di-n-propylamine[N-]	SW-846:8270C	ug/L	2	0	0	10.1	10.15	10.2	2	100	-	-	2	0	0	0	5.1	HHPU	1	-	-	-
Nitrosopyrrolidine[N-]	SW-846:8270C	ug/L	2	0	0	10.1	10.15	10.2	2	100	-	-	0	0	0	0	-	-	1	-	-	-
Oxybis(1-chloropropane)[2,2'-]	EPA:625	ug/L	7	0	0	9.9	10.5571	11.5	7	100	-	-	0	0	0	0	65000	HHPU	2	-	-	-
Oxybis(1-chloropropane)[2,2'-]	SW-846:8270C	ug/L	2	0	0	10.1	10.15	10.2	2	100	-	-	0	0	0	0	65000	HHPU	1	-	-	-
Pentachlorobenzene	SW-846:8270C	ug/L	2	0	0	10.1	10.15	10.2	2	100	-	-	0	0	0	0	-	-	1	-	-	-
Pentachlorophenol	EPA:625	ug/L	7	0	0	9.9	10.5571	11.5	7	100	-	-	0	0	0	0	19	AqAcU	2	-	-	-
Pentachlorophenol	SW-846:8270C	ug/L	2	0	0	10.1	10.15	10.2	2	100	-	-	0	0	0	0	19	AqAcU	1	-	-	-
Phenanthrene	EPA:625	ug/L	7	1	14	0.28	0.28	0.28	6	86	-	-	0	0	0	0	-	-	2	-	-	-
Phenanthrene	SW-846:8270C	ug/L	2	0	0	1.01	1.015	1.02	2	100	-	-	0	0	0	0	-	-	1	-	-	-
Phenol	EPA:625	ug/L	7	0	0	9.9	10.5571	11.5	7	100	-	-	0	0	0	0	1700000	HHPU	2	-	-	-
Phenol	SW-846:8270C	ug/L	2	0	0	10.1	10.15	10.2	2	100	-	-	0	0	0	0	1700000	HHPU	1	-	-	-
Pyrene	EPA:625	ug/L	7	1	14	0.45	0.45	0.45	6	86	-	-	0	0	0	0	4000	HHPU	2	-	-	-
Pyrene	SW-846:8270C	ug/L	2	0	0	1.01	1.015	1.02	2	100	-	-	0	0	0	0	4000	HHPU	1	-	-	-
Pyridine	EPA:625	ug/L	7	0	0	9.9	10.5571	11.5	7	100	-	-	0	0	0	0	-	-	2	-	-	-
Tetrachlorobenzene[1,2,4,5]	SW-846:8270C	ug/L	2	0	0	10.1	10.15	10.2	2	100	-	-	0	0	0	0	-	-	1	-	-	-
Tetrachlorophenol[2,3,4,6-]	SW-846:8270C	ug/L	2	0	0	10.1	10.15	10.2	2	100	-	-	0	0	0	0	-	-	1	-	-	-
Trichlorobenzene[1,2,4-]	EPA:625	ug/L	7	0	0	9.9	10.5571	11.5	7	100	-	-	0	0	0	0	940	HHPU	2	-	-	-
Trichlorobenzene[1,2,4-]	SW-846:8270C	ug/L	2	0	0	10.1	10.15	10.2	2	100	-	-	0	0	0	0	940	HHPU	1	-	-	-

Table B-1
Screening Table for Los Alamos Canyon Watershed (including Pueblo Canyon)

Analyte	Method	Units	No. of Analyses	No. of Detects	D Rate %	Min	Mean	Max	No. of Non-detects	ND Rate %	BV	D> BV	ND> Std	D> Std	D> Std/2	D>Std/2 Rate %	Level	Std Type	Locations with Data (number)	D>Std (number of locations)	D>Std/2 (number of locations)	D>Std Stations
Trichlorophenol[2,4,5-]	EPA:625	ug/L	7	0	0	*9.9*	*10.5571*	*11.5*	7	100	-	-	0	0	0	0	-	-	2	-	-	-
Trichlorophenol[2,4,5-]	SW-846:8270C	ug/L	2	0	0	*10.1*	*10.15*	*10.2*	2	100	-	-	0	0	0	0	-	-	1	-	-	-
Trichlorophenol[2,4,6-]	EPA:625	ug/L	7	0	0	*9.9*	*10.5571*	*11.5*	7	100	-	-	0	0	0	0	24	HHPU	2	-	-	-
Trichlorophenol[2,4,6-]	SW-846:8270C	ug/L	2	0	0	*10.1*	*10.15*	*10.2*	2	100	-	-	0	0	0	0	24	HHPU	1	-	-	-
LA, SVOA, UF, Springs																						
Acenaphthene	SW-846:8270	ug/L	2	0	0	*1*	*1*	*1*	2	100	-	-	0	0	0	0	365	Reg6	2	-	-	-
Acenaphthene	SW-846:8270C	ug/L	15	0	0	*1*	*1.058*	*1.47*	15	100	-	-	0	0	0	0	365	Reg6	4	-	-	-
Acenaphthene	SW-846:8310	ug/L	1	0	0	*0.5*	*0.5*	*0.5*	1	100	-	-	0	0	0	0	365	Reg6	1	-	-	-
Acenaphthylene	SW-846:8270	ug/L	2	0	0	*1*	*1*	*1*	2	100	-	-	0	0	0	0	-	-	2	-	-	-
Acenaphthylene	SW-846:8270C	ug/L	15	0	0	*1*	*1.058*	*1.47*	15	100	-	-	0	0	0	0	-	-	4	-	-	-
Acenaphthylene	SW-846:8310	ug/L	1	0	0	*0.5*	*0.5*	*0.5*	1	100	-	-	0	0	0	0	-	-	1	-	-	-
Acetophenone	SW-846:8270C	ug/L	2	0	0	*10.1*	*10.15*	*10.2*	2	100	-	-	0	0	0	0	608.3333	Reg6	2	-	-	-
Aniline	SW-846:8270	ug/L	2	0	0	*10.1*	*10.15*	*10.2*	2	100	-	-	0	0	0	0	117.9501	Reg6	2	-	-	-
Aniline	SW-846:8270C	ug/L	14	0	0	*10*	*10.65*	*14.7*	14	100	-	-	0	0	0	0	117.9501	Reg6	4	-	-	-
Anthracene	SW-846:8270	ug/L	2	0	0	*1*	*1*	*1*	2	100	-	-	0	0	0	0	1825	Reg6	2	-	-	-
Anthracene	SW-846:8270C	ug/L	15	0	0	*1*	*1.058*	*1.47*	15	100	-	-	0	0	0	0	1825	Reg6	4	-	-	-
Anthracene	SW-846:8310	ug/L	1	0	0	*0.5*	*0.5*	*0.5*	1	100	-	-	0	0	0	0	1825	Reg6	1	-	-	-
Atrazine	SW-846:8270C	ug/L	11	0	0	*10*	*10.7909*	*14.7*	11	100	-	-	11	0	0	0	3	MCL	4	-	-	-
Azobenzene	SW-846:8270	ug/L	2	0	0	*10.1*	*10.15*	*10.2*	2	100	-	-	2	0	0	0	6.111958	Reg6	2	-	-	-
Azobenzene	SW-846:8270C	ug/L	13	0	0	*10*	*10.7*	*14.7*	13	100	-	-	13	0	0	0	6.111958	Reg6	4	-	-	-
Benzidine	SW-846:8270	ug/L	2	0	0	*50.5*	*50.75*	*51*	2	100	-	-	2	0	0	0	0.000936258	Reg6	2	-	-	-
Benzidine	SW-846:8270C	ug/L	11	0	0	*10*	*22.0182*	*53.2*	11	100	-	-	11	0	0	0	0.000936258	Reg6	4	-	-	-
Benzo(a)anthracene	SW-846:8270	ug/L	2	0	0	*1*	*1*	*1*	2	100	-	-	2	0	0	0	0.2949853	Reg6	2	-	-	-
Benzo(a)anthracene	SW-846:8270C	ug/L	15	0	0	*1*	*1.058*	*1.47*	15	100	-	-	15	0	0	0	0.2949853	Reg6	4	-	-	-
Benzo(a)anthracene	SW-846:8310	ug/L	1	0	0	*0.05*	*0.05*	*0.05*	1	100	-	-	0	0	0	0	0.2949853	Reg6	1	-	-	-
Benzo(a)pyrene	SW-846:8270	ug/L	2	0	0	*1*	*1*	*1*	2	100	-	-	2	0	0	0	0.2	MCL	2	-	-	-
Benzo(a)pyrene	SW-846:8270C	ug/L	15	0	0	*1*	*1.058*	*1.47*	15	100	-	-	15	0	0	0	0.2	MCL	4	-	-	-
Benzo(a)pyrene	SW-846:8310	ug/L	1	0	0	*0.05*	*0.05*	*0.05*	1	100	-	-	0	0	0	0	0.2	MCL	1	-	-	-
Benzo(b)fluoranthene	SW-846:8270	ug/L	2	0	0	*1*	*1*	*1*	2	100	-	-	2	0	0	0	0.2949853	Reg6	2	-	-	-
Benzo(b)fluoranthene	SW-846:8270C	ug/L	15	0	0	*1*	*1.058*	*1.47*	15	100	-	-	15	0	0	0	0.2949853	Reg6	4	-	-	-
Benzo(b)fluoranthene	SW-846:8310	ug/L	1	0	0	*0.05*	*0.05*	*0.05*	1	100	-	-	0	0	0	0	0.2949853	Reg6	1	-	-	-
Benzo(g,h,i)perylene	SW-846:8270	ug/L	2	0	0	*1*	*1*	*1*	2	100	-	-	0	0	0	0	-	-	2	-	-	-
Benzo(g,h,i)perylene	SW-846:8270C	ug/L	14	0	0	*1*	*1.05786*	*1.47*	14	100	-	-	0	0	0	0	-	-	4	-	-	-
Benzo(g,h,i)perylene	SW-846:8310	ug/L	1	0	0	*0.05*	*0.05*	*0.05*	1	100	-	-	0	0	0	0	-	-	1	-	-	-
Benzo(k)fluoranthene	SW-846:8270	ug/L	2	0	0	*1*	*1*	*1*	2	100	-	-	0	0	0	0	2.949853	Reg6	2	-	-	-
Benzo(k)fluoranthene	SW-846:8270C	ug/L	15	0	0	*1*	*1.058*	*1.47*	15	100	-	-	0	0	0	0	2.949853	Reg6	4	-	-	-
Benzo(k)fluoranthene	SW-846:8310	ug/L	1	0	0	*0.025*	*0.025*	*0.025*	1	100	-	-	0	0	0	0	2.949853	Reg6	1	-	-	-
Benzoic Acid	SW-846:8270	ug/L	1	0	0	*20.2*	*20.2*	*20.2*	1	100	-	-	0	0	0	0	146000	Reg6	1	-	-	-
Benzoic Acid	SW-846:8270C	ug/L	15	0	0	*20*	*21.24*	*29.4*	15	100	-	-	0	0	0	0	146000	Reg6	4	-	-	-
Benzyl Alcohol	SW-846:8270	ug/L	2	0	0	*10.1*	*10.15*	*10.2*	2	100	-	-	0	0	0	0	10950	Reg6	2	-	-	-
Benzyl Alcohol	SW-846:8270C	ug/L	16	0	0	*10*	*10.5875*	*14.7*	16	100	-	-	0	0	0	0	10950	Reg6	4	-	-	-
Bis(2-chloroethoxy)methane	SW-846:8270	ug/L	2	0	0	*10.1*	*10.15*	*10.2*	2	100	-	-	0	0	0	0	-	-	2	-	-	-
Bis(2-chloroethoxy)methane	SW-846:8270C	ug/L	16	0	0	*10*	*10.5875*	*14.7*	16	100	-	-	0	0	0	0	-	-	4	-	-	-
Bis(2-chloroethyl)ether	SW-846:8270	ug/L	2	0	0	*10.1*	*10.15*	*10.2*	2	100	-	-	2	0	0	0	0.602164	Reg6	2	-	-	-
Bis(2-chloroethyl)ether	SW-846:8270C	ug/L	16	0	0	*10*	*10.5875*	*14.7*	16	100	-	-	16	0	0	0	0.602164	Reg6	4	-	-	-
Bis(2-ethylhexyl)phthalate	SW-846:8270	ug/L	2	1	50	2	2	2	1	50	-	-	1	0	0	0	6	MCL	2	-	-	-
Bis(2-ethylhexyl)phthalate	SW-846:8270C	ug/L	16	0	0	*10*	*10.5875*	*14.7*	16	100	-	-	16	0	0	0	6	MCL	4	-	-	-
Bromophenyl-phenylether[4-]	SW-846:8270	ug/L	2	0	0	*10.1*	*10.15*	*10.2*	2	100	-	-	0	0	0	0	-	-	2	-	-	-
Bromophenyl-phenylether[4-]	SW-846:8270C	ug/L	16	0	0	*10*	*10.5875*	*14.7*	16	100	-	-	0	0	0	0	-	-	4	-	-	-
Butylbenzylphthalate	SW-846:8270	ug/L	2	0	0	*10.1*	*10.15*	*10.2*	2	100	-	-	0	0	0	0	7300	Reg6	2	-	-	-
Butylbenzylphthalate	SW-846:8270C	ug/L	16	0	0	*10*	*10.5875*	*14.7*	16	100	-	-	0	0	0	0	7300	Reg6	4	-	-	-
Carbazole	SW-846:8270C	ug/L	2	0	0	*10.1*	*10.15*	*10.2*	2	100	-	-	0	0	0	0	33.61577	Reg6	2	-	-	-
Chloro-3-methylphenol[4-]	SW-846:8270	ug/L	2	0	0	*10.1*	*10.15*	*10.2*	2	100	-	-	0	0	0	0	-	-	2	-	-	-
Chloro-3-methylphenol[4-]	SW-846:8270C	ug/L	16	0	0	*10*	*10.5875*	*14.7*	16	100	-	-	0	0	0	0	-	-	4	-	-	-
Chloroaniline[4-]	SW-846:8270	ug/L	2	0	0	*10.1*	*10.15*	*10.2*	2	100	-	-	0	0	0	0	146	Reg6	2	-	-	-
Chloroaniline[4-]	SW-846:8270C	ug/L	16	0	0	*10*	*10.5875*	*14.7*	16	100	-	-	0	0	0	0	146	Reg6	4	-	-	-
Chloronaphthalene[2-]	SW-846:8270	ug/L	2	0	0	*1*	*1*	*1*	2	100	-	-	0	0	0	0	486.6667	Reg6	2	-	-	-
Chloronaphthalene[2-]	SW-846:8270C	ug/L	16	0	0	*1*	*1.05438*	*1.47*	16	100	-	-	0	0	0	0	486.6667	Reg6	4	-	-	-
Chlorophenol[2-]	SW-846:8270	ug/L	2	0	0	*10.1*	*10.15*	*10.2*	2	100	-	-	0	0	0	0	30.41667	Reg6	2	-	-	-
Chlorophenol[2-]	SW-846:8270C	ug/L	16	0	0	*10*	*10.5875*	*14.7*	16	100	-	-	0	0	0	0	30.41667	Reg6	4	-	-	-

Table B-1
Screening Table for Los Alamos Canyon Watershed (including Pueblo Canyon)

Analyte	Method	Units	No. of Analyses	No. of Detects	D Rate %	Min	Mean	Max	No. of Non-detects	ND Rate %	BV	D> BV	ND> Std	D> Std	D> Std/2	D>Std/2 Rate %	Level	Std Type	Locations with Data (number)	D>Std (number of locations)	D>Std/2 (number of locations)	D>Std Stations
Chlorophenyl-phenyl[4-] Ether	SW-846:8270	ug/L	2	0	0	*10.1*	*10.15*	*10.2*	2	100	-	-	0	0	0	0	-	-	2	-	-	-
Chlorophenyl-phenyl[4-] Ether	SW-846:8270C	ug/L	16	0	0	*10*	*10.5875*	*14.7*	16	100	-	-	0	0	0	0	-	-	4	-	-	-
Chrysene	SW-846:8270	ug/L	2	0	0	*1*	*1*	*1*	2	100	-	-	2	0	0	0	0.2	MCL	2	-	-	-
Chrysene	SW-846:8270C	ug/L	15	0	0	*1*	*1.058*	*1.47*	15	100	-	-	15	0	0	0	0.2	MCL	4	-	-	-
Chrysene	SW-846:8310	ug/L	1	0	0	*0.05*	*0.05*	*0.05*	1	100	-	-	0	0	0	0	0.2	MCL	1	-	-	-
Dibenz(a,h)anthracene	SW-846:8270	ug/L	2	0	0	*1*	*1*	*1*	2	100	-	-	2	0	0	0	0.02949853	Reg6	2	-	-	-
Dibenz(a,h)anthracene	SW-846:8270C	ug/L	15	0	0	*1*	*1.058*	*1.47*	15	100	-	-	15	0	0	0	0.02949853	Reg6	4	-	-	-
Dibenz(a,h)anthracene	SW-846:8310	ug/L	1	0	0	*0.05*	*0.05*	*0.05*	1	100	-	-	1	0	0	0	0.02949853	Reg6	1	-	-	-
Dibenzofuran	SW-846:8270	ug/L	2	0	0	*10.1*	*10.15*	*10.2*	2	100	-	-	0	0	0	0	12.16667	Reg6	2	-	-	-
Dibenzofuran	SW-846:8270C	ug/L	16	0	0	*10*	*10.5875*	*14.7*	16	100	-	-	1	0	0	0	12.16667	Reg6	4	-	-	-
Dichlorobenzene[1,2-]	SW-846:8270	ug/L	2	0	0	*10.1*	*10.15*	*10.2*	2	100	-	-	0	0	0	0	600	MCL	2	-	-	-
Dichlorobenzene[1,2-]	SW-846:8270C	ug/L	16	0	0	*10*	*10.5875*	*14.7*	16	100	-	-	0	0	0	0	600	MCL	4	-	-	-
Dichlorobenzene[1,3-]	SW-846:8270	ug/L	2	0	0	*10.1*	*10.15*	*10.2*	2	100	-	-	0	0	0	0	600	MCL	2	-	-	-
Dichlorobenzene[1,3-]	SW-846:8270C	ug/L	16	0	0	*10*	*10.5875*	*14.7*	16	100	-	-	0	0	0	0	600	MCL	4	-	-	-
Dichlorobenzene[1,4-]	SW-846:8270	ug/L	2	0	0	*10.1*	*10.15*	*10.2*	2	100	-	-	0	0	0	0	75	MCL	2	-	-	-
Dichlorobenzene[1,4-]	SW-846:8270C	ug/L	16	0	0	*10*	*10.5875*	*14.7*	16	100	-	-	0	0	0	0	75	MCL	4	-	-	-
Dichlorobenzidine[3,3'-]	SW-846:8270	ug/L	2	0	0	*10.1*	*10.15*	*10.2*	2	100	-	-	2	0	0	0	1.494034	Reg6	2	-	-	-
Dichlorobenzidine[3,3'-]	SW-846:8270C	ug/L	16	0	0	*10*	*10.5875*	*14.7*	16	100	-	-	16	0	0	0	1.494034	Reg6	4	-	-	-
Dichlorophenol[2,4-]	SW-846:8270	ug/L	2	0	0	*10.1*	*10.15*	*10.2*	2	100	-	-	0	0	0	0	109.5	Reg6	2	-	-	-
Dichlorophenol[2,4-]	SW-846:8270C	ug/L	16	0	0	*10*	*10.5875*	*14.7*	16	100	-	-	0	0	0	0	109.5	Reg6	4	-	-	-
Diethylphthalate	SW-846:8270	ug/L	2	0	0	*10.1*	*10.15*	*10.2*	2	100	-	-	0	0	0	0	29200	Reg6	2	-	-	-
Diethylphthalate	SW-846:8270C	ug/L	16	0	0	*10*	*10.5875*	*14.7*	16	100	-	-	0	0	0	0	29200	Reg6	4	-	-	-
Dimethyl Phthalate	SW-846:8270	ug/L	2	0	0	*10.1*	*10.15*	*10.2*	2	100	-	-	0	0	0	0	365000	Reg6	2	-	-	-
Dimethyl Phthalate	SW-846:8270C	ug/L	16	0	0	*10*	*10.5875*	*14.7*	16	100	-	-	0	0	0	0	365000	Reg6	4	-	-	-
Dimethylphenol[2,4-]	SW-846:8270	ug/L	2	0	0	*10.1*	*10.15*	*10.2*	2	100	-	-	0	0	0	0	730	Reg6	2	-	-	-
Dimethylphenol[2,4-]	SW-846:8270C	ug/L	16	0	0	*10*	*10.5875*	*14.7*	16	100	-	-	0	0	0	0	730	Reg6	4	-	-	-
Di-n-butylphthalate	SW-846:8270	ug/L	2	0	0	*10.1*	*10.15*	*10.2*	2	100	-	-	0	0	0	0	3650	Reg6	2	-	-	-
Di-n-butylphthalate	SW-846:8270C	ug/L	16	0	0	*10*	*10.5875*	*14.7*	16	100	-	-	0	0	0	0	3650	Reg6	4	-	-	-
Dinitro-2-methylphenol[4,6-]	SW-846:8270	ug/L	2	0	0	*10.1*	*10.15*	*10.2*	2	100	-	-	0	0	0	0	-	-	2	-	-	-
Dinitro-2-methylphenol[4,6-]	SW-846:8270C	ug/L	16	0	0	*10*	*10.5875*	*14.7*	16	100	-	-	0	0	0	0	-	-	4	-	-	-
Dinitrophenol[2,4-]	SW-846:8270	ug/L	2	0	0	*20.2*	*20.3*	*20.4*	2	100	-	-	0	0	0	0	73	Reg6	2	-	-	-
Dinitrophenol[2,4-]	SW-846:8270C	ug/L	16	0	0	*20*	*21.175*	*29.4*	16	100	-	-	0	0	0	0	73	Reg6	4	-	-	-
Dinitrotoluene[2,4-]	SW-846:8270	ug/L	2	0	0	*10.1*	*10.15*	*10.2*	2	100	-	-	0	0	0	0	73	Reg6	2	-	-	-
Dinitrotoluene[2,4-]	SW-846:8270C	ug/L	16	0	0	*10*	*10.5875*	*14.7*	16	100	-	-	0	0	0	0	73	Reg6	4	-	-	-
Dinitrotoluene[2,6-]	SW-846:8270	ug/L	2	0	0	*10.1*	*10.15*	*10.2*	2	100	-	-	0	0	0	0	36.5	Reg6	2	-	-	-
Dinitrotoluene[2,6-]	SW-846:8270C	ug/L	16	0	0	*10*	*10.5875*	*14.7*	16	100	-	-	0	0	0	0	36.5	Reg6	4	-	-	-
Di-n-octylphthalate	SW-846:8270	ug/L	2	0	0	*10.1*	*10.15*	*10.2*	2	100	-	-	0	0	0	0	-	-	2	-	-	-
Di-n-octylphthalate	SW-846:8270C	ug/L	16	0	0	*10*	*10.5875*	*14.7*	16	100	-	-	0	0	0	0	-	-	4	-	-	-
Dinoseb	SW-846:8270C	ug/L	11	0	0	*10*	*10.7909*	*14.7*	11	100	-	-	0	0	0	0	-	-	4	-	-	-
Dioxane[1,4-]	SW-846:8270C	ug/L	11	0	0	*10*	*10.7909*	*14.7*	11	100	-	-	0	0	0	0	61.11958	Reg6	4	-	-	-
Diphenylamine	SW-846:8270	ug/L	2	0	0	*10.1*	*10.15*	*10.2*	2	100	-	-	0	0	0	0	912.5	Reg6	2	-	-	-
Diphenylamine	SW-846:8270C	ug/L	15	0	0	*10*	*10.6133*	*14.7*	15	100	-	-	0	0	0	0	912.5	Reg6	4	-	-	-
Diphenylhydrazine[1,2-]	SW-846:8270C	ug/L	1	0	0	*10*	*10*	*10*	1	100	-	-	1	0	0	0	0.8403942	Reg6	1	-	-	-
Fluoranthene	SW-846:8270	ug/L	2	0	0	*1*	*1*	*1*	2	100	-	-	0	0	0	0	1460	Reg6	2	-	-	-
Fluoranthene	SW-846:8270C	ug/L	15	0	0	*1*	*1.058*	*1.47*	15	100	-	-	0	0	0	0	1460	Reg6	4	-	-	-
Fluoranthene	SW-846:8310	ug/L	1	0	0	*0.05*	*0.05*	*0.05*	1	100	-	-	0	0	0	0	1460	Reg6	1	-	-	-
Fluorene	SW-846:8270	ug/L	2	0	0	*1*	*1*	*1*	2	100	-	-	0	0	0	0	243.3333	Reg6	2	-	-	-
Fluorene	SW-846:8270C	ug/L	15	0	0	*1*	*1.058*	*1.47*	15	100	-	-	0	0	0	0	243.3333	Reg6	4	-	-	-
Fluorene	SW-846:8310	ug/L	1	0	0	*0.5*	*0.5*	*0.5*	1	100	-	-	0	0	0	0	243.3333	Reg6	1	-	-	-
Hexachlorobenzene	SW-846:8270	ug/L	2	0	0	*10.1*	*10.15*	*10.2*	2	100	-	-	2	0	0	0	1	MCL	2	-	-	-
Hexachlorobenzene	SW-846:8270C	ug/L	16	0	0	*10*	*10.5875*	*14.7*	16	100	-	-	16	0	0	0	1	MCL	4	-	-	-
Hexachlorobutadiene	SW-846:8270	ug/L	2	0	0	*10.1*	*10.15*	*10.2*	2	100	-	-	2	0	0	0	8.619427	Reg6	2	-	-	-
Hexachlorobutadiene	SW-846:8270C	ug/L	16	0	0	*10*	*10.5875*	*14.7*	16	100	-	-	16	0	0	0	8.619427	Reg6	4	-	-	-
Hexachlorocyclopentadiene	SW-846:8270	ug/L	2	0	0	*10.1*	*10.15*	*10.2*	2	100	-	-	0	0	0	0	50	MCL	2	-	-	-
Hexachlorocyclopentadiene	SW-846:8270C	ug/L	16	0	0	*10*	*10.5875*	*14.7*	16	100	-	-	0	0	0	0	50	MCL	4	-	-	-
Hexachloroethane	SW-846:8270	ug/L	2	0	0	*10.1*	*10.15*	*10.2*	2	100	-	-	0	0	0	0	48.02252	Reg6	2	-	-	-
Hexachloroethane	SW-846:8270C	ug/L	16	0	0	*10*	*10.5875*	*14.7*	16	100	-	-	0	0	0	0	48.02252	Reg6	4	-	-	-
Indeno(1,2,3-cd)pyrene	SW-846:8270	ug/L	2	0	0	*1*	*1*	*1*	2	100	-	-	2	0	0	0	0.2949853	Reg6	2	-	-	-
Indeno(1,2,3-cd)pyrene	SW-846:8270C	ug/L	15	0	0	*1*	*1.058*	*1.47*	15	100	-	-	15	0	0	0	0.2949853	Reg6	4	-	-	-
Indeno(1,2,3-cd)pyrene	SW-846:8310	ug/L	1	0	0	*0.05*	*0.05*	*0.05*	1	100	-	-	0	0	0	0	0.2949853	Reg6	1	-	-	-

Table B-1
Screening Table for Los Alamos Canyon Watershed (including Pueblo Canyon)

Analyte	Method	Units	No. of Analyses	No. of Detects	D Rate %	Min	Mean	Max	No. of Non-detects	ND Rate %	BV	D> BV	ND> Std	D> Std	D> Std/2	D>Std/2 Rate %	Level	Std Type	Locations with Data (number)	D>Std (number of locations)	D>Std/2 (number of locations)	D>Std Stations
Isophorone	SW-846:8270	ug/L	2	0	0	*10.1*	*10.15*	*10.2*	2	100	-	-	0	0	0	0	707.7004	Reg6	2	-	-	-
Isophorone	SW-846:8270C	ug/L	16	0	0	*10*	*10.5875*	*14.7*	16	100	-	-	0	0	0	0	707.7004	Reg6	4	-	-	-
Methylnaphthalene[1-]	SW-846:8270C	ug/L	11	0	0	*1*	*1.07909*	*1.47*	11	100	-	-	0	0	0	0	-	-	4	-	-	-
Methylnaphthalene[2-]	SW-846:8270	ug/L	2	0	0	*1*	*1*	*1*	2	100	-	-	0	0	0	0	-	-	2	-	-	-
Methylnaphthalene[2-]	SW-846:8270C	ug/L	16	0	0	*1*	*1.05438*	*1.47*	16	100	-	-	0	0	0	0	-	-	4	-	-	-
Methylphenol[2-]	SW-846:8270	ug/L	2	0	0	*10.1*	*10.15*	*10.2*	2	100	-	-	0	0	0	0	1825	Reg6	2	-	-	-
Methylphenol[2-]	SW-846:8270C	ug/L	16	0	0	*10*	*10.5875*	*14.7*	16	100	-	-	0	0	0	0	1825	Reg6	4	-	-	-
Methylphenol[3-,4-]	SW-846:8270C	ug/L	11	0	0	*10*	*10.7909*	*14.7*	11	100	-	-	0	0	0	0	-	-	4	-	-	-
Methylphenol[4-]	SW-846:8270	ug/L	2	0	0	*10.1*	*10.15*	*10.2*	2	100	-	-	0	0	0	0	182.5	Reg6	2	-	-	-
Methylphenol[4-]	SW-846:8270C	ug/L	5	0	0	*10*	*10.14*	*10.2*	5	100	-	-	0	0	0	0	182.5	Reg6	2	-	-	-
Methylpyridine[2-]	SW-846:8270	ug/L	2	0	0	*10.1*	*10.15*	*10.2*	2	100	-	-	0	0	0	0	-	-	2	-	-	-
Methylpyridine[2-]	SW-846:8270C	ug/L	2	0	0	*10*	*10.1*	*10.2*	2	100	-	-	0	0	0	0	-	-	1	-	-	-
Naphthalene	SW-846:8270	ug/L	2	0	0	*1*	*1*	*1*	2	100	-	-	0	0	0	0	30	NMGSU	2	-	-	-
Naphthalene	SW-846:8270C	ug/L	15	0	0	*1*	*1.058*	*1.47*	15	100	-	-	0	0	0	0	30	NMGSU	4	-	-	-
Naphthalene	SW-846:8310	ug/L	1	0	0	*0.5*	*0.5*	*0.5*	1	100	-	-	0	0	0	0	30	NMGSU	1	-	-	-
Nitroaniline[2-]	SW-846:8270	ug/L	2	0	0	*10.1*	*10.15*	*10.2*	2	100	-	-	0	0	0	0	109.5	Reg6	2	-	-	-
Nitroaniline[2-]	SW-846:8270C	ug/L	16	0	0	*10*	*10.5875*	*14.7*	16	100	-	-	0	0	0	0	109.5	Reg6	4	-	-	-
Nitroaniline[3-]	SW-846:8270	ug/L	2	0	0	*10.1*	*10.15*	*10.2*	2	100	-	-	0	0	0	0	-	-	2	-	-	-
Nitroaniline[3-]	SW-846:8270C	ug/L	16	0	0	*10*	*10.5875*	*14.7*	16	100	-	-	0	0	0	0	-	-	4	-	-	-
Nitroaniline[4-]	SW-846:8270	ug/L	2	0	0	*10.1*	*10.15*	*10.2*	2	100	-	-	0	0	0	0	-	-	2	-	-	-
Nitroaniline[4-]	SW-846:8270C	ug/L	16	0	0	*10*	*10.5875*	*14.7*	16	100	-	-	0	0	0	0	-	-	4	-	-	-
Nitrobenzene	SW-846:8270	ug/L	2	0	0	*10.1*	*10.15*	*10.2*	2	100	-	-	2	0	0	0	3.395349	Reg6	2	-	-	-
Nitrobenzene	SW-846:8270C	ug/L	16	0	0	*10*	*10.5875*	*14.7*	16	100	-	-	16	0	0	0	3.395349	Reg6	4	-	-	-
Nitrophenol[2-]	SW-846:8270	ug/L	2	0	0	*10.1*	*10.15*	*10.2*	2	100	-	-	0	0	0	0	-	-	2	-	-	-
Nitrophenol[2-]	SW-846:8270C	ug/L	15	0	0	*10*	*10.5867*	*14.7*	15	100	-	-	0	0	0	0	-	-	4	-	-	-
Nitrophenol[4-]	SW-846:8270	ug/L	2	0	0	*10.1*	*10.15*	*10.2*	2	100	-	-	0	0	0	0	292	Reg6	2	-	-	-
Nitrophenol[4-]	SW-846:8270C	ug/L	16	0	0	*10*	*10.5875*	*14.7*	16	100	-	-	0	0	0	0	292	Reg6	4	-	-	-
Nitrosodiethylamine[N-]	SW-846:8270C	ug/L	11	0	0	*10*	*10.7909*	*14.7*	11	100	-	-	11	0	0	0	0.001435595	Reg6	4	-	-	-
Nitrosodimethylamine[N-]	SW-846:8270	ug/L	2	0	0	*10.1*	*10.15*	*10.2*	2	100	-	-	2	0	0	0	0.004222338	Reg6	2	-	-	-
Nitrosodimethylamine[N-]	SW-846:8270C	ug/L	14	0	0	*10*	*10.65*	*14.7*	14	100	-	-	14	0	0	0	0.004222338	Reg6	4	-	-	-
Nitroso-di-n-butylamine[N-]	SW-846:8270C	ug/L	11	0	0	*10*	*10.7909*	*14.7*	11	100	-	-	11	0	0	0	0.1226854	Reg6	4	-	-	-
Nitroso-di-n-propylamine[N-]	SW-846:8270	ug/L	2	0	0	*10.1*	*10.15*	*10.2*	2	100	-	-	2	0	0	0	0.09604505	Reg6	2	-	-	-
Nitroso-di-n-propylamine[N-]	SW-846:8270C	ug/L	16	0	0	*10*	*10.5875*	*14.7*	16	100	-	-	16	0	0	0	0.09604505	Reg6	4	-	-	-
Nitrosodiphenylamine[N-]	SW-846:8270C	ug/L	1	0	0	*10.2*	*10.2*	*10.2*	1	100	-	-	0	0	0	0	137.2072	Reg6	1	-	-	-
Nitrosopyrrolidine[N-]	SW-846:8270C	ug/L	11	0	0	*10*	*10.7909*	*14.7*	11	100	-	-	11	0	0	0	0.3201502	Reg6	4	-	-	-
Oxybis(1-chloropropane)[2,2'-]	SW-846:8270	ug/L	2	0	0	*10.1*	*10.15*	*10.2*	2	100	-	-	2	0	0	0	9.536393	Reg6	2	-	-	-
Oxybis(1-chloropropane)[2,2'-]	SW-846:8270C	ug/L	16	0	0	*10*	*10.5875*	*14.7*	16	100	-	-	16	0	0	0	9.536393	Reg6	4	-	-	-
Pentachlorobenzene	SW-846:8270C	ug/L	11	0	0	*10*	*10.7909*	*14.7*	11	100	-	-	0	0	0	0	29.2	Reg6	4	-	-	-
Pentachlorophenol	SW-846:8270	ug/L	2	0	0	*10.1*	*10.15*	*10.2*	2	100	-	-	2	0	0	0	1	MCL	2	-	-	-
Pentachlorophenol	SW-846:8270C	ug/L	16	0	0	*10*	*10.5875*	*14.7*	16	100	-	-	16	0	0	0	1	MCL	4	-	-	-
Phenanthrene	SW-846:8270	ug/L	2	0	0	*1*	*1*	*1*	2	100	-	-	0	0	0	0	-	-	2	-	-	-
Phenanthrene	SW-846:8270C	ug/L	12	0	0	*1*	*1.055*	*1.47*	12	100	-	-	0	0	0	0	-	-	4	-	-	-
Phenanthrene	SW-846:8310	ug/L	1	0	0	*0.5*	*0.5*	*0.5*	1	100	-	-	0	0	0	0	-	-	1	-	-	-
Phenol	SW-846:8270	ug/L	2	0	0	*10.1*	*10.15*	*10.2*	2	100	-	-	2	0	0	0	5	NMGSU	2	-	-	-
Phenol	SW-846:8270C	ug/L	16	0	0	*10*	*10.5875*	*14.7*	16	100	-	-	16	0	0	0	5	NMGSU	4	-	-	-
Pyrene	SW-846:8270	ug/L	2	0	0	*1*	*1*	*1*	2	100	-	-	0	0	0	0	182.5	Reg6	2	-	-	-
Pyrene	SW-846:8270C	ug/L	15	0	0	*1*	*1.058*	*1.47*	15	100	-	-	0	0	0	0	182.5	Reg6	4	-	-	-
Pyrene	SW-846:8310	ug/L	1	0	0	*0.05*	*0.05*	*0.05*	1	100	-	-	0	0	0	0	182.5	Reg6	1	-	-	-
Pyridine	SW-846:8270	ug/L	2	0	0	*10.1*	*10.15*	*10.2*	2	100	-	-	0	0	0	0	36.5	Reg6	2	-	-	-
Pyridine	SW-846:8270C	ug/L	7	0	0	*10*	*10.8857*	*14.7*	7	100	-	-	0	0	0	0	36.5	Reg6	4	-	-	-
Tetrachlorobenzene[1,2,4,5]	SW-846:8270C	ug/L	11	0	0	*10*	*10.7909*	*14.7*	11	100	-	-	11	0	0	0	0.00003	MCL	4	-	-	-
Tetrachlorophenol[2,3,4,6-]	SW-846:8270C	ug/L	11	0	0	*10*	*10.7909*	*14.7*	11	100	-	-	11	0	0	0	5	MCL	4	-	-	-
Trichlorobenzene[1,2,4-]	SW-846:8270	ug/L	2	0	0	*10.1*	*10.15*	*10.2*	2	100	-	-	0	0	0	0	70	MCL	2	-	-	-
Trichlorobenzene[1,2,4-]	SW-846:8270C	ug/L	16	0	0	*10*	*10.5875*	*14.7*	16	100	-	-	0	0	0	0	70	MCL	4	-	-	-
Trichlorophenol[2,4,5-]	SW-846:8270	ug/L	2	0	0	*10.1*	*10.15*	*10.2*	2	100	-	-	0	0	0	0	3650	Reg6	2	-	-	-
Trichlorophenol[2,4,5-]	SW-846:8270C	ug/L	16	0	0	*10*	*10.5875*	*14.7*	16	100	-	-	0	0	0	0	3650	Reg6	4	-	-	-
Trichlorophenol[2,4,6-]	SW-846:8270	ug/L	2	0	0	*10.1*	*10.15*	*10.2*	2	100	-	-	0	0	0	0	61.11958	Reg6	2	-	-	-
Trichlorophenol[2,4,6-]	SW-846:8270C	ug/L	16	0	0	*10*	*10.5875*	*14.7*	16	100	-	-	0	0	0	0	61.11958	Reg6	4	-	-	-
LA, SVOA, UF, Alluvial																						
Acenaphthene	SW-846:8270	ug/L	13	0	0	*0.98*	*0.99769*	*1*	13	100	-	-	0	0	0	0	365	Reg6	5	-	-	-

Table B-1
Screening Table for Los Alamos Canyon Watershed (including Pueblo Canyon)

Analyte	Method	Units	No. of Analyses	No. of Detects	D Rate %	Min	Mean	Max	No. of Non-detects	ND Rate %	BV	D> BV	ND> Std	D> Std	D> Std/2	D>Std/2 Rate %	Level	Std Type	Locations with Data (number)	D>Std (number of locations)	D>Std/2 (number of locations)	D>Std Stations
Acenaphthene	SW-846:8270C	ug/L	48	0	0	*0.99*	*1.10563*	*2*	48	100	-	-	0	0	0	0	365	Reg6	17	-	-	-
Acenaphthene	SW-846:8310	ug/L	7	0	0	*0.5*	*0.5*	*0.5*	7	100	-	-	0	0	0	0	365	Reg6	5	-	-	-
Acenaphthylene	SW-846:8270	ug/L	13	0	0	*0.98*	*0.99769*	*1*	13	100	-	-	0	0	0	0	-	-	5	-	-	-
Acenaphthylene	SW-846:8270C	ug/L	48	0	0	*0.99*	*1.10563*	*2*	48	100	-	-	0	0	0	0	-	-	17	-	-	-
Acenaphthylene	SW-846:8310	ug/L	7	0	0	*0.5*	*0.5*	*0.5*	7	100	-	-	0	0	0	0	-	-	5	-	-	-
Acetophenone	SW-846:8270C	ug/L	12	0	0	*10*	*13.075*	*20.4*	12	100	-	-	0	0	0	0	608.3333	Reg6	12	-	-	-
Aniline	SW-846:8270	ug/L	13	0	0	*9.8*	*10.2154*	*10.5*	13	100	-	-	0	0	0	0	117.9501	Reg6	5	-	-	-
Aniline	SW-846:8270C	ug/L	41	0	0	*9.9*	*10.3756*	*11.9*	41	100	-	-	0	0	0	0	117.9501	Reg6	16	-	-	-
Anthracene	SW-846:8270	ug/L	13	0	0	*0.98*	*0.99769*	*1*	13	100	-	-	0	0	0	0	1825	Reg6	5	-	-	-
Anthracene	SW-846:8270C	ug/L	48	0	0	*0.99*	*1.10563*	*2*	48	100	-	-	0	0	0	0	1825	Reg6	17	-	-	-
Anthracene	SW-846:8310	ug/L	7	0	0	*0.5*	*0.5*	*0.5*	7	100	-	-	0	0	0	0	1825	Reg6	5	-	-	-
Atrazine	SW-846:8270C	ug/L	33	0	0	*9.9*	*10.4455*	*11.9*	33	100	-	-	33	0	0	0	3	MCL	16	-	-	-
Azobenzene	SW-846:8270	ug/L	11	0	0	*9.8*	*10.2364*	*10.5*	11	100	-	-	11	0	0	0	6.111958	Reg6	5	-	-	-
Azobenzene	SW-846:8270C	ug/L	40	0	0	*1*	*10.4075*	*20*	40	100	-	-	39	0	0	0	6.111958	Reg6	16	-	-	-
Benzidine	SW-846:8270	ug/L	13	0	0	*49*	*51.1077*	*52.6*	13	100	-	-	13	0	0	0	0.000936258	Reg6	5	-	-	-
Benzidine	SW-846:8270C	ug/L	31	0	0	*9.9*	*22.6548*	*52.1*	31	100	-	-	31	0	0	0	0.000936258	Reg6	16	-	-	-
Benzo(a)anthracene	SW-846:8270	ug/L	13	0	0	*0.98*	*0.99769*	*1*	13	100	-	-	13	0	0	0	0.2949853	Reg6	5	-	-	-
Benzo(a)anthracene	SW-846:8270C	ug/L	48	0	0	*0.99*	*1.10563*	*2*	48	100	-	-	48	0	0	0	0.2949853	Reg6	17	-	-	-
Benzo(a)anthracene	SW-846:8310	ug/L	7	0	0	*0.05*	*0.05*	*0.05*	7	100	-	-	0	0	0	0	0.2949853	Reg6	5	-	-	-
Benzo(a)pyrene	SW-846:8270	ug/L	13	0	0	*0.98*	*0.99769*	*1*	13	100	-	-	13	0	0	0	0.2	MCL	5	-	-	-
Benzo(a)pyrene	SW-846:8270C	ug/L	48	0	0	*0.99*	*1.10563*	*2*	48	100	-	-	48	0	0	0	0.2	MCL	17	-	-	-
Benzo(a)pyrene	SW-846:8310	ug/L	7	0	0	*0.05*	*0.05*	*0.05*	7	100	-	-	0	0	0	0	0.2	MCL	5	-	-	-
Benzo(b)fluoranthene	SW-846:8270	ug/L	13	0	0	*0.98*	*0.99769*	*1*	13	100	-	-	13	0	0	0	0.2949853	Reg6	5	-	-	-
Benzo(b)fluoranthene	SW-846:8270C	ug/L	48	0	0	*0.99*	*1.10563*	*2*	48	100	-	-	48	0	0	0	0.2949853	Reg6	17	-	-	-
Benzo(b)fluoranthene	SW-846:8310	ug/L	7	0	0	*0.05*	*0.05*	*0.05*	7	100	-	-	0	0	0	0	0.2949853	Reg6	5	-	-	-
Benzo(g,h,i)perylene	SW-846:8270	ug/L	13	0	0	*0.98*	*0.99769*	*1*	13	100	-	-	0	0	0	0	-	-	5	-	-	-
Benzo(g,h,i)perylene	SW-846:8270C	ug/L	42	0	0	*0.99*	*1.0881*	*2*	42	100	-	-	0	0	0	0	-	-	17	-	-	-
Benzo(g,h,i)perylene	SW-846:8310	ug/L	7	0	0	*0.05*	*0.05*	*0.05*	7	100	-	-	0	0	0	0	-	-	5	-	-	-
Benzo(k)fluoranthene	SW-846:8270	ug/L	13	0	0	*0.98*	*0.99769*	*1*	13	100	-	-	0	0	0	0	2.949853	Reg6	5	-	-	-
Benzo(k)fluoranthene	SW-846:8270C	ug/L	48	0	0	*0.99*	*1.10563*	*2*	48	100	-	-	0	0	0	0	2.949853	Reg6	17	-	-	-
Benzo(k)fluoranthene	SW-846:8310	ug/L	7	1	14	0.0436	0.0436	0.0436	6	86	-	-	0	0	0	0	2.949853	Reg6	5	-	-	-
Benzoic Acid	SW-846:8270	ug/L	10	0	0	*20*	*20.56*	*21*	10	100	-	-	0	0	0	0	146000	Reg6	5	-	-	-
Benzoic Acid	SW-846:8270C	ug/L	52	0	0	*19.8*	*22.0019*	*40.8*	52	100	-	-	0	0	0	0	146000	Reg6	17	-	-	-
Benzyl Alcohol	SW-846:8270	ug/L	11	0	0	*9.9*	*10.2455*	*10.5*	11	100	-	-	0	0	0	0	10950	Reg6	5	-	-	-
Benzyl Alcohol	SW-846:8270C	ug/L	53	0	0	*9.9*	*10.9868*	*20.4*	53	100	-	-	0	0	0	0	10950	Reg6	17	-	-	-
Bis(2-chloroethoxy)methane	SW-846:8270	ug/L	13	0	0	*9.8*	*10.2154*	*10.5*	13	100	-	-	0	0	0	0	-	-	5	-	-	-
Bis(2-chloroethoxy)methane	SW-846:8270C	ug/L	51	0	0	*9.9*	*10.9804*	*20.4*	51	100	-	-	0	0	0	0	-	-	17	-	-	-
Bis(2-chloroethyl)ether	SW-846:8270	ug/L	13	0	0	*9.8*	*10.2154*	*10.5*	13	100	-	-	13	0	0	0	0.602164	Reg6	5	-	-	-
Bis(2-chloroethyl)ether	SW-846:8270C	ug/L	53	0	0	*9.9*	*10.9868*	*20.4*	53	100	-	-	53	0	0	0	0.602164	Reg6	17	-	-	-
Bis(2-ethylhexyl)phthalate	SW-846:8270	ug/L	13	1	8	2.3	2.3	2.3	12	92	-	-	11	0	0	0	6	MCL	5	-	-	-
Bis(2-ethylhexyl)phthalate	SW-846:8270C	ug/L	53	2	4	0.28	1.44	2.6	51	96	-	-	47	0	0	0	6	MCL	17	-	-	-
Bromophenyl-phenylether[4-]	SW-846:8270	ug/L	13	0	0	*9.8*	*10.2154*	*10.5*	13	100	-	-	0	0	0	0	-	-	5	-	-	-
Bromophenyl-phenylether[4-]	SW-846:8270C	ug/L	53	0	0	*9.9*	*10.9868*	*20.4*	53	100	-	-	0	0	0	0	-	-	17	-	-	-
Butylbenzylphthalate	SW-846:8270	ug/L	13	0	0	*9.8*	*10.2154*	*10.5*	13	100	-	-	0	0	0	0	7300	Reg6	5	-	-	-
Butylbenzylphthalate	SW-846:8270C	ug/L	53	0	0	*9.9*	*10.9868*	*20.4*	53	100	-	-	0	0	0	0	7300	Reg6	17	-	-	-
Carbazole	SW-846:8270C	ug/L	12	0	0	*10*	*13.075*	*20.4*	12	100	-	-	0	0	0	0	33.61577	Reg6	12	-	-	-
Chloro-3-methylphenol[4-]	SW-846:8270	ug/L	11	0	0	*9.9*	*10.2455*	*10.5*	11	100	-	-	0	0	0	0	-	-	5	-	-	-
Chloro-3-methylphenol[4-]	SW-846:8270C	ug/L	53	0	0	*9.9*	*10.9868*	*20.4*	53	100	-	-	0	0	0	0	-	-	17	-	-	-
Chloroaniline[4-]	SW-846:8270	ug/L	13	0	0	*9.8*	*10.2154*	*10.5*	13	100	-	-	0	0	0	0	146	Reg6	5	-	-	-
Chloroaniline[4-]	SW-846:8270C	ug/L	53	0	0	*9.9*	*10.9868*	*20.4*	53	100	-	-	0	0	0	0	146	Reg6	17	-	-	-
Chloronaphthalene[2-]	SW-846:8270	ug/L	13	0	0	*0.98*	*0.99769*	*1*	13	100	-	-	0	0	0	0	486.6667	Reg6	5	-	-	-
Chloronaphthalene[2-]	SW-846:8270C	ug/L	53	0	0	*0.99*	*1.09566*	*2*	53	100	-	-	0	0	0	0	486.6667	Reg6	17	-	-	-
Chlorophenol[2-]	SW-846:8270	ug/L	11	0	0	*9.9*	*10.2455*	*10.5*	11	100	-	-	0	0	0	0	30.41667	Reg6	5	-	-	-
Chlorophenol[2-]	SW-846:8270C	ug/L	53	0	0	*9.9*	*10.9868*	*20.4*	53	100	-	-	0	0	0	0	30.41667	Reg6	17	-	-	-
Chlorophenyl-phenyl[4-] Ether	SW-846:8270	ug/L	13	0	0	*9.8*	*10.2154*	*10.5*	13	100	-	-	0	0	0	0	-	-	5	-	-	-
Chlorophenyl-phenyl[4-] Ether	SW-846:8270C	ug/L	53	0	0	*9.9*	*10.9868*	*20.4*	53	100	-	-	0	0	0	0	-	-	17	-	-	-
Chrysene	SW-846:8270	ug/L	13	0	0	*0.98*	*0.99769*	*1*	13	100	-	-	13	0	0	0	0.2	MCL	5	-	-	-
Chrysene	SW-846:8270C	ug/L	48	0	0	*0.99*	*1.10563*	*2*	48	100	-	-	48	0	0	0	0.2	MCL	17	-	-	-
Chrysene	SW-846:8310	ug/L	7	0	0	*0.05*	*0.05*	*0.05*	7	100	-	-	0	0	0	0	0.2	MCL	5	-	-	-
Dibenz(a,h)anthracene	SW-846:8270	ug/L	13	0	0	*0.98*	*0.99769*	*1*	13	100	-	-	13	0	0	0	0.02949853	Reg6	5	-	-	-

Table B-1
Screening Table for Los Alamos Canyon Watershed (including Pueblo Canyon)

Analyte	Method	Units	No. of Analyses	No. of Detects	D Rate %	Min	Mean	Max	No. of Non-detects	ND Rate %	BV	D> BV	ND> Std	D> Std	D> Std/2	D>Std/2 Rate %	Level	Std Type	Locations with Data (number)	D>Std (number of locations)	D>Std/2 (number of locations)	D>Std Stations
Dibenz(a,h)anthracene	SW-846:8270C	ug/L	48	0	0	0.99	1.10563	2	48	100	-	-	48	0	0	0	0.02949853	Reg6	17	-	-	-
Dibenz(a,h)anthracene	SW-846:8310	ug/L	7	1	14	0.0235	0.0235	0.0235	6	86	-	-	6	0	1	14	0.02949853	Reg6	5	-	1	-
Dibenzofuran	SW-846:8270	ug/L	13	0	0	9.8	10.2154	10.5	13	100	-	-	0	0	0	0	12.16667	Reg6	5	-	-	-
Dibenzofuran	SW-846:8270C	ug/L	53	0	0	9.9	10.9868	20.4	53	100	-	-	4	0	0	0	12.16667	Reg6	17	-	-	-
Dichlorobenzene[1,2-]	SW-846:8270	ug/L	13	0	0	9.8	10.2154	10.5	13	100	-	-	0	0	0	0	600	MCL	5	-	-	-
Dichlorobenzene[1,2-]	SW-846:8270C	ug/L	53	0	0	9.9	10.9868	20.4	53	100	-	-	0	0	0	0	600	MCL	17	-	-	-
Dichlorobenzene[1,3-]	SW-846:8270	ug/L	13	0	0	9.8	10.2154	10.5	13	100	-	-	0	0	0	0	600	MCL	5	-	-	-
Dichlorobenzene[1,3-]	SW-846:8270C	ug/L	53	0	0	9.9	10.9868	20.4	53	100	-	-	0	0	0	0	600	MCL	17	-	-	-
Dichlorobenzene[1,4-]	SW-846:8270	ug/L	13	0	0	9.8	10.2154	10.5	13	100	-	-	0	0	0	0	75	MCL	5	-	-	-
Dichlorobenzene[1,4-]	SW-846:8270C	ug/L	53	0	0	9.9	10.9868	20.4	53	100	-	-	0	0	0	0	75	MCL	17	-	-	-
Dichlorobenzidine[3,3'-]	SW-846:8270	ug/L	13	0	0	9.8	10.2154	10.5	13	100	-	-	13	0	0	0	1.494034	Reg6	5	-	-	-
Dichlorobenzidine[3,3'-]	SW-846:8270C	ug/L	53	0	0	9.9	10.9868	20.4	53	100	-	-	53	0	0	0	1.494034	Reg6	17	-	-	-
Dichlorophenol[2,4-]	SW-846:8270	ug/L	11	0	0	9.9	10.2455	10.5	11	100	-	-	0	0	0	0	109.5	Reg6	5	-	-	-
Dichlorophenol[2,4-]	SW-846:8270C	ug/L	53	0	0	9.9	10.9868	20.4	53	100	-	-	0	0	0	0	109.5	Reg6	17	-	-	-
Diethylphthalate	SW-846:8270	ug/L	13	2	15	1.1	2.05	3	11	85	-	-	0	0	0	0	29200	Reg6	5	-	-	-
Diethylphthalate	SW-846:8270C	ug/L	53	0	0	9.9	10.9868	20.4	53	100	-	-	0	0	0	0	29200	Reg6	17	-	-	-
Dimethyl Phthalate	SW-846:8270	ug/L	13	1	8	0.67	0.67	0.67	12	92	-	-	0	0	0	0	365000	Reg6	5	-	-	-
Dimethyl Phthalate	SW-846:8270C	ug/L	53	0	0	9.9	10.9868	20.4	53	100	-	-	0	0	0	0	365000	Reg6	17	-	-	-
Dimethylphenol[2,4-]	SW-846:8270	ug/L	11	0	0	9.9	10.2455	10.5	11	100	-	-	0	0	0	0	730	Reg6	5	-	-	-
Dimethylphenol[2,4-]	SW-846:8270C	ug/L	53	0	0	9.9	10.9868	20.4	53	100	-	-	0	0	0	0	730	Reg6	17	-	-	-
Di-n-butylphthalate	SW-846:8270	ug/L	13	2	15	1.2	1.25	1.3	11	85	-	-	0	0	0	0	3650	Reg6	5	-	-	-
Di-n-butylphthalate	SW-846:8270C	ug/L	53	0	0	9.9	10.9868	20.4	53	100	-	-	0	0	0	0	3650	Reg6	17	-	-	-
Dinitro-2-methylphenol[4,6-]	SW-846:8270	ug/L	11	0	0	9.9	10.2455	10.5	11	100	-	-	0	0	0	0	-	-	5	-	-	-
Dinitro-2-methylphenol[4,6-]	SW-846:8270C	ug/L	53	0	0	9.9	10.9868	20.4	53	100	-	-	0	0	0	0	-	-	17	-	-	-
Dinitrophenol[2,4-]	SW-846:8270	ug/L	11	0	0	19.8	20.4909	21	11	100	-	-	0	0	0	0	73	Reg6	5	-	-	-
Dinitrophenol[2,4-]	SW-846:8270C	ug/L	53	0	0	19.8	21.9755	40.8	53	100	-	-	0	0	0	0	73	Reg6	17	-	-	-
Dinitrotoluene[2,4-]	SW-846:8270	ug/L	13	0	0	9.8	10.2154	10.5	13	100	-	-	0	0	0	0	73	Reg6	5	-	-	-
Dinitrotoluene[2,4-]	SW-846:8270C	ug/L	53	0	0	9.9	10.9868	20.4	53	100	-	-	0	0	0	0	73	Reg6	17	-	-	-
Dinitrotoluene[2,6-]	SW-846:8270	ug/L	13	0	0	9.8	10.2154	10.5	13	100	-	-	0	0	0	0	36.5	Reg6	5	-	-	-
Dinitrotoluene[2,6-]	SW-846:8270C	ug/L	53	0	0	9.9	10.9868	20.4	53	100	-	-	0	0	0	0	36.5	Reg6	17	-	-	-
Di-n-octylphthalate	SW-846:8270	ug/L	13	0	0	9.8	10.2154	10.5	13	100	-	-	0	0	0	0	-	-	5	-	-	-
Di-n-octylphthalate	SW-846:8270C	ug/L	53	2	4	4.56	8.63	12.7	51	96	-	-	0	0	0	0	-	-	17	-	-	-
Dinoseb	SW-846:8270C	ug/L	33	0	0	9.9	10.4455	11.9	33	100	-	-	0	0	0	0	-	-	16	-	-	-
Dioxane[1,4-]	SW-846:8270C	ug/L	33	0	0	1.1	10.7939	30.7	33	100	-	-	0	0	0	0	61.11958	Reg6	16	-	-	-
Diphenylamine	SW-846:8270	ug/L	13	0	0	9.8	10.2154	10.5	13	100	-	-	0	0	0	0	912.5	Reg6	5	-	-	-
Diphenylamine	SW-846:8270C	ug/L	48	0	0	9.9	11.0854	20.4	48	100	-	-	0	0	0	0	912.5	Reg6	17	-	-	-
Diphenylhydrazine[1,2-]	SW-846:8270	ug/L	2	0	0	10	10.1	10.2	2	100	-	-	2	0	0	0	0.8403942	Reg6	1	-	-	-
Diphenylhydrazine[1,2-]	SW-846:8270C	ug/L	3	0	0	10	10.1667	10.3	3	100	-	-	3	0	0	0	0.8403942	Reg6	3	-	-	-
Fluoranthene	SW-846:8270	ug/L	13	0	0	0.98	0.99769	1	13	100	-	-	0	0	0	0	1460	Reg6	5	-	-	-
Fluoranthene	SW-846:8270C	ug/L	48	0	0	0.99	1.10563	2	48	100	-	-	0	0	0	0	1460	Reg6	17	-	-	-
Fluoranthene	SW-846:8310	ug/L	7	0	0	0.05	0.05	0.05	7	100	-	-	0	0	0	0	1460	Reg6	5	-	-	-
Fluorene	SW-846:8270	ug/L	13	0	0	0.98	0.99769	1	13	100	-	-	0	0	0	0	243.3333	Reg6	5	-	-	-
Fluorene	SW-846:8270C	ug/L	48	0	0	0.99	1.10563	2	48	100	-	-	0	0	0	0	243.3333	Reg6	17	-	-	-
Fluorene	SW-846:8310	ug/L	7	0	0	0.5	0.5	0.5	7	100	-	-	0	0	0	0	243.3333	Reg6	5	-	-	-
Hexachlorobenzene	SW-846:8270	ug/L	13	0	0	9.8	10.2154	10.5	13	100	-	-	13	0	0	0	1	MCL	5	-	-	-
Hexachlorobenzene	SW-846:8270C	ug/L	53	0	0	9.9	10.9868	20.4	53	100	-	-	53	0	0	0	1	MCL	17	-	-	-
Hexachlorobutadiene	SW-846:8270	ug/L	13	0	0	9.8	10.2154	10.5	13	100	-	-	13	0	0	0	8.619427	Reg6	5	-	-	-
Hexachlorobutadiene	SW-846:8270C	ug/L	53	0	0	9.9	10.9868	20.4	53	100	-	-	53	0	0	0	8.619427	Reg6	17	-	-	-
Hexachlorocyclopentadiene	SW-846:8270	ug/L	13	0	0	9.8	10.2154	10.5	13	100	-	-	0	0	0	0	50	MCL	5	-	-	-
Hexachlorocyclopentadiene	SW-846:8270C	ug/L	53	0	0	9.9	10.9868	20.4	53	100	-	-	0	0	0	0	50	MCL	17	-	-	-
Hexachloroethane	SW-846:8270	ug/L	13	0	0	9.8	10.2154	10.5	13	100	-	-	0	0	0	0	48.02252	Reg6	5	-	-	-
Hexachloroethane	SW-846:8270C	ug/L	53	0	0	9.9	10.9868	20.4	53	100	-	-	0	0	0	0	48.02252	Reg6	17	-	-	-
Indeno(1,2,3-cd)pyrene	SW-846:8270	ug/L	13	0	0	0.98	0.99769	1	13	100	-	-	13	0	0	0	0.2949853	Reg6	5	-	-	-
Indeno(1,2,3-cd)pyrene	SW-846:8270C	ug/L	48	0	0	0.99	1.10563	2	48	100	-	-	48	0	0	0	0.2949853	Reg6	17	-	-	-
Indeno(1,2,3-cd)pyrene	SW-846:8310	ug/L	7	0	0	0.05	0.05	0.05	7	100	-	-	0	0	0	0	0.2949853	Reg6	5	-	-	-
Isophorone	SW-846:8270	ug/L	13	0	0	9.8	10.2154	10.5	13	100	-	-	0	0	0	0	707.7004	Reg6	5	-	-	-
Isophorone	SW-846:8270C	ug/L	53	0	0	9.9	10.9868	20.4	53	100	-	-	0	0	0	0	707.7004	Reg6	17	-	-	-
Methylnaphthalene[1-]	SW-846:8270C	ug/L	35	0	0	0.99	1.07057	2	35	100	-	-	0	0	0	0	-	-	16	-	-	-
Methylnaphthalene[2-]	SW-846:8270	ug/L	13	0	0	0.98	0.99769	1	13	100	-	-	0	0	0	0	-	-	5	-	-	-
Methylnaphthalene[2-]	SW-846:8270C	ug/L	53	0	0	0.99	1.09566	2	53	100	-	-	0	0	0	0	-	-	17	-	-	-

Table B-1
Screening Table for Los Alamos Canyon Watershed (including Pueblo Canyon)

Analyte	Method	Units	No. of Analyses	No. of Detects	D Rate %	Min	Mean	Max	No. of Non-detects	ND Rate %	BV	D> BV	ND> Std	D> Std	D> Std/2	D>Std/2 Rate %	Level	Std Type	Locations with Data (number)	D>Std (number of locations)	D>Std/2 (number of locations)	D>Std Stations
Methylphenol[2-]	SW-846:8270	ug/L	11	0	0	*9.9*	*10.2455*	*10.5*	11	100	-	-	0	0	0	0	1825	Reg6	5	-	-	-
Methylphenol[2-]	SW-846:8270C	ug/L	53	0	0	*9.9*	*10.9868*	*20.4*	53	100	-	-	0	0	0	0	1825	Reg6	17	-	-	-
Methylphenol[3-,4-]	SW-846:8270C	ug/L	33	0	0	*9.9*	*10.4455*	*11.9*	33	100	-	-	0	0	0	0	-	-	16	-	-	-
Methylphenol[4-]	SW-846:8270	ug/L	11	0	0	*9.9*	*10.2455*	*10.5*	11	100	-	-	0	0	0	0	182.5	Reg6	5	-	-	-
Methylphenol[4-]	SW-846:8270C	ug/L	20	0	0	*10*	*11.88*	*20.4*	20	100	-	-	0	0	0	0	182.5	Reg6	13	-	-	-
Methylpyridine[2-]	SW-846:8270	ug/L	13	0	0	*9.8*	*10.2154*	*10.5*	13	100	-	-	0	0	0	0	-	-	5	-	-	-
Methylpyridine[2-]	SW-846:8270C	ug/L	3	0	0	*10*	*10.1667*	*10.3*	3	100	-	-	0	0	0	0	-	-	3	-	-	-
Naphthalene	SW-846:8270	ug/L	13	0	0	*0.98*	*0.99769*	*1*	13	100	-	-	0	0	0	0	30	NMGSU	5	-	-	-
Naphthalene	SW-846:8270C	ug/L	47	1	2	4.33	4.33	4.33	46	98	-	-	0	0	0	0	30	NMGSU	17	-	-	-
Naphthalene	SW-846:8310	ug/L	7	0	0	*0.5*	*0.5*	*0.5*	7	100	-	-	0	0	0	0	30	NMGSU	5	-	-	-
Nitroaniline[2-]	SW-846:8270	ug/L	13	0	0	*9.8*	*10.2154*	*10.5*	13	100	-	-	0	0	0	0	109.5	Reg6	5	-	-	-
Nitroaniline[2-]	SW-846:8270C	ug/L	53	0	0	*9.9*	*10.9868*	*20.4*	53	100	-	-	0	0	0	0	109.5	Reg6	17	-	-	-
Nitroaniline[3-]	SW-846:8270	ug/L	13	0	0	*9.8*	*10.2154*	*10.5*	13	100	-	-	0	0	0	0	-	-	5	-	-	-
Nitroaniline[3-]	SW-846:8270C	ug/L	53	0	0	*9.9*	*10.9868*	*20.4*	53	100	-	-	0	0	0	0	-	-	17	-	-	-
Nitroaniline[4-]	SW-846:8270	ug/L	13	0	0	*9.8*	*10.2154*	*10.5*	13	100	-	-	0	0	0	0	-	-	5	-	-	-
Nitroaniline[4-]	SW-846:8270C	ug/L	53	0	0	*9.9*	*10.9868*	*20.4*	53	100	-	-	0	0	0	0	-	-	17	-	-	-
Nitrobenzene	SW-846:8270	ug/L	13	0	0	*9.8*	*10.2154*	*10.5*	13	100	-	-	13	0	0	0	3.395349	Reg6	5	-	-	-
Nitrobenzene	SW-846:8270C	ug/L	53	0	0	*9.9*	*10.9868*	*20.4*	53	100	-	-	53	0	0	0	3.395349	Reg6	17	-	-	-
Nitrophenol[2-]	SW-846:8270	ug/L	11	0	0	*9.9*	*10.2455*	*10.5*	11	100	-	-	0	0	0	0	-	-	5	-	-	-
Nitrophenol[2-]	SW-846:8270C	ug/L	45	0	0	*9.9*	*11.0667*	*20.4*	45	100	-	-	0	0	0	0	-	-	17	-	-	-
Nitrophenol[4-]	SW-846:8270	ug/L	11	0	0	*9.9*	*10.2455*	*10.5*	11	100	-	-	0	0	0	0	292	Reg6	5	-	-	-
Nitrophenol[4-]	SW-846:8270C	ug/L	53	0	0	*9.9*	*10.9868*	*20.4*	53	100	-	-	0	0	0	0	292	Reg6	17	-	-	-
Nitrosodiethylamine[N-]	SW-846:8270C	ug/L	33	0	0	*9.9*	*10.4455*	*11.9*	33	100	-	-	33	0	0	0	0.001435595	Reg6	16	-	-	-
Nitrosodimethylamine[N-]	SW-846:8270	ug/L	13	0	0	*9.8*	*10.2154*	*10.5*	13	100	-	-	13	0	0	0	0.004222338	Reg6	5	-	-	-
Nitrosodimethylamine[N-]	SW-846:8270C	ug/L	41	0	0	*9.9*	*10.3756*	*11.9*	41	100	-	-	41	0	0	0	0.004222338	Reg6	16	-	-	-
Nitroso-di-n-butylamine[N-]	SW-846:8270C	ug/L	33	0	0	*9.9*	*10.4455*	*11.9*	33	100	-	-	33	0	0	0	0.1226854	Reg6	16	-	-	-
Nitroso-di-n-propylamine[N-]	SW-846:8270	ug/L	13	0	0	*9.8*	*10.2154*	*10.5*	13	100	-	-	13	0	0	0	0.09604505	Reg6	5	-	-	-
Nitroso-di-n-propylamine[N-]	SW-846:8270C	ug/L	53	0	0	*9.9*	*10.9868*	*20.4*	53	100	-	-	53	0	0	0	0.09604505	Reg6	17	-	-	-
Nitrosodiphenylamine[N-]	SW-846:8270C	ug/L	5	0	0	*10*	*10.04*	*10.2*	5	100	-	-	0	0	0	0	137.2072	Reg6	5	-	-	-
Nitrosopyrrolidine[N-]	SW-846:8270C	ug/L	33	0	0	*9.9*	*10.4455*	*11.9*	33	100	-	-	33	0	0	0	0.3201502	Reg6	16	-	-	-
Oxybis(1-chloropropane)[2,2'-]	SW-846:8270	ug/L	13	0	0	*9.8*	*10.2154*	*10.5*	13	100	-	-	13	0	0	0	9.536393	Reg6	5	-	-	-
Oxybis(1-chloropropane)[2,2'-]	SW-846:8270C	ug/L	53	0	0	*9.9*	*10.9868*	*20.4*	53	100	-	-	53	0	0	0	9.536393	Reg6	17	-	-	-
Pentachlorobenzene	SW-846:8270C	ug/L	33	0	0	*9.9*	*10.4455*	*11.9*	33	100	-	-	0	0	0	0	29.2	Reg6	16	-	-	-
Pentachlorophenol	SW-846:8270	ug/L	12	0	0	*9.9*	*10.25*	*10.5*	12	100	-	-	12	0	0	0	1	MCL	5	-	-	-
Pentachlorophenol	SW-846:8270C	ug/L	53	0	0	*9.9*	*10.9868*	*20.4*	53	100	-	-	53	0	0	0	1	MCL	17	-	-	-
Phenanthrene	SW-846:8270	ug/L	13	0	0	*0.98*	*0.99769*	*1*	13	100	-	-	0	0	0	0	-	-	5	-	-	-
Phenanthrene	SW-846:8270C	ug/L	44	0	0	*0.99*	*1.10932*	*2*	44	100	-	-	0	0	0	0	-	-	17	-	-	-
Phenanthrene	SW-846:8310	ug/L	7	0	0	*0.5*	*0.5*	*0.5*	7	100	-	-	0	0	0	0	-	-	5	-	-	-
Phenol	SW-846:8270	ug/L	11	0	0	*9.9*	*10.2455*	*10.5*	11	100	-	-	11	0	0	0	5	NMGSU	5	-	-	-
Phenol	SW-846:8270C	ug/L	52	0	0	*9.9*	*11.0058*	*20.4*	52	100	-	-	52	0	0	0	5	NMGSU	17	-	-	-
Pyrene	SW-846:8270	ug/L	13	0	0	*0.98*	*0.99769*	*1*	13	100	-	-	0	0	0	0	182.5	Reg6	5	-	-	-
Pyrene	SW-846:8270C	ug/L	48	0	0	*0.99*	*1.10563*	*2*	48	100	-	-	0	0	0	0	182.5	Reg6	17	-	-	-
Pyrene	SW-846:8310	ug/L	7	0	0	*0.05*	*0.05*	*0.05*	7	100	-	-	0	0	0	0	182.5	Reg6	5	-	-	-
Pyridine	SW-846:8270	ug/L	13	0	0	*9.8*	*10.2154*	*10.5*	13	100	-	-	0	0	0	0	36.5	Reg6	5	-	-	-
Pyridine	SW-846:8270C	ug/L	26	0	0	*9.9*	*10.4308*	*11.9*	26	100	-	-	0	0	0	0	36.5	Reg6	16	-	-	-
Tetrachlorobenzene[1,2,4,5]	SW-846:8270C	ug/L	33	0	0	*9.9*	*10.4455*	*11.9*	33	100	-	-	33	0	0	0	0.00003	MCL	16	-	-	-
Tetrachlorophenol[2,3,4,6-]	SW-846:8270C	ug/L	33	0	0	*9.9*	*10.4455*	*11.9*	33	100	-	-	33	0	0	0	5	MCL	16	-	-	-
Trichlorobenzene[1,2,4-]	SW-846:8270	ug/L	13	0	0	*9.8*	*10.2154*	*10.5*	13	100	-	-	0	0	0	0	70	MCL	5	-	-	-
Trichlorobenzene[1,2,4-]	SW-846:8270C	ug/L	53	0	0	*9.9*	*10.9868*	*20.4*	53	100	-	-	0	0	0	0	70	MCL	17	-	-	-
Trichlorophenol[2,4,5-]	SW-846:8270	ug/L	11	0	0	*9.9*	*10.2455*	*10.5*	11	100	-	-	0	0	0	0	3650	Reg6	5	-	-	-
Trichlorophenol[2,4,5-]	SW-846:8270C	ug/L	53	0	0	*9.9*	*10.9868*	*20.4*	53	100	-	-	0	0	0	0	3650	Reg6	17	-	-	-
Trichlorophenol[2,4,6-]	SW-846:8270	ug/L	11	0	0	*9.9*	*10.2455*	*10.5*	11	100	-	-	0	0	0	0	61.11958	Reg6	5	-	-	-
Trichlorophenol[2,4,6-]	SW-846:8270C	ug/L	53	0	0	*9.9*	*10.9868*	*20.4*	53	100	-	-	0	0	0	0	61.11958	Reg6	17	-	-	-
LA, SVOA, UF, Intermediate																						
Acenaphthene	SW-846:8270	ug/L	6	0	0	*1*	*1.03333*	*1.1*	6	100	-	-	0	0	0	0	365	Reg6	2	-	-	-
Acenaphthene	SW-846:8270C	ug/L	48	0	0	*0.92*	*1.08729*	*2.08*	48	100	-	-	0	0	0	0	365	Reg6	10	-	-	-
Acenaphthylene	SW-846:8270	ug/L	6	0	0	*1*	*1.03333*	*1.1*	6	100	-	-	0	0	0	0	-	-	2	-	-	-
Acenaphthylene	SW-846:8270C	ug/L	48	0	0	*0.92*	*1.08729*	*2.08*	48	100	-	-	0	0	0	0	-	-	10	-	-	-
Acetophenone	SW-846:8270C	ug/L	1	0	0	*9.2*	*9.2*	*9.2*	1	100	-	-	0	0	0	0	608.3333	Reg6	1	-	-	-
Aniline	SW-846:8270	ug/L	6	0	0	*10*	*10.4167*	*10.9*	6	100	-	-	0	0	0	0	117.9501	Reg6	2	-	-	-

Table B-1
Screening Table for Los Alamos Canyon Watershed (including Pueblo Canyon)

Analyte	Method	Units	No. of Analyses	No. of Detects	D Rate %	Min	Mean	Max	No. of Non-detects	ND Rate %	BV	D> BV	ND> Std	D> Std	D> Std/2	D>Std/2 Rate %	Level	Std Type	Locations with Data (number)	D>Std (number of locations)	D>Std/2 (number of locations)	D>Std Stations
Aniline	SW-846:8270C	ug/L	47	0	0	10	10.9213	20.8	47	100	-	-	0	0	0	0	117.9501	Reg6	10	-	-	-
Anthracene	SW-846:8270	ug/L	6	0	0	1	1.03333	1.1	6	100	-	-	0	0	0	0	1825	Reg6	2	-	-	-
Anthracene	SW-846:8270C	ug/L	45	0	0	0.92	1.09089	2.08	45	100	-	-	0	0	0	0	1825	Reg6	10	-	-	-
Atrazine	SW-846:8270C	ug/L	43	0	0	10	10.9884	20.8	43	100	-	-	43	0	0	0	3	MCL	9	-	-	-
Azobenzene	SW-846:8270	ug/L	6	0	0	10	10.4167	10.9	6	100	-	-	6	0	0	0	6.111958	Reg6	2	-	-	-
Azobenzene	SW-846:8270C	ug/L	42	0	0	10	10.9976	20.8	42	100	-	-	42	0	0	0	6.111958	Reg6	9	-	-	-
Benzidine	SW-846:8270	ug/L	2	0	0	50	50.5	51	2	100	-	-	2	0	0	0	0.000936258	Reg6	1	-	-	-
Benzidine	SW-846:8270C	ug/L	33	0	0	10	25.8212	52.9	33	100	-	-	33	0	0	0	0.000936258	Reg6	10	-	-	-
Benzo(a)anthracene	SW-846:8270	ug/L	6	0	0	1	1.03333	1.1	6	100	-	-	6	0	0	0	0.2949853	Reg6	2	-	-	-
Benzo(a)anthracene	SW-846:8270C	ug/L	48	0	0	0.92	1.08729	2.08	48	100	-	-	48	0	0	0	0.2949853	Reg6	10	-	-	-
Benzo(a)pyrene	SW-846:8270	ug/L	6	0	0	1	1.03333	1.1	6	100	-	-	6	0	0	0	0.2	MCL	2	-	-	-
Benzo(a)pyrene	SW-846:8270C	ug/L	47	0	0	0.92	1.08915	2.08	47	100	-	-	47	0	0	0	0.2	MCL	10	-	-	-
Benzo(b)fluoranthene	SW-846:8270	ug/L	6	0	0	1	1.03333	1.1	6	100	-	-	6	0	0	0	0.2949853	Reg6	2	-	-	-
Benzo(b)fluoranthene	SW-846:8270C	ug/L	48	0	0	0.92	1.08729	2.08	48	100	-	-	48	0	0	0	0.2949853	Reg6	10	-	-	-
Benzo(g,h,i)perylene	SW-846:8270	ug/L	6	0	0	1	1.03333	1.1	6	100	-	-	0	0	0	0	-	-	2	-	-	-
Benzo(g,h,i)perylene	SW-846:8270C	ug/L	46	0	0	0.92	1.08913	2.08	46	100	-	-	0	0	0	0	-	-	10	-	-	-
Benzo(k)fluoranthene	SW-846:8270	ug/L	6	0	0	1	1.03333	1.1	6	100	-	-	0	0	0	0	2.949853	Reg6	2	-	-	-
Benzo(k)fluoranthene	SW-846:8270C	ug/L	48	0	0	0.92	1.08729	2.08	48	100	-	-	0	0	0	0	2.949853	Reg6	10	-	-	-
Benzoic Acid	SW-846:8270	ug/L	5	0	0	20	20.88	21.7	5	100	-	-	0	0	0	0	146000	Reg6	2	-	-	-
Benzoic Acid	SW-846:8270C	ug/L	44	2	5	8.73	13.165	17.6	42	95	-	-	0	0	0	0	146000	Reg6	10	-	-	-
Benzyl Alcohol	SW-846:8270	ug/L	6	0	0	1.1	8.8	10.9	6	100	-	-	0	0	0	0	10950	Reg6	2	-	-	-
Benzyl Alcohol	SW-846:8270C	ug/L	48	0	0	9.2	10.8854	20.8	48	100	-	-	0	0	0	0	10950	Reg6	10	-	-	-
Bis(2-chloroethoxy)methane	SW-846:8270	ug/L	6	0	0	10	10.4167	10.9	6	100	-	-	0	0	0	0	-	-	2	-	-	-
Bis(2-chloroethoxy)methane	SW-846:8270C	ug/L	45	0	0	9.2	10.8822	20.8	45	100	-	-	0	0	0	0	-	-	10	-	-	-
Bis(2-chloroethyl)ether	SW-846:8270	ug/L	6	0	0	10	10.4167	10.9	6	100	-	-	6	0	0	0	0.602164	Reg6	2	-	-	-
Bis(2-chloroethyl)ether	SW-846:8270C	ug/L	48	0	0	9.2	10.8854	20.8	48	100	-	-	48	0	0	0	0.602164	Reg6	10	-	-	-
Bis(2-ethylhexyl)phthalate	SW-846:8270	ug/L	6	1	17	2.8	2.8	2.8	5	83	-	-	5	0	0	0	6	MCL	2	-	-	-
Bis(2-ethylhexyl)phthalate	SW-846:8270C	ug/L	48	3	6	2.6	8.25333	18.7	45	94	-	-	44	1	2	4	6	MCL	10	1	2	R-7
Bromophenyl-phenylether[4-]	SW-846:8270	ug/L	6	0	0	10	10.4167	10.9	6	100	-	-	0	0	0	0	-	-	2	-	-	-
Bromophenyl-phenylether[4-]	SW-846:8270C	ug/L	48	0	0	9.2	10.8854	20.8	48	100	-	-	0	0	0	0	-	-	10	-	-	-
Butylbenzylphthalate	SW-846:8270	ug/L	6	0	0	10	10.4167	10.9	6	100	-	-	0	0	0	0	7300	Reg6	2	-	-	-
Butylbenzylphthalate	SW-846:8270C	ug/L	48	0	0	9.2	11.1896	24.6	48	100	-	-	0	0	0	0	7300	Reg6	10	-	-	-
Carbazole	SW-846:8270C	ug/L	1	0	0	9.2	9.2	9.2	1	100	-	-	0	0	0	0	33.61577	Reg6	1	-	-	-
Chloro-3-methylphenol[4-]	SW-846:8270	ug/L	6	0	0	10	10.4167	10.9	6	100	-	-	0	0	0	0	-	-	2	-	-	-
Chloro-3-methylphenol[4-]	SW-846:8270C	ug/L	47	0	0	9.2	10.8915	20.8	47	100	-	-	0	0	0	0	-	-	10	-	-	-
Chloroaniline[4-]	SW-846:8270	ug/L	6	0	0	10	10.4167	10.9	6	100	-	-	0	0	0	0	146	Reg6	2	-	-	-
Chloroaniline[4-]	SW-846:8270C	ug/L	48	0	0	9.2	10.8854	20.8	48	100	-	-	0	0	0	0	146	Reg6	10	-	-	-
Chloronaphthalene[2-]	SW-846:8270	ug/L	6	0	0	1	1.03333	1.1	6	100	-	-	0	0	0	0	486.6667	Reg6	2	-	-	-
Chloronaphthalene[2-]	SW-846:8270C	ug/L	48	0	0	0.92	1.08729	2.08	48	100	-	-	0	0	0	0	486.6667	Reg6	10	-	-	-
Chlorophenol[2-]	SW-846:8270	ug/L	6	0	0	10	10.4167	10.9	6	100	-	-	0	0	0	0	30.41667	Reg6	2	-	-	-
Chlorophenol[2-]	SW-846:8270C	ug/L	47	0	0	9.2	10.8915	20.8	47	100	-	-	0	0	0	0	30.41667	Reg6	10	-	-	-
Chlorophenyl-phenyl[4-] Ether	SW-846:8270	ug/L	6	0	0	10	10.4167	10.9	6	100	-	-	0	0	0	0	-	-	2	-	-	-
Chlorophenyl-phenyl[4-] Ether	SW-846:8270C	ug/L	48	0	0	9.2	10.8854	20.8	48	100	-	-	0	0	0	0	-	-	10	-	-	-
Chrysene	SW-846:8270	ug/L	6	0	0	1	1.03333	1.1	6	100	-	-	6	0	0	0	0.2	MCL	2	-	-	-
Chrysene	SW-846:8270C	ug/L	48	0	0	0.92	1.08729	2.08	48	100	-	-	48	0	0	0	0.2	MCL	10	-	-	-
Dibenz(a,h)anthracene	SW-846:8270	ug/L	6	0	0	1	1.03333	1.1	6	100	-	-	6	0	0	0	0.02949853	Reg6	2	-	-	-
Dibenz(a,h)anthracene	SW-846:8270C	ug/L	47	0	0	0.92	1.0883	2.08	47	100	-	-	47	0	0	0	0.02949853	Reg6	10	-	-	-
Dibenzofuran	SW-846:8270	ug/L	6	0	0	10	10.4167	10.9	6	100	-	-	0	0	0	0	12.16667	Reg6	2	-	-	-
Dibenzofuran	SW-846:8270C	ug/L	48	0	0	9.2	10.8854	20.8	48	100	-	-	4	0	0	0	12.16667	Reg6	10	-	-	-
Dichlorobenzene[1,2-]	SW-846:8270	ug/L	6	0	0	10	10.4167	10.9	6	100	-	-	0	0	0	0	600	MCL	2	-	-	-
Dichlorobenzene[1,2-]	SW-846:8270C	ug/L	48	0	0	9.2	10.8854	20.8	48	100	-	-	0	0	0	0	600	MCL	10	-	-	-
Dichlorobenzene[1,3-]	SW-846:8270	ug/L	6	0	0	10	10.4167	10.9	6	100	-	-	0	0	0	0	600	MCL	2	-	-	-
Dichlorobenzene[1,3-]	SW-846:8270C	ug/L	48	0	0	9.2	10.8854	20.8	48	100	-	-	0	0	0	0	600	MCL	10	-	-	-
Dichlorobenzene[1,4-]	SW-846:8270	ug/L	6	0	0	10	10.4167	10.9	6	100	-	-	0	0	0	0	75	MCL	2	-	-	-
Dichlorobenzene[1,4-]	SW-846:8270C	ug/L	48	0	0	9.2	10.8854	20.8	48	100	-	-	0	0	0	0	75	MCL	10	-	-	-
Dichlorobenzidine[3,3'-]	SW-846:8270	ug/L	6	0	0	10	10.4167	10.9	6	100	-	-	6	0	0	0	1.494034	Reg6	2	-	-	-
Dichlorobenzidine[3,3'-]	SW-846:8270C	ug/L	48	0	0	9.2	10.8854	20.8	48	100	-	-	48	0	0	0	1.494034	Reg6	10	-	-	-
Dichlorophenol[2,4-]	SW-846:8270	ug/L	6	0	0	10	10.4167	10.9	6	100	-	-	0	0	0	0	109.5	Reg6	2	-	-	-
Dichlorophenol[2,4-]	SW-846:8270C	ug/L	47	0	0	9.2	10.8915	20.8	47	100	-	-	0	0	0	0	109.5	Reg6	10	-	-	-
Diethylphthalate	SW-846:8270	ug/L	6	1	17	6.2	6.2	6.2	5	83	-	-	0	0	0	0	29200	Reg6	2	-	-	-

Table B-1
Screening Table for Los Alamos Canyon Watershed (including Pueblo Canyon)

Analyte	Method	Units	No. of Analyses	No. of Detects	D Rate %	Min	Mean	Max	No. of Non-detects	ND Rate %	BV	D> BV	ND> Std	D> Std	D> Std/2	D>Std/2 Rate %	Level	Std Type	Locations with Data (number)	D>Std (number of locations)	D>Std/2 (number of locations)	D>Std Stations
Diethylphthalate	SW-846:8270C	ug/L	48	0	0	9.2	10.8854	20.8	48	100	-	-	0	0	0	0	29200	Reg6	10	-	-	-
Dimethyl Phthalate	SW-846:8270	ug/L	6	0	0	10	10.4167	10.9	6	100	-	-	0	0	0	0	365000	Reg6	2	-	-	-
Dimethyl Phthalate	SW-846:8270C	ug/L	48	0	0	9.2	10.8854	20.8	48	100	-	-	0	0	0	0	365000	Reg6	10	-	-	-
Dimethylphenol[2,4-]	SW-846:8270	ug/L	6	0	0	10	10.4167	10.9	6	100	-	-	0	0	0	0	730	Reg6	2	-	-	-
Dimethylphenol[2,4-]	SW-846:8270C	ug/L	47	0	0	9.2	10.8915	20.8	47	100	-	-	0	0	0	0	730	Reg6	10	-	-	-
Di-n-butylphthalate	SW-846:8270	ug/L	6	0	0	10	10.4167	10.9	6	100	-	-	0	0	0	0	3650	Reg6	2	-	-	-
Di-n-butylphthalate	SW-846:8270C	ug/L	48	0	0	9.2	10.8854	20.8	48	100	-	-	0	0	0	0	3650	Reg6	10	-	-	-
Dinitro-2-methylphenol[4,6-]	SW-846:8270	ug/L	6	0	0	10	10.4167	10.9	6	100	-	-	0	0	0	0	-	-	2	-	-	-
Dinitro-2-methylphenol[4,6-]	SW-846:8270C	ug/L	48	0	0	5.89	10.7873	20.8	48	100	-	-	0	0	0	0	-	-	10	-	-	-
Dinitrophenol[2,4-]	SW-846:8270	ug/L	6	0	0	20	20.8	21.7	6	100	-	-	0	0	0	0	73	Reg6	2	-	-	-
Dinitrophenol[2,4-]	SW-846:8270C	ug/L	47	0	0	18.5	21.7979	41.7	47	100	-	-	0	0	0	0	73	Reg6	10	-	-	-
Dinitrotoluene[2,4-]	SW-846:8270	ug/L	6	0	0	10	10.4167	10.9	6	100	-	-	0	0	0	0	73	Reg6	2	-	-	-
Dinitrotoluene[2,4-]	SW-846:8270C	ug/L	48	0	0	9.2	10.8854	20.8	48	100	-	-	0	0	0	0	73	Reg6	10	-	-	-
Dinitrotoluene[2,6-]	SW-846:8270	ug/L	6	0	0	10	10.4167	10.9	6	100	-	-	0	0	0	0	36.5	Reg6	2	-	-	-
Dinitrotoluene[2,6-]	SW-846:8270C	ug/L	48	0	0	9.2	10.8854	20.8	48	100	-	-	0	0	0	0	36.5	Reg6	10	-	-	-
Di-n-octylphthalate	SW-846:8270	ug/L	6	0	0	10	10.4167	10.9	6	100	-	-	0	0	0	0	-	-	2	-	-	-
Di-n-octylphthalate	SW-846:8270C	ug/L	48	0	0	9.2	10.8854	20.8	48	100	-	-	0	0	0	0	-	-	10	-	-	-
Dinoseb	SW-846:8270C	ug/L	43	0	0	8.89	10.9486	20.8	43	100	-	-	0	0	0	0	-	-	9	-	-	-
Dioxane[1,4-]	SW-846:8270C	ug/L	40	3	8	1.13	2.62	4.07	37	93	-	-	0	0	0	0	61.11958	Reg6	9	-	-	-
Diphenylamine	SW-846:8270	ug/L	6	0	0	10	10.4167	10.9	6	100	-	-	0	0	0	0	912.5	Reg6	2	-	-	-
Diphenylamine	SW-846:8270C	ug/L	47	0	0	9.2	10.9043	20.8	47	100	-	-	0	0	0	0	912.5	Reg6	10	-	-	-
Diphenylhydrazine[1,2-]	SW-846:8270C	ug/L	1	0	0	10.4	10.4	10.4	1	100	-	-	1	0	0	0	0.8403942	Reg6	1	-	-	-
Fluoranthene	SW-846:8270	ug/L	6	0	0	1	1.03333	1.1	6	100	-	-	0	0	0	0	1460	Reg6	2	-	-	-
Fluoranthene	SW-846:8270C	ug/L	48	0	0	0.92	1.08729	2.08	48	100	-	-	0	0	0	0	1460	Reg6	10	-	-	-
Fluorene	SW-846:8270	ug/L	6	0	0	1	1.03333	1.1	6	100	-	-	0	0	0	0	243.3333	Reg6	2	-	-	-
Fluorene	SW-846:8270C	ug/L	48	0	0	0.92	1.08729	2.08	48	100	-	-	0	0	0	0	243.3333	Reg6	10	-	-	-
Hexachlorobenzene	SW-846:8270	ug/L	6	0	0	10	10.4167	10.9	6	100	-	-	6	0	0	0	1	MCL	2	-	-	-
Hexachlorobenzene	SW-846:8270C	ug/L	48	0	0	9.2	10.8854	20.8	48	100	-	-	48	0	0	0	1	MCL	10	-	-	-
Hexachlorobutadiene	SW-846:8270	ug/L	6	0	0	10	10.4167	10.9	6	100	-	-	6	0	0	0	8.619427	Reg6	2	-	-	-
Hexachlorobutadiene	SW-846:8270C	ug/L	48	0	0	9.2	10.8854	20.8	48	100	-	-	48	0	0	0	8.619427	Reg6	10	-	-	-
Hexachlorocyclopentadiene	SW-846:8270	ug/L	6	0	0	10	10.4167	10.9	6	100	-	-	0	0	0	0	50	MCL	2	-	-	-
Hexachlorocyclopentadiene	SW-846:8270C	ug/L	48	0	0	9.2	10.8854	20.8	48	100	-	-	0	0	0	0	50	MCL	10	-	-	-
Hexachloroethane	SW-846:8270	ug/L	6	0	0	10	10.4167	10.9	6	100	-	-	0	0	0	0	48.02252	Reg6	2	-	-	-
Hexachloroethane	SW-846:8270C	ug/L	48	0	0	9.2	10.8854	20.8	48	100	-	-	0	0	0	0	48.02252	Reg6	10	-	-	-
Indeno(1,2,3-cd)pyrene	SW-846:8270	ug/L	6	0	0	1	1.03333	1.1	6	100	-	-	6	0	0	0	0.2949853	Reg6	2	-	-	-
Indeno(1,2,3-cd)pyrene	SW-846:8270C	ug/L	47	0	0	0.92	1.0883	2.08	47	100	-	-	47	0	0	0	0.2949853	Reg6	10	-	-	-
Isophorone	SW-846:8270	ug/L	6	0	0	10	10.4167	10.9	6	100	-	-	0	0	0	0	707.7004	Reg6	2	-	-	-
Isophorone	SW-846:8270C	ug/L	48	0	0	9.2	10.8854	20.8	48	100	-	-	0	0	0	0	707.7004	Reg6	10	-	-	-
Methylnaphthalene[1-]	SW-846:8270C	ug/L	43	0	0	1	1.09884	2.08	43	100	-	-	0	0	0	0	-	-	9	-	-	-
Methylnaphthalene[2-]	SW-846:8270	ug/L	6	0	0	1	1.03333	1.1	6	100	-	-	0	0	0	0	-	-	2	-	-	-
Methylnaphthalene[2-]	SW-846:8270C	ug/L	45	0	0	0.92	1.09178	2.08	45	100	-	-	0	0	0	0	-	-	10	-	-	-
Methylphenol[2-]	SW-846:8270	ug/L	6	0	0	10	10.4167	10.9	6	100	-	-	0	0	0	0	1825	Reg6	2	-	-	-
Methylphenol[2-]	SW-846:8270C	ug/L	47	2	4	5.03	5.305	5.58	45	96	-	-	0	0	0	0	1825	Reg6	10	-	-	-
Methylphenol[3-,4-]	SW-846:8270C	ug/L	44	0	0	10	10.9614	20.8	44	100	-	-	0	0	0	0	-	-	9	-	-	-
Methylphenol[4-]	SW-846:8270	ug/L	6	0	0	10	10.4167	10.9	6	100	-	-	0	0	0	0	182.5	Reg6	2	-	-	-
Methylphenol[4-]	SW-846:8270C	ug/L	3	0	0	9.2	9.86667	10.4	3	100	-	-	0	0	0	0	182.5	Reg6	2	-	-	-
Methylpyridine[2-]	SW-846:8270	ug/L	2	0	0	10	10.1	10.2	2	100	-	-	0	0	0	0	-	-	1	-	-	-
Methylpyridine[2-]	SW-846:8270C	ug/L	1	0	0	10.4	10.4	10.4	1	100	-	-	0	0	0	0	-	-	1	-	-	-
Naphthalene	SW-846:8270	ug/L	6	0	0	1	1.03333	1.1	6	100	-	-	0	0	0	0	30	NMGSU	2	-	-	-
Naphthalene	SW-846:8270C	ug/L	44	1	2	0.343	0.343	0.343	43	98	-	-	0	0	0	0	30	NMGSU	10	-	-	-
Nitroaniline[2-]	SW-846:8270	ug/L	6	0	0	10	10.4167	10.9	6	100	-	-	0	0	0	0	109.5	Reg6	2	-	-	-
Nitroaniline[2-]	SW-846:8270C	ug/L	48	0	0	9.2	10.8854	20.8	48	100	-	-	0	0	0	0	109.5	Reg6	10	-	-	-
Nitroaniline[3-]	SW-846:8270	ug/L	6	0	0	10	10.4167	10.9	6	100	-	-	0	0	0	0	-	-	2	-	-	-
Nitroaniline[3-]	SW-846:8270C	ug/L	48	0	0	9.2	10.8854	20.8	48	100	-	-	0	0	0	0	-	-	10	-	-	-
Nitroaniline[4-]	SW-846:8270	ug/L	6	0	0	10	10.4167	10.9	6	100	-	-	0	0	0	0	-	-	2	-	-	-
Nitroaniline[4-]	SW-846:8270C	ug/L	48	0	0	9.2	10.8854	20.8	48	100	-	-	0	0	0	0	-	-	10	-	-	-
Nitrobenzene	SW-846:8270	ug/L	6	0	0	10	10.4167	10.9	6	100	-	-	6	0	0	0	3.395349	Reg6	2	-	-	-
Nitrobenzene	SW-846:8270C	ug/L	48	0	0	9.2	10.8854	20.8	48	100	-	-	48	0	0	0	3.395349	Reg6	10	-	-	-
Nitrophenol[2-]	SW-846:8270	ug/L	6	0	0	10	10.4167	10.9	6	100	-	-	0	0	0	0	-	-	2	-	-	-
Nitrophenol[2-]	SW-846:8270C	ug/L	44	0	0	9.2	10.9227	20.8	44	100	-	-	0	0	0	0	-	-	10	-	-	-

Table B-1
Screening Table for Los Alamos Canyon Watershed (including Pueblo Canyon)

Analyte	Method	Units	No. of Analyses	No. of Detects	D Rate %	Min	Mean	Max	No. of Non-detects	ND Rate %	BV	D> BV	ND> Std	D> Std	D> Std/2	D>Std/2 Rate %	Level	Std Type	Locations with Data (number)	D>Std (number of locations)	D>Std/2 (number of locations)	D>Std Stations
Nitrophenol[4-]	SW-846:8270	ug/L	6	0	0	10	10.4167	10.9	6	100	-	-	0	0	0	0	292	Reg6	2	-	-	-
Nitrophenol[4-]	SW-846:8270C	ug/L	47	0	0	9.2	10.8915	20.8	47	100	-	-	0	0	0	0	292	Reg6	10	-	-	-
Nitrosodiethylamine[N-]	SW-846:8270C	ug/L	43	0	0	10	10.9884	20.8	43	100	-	-	43	0	0	0	0.001435595	Reg6	9	-	-	-
Nitrosodimethylamine[N-]	SW-846:8270	ug/L	6	0	0	10	10.4167	10.9	6	100	-	-	6	0	0	0	0.004222338	Reg6	2	-	-	-
Nitrosodimethylamine[N-]	SW-846:8270C	ug/L	44	0	0	10	11.2909	24.5	44	100	-	-	44	0	0	0	0.004222338	Reg6	10	-	-	-
Nitroso-di-n-butylamine[N-]	SW-846:8270C	ug/L	43	0	0	10	10.9884	20.8	43	100	-	-	43	0	0	0	0.1226854	Reg6	9	-	-	-
Nitroso-di-n-propylamine[N-]	SW-846:8270	ug/L	6	0	0	10	10.4167	10.9	6	100	-	-	6	0	0	0	0.09604505	Reg6	2	-	-	-
Nitroso-di-n-propylamine[N-]	SW-846:8270C	ug/L	48	0	0	9.2	10.8854	20.8	48	100	-	-	48	0	0	0	0.09604505	Reg6	10	-	-	-
Nitrosodiphenylamine[N-]	SW-846:8270C	ug/L	1	0	0	10	10	10	1	100	-	-	0	0	0	0	137.2072	Reg6	1	-	-	-
Nitrosopyrrolidine[N-]	SW-846:8270C	ug/L	43	0	0	10	10.9884	20.8	43	100	-	-	43	0	0	0	0.3201502	Reg6	9	-	-	-
Oxybis(1-chloropropane)[2,2'-]	SW-846:8270	ug/L	6	0	0	10	10.4167	10.9	6	100	-	-	6	0	0	0	9.536393	Reg6	2	-	-	-
Oxybis(1-chloropropane)[2,2'-]	SW-846:8270C	ug/L	47	0	0	9.2	10.8574	20.8	47	100	-	-	46	0	0	0	9.536393	Reg6	10	-	-	-
Pentachlorobenzene	SW-846:8270C	ug/L	43	0	0	10	10.9884	20.8	43	100	-	-	0	0	0	0	29.2	Reg6	9	-	-	-
Pentachlorophenol	SW-846:8270	ug/L	6	0	0	10	10.4167	10.9	6	100	-	-	6	0	0	0	1	MCL	2	-	-	-
Pentachlorophenol	SW-846:8270C	ug/L	47	0	0	9.2	10.8915	20.8	47	100	-	-	47	0	0	0	1	MCL	10	-	-	-
Phenanthrene	SW-846:8270	ug/L	6	0	0	1	1.03333	1.1	6	100	-	-	0	0	0	0	-	-	2	-	-	-
Phenanthrene	SW-846:8270C	ug/L	35	0	0	0.92	1.098	2.08	35	100	-	-	0	0	0	0	-	-	9	-	-	-
Phenol	SW-846:8270	ug/L	6	0	0	10	10.4167	10.9	6	100	-	-	6	0	0	0	5	NMGSU	2	-	-	-
Phenol	SW-846:8270C	ug/L	47	0	0	9.2	10.8915	20.8	47	100	-	-	47	0	0	0	5	NMGSU	10	-	-	-
Pyrene	SW-846:8270	ug/L	6	0	0	1	1.03333	1.1	6	100	-	-	0	0	0	0	182.5	Reg6	2	-	-	-
Pyrene	SW-846:8270C	ug/L	48	0	0	0.92	1.08729	2.08	48	100	-	-	0	0	0	0	182.5	Reg6	10	-	-	-
Pyridine	SW-846:8270	ug/L	2	0	0	10	10.1	10.2	2	100	-	-	0	0	0	0	36.5	Reg6	1	-	-	-
Pyridine	SW-846:8270C	ug/L	10	0	0	10	11.38	20	10	100	-	-	0	0	0	0	36.5	Reg6	9	-	-	-
Tetrachlorobenzene[1,2,4,5]	SW-846:8270C	ug/L	42	0	0	10	11.0071	20.8	42	100	-	-	42	0	0	0	0.00003	MCL	9	-	-	-
Tetrachlorophenol[2,3,4,6-]	SW-846:8270C	ug/L	43	0	0	4.43	10.8449	20.8	43	100	-	-	42	0	0	0	5	MCL	9	-	-	-
Trichlorobenzene[1,2,4-]	SW-846:8270	ug/L	6	0	0	10	10.4167	10.9	6	100	-	-	0	0	0	0	70	MCL	2	-	-	-
Trichlorobenzene[1,2,4-]	SW-846:8270C	ug/L	48	0	0	9.2	10.8854	20.8	48	100	-	-	0	0	0	0	70	MCL	10	-	-	-
Trichlorophenol[2,4,5-]	SW-846:8270	ug/L	6	0	0	10	10.4167	10.9	6	100	-	-	0	0	0	0	3650	Reg6	2	-	-	-
Trichlorophenol[2,4,5-]	SW-846:8270C	ug/L	47	0	0	9.2	10.8915	20.8	47	100	-	-	0	0	0	0	3650	Reg6	10	-	-	-
Trichlorophenol[2,4,6-]	SW-846:8270	ug/L	6	0	0	10	10.4167	10.9	6	100	-	-	0	0	0	0	61.11958	Reg6	2	-	-	-
Trichlorophenol[2,4,6-]	SW-846:8270C	ug/L	47	0	0	9.2	10.8915	20.8	47	100	-	-	0	0	0	0	61.11958	Reg6	10	-	-	-
LA, SVOA, UF, Regional																						
Acenaphthene	SW-846:8270	ug/L	18	0	0	1	1.05	1.2	18	100	-	-	0	0	0	0	365	Reg6	3	-	-	-
Acenaphthene	SW-846:8270C	ug/L	46	0	0	1	1.10348	2.08	46	100	-	-	0	0	0	0	365	Reg6	8	-	-	-
Acenaphthylene	SW-846:8270	ug/L	18	0	0	1	1.05	1.2	18	100	-	-	0	0	0	0	-	-	3	-	-	-
Acenaphthylene	SW-846:8270C	ug/L	46	0	0	1	1.10348	2.08	46	100	-	-	0	0	0	0	-	-	8	-	-	-
Aniline	SW-846:8270	ug/L	18	0	0	10	10.5833	12	18	100	-	-	0	0	0	0	117.9501	Reg6	3	-	-	-
Aniline	SW-846:8270C	ug/L	45	0	0	10	11.0756	20.8	45	100	-	-	0	0	0	0	117.9501	Reg6	8	-	-	-
Anthracene	SW-846:8270	ug/L	18	0	0	1	1.05	1.2	18	100	-	-	0	0	0	0	1825	Reg6	3	-	-	-
Anthracene	SW-846:8270C	ug/L	45	1	2	0.236	0.236	0.236	44	98	-	-	0	0	0	0	1825	Reg6	8	-	-	-
Atrazine	SW-846:8270C	ug/L	36	0	0	10	11.2	20.8	36	100	-	-	36	0	0	0	3	MCL	7	-	-	-
Azobenzene	SW-846:8270	ug/L	17	0	0	10	10.5882	12	17	100	-	-	17	0	0	0	6.111958	Reg6	3	-	-	-
Azobenzene	SW-846:8270C	ug/L	46	0	0	1	10.8587	20.8	46	100	-	-	45	0	0	0	6.111958	Reg6	8	-	-	-
Benzidine	SW-846:8270	ug/L	2	0	0	52.6	52.6	52.6	2	100	-	-	2	0	0	0	0.000936258	Reg6	1	-	-	-
Benzidine	SW-846:8270C	ug/L	24	0	0	10.4	33.7875	104	24	100	-	-	24	0	0	0	0.000936258	Reg6	7	-	-	-
Benzo(a)anthracene	SW-846:8270	ug/L	18	0	0	1	1.05	1.2	18	100	-	-	18	0	0	0	0.2949853	Reg6	3	-	-	-
Benzo(a)anthracene	SW-846:8270C	ug/L	46	0	0	1	1.10348	2.08	46	100	-	-	46	0	0	0	0.2949853	Reg6	8	-	-	-
Benzo(a)pyrene	SW-846:8270	ug/L	18	0	0	1	1.05	1.2	18	100	-	-	18	0	0	0	0.2	MCL	3	-	-	-
Benzo(a)pyrene	SW-846:8270C	ug/L	46	1	2	1.1	1.1	1.1	45	98	-	-	45	1	1	2	0.2	MCL	8	1	1	R-2
Benzo(b)fluoranthene	SW-846:8270	ug/L	18	0	0	1	1.05	1.2	18	100	-	-	18	0	0	0	0.2949853	Reg6	3	-	-	-
Benzo(b)fluoranthene	SW-846:8270C	ug/L	46	0	0	1	1.10348	2.08	46	100	-	-	46	0	0	0	0.2949853	Reg6	8	-	-	-
Benzo(g,h,i)perylene	SW-846:8270	ug/L	18	0	0	1	1.05	1.2	18	100	-	-	0	0	0	0	-	-	3	-	-	-
Benzo(g,h,i)perylene	SW-846:8270C	ug/L	44	1	2	3.43	3.43	3.43	43	98	-	-	0	0	0	0	-	-	8	-	-	-
Benzo(k)fluoranthene	SW-846:8270	ug/L	18	0	0	1	1.05	1.2	18	100	-	-	0	0	0	0	2.949853	Reg6	3	-	-	-
Benzo(k)fluoranthene	SW-846:8270C	ug/L	44	1	2	0.235	0.235	0.235	43	98	-	-	0	0	0	0	2.949853	Reg6	8	-	-	-
Benzoic Acid	SW-846:8270	ug/L	12	0	0	20	21.3167	24.1	12	100	-	-	0	0	0	0	146000	Reg6	3	-	-	-
Benzoic Acid	SW-846:8270C	ug/L	44	0	0	20	22.1068	41.7	44	100	-	-	0	0	0	0	146000	Reg6	8	-	-	-
Benzyl Alcohol	SW-846:8270	ug/L	18	0	0	10	10.5833	12	18	100	-	-	0	0	0	0	10950	Reg6	3	-	-	-
Benzyl Alcohol	SW-846:8270C	ug/L	46	0	0	10	11.0652	20.8	46	100	-	-	0	0	0	0	10950	Reg6	8	-	-	-
Bis(2-chloroethoxy)methane	SW-846:8270	ug/L	18	0	0	10	10.5833	12	18	100	-	-	0	0	0	0	-	-	3	-	-	-

Table B-1
Screening Table for Los Alamos Canyon Watershed (including Pueblo Canyon)

Analyte	Method	Units	No. of Analyses	No. of Detects	D Rate %	Min	Mean	Max	No. of Non-detects	ND Rate %	BV	D> BV	ND> Std	D> Std	D> Std/2	D>Std/2 Rate %	Level	Std Type	Locations with Data (number)	D>Std (number of locations)	D>Std/2 (number of locations)	D>Std Stations
Bis(2-chloroethoxy)methane	SW-846:8270C	ug/L	46	0	0	*10*	*11.0652*	*20.8*	46	100	-	-	0	0	0	0	-	-	8	-	-	-
Bis(2-chloroethyl)ether	SW-846:8270	ug/L	18	0	0	*10*	*10.5833*	*12*	18	100	-	-	18	0	0	0	0.602164	Reg6	3	-	-	-
Bis(2-chloroethyl)ether	SW-846:8270C	ug/L	46	0	0	*10*	*11.0652*	*20.8*	46	100	-	-	46	0	0	0	0.602164	Reg6	8	-	-	-
Bis(2-ethylhexyl)phthalate	SW-846:8270	ug/L	18	0	0	*1.9*	*10.1056*	*12*	18	100	-	-	17	0	0	0	6	MCL	3	-	-	-
Bis(2-ethylhexyl)phthalate	SW-846:8270C	ug/L	46	2	4	2.14	2.67	3.2	44	96	-	-	43	0	1	2	6	MCL	8	-	1	-
Bromophenyl-phenylether[4-]	SW-846:8270	ug/L	18	0	0	*10*	*10.5833*	*12*	18	100	-	-	0	0	0	0	-	-	3	-	-	-
Bromophenyl-phenylether[4-]	SW-846:8270C	ug/L	46	0	0	*10*	*11.0652*	*20.8*	46	100	-	-	0	0	0	0	-	-	8	-	-	-
Butylbenzylphthalate	SW-846:8270	ug/L	18	0	0	*10*	*10.5833*	*12*	18	100	-	-	0	0	0	0	7300	Reg6	3	-	-	-
Butylbenzylphthalate	SW-846:8270C	ug/L	46	0	0	*10*	*11.0652*	*20.8*	46	100	-	-	0	0	0	0	7300	Reg6	8	-	-	-
Chloro-3-methylphenol[4-]	SW-846:8270	ug/L	16	0	0	*10*	*10.6563*	*12*	16	100	-	-	0	0	0	0	-	-	3	-	-	-
Chloro-3-methylphenol[4-]	SW-846:8270C	ug/L	45	0	0	*10*	*11.0778*	*20.8*	45	100	-	-	0	0	0	0	-	-	8	-	-	-
Chloroaniline[4-]	SW-846:8270	ug/L	18	0	0	*10*	*10.5833*	*12*	18	100	-	-	0	0	0	0	146	Reg6	3	-	-	-
Chloroaniline[4-]	SW-846:8270C	ug/L	46	0	0	*10*	*11.0652*	*20.8*	46	100	-	-	0	0	0	0	146	Reg6	8	-	-	-
Chloronaphthalene[2-]	SW-846:8270	ug/L	18	0	0	*1*	*1.05*	*1.2*	18	100	-	-	0	0	0	0	486.6667	Reg6	3	-	-	-
Chloronaphthalene[2-]	SW-846:8270C	ug/L	46	0	0	*1*	*1.10348*	*2.08*	46	100	-	-	0	0	0	0	486.6667	Reg6	8	-	-	-
Chlorophenol[2-]	SW-846:8270	ug/L	16	0	0	*10*	*10.6563*	*12*	16	100	-	-	0	0	0	0	30.41667	Reg6	3	-	-	-
Chlorophenol[2-]	SW-846:8270C	ug/L	45	0	0	*10*	*11.0778*	*20.8*	45	100	-	-	0	0	0	0	30.41667	Reg6	8	-	-	-
Chlorophenyl-phenyl[4-] Ether	SW-846:8270	ug/L	18	0	0	*10*	*10.5833*	*12*	18	100	-	-	0	0	0	0	-	-	3	-	-	-
Chlorophenyl-phenyl[4-] Ether	SW-846:8270C	ug/L	46	0	0	*10*	*11.0652*	*20.8*	46	100	-	-	0	0	0	0	-	-	8	-	-	-
Chrysene	SW-846:8270	ug/L	18	0	0	*1*	*1.05*	*1.2*	18	100	-	-	18	0	0	0	0.2	MCL	3	-	-	-
Chrysene	SW-846:8270C	ug/L	46	0	0	*1*	*1.10348*	*2.08*	46	100	-	-	46	0	0	0	0.2	MCL	8	-	-	-
Dibenz(a,h)anthracene	SW-846:8270	ug/L	18	0	0	*1*	*1.05*	*1.2*	18	100	-	-	18	0	0	0	0.02949853	Reg6	3	-	-	-
Dibenz(a,h)anthracene	SW-846:8270C	ug/L	46	0	0	*1*	*1.10348*	*2.08*	46	100	-	-	46	0	0	0	0.02949853	Reg6	8	-	-	-
Dibenzofuran	SW-846:8270	ug/L	18	0	0	*10*	*10.5833*	*12*	18	100	-	-	0	0	0	0	12.16667	Reg6	3	-	-	-
Dibenzofuran	SW-846:8270C	ug/L	46	0	0	*10*	*11.0652*	*20.8*	46	100	-	-	3	0	0	0	12.16667	Reg6	8	-	-	-
Dichlorobenzene[1,2-]	SW-846:8270	ug/L	18	0	0	*10*	*10.5833*	*12*	18	100	-	-	0	0	0	0	600	MCL	3	-	-	-
Dichlorobenzene[1,2-]	SW-846:8270C	ug/L	46	0	0	*10*	*11.0652*	*20.8*	46	100	-	-	0	0	0	0	600	MCL	8	-	-	-
Dichlorobenzene[1,3-]	SW-846:8270	ug/L	18	0	0	*10*	*10.5833*	*12*	18	100	-	-	0	0	0	0	600	MCL	3	-	-	-
Dichlorobenzene[1,3-]	SW-846:8270C	ug/L	46	0	0	*10*	*11.0652*	*20.8*	46	100	-	-	0	0	0	0	600	MCL	8	-	-	-
Dichlorobenzene[1,4-]	SW-846:8270	ug/L	18	0	0	*10*	*10.5833*	*12*	18	100	-	-	0	0	0	0	75	MCL	3	-	-	-
Dichlorobenzene[1,4-]	SW-846:8270C	ug/L	46	0	0	*10*	*11.0652*	*20.8*	46	100	-	-	0	0	0	0	75	MCL	8	-	-	-
Dichlorobenzidine[3,3'-]	SW-846:8270	ug/L	18	0	0	*10*	*10.5833*	*12*	18	100	-	-	18	0	0	0	1.494034	Reg6	3	-	-	-
Dichlorobenzidine[3,3'-]	SW-846:8270C	ug/L	46	0	0	*10*	*11.0652*	*20.8*	46	100	-	-	46	0	0	0	1.494034	Reg6	8	-	-	-
Dichlorophenol[2,4-]	SW-846:8270	ug/L	16	0	0	*10*	*10.6563*	*12*	16	100	-	-	0	0	0	0	109.5	Reg6	3	-	-	-
Dichlorophenol[2,4-]	SW-846:8270C	ug/L	45	0	0	*10*	*11.0778*	*20.8*	45	100	-	-	0	0	0	0	109.5	Reg6	8	-	-	-
Diethylphthalate	SW-846:8270	ug/L	18	0	0	*10*	*10.5833*	*12*	18	100	-	-	0	0	0	0	29200	Reg6	3	-	-	-
Diethylphthalate	SW-846:8270C	ug/L	46	0	0	*10*	*11.0652*	*20.8*	46	100	-	-	0	0	0	0	29200	Reg6	8	-	-	-
Dimethyl Phthalate	SW-846:8270	ug/L	18	0	0	*10*	*10.5833*	*12*	18	100	-	-	0	0	0	0	365000	Reg6	3	-	-	-
Dimethyl Phthalate	SW-846:8270C	ug/L	46	0	0	*10*	*11.0652*	*20.8*	46	100	-	-	0	0	0	0	365000	Reg6	8	-	-	-
Dimethylphenol[2,4-]	SW-846:8270	ug/L	18	0	0	*10*	*10.5833*	*12*	18	100	-	-	0	0	0	0	730	Reg6	3	-	-	-
Dimethylphenol[2,4-]	SW-846:8270C	ug/L	43	0	0	*10*	*10.8721*	*20*	43	100	-	-	0	0	0	0	730	Reg6	8	-	-	-
Di-n-butylphthalate	SW-846:8270	ug/L	18	0	0	*10*	*10.5833*	*12*	18	100	-	-	0	0	0	0	3650	Reg6	3	-	-	-
Di-n-butylphthalate	SW-846:8270C	ug/L	44	0	0	*10*	*10.8636*	*20*	44	100	-	-	0	0	0	0	3650	Reg6	8	-	-	-
Dinitro-2-methylphenol[4,6-]	SW-846:8270	ug/L	16	0	0	*10*	*10.6563*	*12*	16	100	-	-	0	0	0	0	-	-	3	-	-	-
Dinitro-2-methylphenol[4,6-]	SW-846:8270C	ug/L	45	0	0	*5.98*	*10.9684*	*20.8*	45	100	-	-	0	0	0	0	-	-	8	-	-	-
Dinitrophenol[2,4-]	SW-846:8270	ug/L	16	0	0	*20*	*21.35*	*24.1*	16	100	-	-	0	0	0	0	73	Reg6	3	-	-	-
Dinitrophenol[2,4-]	SW-846:8270C	ug/L	45	0	0	*20*	*22.1578*	*41.7*	45	100	-	-	0	0	0	0	73	Reg6	8	-	-	-
Dinitrotoluene[2,4-]	SW-846:8270	ug/L	18	0	0	*10*	*10.5833*	*12*	18	100	-	-	0	0	0	0	73	Reg6	3	-	-	-
Dinitrotoluene[2,4-]	SW-846:8270C	ug/L	46	0	0	*10*	*11.0652*	*20.8*	46	100	-	-	0	0	0	0	73	Reg6	8	-	-	-
Dinitrotoluene[2,6-]	SW-846:8270	ug/L	18	0	0	*10*	*10.5833*	*12*	18	100	-	-	0	0	0	0	36.5	Reg6	3	-	-	-
Dinitrotoluene[2,6-]	SW-846:8270C	ug/L	46	0	0	*10*	*11.0652*	*20.8*	46	100	-	-	0	0	0	0	36.5	Reg6	8	-	-	-
Di-n-octylphthalate	SW-846:8270	ug/L	18	0	0	*10*	*10.5833*	*12*	18	100	-	-	0	0	0	0	-	-	3	-	-	-
Di-n-octylphthalate	SW-846:8270C	ug/L	46	0	0	*10*	*11.0652*	*20.8*	46	100	-	-	0	0	0	0	-	-	8	-	-	-
Dinoseb	SW-846:8270C	ug/L	35	0	0	*9.16*	*11.1703*	*20.8*	35	100	-	-	0	0	0	0	-	-	7	-	-	-
Dioxane[1,4-]	SW-846:8270C	ug/L	30	0	0	*2.68*	*10.4627*	*12.2*	30	100	-	-	0	0	0	0	61.11958	Reg6	7	-	-	-
Diphenylamine	SW-846:8270	ug/L	18	0	0	*10*	*10.5833*	*12*	18	100	-	-	0	0	0	0	912.5	Reg6	3	-	-	-
Diphenylamine	SW-846:8270C	ug/L	45	0	0	*10*	*11.0778*	*20.8*	45	100	-	-	0	0	0	0	912.5	Reg6	7	-	-	-
Diphenylhydrazine[1,2-]	SW-846:8270	ug/L	1	0	0	*10.5*	*10.5*	*10.5*	1	100	-	-	1	0	0	0	0.8403942	Reg6	1	-	-	-
Fluoranthene	SW-846:8270	ug/L	18	0	0	*1*	*1.05*	*1.2*	18	100	-	-	0	0	0	0	1460	Reg6	3	-	-	-
Fluoranthene	SW-846:8270C	ug/L	46	1	2	0.295	0.295	0.295	45	98	-	-	0	0	0	0	1460	Reg6	8	-	-	-

Table B-1
Screening Table for Los Alamos Canyon Watershed (including Pueblo Canyon)

Analyte	Method	Units	No. of Analyses	No. of Detects	D Rate %	Min	Mean	Max	No. of Non-detects	ND Rate %	BV	D> BV	ND> Std	D> Std	D> Std/2	D>Std/2 Rate %	Level	Std Type	Locations with Data (number)	D>Std (number of locations)	D>Std/2 (number of locations)	D>Std Stations
Fluorene	SW-846:8270	ug/L	18	0	0	*1*	*1.05*	*1.2*	18	100	-	-	0	0	0	0	243.3333	Reg6	3	-	-	-
Fluorene	SW-846:8270C	ug/L	45	0	0	*1*	*1.08356*	*2.08*	45	100	-	-	0	0	0	0	243.3333	Reg6	8	-	-	-
Hexachlorobenzene	SW-846:8270	ug/L	18	0	0	*10*	*10.5833*	*12*	18	100	-	-	18	0	0	0	1	MCL	3	-	-	-
Hexachlorobenzene	SW-846:8270C	ug/L	46	0	0	*10*	*11.0652*	*20.8*	46	100	-	-	46	0	0	0	1	MCL	8	-	-	-
Hexachlorobutadiene	SW-846:8270	ug/L	18	0	0	*10*	*10.5833*	*12*	18	100	-	-	18	0	0	0	8.619427	Reg6	3	-	-	-
Hexachlorobutadiene	SW-846:8270C	ug/L	46	0	0	*10*	*11.0652*	*20.8*	46	100	-	-	46	0	0	0	8.619427	Reg6	8	-	-	-
Hexachlorocyclopentadiene	SW-846:8270	ug/L	18	0	0	*10*	*10.5833*	*12*	18	100	-	-	0	0	0	0	50	MCL	3	-	-	-
Hexachlorocyclopentadiene	SW-846:8270C	ug/L	46	0	0	*10*	*11.0652*	*20.8*	46	100	-	-	0	0	0	0	50	MCL	8	-	-	-
Hexachloroethane	SW-846:8270	ug/L	18	0	0	*10*	*10.5833*	*12*	18	100	-	-	0	0	0	0	48.02252	Reg6	3	-	-	-
Hexachloroethane	SW-846:8270C	ug/L	46	0	0	*10*	*11.0652*	*20.8*	46	100	-	-	0	0	0	0	48.02252	Reg6	8	-	-	-
Indeno(1,2,3-cd)pyrene	SW-846:8270	ug/L	18	0	0	*1*	*1.05*	*1.2*	18	100	-	-	18	0	0	0	0.2949853	Reg6	3	-	-	-
Indeno(1,2,3-cd)pyrene	SW-846:8270C	ug/L	45	0	0	*1*	*1.10489*	*2.08*	45	100	-	-	45	0	0	0	0.2949853	Reg6	8	-	-	-
Isophorone	SW-846:8270	ug/L	18	0	0	*10*	*10.5833*	*12*	18	100	-	-	0	0	0	0	707.7004	Reg6	3	-	-	-
Isophorone	SW-846:8270C	ug/L	46	0	0	*10*	*11.0652*	*20.8*	46	100	-	-	0	0	0	0	707.7004	Reg6	8	-	-	-
Methylnaphthalene[1-]	SW-846:8270C	ug/L	36	1	3	0.325	0.325	0.325	35	97	-	-	0	0	0	0	-	-	7	-	-	-
Methylnaphthalene[2-]	SW-846:8270	ug/L	18	0	0	*1*	*1.05*	*1.2*	18	100	-	-	0	0	0	0	-	-	3	-	-	-
Methylnaphthalene[2-]	SW-846:8270C	ug/L	44	0	0	*1*	*1.10682*	*2.08*	44	100	-	-	0	0	0	0	-	-	8	-	-	-
Methylphenol[2-]	SW-846:8270	ug/L	16	0	0	*10*	*10.6563*	*12*	16	100	-	-	0	0	0	0	1825	Reg6	3	-	-	-
Methylphenol[2-]	SW-846:8270C	ug/L	45	0	0	*10*	*11.0778*	*20.8*	45	100	-	-	0	0	0	0	1825	Reg6	8	-	-	-
Methylphenol[3-,4-]	SW-846:8270C	ug/L	40	0	0	*10*	*11.165*	*20.8*	40	100	-	-	0	0	0	0	-	-	7	-	-	-
Methylphenol[4-]	SW-846:8270	ug/L	16	0	0	*10*	*10.6563*	*12*	16	100	-	-	0	0	0	0	182.5	Reg6	3	-	-	-
Methylphenol[4-]	SW-846:8270C	ug/L	5	0	0	*10*	*10.38*	*10.9*	5	100	-	-	0	0	0	0	182.5	Reg6	4	-	-	-
Methylpyridine[2-]	SW-846:8270	ug/L	2	0	0	*10.5*	*10.5*	*10.5*	2	100	-	-	0	0	0	0	-	-	1	-	-	-
Naphthalene	SW-846:8270	ug/L	18	0	0	*1*	*1.05*	*1.2*	18	100	-	-	0	0	0	0	30	NMGSU	3	-	-	-
Naphthalene	SW-846:8270C	ug/L	46	0	0	*1*	*1.10348*	*2.08*	46	100	-	-	0	0	0	0	30	NMGSU	8	-	-	-
Nitroaniline[2-]	SW-846:8270	ug/L	18	0	0	*10*	*10.5833*	*12*	18	100	-	-	0	0	0	0	109.5	Reg6	3	-	-	-
Nitroaniline[2-]	SW-846:8270C	ug/L	46	0	0	*10*	*11.0652*	*20.8*	46	100	-	-	0	0	0	0	109.5	Reg6	8	-	-	-
Nitroaniline[3-]	SW-846:8270	ug/L	18	0	0	*10*	*10.5833*	*12*	18	100	-	-	0	0	0	0	-	-	3	-	-	-
Nitroaniline[3-]	SW-846:8270C	ug/L	46	0	0	*10*	*11.0652*	*20.8*	46	100	-	-	0	0	0	0	-	-	8	-	-	-
Nitroaniline[4-]	SW-846:8270	ug/L	18	0	0	*10*	*10.5833*	*12*	18	100	-	-	0	0	0	0	-	-	3	-	-	-
Nitroaniline[4-]	SW-846:8270C	ug/L	46	0	0	*10*	*11.0652*	*20.8*	46	100	-	-	0	0	0	0	-	-	8	-	-	-
Nitrobenzene	SW-846:8270	ug/L	18	0	0	*10*	*10.5833*	*12*	18	100	-	-	18	0	0	0	3.395349	Reg6	3	-	-	-
Nitrobenzene	SW-846:8270C	ug/L	46	0	0	*10*	*11.0652*	*20.8*	46	100	-	-	46	0	0	0	3.395349	Reg6	8	-	-	-
Nitrophenol[2-]	SW-846:8270	ug/L	16	0	0	*10*	*10.6563*	*12*	16	100	-	-	0	0	0	0	-	-	3	-	-	-
Nitrophenol[2-]	SW-846:8270C	ug/L	42	0	0	*10*	*11.0929*	*20.8*	42	100	-	-	0	0	0	0	-	-	8	-	-	-
Nitrophenol[4-]	SW-846:8270	ug/L	18	0	0	*10*	*10.5833*	*12*	18	100	-	-	0	0	0	0	292	Reg6	3	-	-	-
Nitrophenol[4-]	SW-846:8270C	ug/L	44	0	0	*10*	*11.0886*	*20.8*	44	100	-	-	0	0	0	0	292	Reg6	8	-	-	-
Nitrosodiethylamine[N-]	SW-846:8270C	ug/L	36	0	0	*10*	*11.2*	*20.8*	36	100	-	-	36	0	0	0	0.001435595	Reg6	7	-	-	-
Nitrosodimethylamine[N-]	SW-846:8270	ug/L	18	0	0	*10*	*10.5833*	*12*	18	100	-	-	18	0	0	0	0.004222338	Reg6	3	-	-	-
Nitrosodimethylamine[N-]	SW-846:8270C	ug/L	46	0	0	*10*	*11.0652*	*20.8*	46	100	-	-	46	0	0	0	0.004222338	Reg6	8	-	-	-
Nitroso-di-n-butylamine[N-]	SW-846:8270C	ug/L	36	0	0	*10*	*11.2*	*20.8*	36	100	-	-	36	0	0	0	0.1226854	Reg6	7	-	-	-
Nitroso-di-n-propylamine[N-]	SW-846:8270	ug/L	18	0	0	*10*	*10.5833*	*12*	18	100	-	-	18	0	0	0	0.09604505	Reg6	3	-	-	-
Nitroso-di-n-propylamine[N-]	SW-846:8270C	ug/L	46	0	0	*10*	*11.0652*	*20.8*	46	100	-	-	46	0	0	0	0.09604505	Reg6	8	-	-	-
Nitrosodiphenylamine[N-]	SW-846:8270C	ug/L	1	1	100	9.6	9.6	9.6	0	0	-	-	0	0	0	0	137.2072	Reg6	1	-	-	-
Nitrosopyrrolidine[N-]	SW-846:8270C	ug/L	36	0	0	*10*	*11.2*	*20.8*	36	100	-	-	36	0	0	0	0.3201502	Reg6	7	-	-	-
Oxybis(1-chloropropane)[2,2'-]	SW-846:8270	ug/L	18	0	0	*10*	*10.5833*	*12*	18	100	-	-	18	0	0	0	9.536393	Reg6	3	-	-	-
Oxybis(1-chloropropane)[2,2'-]	SW-846:8270C	ug/L	43	0	0	*10*	*11.0791*	*20.8*	43	100	-	-	43	0	0	0	9.536393	Reg6	8	-	-	-
Pentachlorobenzene	SW-846:8270C	ug/L	36	0	0	*10*	*11.2*	*20.8*	36	100	-	-	0	0	0	0	29.2	Reg6	7	-	-	-
Pentachlorophenol	SW-846:8270	ug/L	16	0	0	*10*	*10.6563*	*12*	16	100	-	-	16	0	0	0	1	MCL	3	-	-	-
Pentachlorophenol	SW-846:8270C	ug/L	45	0	0	*10*	*11.0778*	*20.8*	45	100	-	-	45	0	0	0	1	MCL	8	-	-	-
Phenanthrene	SW-846:8270	ug/L	18	0	0	*1*	*1.05*	*1.2*	18	100	-	-	0	0	0	0	-	-	3	-	-	-
Phenanthrene	SW-846:8270C	ug/L	41	1	2	0.279	0.279	0.279	40	98	-	-	0	0	0	0	-	-	8	-	-	-
Phenol	SW-846:8270	ug/L	16	0	0	*10*	*10.6563*	*12*	16	100	-	-	16	0	0	0	5	NMGSU	3	-	-	-
Phenol	SW-846:8270C	ug/L	45	0	0	*10*	*11.0778*	*20.8*	45	100	-	-	45	0	0	0	5	NMGSU	8	-	-	-
Pyrene	SW-846:8270	ug/L	18	0	0	*1*	*1.05*	*1.2*	18	100	-	-	0	0	0	0	182.5	Reg6	3	-	-	-
Pyrene	SW-846:8270C	ug/L	46	0	0	*1*	*1.10348*	*2.08*	46	100	-	-	0	0	0	0	182.5	Reg6	8	-	-	-
Pyridine	SW-846:8270	ug/L	2	0	0	*10.5*	*10.5*	*10.5*	2	100	-	-	0	0	0	0	36.5	Reg6	1	-	-	-
Pyridine	SW-846:8270C	ug/L	9	0	0	*10.4*	*10.7889*	*11.6*	9	100	-	-	0	0	0	0	36.5	Reg6	8	-	-	-
Tetrachlorobenzene[1,2,4,5]	SW-846:8270C	ug/L	36	0	0	*10*	*11.2*	*20.8*	36	100	-	-	36	0	0	0	0.00003	MCL	7	-	-	-
Tetrachlorophenol[2,3,4,6-]	SW-846:8270C	ug/L	35	0	0	*4.5*	*11.0371*	*20.8*	35	100	-	-	34	0	0	0	5	MCL	7	-	-	-

Table B-1
Screening Table for Los Alamos Canyon Watershed (including Pueblo Canyon)

Analyte	Method	Units	No. of Analyses	No. of Detects	D Rate %	Min	Mean	Max	No. of Non-detects	ND Rate %	BV	D> BV	ND> Std	D> Std	D> Std/2	D>Std/2 Rate %	Level	Std Type	Locations with Data (number)	D>Std (number of locations)	D>Std/2 (number of locations)	D>Std Stations
Trichlorobenzene[1,2,4-]	SW-846:8270	ug/L	18	0	0	*10*	*10.5833*	*12*	18	100	-	-	0	0	0	0	70	MCL	3	-	-	-
Trichlorobenzene[1,2,4-]	SW-846:8270C	ug/L	46	0	0	*10*	*11.0652*	*20.8*	46	100	-	-	0	0	0	0	70	MCL	8	-	-	-
Trichlorophenol[2,4,5-]	SW-846:8270	ug/L	16	0	0	*10*	*10.6563*	*12*	16	100	-	-	0	0	0	0	3650	Reg6	3	-	-	-
Trichlorophenol[2,4,5-]	SW-846:8270C	ug/L	45	0	0	*10*	*11.0778*	*20.8*	45	100	-	-	0	0	0	0	3650	Reg6	8	-	-	-
Trichlorophenol[2,4,6-]	SW-846:8270	ug/L	16	0	0	*10*	*10.6563*	*12*	16	100	-	-	0	0	0	0	61.11958	Reg6	3	-	-	-
Trichlorophenol[2,4,6-]	SW-846:8270C	ug/L	45	0	0	*10*	*11.0778*	*20.8*	45	100	-	-	0	0	0	0	61.11958	Reg6	8	-	-	-
LA, VOA, UF, Ephemeral																						
Acetone	EPA:624	ug/L	8	4	50	2.1	2.7	3.6	4	50	-	-	0	0	0	0	-	-	5	-	-	-
Acetone	SW-846:8260B	ug/L	12	4	33	2.35	3.545	6.4	8	67	-	-	0	0	0	0	-	-	5	-	-	-
Acetonitrile	EPA:624	ug/L	2	0	0	*25*	*25*	*25*	2	100	-	-	0	0	0	0	-	-	2	-	-	-
Acetonitrile	SW-846:8260B	ug/L	11	0	0	*25*	*25*	*25*	11	100	-	-	0	0	0	0	-	-	5	-	-	-
Acrolein	EPA:624	ug/L	8	0	0	*5*	*5*	*5*	8	100	-	-	0	0	0	0	-	-	5	-	-	-
Acrolein	SW-846:8260B	ug/L	11	0	0	*5*	*5*	*5*	11	100	-	-	0	0	0	0	-	-	5	-	-	-
Acrylonitrile	EPA:624	ug/L	8	0	0	*5*	*5*	*5*	8	100	-	-	0	0	0	0	-	-	5	-	-	-
Acrylonitrile	SW-846:8260B	ug/L	11	0	0	*5*	*5*	*5*	11	100	-	-	0	0	0	0	-	-	5	-	-	-
Benzene	EPA:624	ug/L	8	0	0	*1*	*1*	*1*	8	100	-	-	0	0	0	0	-	-	5	-	-	-
Benzene	SW-846:8260B	ug/L	12	0	0	*1*	*1*	*1*	12	100	-	-	0	0	0	0	-	-	5	-	-	-
Bromobenzene	EPA:624	ug/L	8	0	0	*1*	*1*	*1*	8	100	-	-	0	0	0	0	-	-	5	-	-	-
Bromobenzene	SW-846:8260B	ug/L	12	0	0	*1*	*1*	*1*	12	100	-	-	0	0	0	0	-	-	5	-	-	-
Bromochloromethane	EPA:624	ug/L	8	0	0	*1*	*1*	*1*	8	100	-	-	0	0	0	0	-	-	5	-	-	-
Bromochloromethane	SW-846:8260B	ug/L	12	0	0	*1*	*1*	*1*	12	100	-	-	0	0	0	0	-	-	5	-	-	-
Bromodichloromethane	EPA:624	ug/L	8	0	0	*1*	*1*	*1*	8	100	-	-	0	0	0	0	-	-	5	-	-	-
Bromodichloromethane	SW-846:8260B	ug/L	12	0	0	*1*	*1*	*1*	12	100	-	-	0	0	0	0	-	-	5	-	-	-
Bromoform	EPA:624	ug/L	8	0	0	*1*	*1*	*1*	8	100	-	-	0	0	0	0	-	-	5	-	-	-
Bromoform	SW-846:8260B	ug/L	12	0	0	*1*	*1*	*1*	12	100	-	-	0	0	0	0	-	-	5	-	-	-
Bromomethane	EPA:624	ug/L	8	0	0	*1*	*1*	*1*	8	100	-	-	0	0	0	0	-	-	5	-	-	-
Bromomethane	SW-846:8260B	ug/L	12	0	0	*1*	*1*	*1*	12	100	-	-	0	0	0	0	-	-	5	-	-	-
Butanone[2-]	EPA:624	ug/L	8	2	25	2	2.15	2.3	6	75	-	-	0	0	0	0	-	-	5	-	-	-
Butanone[2-]	SW-846:8260B	ug/L	12	0	0	*5*	*5*	*5*	12	100	-	-	0	0	0	0	-	-	5	-	-	-
Butylbenzene[n-]	EPA:624	ug/L	8	0	0	*1*	*1*	*1*	8	100	-	-	0	0	0	0	-	-	5	-	-	-
Butylbenzene[n-]	SW-846:8260B	ug/L	12	0	0	*1*	*1*	*1*	12	100	-	-	0	0	0	0	-	-	5	-	-	-
Butylbenzene[sec-]	EPA:624	ug/L	8	0	0	*1*	*1*	*1*	8	100	-	-	0	0	0	0	-	-	5	-	-	-
Butylbenzene[sec-]	SW-846:8260B	ug/L	12	0	0	*1*	*1*	*1*	12	100	-	-	0	0	0	0	-	-	5	-	-	-
Butylbenzene[tert-]	EPA:624	ug/L	8	0	0	*1*	*1*	*1*	8	100	-	-	0	0	0	0	-	-	5	-	-	-
Butylbenzene[tert-]	SW-846:8260B	ug/L	12	0	0	*1*	*1*	*1*	12	100	-	-	0	0	0	0	-	-	5	-	-	-
Carbon Disulfide	EPA:624	ug/L	8	0	0	*5*	*5*	*5*	8	100	-	-	0	0	0	0	-	-	5	-	-	-
Carbon Disulfide	SW-846:8260B	ug/L	12	0	0	*5*	*5*	*5*	12	100	-	-	0	0	0	0	-	-	5	-	-	-
Carbon Tetrachloride	EPA:624	ug/L	8	0	0	*1*	*1*	*1*	8	100	-	-	0	0	0	0	-	-	5	-	-	-
Carbon Tetrachloride	SW-846:8260B	ug/L	12	0	0	*1*	*1*	*1*	12	100	-	-	0	0	0	0	-	-	5	-	-	-
Chloro-1,3-butadiene[2-]	EPA:624	ug/L	2	0	0	*1*	*1*	*1*	2	100	-	-	0	0	0	0	-	-	2	-	-	-
Chloro-1,3-butadiene[2-]	SW-846:8260B	ug/L	11	0	0	*1*	*1*	*1*	11	100	-	-	0	0	0	0	-	-	5	-	-	-
Chloro-1-propene[3-]	EPA:624	ug/L	2	0	0	*5*	*5*	*5*	2	100	-	-	0	0	0	0	-	-	2	-	-	-
Chloro-1-propene[3-]	SW-846:8260B	ug/L	7	0	0	*5*	*5*	*5*	7	100	-	-	0	0	0	0	-	-	5	-	-	-
Chlorobenzene	EPA:624	ug/L	8	0	0	*1*	*1*	*1*	8	100	-	-	0	0	0	0	-	-	5	-	-	-
Chlorobenzene	SW-846:8260B	ug/L	12	0	0	*1*	*1*	*1*	12	100	-	-	0	0	0	0	-	-	5	-	-	-
Chlorodibromomethane	EPA:624	ug/L	8	0	0	*1*	*1*	*1*	8	100	-	-	0	0	0	0	-	-	5	-	-	-
Chlorodibromomethane	SW-846:8260B	ug/L	12	0	0	*1*	*1*	*1*	12	100	-	-	0	0	0	0	-	-	5	-	-	-
Chloroethane	EPA:624	ug/L	8	0	0	*1*	*1*	*1*	8	100	-	-	0	0	0	0	-	-	5	-	-	-
Chloroethane	SW-846:8260B	ug/L	12	0	0	*1*	*1*	*1*	12	100	-	-	0	0	0	0	-	-	5	-	-	-
Chloroform	EPA:624	ug/L	8	0	0	*1*	*1*	*1*	8	100	-	-	0	0	0	0	-	-	5	-	-	-
Chloroform	SW-846:8260B	ug/L	12	0	0	*0.415*	*0.93783*	*1*	12	100	-	-	0	0	0	0	-	-	5	-	-	-
Chloromethane	EPA:624	ug/L	8	0	0	*1*	*1*	*1*	8	100	-	-	0	0	0	0	-	-	5	-	-	-
Chloromethane	SW-846:8260B	ug/L	12	0	0	*1*	*1*	*1*	12	100	-	-	0	0	0	0	-	-	5	-	-	-
Chlorotoluene[2-]	EPA:624	ug/L	8	0	0	*1*	*1*	*1*	8	100	-	-	0	0	0	0	-	-	5	-	-	-
Chlorotoluene[2-]	SW-846:8260B	ug/L	12	0	0	*1*	*1*	*1*	12	100	-	-	0	0	0	0	-	-	5	-	-	-
Chlorotoluene[4-]	EPA:624	ug/L	8	0	0	*1*	*1*	*1*	8	100	-	-	0	0	0	0	-	-	5	-	-	-
Chlorotoluene[4-]	SW-846:8260B	ug/L	12	0	0	*1*	*1*	*1*	12	100	-	-	0	0	0	0	-	-	5	-	-	-
Dibromo-3-Chloropropane[1,2-]	EPA:624	ug/L	8	0	0	*1*	*1*	*1*	8	100	-	-	0	0	0	0	-	-	5	-	-	-
Dibromo-3-Chloropropane[1,2-]	SW-846:8260B	ug/L	12	0	0	*1*	*1*	*1*	12	100	-	-	0	0	0	0	-	-	5	-	-	-
Dibromoethane[1,2-]	EPA:624	ug/L	8	0	0	*1*	*1*	*1*	8	100	-	-	0	0	0	0	-	-	5	-	-	-

Table B-1
Screening Table for Los Alamos Canyon Watershed (including Pueblo Canyon)

Analyte	Method	Units	No. of Analyses	No. of Detects	D Rate %	Min	Mean	Max	No. of Non-detects	ND Rate %	BV	D> BV	ND> Std	D> Std	D> Std/2	D>Std/2 Rate %	Level	Std Type	Locations with Data (number)	D>Std (number of locations)	D>Std/2 (number of locations)	D>Std Stations
Dibromoethane[1,2-]	SW-846:8260B	ug/L	12	0	0	1	1	1	12	100	-	-	0	0	0	0	-	-	5	-	-	-
Dibromomethane	EPA:624	ug/L	8	0	0	1	1	1	8	100	-	-	0	0	0	0	-	-	5	-	-	-
Dibromomethane	SW-846:8260B	ug/L	12	0	0	1	1	1	12	100	-	-	0	0	0	0	-	-	5	-	-	-
Dichlorobenzene[1,2-]	EPA:624	ug/L	8	0	0	1	1	1	8	100	-	-	0	0	0	0	-	-	5	-	-	-
Dichlorobenzene[1,2-]	SW-846:8260B	ug/L	12	0	0	1	1	1	12	100	-	-	0	0	0	0	-	-	5	-	-	-
Dichlorobenzene[1,3-]	EPA:624	ug/L	8	0	0	1	1	1	8	100	-	-	0	0	0	0	-	-	5	-	-	-
Dichlorobenzene[1,3-]	SW-846:8260B	ug/L	12	0	0	1	1	1	12	100	-	-	0	0	0	0	-	-	5	-	-	-
Dichlorobenzene[1,4-]	EPA:624	ug/L	8	0	0	1	1	1	8	100	-	-	0	0	0	0	-	-	5	-	-	-
Dichlorobenzene[1,4-]	SW-846:8260B	ug/L	12	0	0	1	1	1	12	100	-	-	0	0	0	0	-	-	5	-	-	-
Dichlorodifluoromethane	EPA:624	ug/L	8	0	0	1	1	1	8	100	-	-	0	0	0	0	-	-	5	-	-	-
Dichlorodifluoromethane	SW-846:8260B	ug/L	12	0	0	1	1	1	12	100	-	-	0	0	0	0	-	-	5	-	-	-
Dichloroethane[1,1-]	EPA:624	ug/L	8	0	0	1	1	1	8	100	-	-	0	0	0	0	-	-	5	-	-	-
Dichloroethane[1,1-]	SW-846:8260B	ug/L	12	0	0	1	1	1	12	100	-	-	0	0	0	0	-	-	5	-	-	-
Dichloroethane[1,2-]	EPA:624	ug/L	8	0	0	1	1	1	8	100	-	-	0	0	0	0	-	-	5	-	-	-
Dichloroethane[1,2-]	SW-846:8260B	ug/L	12	0	0	1	1	1	12	100	-	-	0	0	0	0	-	-	5	-	-	-
Dichloroethene[1,1-]	EPA:624	ug/L	8	0	0	1	1	1	8	100	-	-	0	0	0	0	-	-	5	-	-	-
Dichloroethene[1,1-]	SW-846:8260B	ug/L	12	0	0	1	1	1	12	100	-	-	0	0	0	0	-	-	5	-	-	-
Dichloroethene[cis/trans-1,2-]	EPA:624	ug/L	2	0	0	1	1	1	2	100	-	-	0	0	0	0	-	-	2	-	-	-
Dichloroethene[cis-1,2-]	EPA:624	ug/L	2	0	0	1	1	1	2	100	-	-	0	0	0	0	-	-	2	-	-	-
Dichloroethene[cis-1,2-]	SW-846:8260B	ug/L	12	0	0	1	1	1	12	100	-	-	0	0	0	0	-	-	5	-	-	-
Dichloroethene[trans-1,2-]	EPA:624	ug/L	8	0	0	1	1	1	8	100	-	-	0	0	0	0	-	-	5	-	-	-
Dichloroethene[trans-1,2-]	SW-846:8260B	ug/L	12	0	0	1	1	1	12	100	-	-	0	0	0	0	-	-	5	-	-	-
Dichloropropane[1,2-]	EPA:624	ug/L	8	0	0	1	1	1	8	100	-	-	0	0	0	0	-	-	5	-	-	-
Dichloropropane[1,2-]	SW-846:8260B	ug/L	12	0	0	1	1	1	12	100	-	-	0	0	0	0	-	-	5	-	-	-
Dichloropropane[1,3-]	EPA:624	ug/L	8	0	0	1	1	1	8	100	-	-	0	0	0	0	-	-	5	-	-	-
Dichloropropane[1,3-]	SW-846:8260B	ug/L	12	0	0	1	1	1	12	100	-	-	0	0	0	0	-	-	5	-	-	-
Dichloropropane[2,2-]	EPA:624	ug/L	8	0	0	1	1	1	8	100	-	-	0	0	0	0	-	-	5	-	-	-
Dichloropropane[2,2-]	SW-846:8260B	ug/L	12	0	0	1	1	1	12	100	-	-	0	0	0	0	-	-	5	-	-	-
Dichloropropene[1,1-]	EPA:624	ug/L	8	0	0	1	1	1	8	100	-	-	0	0	0	0	-	-	5	-	-	-
Dichloropropene[1,1-]	SW-846:8260B	ug/L	12	0	0	1	1	1	12	100	-	-	0	0	0	0	-	-	5	-	-	-
Dichloropropene[cis-1,3-]	EPA:624	ug/L	8	0	0	1	1	1	8	100	-	-	0	0	0	0	-	-	5	-	-	-
Dichloropropene[cis-1,3-]	SW-846:8260B	ug/L	12	0	0	1	1	1	12	100	-	-	0	0	0	0	-	-	5	-	-	-
Dichloropropene[trans-1,3-]	EPA:624	ug/L	8	0	0	1	1	1	8	100	-	-	0	0	0	0	-	-	5	-	-	-
Dichloropropene[trans-1,3-]	SW-846:8260B	ug/L	12	0	0	1	1	1	12	100	-	-	0	0	0	0	-	-	5	-	-	-
Dioxane[1,4-]	EPA:624	ug/L	2	0	0	50	50	50	2	100	-	-	0	0	0	0	-	-	2	-	-	-
Ethyl Methacrylate	EPA:624	ug/L	2	0	0	5	5	5	2	100	-	-	0	0	0	0	-	-	2	-	-	-
Ethyl Methacrylate	SW-846:8260B	ug/L	11	0	0	5	5	5	11	100	-	-	0	0	0	0	-	-	5	-	-	-
Ethylbenzene	EPA:624	ug/L	8	0	0	1	1	1	8	100	-	-	0	0	0	0	-	-	5	-	-	-
Ethylbenzene	SW-846:8260B	ug/L	12	0	0	1	1	1	12	100	-	-	0	0	0	0	-	-	5	-	-	-
Hexachlorobutadiene	EPA:624	ug/L	8	0	0	1	1	1	8	100	-	-	0	0	0	0	-	-	5	-	-	-
Hexachlorobutadiene	SW-846:8260B	ug/L	11	0	0	1	1	1	11	100	-	-	0	0	0	0	-	-	5	-	-	-
Hexanone[2-]	EPA:624	ug/L	8	0	0	5	5	5	8	100	-	-	0	0	0	0	-	-	5	-	-	-
Hexanone[2-]	SW-846:8260B	ug/L	12	0	0	5	5	5	12	100	-	-	0	0	0	0	-	-	5	-	-	-
Iodomethane	EPA:624	ug/L	8	0	0	5	5	5	8	100	-	-	0	0	0	0	-	-	5	-	-	-
Iodomethane	SW-846:8260B	ug/L	12	0	0	5	5	5	12	100	-	-	0	0	0	0	-	-	5	-	-	-
Isobutyl alcohol	EPA:624	ug/L	2	0	0	50	50	50	2	100	-	-	0	0	0	0	-	-	2	-	-	-
Isobutyl alcohol	SW-846:8260B	ug/L	9	0	0	50	50	50	9	100	-	-	0	0	0	0	-	-	5	-	-	-
Isopropylbenzene	EPA:624	ug/L	8	0	0	1	1	1	8	100	-	-	0	0	0	0	-	-	5	-	-	-
Isopropylbenzene	SW-846:8260B	ug/L	12	0	0	1	1	1	12	100	-	-	0	0	0	0	-	-	5	-	-	-
Isopropyltoluene[4-]	EPA:624	ug/L	8	1	13	1.6	1.6	1.6	7	88	-	-	0	0	0	0	-	-	5	-	-	-
Isopropyltoluene[4-]	SW-846:8260B	ug/L	12	0	0	1	1	1	12	100	-	-	0	0	0	0	-	-	5	-	-	-
Methacrylonitrile	EPA:624	ug/L	2	0	0	5	5	5	2	100	-	-	0	0	0	0	-	-	2	-	-	-
Methacrylonitrile	SW-846:8260B	ug/L	11	0	0	5	5	5	11	100	-	-	0	0	0	0	-	-	5	-	-	-
Methyl Methacrylate	EPA:624	ug/L	2	0	0	5	5	5	2	100	-	-	0	0	0	0	-	-	2	-	-	-
Methyl Methacrylate	SW-846:8260B	ug/L	11	0	0	5	5	5	11	100	-	-	0	0	0	0	-	-	5	-	-	-
Methyl-2-pentanone[4-]	EPA:624	ug/L	8	0	0	5	5	5	8	100	-	-	0	0	0	0	-	-	5	-	-	-
Methyl-2-pentanone[4-]	SW-846:8260B	ug/L	12	0	0	5	5	5	12	100	-	-	0	0	0	0	-	-	5	-	-	-
Methylene Chloride	EPA:624	ug/L	8	0	0	2	4.625	5	8	100	-	-	0	0	0	0	-	-	5	-	-	-
Methylene Chloride	SW-846:8260B	ug/L	12	0	0	5	5	5	12	100	-	-	0	0	0	0	-	-	5	-	-	-
Naphthalene	EPA:624	ug/L	8	0	0	0.64	0.955	1	8	100	-	-	0	0	0	0	-	-	5	-	-	-

Table B-1
Screening Table for Los Alamos Canyon Watershed (including Pueblo Canyon)

Analyte	Method	Units	No. of Analyses	No. of Detects	D Rate %	Min	Mean	Max	No. of Non-detects	ND Rate %	BV	D> BV	ND> Std	D> Std	D> Std/2	D>Std/2 Rate %	Level	Std Type	Locations with Data (number)	D>Std (number of locations)	D>Std/2 (number of locations)	D>Std Stations
Naphthalene	SW-846:8260B	ug/L	11	0	0	0.384	0.944	1	11	100	-	-	0	0	0	0	-	-	5	-	-	-
Propionitrile	EPA:624	ug/L	2	0	0	5	5	5	2	100	-	-	0	0	0	0	-	-	2	-	-	-
Propionitrile	SW-846:8260B	ug/L	11	0	0	5	5	5	11	100	-	-	0	0	0	0	-	-	5	-	-	-
Propylbenzene[1-]	EPA:624	ug/L	8	0	0	1	1	1	8	100	-	-	0	0	0	0	-	-	5	-	-	-
Propylbenzene[1-]	SW-846:8260B	ug/L	12	0	0	1	1	1	12	100	-	-	0	0	0	0	-	-	5	-	-	-
Styrene	EPA:624	ug/L	8	0	0	1	1	1	8	100	-	-	0	0	0	0	-	-	5	-	-	-
Styrene	SW-846:8260B	ug/L	12	0	0	1	1	1	12	100	-	-	0	0	0	0	-	-	5	-	-	-
Tetrachloroethane[1,1,1,2-]	EPA:624	ug/L	8	0	0	1	1	1	8	100	-	-	0	0	0	0	-	-	5	-	-	-
Tetrachloroethane[1,1,1,2-]	SW-846:8260B	ug/L	12	0	0	1	1	1	12	100	-	-	0	0	0	0	-	-	5	-	-	-
Tetrachloroethane[1,1,2,2-]	EPA:624	ug/L	8	0	0	1	1	1	8	100	-	-	0	0	0	0	-	-	5	-	-	-
Tetrachloroethane[1,1,2,2-]	SW-846:8260B	ug/L	12	0	0	1	1	1	12	100	-	-	0	0	0	0	-	-	5	-	-	-
Tetrachloroethene	EPA:624	ug/L	8	0	0	1	1	1	8	100	-	-	0	0	0	0	33	HHEU	5	-	-	-
Tetrachloroethene	SW-846:8260B	ug/L	12	0	0	1	1	1	12	100	-	-	0	0	0	0	33	HHEU	5	-	-	-
Toluene	EPA:624	ug/L	8	5	63	0.41	1.742	2.9	3	38	-	-	0	0	0	0	-	-	5	-	-	-
Toluene	SW-846:8260B	ug/L	12	1	8	1.39	1.39	1.39	11	92	-	-	0	0	0	0	-	-	5	-	-	-
Trichloro-1,2,2-trifluoroethane[1,1,2-]	EPA:624	ug/L	6	0	0	5	5	5	6	100	-	-	0	0	0	0	-	-	3	-	-	-
Trichloro-1,2,2-trifluoroethane[1,1,2-]	SW-846:8260B	ug/L	12	0	0	5	5	5	12	100	-	-	0	0	0	0	-	-	5	-	-	-
Trichlorobenzene[1,2,3-]	EPA:624	ug/L	2	0	0	1	1	1	2	100	-	-	0	0	0	0	-	-	2	-	-	-
Trichlorobenzene[1,2,3-]	SW-846:8260B	ug/L	11	0	0	1	1	1	11	100	-	-	0	0	0	0	-	-	5	-	-	-
Trichlorobenzene[1,2,4-]	EPA:624	ug/L	2	0	0	1	1	1	2	100	-	-	0	0	0	0	-	-	2	-	-	-
Trichlorobenzene[1,2,4-]	SW-846:8260B	ug/L	11	0	0	1	1	1	11	100	-	-	0	0	0	0	-	-	5	-	-	-
Trichloroethane[1,1,1-]	EPA:624	ug/L	8	0	0	1	1	1	8	100	-	-	0	0	0	0	-	-	5	-	-	-
Trichloroethane[1,1,1-]	SW-846:8260B	ug/L	12	1	8	0.468	0.468	0.468	11	92	-	-	0	0	0	0	-	-	5	-	-	-
Trichloroethane[1,1,2-]	EPA:624	ug/L	8	0	0	1	1	1	8	100	-	-	0	0	0	0	-	-	5	-	-	-
Trichloroethane[1,1,2-]	SW-846:8260B	ug/L	12	0	0	1	1	1	12	100	-	-	0	0	0	0	-	-	5	-	-	-
Trichloroethene	EPA:624	ug/L	8	0	0	1	1	1	8	100	-	-	0	0	0	0	-	-	5	-	-	-
Trichloroethene	SW-846:8260B	ug/L	12	0	0	1	1	1	12	100	-	-	0	0	0	0	-	-	5	-	-	-
Trichlorofluoromethane	EPA:624	ug/L	8	0	0	1	1	1	8	100	-	-	0	0	0	0	-	-	5	-	-	-
Trichlorofluoromethane	SW-846:8260B	ug/L	12	0	0	1	1	1	12	100	-	-	0	0	0	0	-	-	5	-	-	-
Trichloropropane[1,2,3-]	EPA:624	ug/L	8	0	0	1	1	1	8	100	-	-	0	0	0	0	-	-	5	-	-	-
Trichloropropane[1,2,3-]	SW-846:8260B	ug/L	12	0	0	1	1	1	12	100	-	-	0	0	0	0	-	-	5	-	-	-
Trimethylbenzene[1,2,4-]	EPA:624	ug/L	8	0	0	1	1	1	8	100	-	-	0	0	0	0	-	-	5	-	-	-
Trimethylbenzene[1,2,4-]	SW-846:8260B	ug/L	12	0	0	1	1	1	12	100	-	-	0	0	0	0	-	-	5	-	-	-
Trimethylbenzene[1,3,5-]	EPA:624	ug/L	8	0	0	1	1	1	8	100	-	-	0	0	0	0	-	-	5	-	-	-
Trimethylbenzene[1,3,5-]	SW-846:8260B	ug/L	12	0	0	1	1	1	12	100	-	-	0	0	0	0	-	-	5	-	-	-
Vinyl acetate	EPA:624	ug/L	2	0	0	5	5	5	2	100	-	-	0	0	0	0	-	-	2	-	-	-
Vinyl acetate	SW-846:8260B	ug/L	11	0	0	5	5	5	11	100	-	-	0	0	0	0	-	-	5	-	-	-
Vinyl Chloride	EPA:624	ug/L	8	0	0	1	1	1	8	100	-	-	0	0	0	0	-	-	5	-	-	-
Vinyl Chloride	SW-846:8260B	ug/L	12	0	0	1	1	1	12	100	-	-	0	0	0	0	-	-	5	-	-	-
Xylene (Total)	EPA:624	ug/L	8	0	0	1	1.25	3	8	100	-	-	0	0	0	0	-	-	5	-	-	-
Xylene[1,2-]	EPA:624	ug/L	8	0	0	1	1	1	8	100	-	-	0	0	0	0	-	-	5	-	-	-
Xylene[1,2-]	SW-846:8260B	ug/L	12	0	0	1	1	1	12	100	-	-	0	0	0	0	-	-	5	-	-	-
Xylene[1,3-]+Xylene[1,4-]	EPA:624	ug/L	8	0	0	2	2	2	8	100	-	-	0	0	0	0	-	-	5	-	-	-
Xylene[1,3-]+Xylene[1,4-]	SW-846:8260B	ug/L	12	0	0	2	2	2	12	100	-	-	0	0	0	0	-	-	5	-	-	-
LA, VOA, UF, Perennial																						
Acetone	EPA:624	ug/L	5	1	20	2.8	2.8	2.8	4	80	-	-	0	0	0	0	-	-	2	-	-	-
Acetone	SW-846:8260B	ug/L	2	0	0	5	5	5	2	100	-	-	0	0	0	0	-	-	1	-	-	-
Acetonitrile	EPA:624	ug/L	1	0	0	25	25	25	1	100	-	-	0	0	0	0	-	-	1	-	-	-
Acetonitrile	SW-846:8260B	ug/L	2	0	0	25	25	25	2	100	-	-	0	0	0	0	-	-	1	-	-	-
Acrolein	EPA:624	ug/L	5	0	0	5	5	5	5	100	-	-	0	0	0	0	290	HHPU	2	-	-	-
Acrolein	SW-846:8260B	ug/L	2	0	0	5	5	5	2	100	-	-	0	0	0	0	290	HHPU	1	-	-	-
Acrylonitrile	EPA:624	ug/L	5	0	0	5	5	5	5	100	-	-	5	0	0	0	2.5	HHPU	2	-	-	-
Acrylonitrile	SW-846:8260B	ug/L	2	0	0	5	5	5	2	100	-	-	2	0	0	0	2.5	HHPU	1	-	-	-
Benzene	EPA:624	ug/L	5	0	0	1	1	1	5	100	-	-	0	0	0	0	510	HHPU	2	-	-	-
Benzene	SW-846:8260B	ug/L	2	0	0	1	1	1	2	100	-	-	0	0	0	0	510	HHPU	1	-	-	-
Bromobenzene	EPA:624	ug/L	5	0	0	1	1	1	5	100	-	-	0	0	0	0	-	-	2	-	-	-
Bromobenzene	SW-846:8260B	ug/L	2	0	0	1	1	1	2	100	-	-	0	0	0	0	-	-	1	-	-	-
Bromochloromethane	EPA:624	ug/L	5	0	0	1	1	1	5	100	-	-	0	0	0	0	-	-	2	-	-	-
Bromochloromethane	SW-846:8260B	ug/L	2	0	0	1	1	1	2	100	-	-	0	0	0	0	-	-	1	-	-	-
Bromodichloromethane	EPA:624	ug/L	5	0	0	1	1	1	5	100	-	-	0	0	0	0	170	HHPU	2	-	-	-

Table B-1
Screening Table for Los Alamos Canyon Watershed (including Pueblo Canyon)

Analyte	Method	Units	No. of Analyses	No. of Detects	D Rate %	Min	Mean	Max	No. of Non-detects	ND Rate %	BV	D> BV	ND> Std	D> Std	D> Std/2	D>Std/2 Rate %	Level	Std Type	Locations with Data (number)	D>Std (number of locations)	D>Std/2 (number of locations)	D>Std Stations
Bromodichloromethane	SW-846:8260B	ug/L	2	0	0	*1*	*1*	*1*	2	100	-	-	0	0	0	0	170	HHPU	1	-	-	-
Bromoform	EPA:624	ug/L	5	0	0	*1*	*1*	*1*	5	100	-	-	0	0	0	0	1400	HHPU	2	-	-	-
Bromoform	SW-846:8260B	ug/L	2	0	0	*1*	*1*	*1*	2	100	-	-	0	0	0	0	1400	HHPU	1	-	-	-
Bromomethane	EPA:624	ug/L	5	0	0	*1*	*1*	*1*	5	100	-	-	0	0	0	0	1500	HHPU	2	-	-	-
Bromomethane	SW-846:8260B	ug/L	2	0	0	*1*	*1*	*1*	2	100	-	-	0	0	0	0	1500	HHPU	1	-	-	-
Butanone[2-]	EPA:624	ug/L	5	1	20	3.3	3.3	3.3	4	80	-	-	0	0	0	0	-	-	2	-	-	-
Butanone[2-]	SW-846:8260B	ug/L	2	0	0	*5*	*5*	*5*	2	100	-	-	0	0	0	0	-	-	1	-	-	-
Butylbenzene[n-]	EPA:624	ug/L	5	0	0	*1*	*1*	*1*	5	100	-	-	0	0	0	0	-	-	2	-	-	-
Butylbenzene[n-]	SW-846:8260B	ug/L	2	0	0	*1*	*1*	*1*	2	100	-	-	0	0	0	0	-	-	1	-	-	-
Butylbenzene[sec-]	EPA:624	ug/L	5	0	0	*1*	*1*	*1*	5	100	-	-	0	0	0	0	-	-	2	-	-	-
Butylbenzene[sec-]	SW-846:8260B	ug/L	2	0	0	*1*	*1*	*1*	2	100	-	-	0	0	0	0	-	-	1	-	-	-
Butylbenzene[tert-]	EPA:624	ug/L	5	0	0	*1*	*1*	*1*	5	100	-	-	0	0	0	0	-	-	2	-	-	-
Butylbenzene[tert-]	SW-846:8260B	ug/L	2	0	0	*1*	*1*	*1*	2	100	-	-	0	0	0	0	-	-	1	-	-	-
Carbon Disulfide	EPA:624	ug/L	5	0	0	*5*	*5*	*5*	5	100	-	-	0	0	0	0	-	-	2	-	-	-
Carbon Disulfide	SW-846:8260B	ug/L	2	0	0	*5*	*5*	*5*	2	100	-	-	0	0	0	0	-	-	1	-	-	-
Carbon Tetrachloride	EPA:624	ug/L	5	0	0	*1*	*1*	*1*	5	100	-	-	0	0	0	0	16	HHPU	2	-	-	-
Carbon Tetrachloride	SW-846:8260B	ug/L	2	0	0	*1*	*1*	*1*	2	100	-	-	0	0	0	0	16	HHPU	1	-	-	-
Chloro-1,3-butadiene[2-]	EPA:624	ug/L	1	0	0	*1*	*1*	*1*	1	100	-	-	0	0	0	0	-	-	1	-	-	-
Chloro-1,3-butadiene[2-]	SW-846:8260B	ug/L	2	0	0	*1*	*1*	*1*	2	100	-	-	0	0	0	0	-	-	1	-	-	-
Chloro-1-propene[3-]	EPA:624	ug/L	1	0	0	*5*	*5*	*5*	1	100	-	-	0	0	0	0	-	-	1	-	-	-
Chlorobenzene	EPA:624	ug/L	5	0	0	*1*	*1*	*1*	5	100	-	-	0	0	0	0	21000	HHPU	2	-	-	-
Chlorobenzene	SW-846:8260B	ug/L	2	0	0	*1*	*1*	*1*	2	100	-	-	0	0	0	0	21000	HHPU	1	-	-	-
Chlorodibromomethane	EPA:624	ug/L	5	0	0	*1*	*1*	*1*	5	100	-	-	0	0	0	0	130	HHPU	2	-	-	-
Chlorodibromomethane	SW-846:8260B	ug/L	2	0	0	*1*	*1*	*1*	2	100	-	-	0	0	0	0	130	HHPU	1	-	-	-
Chloroethane	EPA:624	ug/L	5	0	0	*1*	*1*	*1*	5	100	-	-	0	0	0	0	-	-	2	-	-	-
Chloroethane	SW-846:8260B	ug/L	2	0	0	*1*	*1*	*1*	2	100	-	-	0	0	0	0	-	-	1	-	-	-
Chloroform	EPA:624	ug/L	5	0	0	*1*	*1*	*1*	5	100	-	-	0	0	0	0	4700	HHPU	2	-	-	-
Chloroform	SW-846:8260B	ug/L	2	0	0	*0.691*	*0.7355*	*0.78*	2	100	-	-	0	0	0	0	4700	HHPU	1	-	-	-
Chloromethane	EPA:624	ug/L	5	0	0	*1*	*1*	*1*	5	100	-	-	0	0	0	0	-	-	2	-	-	-
Chloromethane	SW-846:8260B	ug/L	2	0	0	*1*	*1*	*1*	2	100	-	-	0	0	0	0	-	-	1	-	-	-
Chlorotoluene[2-]	EPA:624	ug/L	5	0	0	*1*	*1*	*1*	5	100	-	-	0	0	0	0	-	-	2	-	-	-
Chlorotoluene[2-]	SW-846:8260B	ug/L	2	0	0	*1*	*1*	*1*	2	100	-	-	0	0	0	0	-	-	1	-	-	-
Chlorotoluene[4-]	EPA:624	ug/L	5	0	0	*1*	*1*	*1*	5	100	-	-	0	0	0	0	-	-	2	-	-	-
Chlorotoluene[4-]	SW-846:8260B	ug/L	2	0	0	*1*	*1*	*1*	2	100	-	-	0	0	0	0	-	-	1	-	-	-
Dibromo-3-Chloropropane[1,2-]	EPA:624	ug/L	5	0	0	*1*	*1*	*1*	5	100	-	-	0	0	0	0	-	-	2	-	-	-
Dibromo-3-Chloropropane[1,2-]	SW-846:8260B	ug/L	2	0	0	*1*	*1*	*1*	2	100	-	-	0	0	0	0	-	-	1	-	-	-
Dibromoethane[1,2-]	EPA:624	ug/L	5	0	0	*1*	*1*	*1*	5	100	-	-	0	0	0	0	-	-	2	-	-	-
Dibromoethane[1,2-]	SW-846:8260B	ug/L	2	0	0	*1*	*1*	*1*	2	100	-	-	0	0	0	0	-	-	1	-	-	-
Dibromomethane	EPA:624	ug/L	5	0	0	*1*	*1*	*1*	5	100	-	-	0	0	0	0	-	-	2	-	-	-
Dibromomethane	SW-846:8260B	ug/L	2	0	0	*1*	*1*	*1*	2	100	-	-	0	0	0	0	-	-	1	-	-	-
Dichlorobenzene[1,2-]	EPA:624	ug/L	5	0	0	*1*	*1*	*1*	5	100	-	-	0	0	0	0	-	-	2	-	-	-
Dichlorobenzene[1,2-]	SW-846:8260B	ug/L	2	0	0	*1*	*1*	*1*	2	100	-	-	0	0	0	0	-	-	1	-	-	-
Dichlorobenzene[1,3-]	EPA:624	ug/L	5	0	0	*1*	*1*	*1*	5	100	-	-	0	0	0	0	-	-	2	-	-	-
Dichlorobenzene[1,3-]	SW-846:8260B	ug/L	2	0	0	*1*	*1*	*1*	2	100	-	-	0	0	0	0	-	-	1	-	-	-
Dichlorobenzene[1,4-]	EPA:624	ug/L	5	0	0	*1*	*1*	*1*	5	100	-	-	0	0	0	0	-	-	2	-	-	-
Dichlorobenzene[1,4-]	SW-846:8260B	ug/L	2	0	0	*1*	*1*	*1*	2	100	-	-	0	0	0	0	-	-	1	-	-	-
Dichlorodifluoromethane	EPA:624	ug/L	5	0	0	*1*	*1*	*1*	5	100	-	-	0	0	0	0	-	-	2	-	-	-
Dichlorodifluoromethane	SW-846:8260B	ug/L	2	0	0	*1*	*1*	*1*	2	100	-	-	0	0	0	0	-	-	1	-	-	-
Dichloroethane[1,1-]	EPA:624	ug/L	5	0	0	*1*	*1*	*1*	5	100	-	-	0	0	0	0	-	-	2	-	-	-
Dichloroethane[1,1-]	SW-846:8260B	ug/L	2	0	0	*1*	*1*	*1*	2	100	-	-	0	0	0	0	-	-	1	-	-	-
Dichloroethane[1,2-]	EPA:624	ug/L	5	0	0	*1*	*1*	*1*	5	100	-	-	0	0	0	0	370	HHPU	2	-	-	-
Dichloroethane[1,2-]	SW-846:8260B	ug/L	2	0	0	*1*	*1*	*1*	2	100	-	-	0	0	0	0	370	HHPU	1	-	-	-
Dichloroethene[1,1-]	EPA:624	ug/L	5	0	0	*1*	*1*	*1*	5	100	-	-	0	0	0	0	32	HHPU	2	-	-	-
Dichloroethene[1,1-]	SW-846:8260B	ug/L	2	0	0	*1*	*1*	*1*	2	100	-	-	0	0	0	0	32	HHPU	1	-	-	-
Dichloroethene[cis/trans-1,2-]	EPA:624	ug/L	1	0	0	*1*	*1*	*1*	1	100	-	-	0	0	0	0	-	-	1	-	-	-
Dichloroethene[cis-1,2-]	EPA:624	ug/L	1	0	0	*1*	*1*	*1*	1	100	-	-	0	0	0	0	-	-	1	-	-	-
Dichloroethene[cis-1,2-]	SW-846:8260B	ug/L	2	0	0	*1*	*1*	*1*	2	100	-	-	0	0	0	0	-	-	1	-	-	-
Dichloroethene[trans-1,2-]	EPA:624	ug/L	5	0	0	*1*	*1*	*1*	5	100	-	-	0	0	0	0	140000	HHPU	2	-	-	-
Dichloroethene[trans-1,2-]	SW-846:8260B	ug/L	2	0	0	*1*	*1*	*1*	2	100	-	-	0	0	0	0	140000	HHPU	1	-	-	-
Dichloropropane[1,2-]	EPA:624	ug/L	5	0	0	*1*	*1*	*1*	5	100	-	-	0	0	0	0	150	HHPU	2	-	-	-

Table B-1
Screening Table for Los Alamos Canyon Watershed (including Pueblo Canyon)

Analyte	Method	Units	No. of Analyses	No. of Detects	D Rate %	Min	Mean	Max	No. of Non-detects	ND Rate %	BV	D> BV	ND> Std	D> Std	D> Std/2	D>Std/2 Rate %	Level	Std Type	Locations with Data (number)	D>Std (number of locations)	D>Std/2 (number of locations)	D>Std Stations
Dichloropropane[1,2-]	SW-846:8260B	ug/L	2	0	0	1	1	1	2	100	-	-	0	0	0	0	150	HHPU	1	-	-	-
Dichloropropane[1,3-]	EPA:624	ug/L	5	0	0	1	1	1	5	100	-	-	0	0	0	0	-	-	2	-	-	-
Dichloropropane[1,3-]	SW-846:8260B	ug/L	2	0	0	1	1	1	2	100	-	-	0	0	0	0	-	-	1	-	-	-
Dichloropropane[2,2-]	EPA:624	ug/L	5	0	0	1	1	1	5	100	-	-	0	0	0	0	-	-	2	-	-	-
Dichloropropane[2,2-]	SW-846:8260B	ug/L	2	0	0	1	1	1	2	100	-	-	0	0	0	0	-	-	1	-	-	-
Dichloropropene[1,1-]	EPA:624	ug/L	5	0	0	1	1	1	5	100	-	-	0	0	0	0	-	-	2	-	-	-
Dichloropropene[1,1-]	SW-846:8260B	ug/L	2	0	0	1	1	1	2	100	-	-	0	0	0	0	-	-	1	-	-	-
Dichloropropene[cis-1,3-]	EPA:624	ug/L	5	0	0	1	1	1	5	100	-	-	0	0	0	0	-	-	2	-	-	-
Dichloropropene[cis-1,3-]	SW-846:8260B	ug/L	2	0	0	1	1	1	2	100	-	-	0	0	0	0	-	-	1	-	-	-
Dichloropropene[trans-1,3-]	EPA:624	ug/L	5	0	0	1	1	1	5	100	-	-	0	0	0	0	-	-	2	-	-	-
Dichloropropene[trans-1,3-]	SW-846:8260B	ug/L	2	0	0	1	1	1	2	100	-	-	0	0	0	0	-	-	1	-	-	-
Dioxane[1,4-]	EPA:624	ug/L	1	0	0	50	50	50	1	100	-	-	0	0	0	0	-	-	1	-	-	-
Ethyl Methacrylate	EPA:624	ug/L	1	0	0	5	5	5	1	100	-	-	0	0	0	0	-	-	1	-	-	-
Ethyl Methacrylate	SW-846:8260B	ug/L	2	0	0	5	5	5	2	100	-	-	0	0	0	0	-	-	1	-	-	-
Ethylbenzene	EPA:624	ug/L	5	0	0	1	1	1	5	100	-	-	0	0	0	0	29000	HHPU	2	-	-	-
Ethylbenzene	SW-846:8260B	ug/L	2	0	0	1	1	1	2	100	-	-	0	0	0	0	29000	HHPU	1	-	-	-
Hexachlorobutadiene	EPA:624	ug/L	5	0	0	1	1	1	5	100	-	-	0	0	0	0	-	-	2	-	-	-
Hexachlorobutadiene	SW-846:8260B	ug/L	2	0	0	1	1	1	2	100	-	-	0	0	0	0	-	-	1	-	-	-
Hexanone[2-]	EPA:624	ug/L	5	0	0	5	5	5	5	100	-	-	0	0	0	0	-	-	2	-	-	-
Hexanone[2-]	SW-846:8260B	ug/L	2	0	0	5	5	5	2	100	-	-	0	0	0	0	-	-	1	-	-	-
Iodomethane	EPA:624	ug/L	5	0	0	5	5	5	5	100	-	-	0	0	0	0	-	-	2	-	-	-
Iodomethane	SW-846:8260B	ug/L	2	0	0	5	5	5	2	100	-	-	0	0	0	0	-	-	1	-	-	-
Isobutyl alcohol	EPA:624	ug/L	1	0	0	50	50	50	1	100	-	-	0	0	0	0	-	-	1	-	-	-
Isobutyl alcohol	SW-846:8260B	ug/L	2	0	0	50	50	50	2	100	-	-	0	0	0	0	-	-	1	-	-	-
Isopropylbenzene	EPA:624	ug/L	5	0	0	1	1	1	5	100	-	-	0	0	0	0	-	-	2	-	-	-
Isopropylbenzene	SW-846:8260B	ug/L	2	0	0	1	1	1	2	100	-	-	0	0	0	0	-	-	1	-	-	-
Isopropyltoluene[4-]	EPA:624	ug/L	5	0	0	1	1	1	5	100	-	-	0	0	0	0	-	-	2	-	-	-
Isopropyltoluene[4-]	SW-846:8260B	ug/L	2	0	0	1	1	1	2	100	-	-	0	0	0	0	-	-	1	-	-	-
Methacrylonitrile	EPA:624	ug/L	1	0	0	5	5	5	1	100	-	-	0	0	0	0	-	-	1	-	-	-
Methacrylonitrile	SW-846:8260B	ug/L	2	0	0	5	5	5	2	100	-	-	0	0	0	0	-	-	1	-	-	-
Methyl Methacrylate	EPA:624	ug/L	1	0	0	5	5	5	1	100	-	-	0	0	0	0	-	-	1	-	-	-
Methyl Methacrylate	SW-846:8260B	ug/L	2	0	0	5	5	5	2	100	-	-	0	0	0	0	-	-	1	-	-	-
Methyl-2-pentanone[4-]	EPA:624	ug/L	5	0	0	5	5	5	5	100	-	-	0	0	0	0	-	-	2	-	-	-
Methyl-2-pentanone[4-]	SW-846:8260B	ug/L	2	0	0	5	5	5	2	100	-	-	0	0	0	0	-	-	1	-	-	-
Methylene Chloride	EPA:624	ug/L	5	0	0	2	3.8	5	5	100	-	-	0	0	0	0	5900	HHPU	2	-	-	-
Methylene Chloride	SW-846:8260B	ug/L	2	0	0	5	5	5	2	100	-	-	0	0	0	0	5900	HHPU	1	-	-	-
Naphthalene	EPA:624	ug/L	5	0	0	1	1	1	5	100	-	-	0	0	0	0	-	-	2	-	-	-
Naphthalene	SW-846:8260B	ug/L	2	0	0	1	1	1	2	100	-	-	0	0	0	0	-	-	1	-	-	-
Propionitrile	EPA:624	ug/L	1	0	0	5	5	5	1	100	-	-	0	0	0	0	-	-	1	-	-	-
Propionitrile	SW-846:8260B	ug/L	2	0	0	5	5	5	2	100	-	-	0	0	0	0	-	-	1	-	-	-
Propylbenzene[1-]	EPA:624	ug/L	5	0	0	1	1	1	5	100	-	-	0	0	0	0	-	-	2	-	-	-
Propylbenzene[1-]	SW-846:8260B	ug/L	2	0	0	1	1	1	2	100	-	-	0	0	0	0	-	-	1	-	-	-
Styrene	EPA:624	ug/L	5	0	0	1	1	1	5	100	-	-	0	0	0	0	-	-	2	-	-	-
Styrene	SW-846:8260B	ug/L	2	0	0	1	1	1	2	100	-	-	0	0	0	0	-	-	1	-	-	-
Tetrachloroethane[1,1,1,2-]	EPA:624	ug/L	5	0	0	1	1	1	5	100	-	-	0	0	0	0	-	-	2	-	-	-
Tetrachloroethane[1,1,1,2-]	SW-846:8260B	ug/L	2	0	0	1	1	1	2	100	-	-	0	0	0	0	-	-	1	-	-	-
Tetrachloroethane[1,1,2,2-]	EPA:624	ug/L	5	0	0	1	1	1	5	100	-	-	0	0	0	0	40	HHPU	2	-	-	-
Tetrachloroethane[1,1,2,2-]	SW-846:8260B	ug/L	2	0	0	1	1	1	2	100	-	-	0	0	0	0	40	HHPU	1	-	-	-
Tetrachloroethene	EPA:624	ug/L	5	0	0	1	1	1	5	100	-	-	0	0	0	0	33	HHPU	2	-	-	-
Tetrachloroethene	SW-846:8260B	ug/L	2	0	0	1	1	1	2	100	-	-	0	0	0	0	33	HHPU	1	-	-	-
Toluene	EPA:624	ug/L	5	0	0	0.59	0.918	1	5	100	-	-	0	0	0	0	200000	HHPU	2	-	-	-
Toluene	SW-846:8260B	ug/L	2	0	0	1	1	1	2	100	-	-	0	0	0	0	200000	HHPU	1	-	-	-
Trichloro-1,2,2-trifluoroethane[1,1,2-]	EPA:624	ug/L	4	0	0	5	5	5	4	100	-	-	0	0	0	0	-	-	2	-	-	-
Trichloro-1,2,2-trifluoroethane[1,1,2-]	SW-846:8260B	ug/L	2	0	0	5	5	5	2	100	-	-	0	0	0	0	-	-	1	-	-	-
Trichlorobenzene[1,2,3-]	EPA:624	ug/L	2	0	0	1	1	1	2	100	-	-	0	0	0	0	-	-	2	-	-	-
Trichlorobenzene[1,2,3-]	SW-846:8260B	ug/L	2	0	0	1	1	1	2	100	-	-	0	0	0	0	-	-	1	-	-	-
Trichlorobenzene[1,2,4-]	EPA:624	ug/L	1	0	0	1	1	1	1	100	-	-	0	0	0	0	-	-	1	-	-	-
Trichlorobenzene[1,2,4-]	SW-846:8260B	ug/L	2	0	0	1	1	1	2	100	-	-	0	0	0	0	-	-	1	-	-	-
Trichloroethane[1,1,1-]	EPA:624	ug/L	5	0	0	1	1	1	5	100	-	-	0	0	0	0	-	-	2	-	-	-
Trichloroethane[1,1,1-]	SW-846:8260B	ug/L	2	1	50	0.419	0.419	0.419	1	50	-	-	0	0	0	0	-	-	1	-	-	-

Table B-1
Screening Table for Los Alamos Canyon Watershed (including Pueblo Canyon)

Analyte	Method	Units	No. of Analyses	No. of Detects	D Rate %	Min	Mean	Max	No. of Non-detects	ND Rate %	BV	D> BV	ND> Std	D> Std	D> Std/2	D>Std/2 Rate %	Level	Std Type	Locations with Data (number)	D>Std (number of locations)	D>Std/2 (number of locations)	D>Std Stations
Trichloroethane[1,1,2-]	EPA:624	ug/L	5	0	0	1	1	1	5	100	-	-	0	0	0	0	160	HHPU	2	-	-	-
Trichloroethane[1,1,2-]	SW-846:8260B	ug/L	2	0	0	1	1	1	2	100	-	-	0	0	0	0	160	HHPU	1	-	-	-
Trichloroethene	EPA:624	ug/L	5	0	0	1	1	1	5	100	-	-	0	0	0	0	300	HHPU	2	-	-	-
Trichloroethene	SW-846:8260B	ug/L	2	0	0	1	1	1	2	100	-	-	0	0	0	0	300	HHPU	1	-	-	-
Trichlorofluoromethane	EPA:624	ug/L	5	0	0	1	1	1	5	100	-	-	0	0	0	0	-	-	2	-	-	-
Trichlorofluoromethane	SW-846:8260B	ug/L	2	0	0	1	1	1	2	100	-	-	0	0	0	0	-	-	1	-	-	-
Trichloropropane[1,2,3-]	EPA:624	ug/L	5	0	0	1	1	1	5	100	-	-	0	0	0	0	-	-	2	-	-	-
Trichloropropane[1,2,3-]	SW-846:8260B	ug/L	2	0	0	1	1	1	2	100	-	-	0	0	0	0	-	-	1	-	-	-
Trimethylbenzene[1,2,4-]	EPA:624	ug/L	5	0	0	1	1	1	5	100	-	-	0	0	0	0	-	-	2	-	-	-
Trimethylbenzene[1,2,4-]	SW-846:8260B	ug/L	2	0	0	1	1	1	2	100	-	-	0	0	0	0	-	-	1	-	-	-
Trimethylbenzene[1,3,5-]	EPA:624	ug/L	5	0	0	1	1	1	5	100	-	-	0	0	0	0	-	-	2	-	-	-
Trimethylbenzene[1,3,5-]	SW-846:8260B	ug/L	2	0	0	1	1	1	2	100	-	-	0	0	0	0	-	-	1	-	-	-
Vinyl acetate	EPA:624	ug/L	1	0	0	5	5	5	1	100	-	-	0	0	0	0	-	-	1	-	-	-
Vinyl acetate	SW-846:8260B	ug/L	2	0	0	5	5	5	2	100	-	-	0	0	0	0	-	-	1	-	-	-
Vinyl Chloride	EPA:624	ug/L	5	0	0	1	1	1	5	100	-	-	0	0	0	0	5300	HHPU	2	-	-	-
Vinyl Chloride	SW-846:8260B	ug/L	2	0	0	1	1	1	2	100	-	-	0	0	0	0	5300	HHPU	1	-	-	-
Xylene (Total)	EPA:624	ug/L	4	0	0	1	2	3	4	100	-	-	0	0	0	0	-	-	1	-	-	-
Xylene[1,2-]	EPA:624	ug/L	5	0	0	1	1	1	5	100	-	-	0	0	0	0	-	-	2	-	-	-
Xylene[1,2-]	SW-846:8260B	ug/L	2	0	0	1	1	1	2	100	-	-	0	0	0	0	-	-	1	-	-	-
Xylene[1,3-]+Xylene[1,4-]	EPA:624	ug/L	5	0	0	2	2	2	5	100	-	-	0	0	0	0	-	-	2	-	-	-
Xylene[1,3-]+Xylene[1,4-]	SW-846:8260B	ug/L	2	0	0	2	2	2	2	100	-	-	0	0	0	0	-	-	1	-	-	-
LA, VOA, UF, Springs																						
Acetone	SW-846:8260B	ug/L	15	1	7	5.5	5.5	5.5	14	93	-	-	0	0	0	0	5475	Reg6	4	-	-	-
Acetonitrile	SW-846:8260B	ug/L	12	0	0	25	25	25	12	100	-	-	0	0	0	0	124.1	Reg6	4	-	-	-
Acrolein	SW-846:8260B	ug/L	16	0	0	5	5	5	16	100	-	-	16	0	0	0	0.04161916	Reg6	4	-	-	-
Acrylonitrile	SW-846:8260B	ug/L	16	0	0	5	5	5	16	100	-	-	16	0	0	0	1.237239	Reg6	4	-	-	-
Benzene	SW-846:8260B	ug/L	17	0	0	1	1	1	17	100	-	-	0	0	0	0	5	MCL	4	-	-	-
Bromobenzene	SW-846:8260B	ug/L	17	0	0	1	1	1	17	100	-	-	0	0	0	0	23.25201	Reg6	4	-	-	-
Bromochloromethane	SW-846:8260B	ug/L	17	0	0	1	1	1	17	100	-	-	0	0	0	0	-	-	4	-	-	-
Bromodichloromethane	SW-846:8260B	ug/L	17	0	0	1	1	1	17	100	-	-	0	0	0	0	10.69108	Reg6	4	-	-	-
Bromoform	SW-846:8260B	ug/L	17	0	0	1	1	1	17	100	-	-	0	0	0	0	85.10321	Reg6	4	-	-	-
Bromomethane	SW-846:8260B	ug/L	16	0	0	1	1	1	16	100	-	-	0	0	0	0	8.661017	Reg6	4	-	-	-
Butanone[2-]	SW-846:8260B	ug/L	17	1	6	1.76	1.76	1.76	16	94	-	-	0	0	0	0	7064.516	Reg6	4	-	-	-
Butylbenzene[n-]	SW-846:8260B	ug/L	17	0	0	1	1	1	17	100	-	-	0	0	0	0	60.83333	Reg6	4	-	-	-
Butylbenzene[sec-]	SW-846:8260B	ug/L	17	0	0	1	1	1	17	100	-	-	0	0	0	0	60.83333	Reg6	4	-	-	-
Butylbenzene[tert-]	SW-846:8260B	ug/L	17	0	0	1	1	1	17	100	-	-	0	0	0	0	60.83333	Reg6	4	-	-	-
Carbon Disulfide	SW-846:8260B	ug/L	17	0	0	5	5	5	17	100	-	-	0	0	0	0	1042.857	Reg6	4	-	-	-
Carbon Tetrachloride	SW-846:8260B	ug/L	17	0	0	1	1	1	17	100	-	-	0	0	0	0	5	MCL	4	-	-	-
Chloro-1,3-butadiene[2-]	SW-846:8260B	ug/L	12	0	0	1	1	1	12	100	-	-	0	0	0	0	14.31373	Reg6	4	-	-	-
Chloro-1-propene[3-]	SW-846:8260B	ug/L	12	0	0	5	5	5	12	100	-	-	0	0	0	0	1825	Reg6	4	-	-	-
Chlorobenzene	SW-846:8260B	ug/L	17	0	0	0.59	0.97588	1	17	100	-	-	0	0	0	0	100	MCL	4	-	-	-
Chlorodibromomethane	SW-846:8260B	ug/L	17	0	0	1	1	1	17	100	-	-	0	0	0	0	7.891034	Reg6	4	-	-	-
Chloroethane	SW-846:8260B	ug/L	17	0	0	1	1	1	17	100	-	-	0	0	0	0	228.5679	Reg6	4	-	-	-
Chloroform	SW-846:8260B	ug/L	17	0	0	1	1	1	17	100	-	-	0	0	0	0	60	MCL	4	-	-	-
Chloromethane	SW-846:8260B	ug/L	17	0	0	1	1	1	17	100	-	-	0	0	0	0	21.34503	Reg6	4	-	-	-
Chlorotoluene[2-]	SW-846:8260B	ug/L	17	0	0	1	1	1	17	100	-	-	0	0	0	0	121.6667	Reg6	4	-	-	-
Chlorotoluene[4-]	SW-846:8260B	ug/L	17	0	0	1	1	1	17	100	-	-	0	0	0	0	-	-	4	-	-	-
Dibromo-3-Chloropropane[1,2-]	SW-846:8260B	ug/L	17	0	0	1	1	1	17	100	-	-	17	0	0	0	0.2	MCL	4	-	-	-
Dibromoethane[1,2-]	SW-846:8260B	ug/L	17	0	0	1	1	1	17	100	-	-	17	0	0	0	0.05	MCL	4	-	-	-
Dibromomethane	SW-846:8260B	ug/L	17	0	0	1	1	1	17	100	-	-	0	0	0	0	60.83333	Reg6	4	-	-	-
Dichlorobenzene[1,2-]	SW-846:8260B	ug/L	17	0	0	1	1	1	17	100	-	-	0	0	0	0	-	-	4	-	-	-
Dichlorobenzene[1,3-]	SW-846:8260B	ug/L	17	0	0	1	1	1	17	100	-	-	0	0	0	0	-	-	4	-	-	-
Dichlorobenzene[1,4-]	SW-846:8260B	ug/L	17	0	0	0.36	0.96235	1	17	100	-	-	0	0	0	0	-	-	4	-	-	-
Dichlorodifluoromethane	SW-846:8260B	ug/L	17	0	0	1	1	1	17	100	-	-	0	0	0	0	394.5946	Reg6	4	-	-	-
Dichloroethane[1,1-]	SW-846:8260B	ug/L	17	0	0	1	1	1	17	100	-	-	0	0	0	0	25	NMGSU	4	-	-	-
Dichloroethane[1,2-]	SW-846:8260B	ug/L	17	0	0	1	1	1	17	100	-	-	0	0	0	0	5	MCL	4	-	-	-
Dichloroethene[1,1-]	SW-846:8260B	ug/L	17	0	0	1	1	1	17	100	-	-	0	0	0	0	5	NMGSU	4	-	-	-
Dichloroethene[cis-1,2-]	SW-846:8260B	ug/L	13	0	0	1	1	1	13	100	-	-	0	0	0	0	70	MCL	4	-	-	-
Dichloroethene[trans-1,2-]	SW-846:8260B	ug/L	17	0	0	1	1	1	17	100	-	-	0	0	0	0	100	MCL	4	-	-	-
Dichloropropane[1,2-]	SW-846:8260B	ug/L	17	0	0	1	1	1	17	100	-	-	0	0	0	0	5	MCL	4	-	-	-

Table B-1
Screening Table for Los Alamos Canyon Watershed (including Pueblo Canyon)

Analyte	Method	Units	No. of Analyses	No. of Detects	D Rate %	Min	Mean	Max	No. of Non-detects	ND Rate %	BV	D> BV	ND> Std	D> Std	D> Std/2	D>Std/2 Rate %	Level	Std Type	Locations with Data (number)	D>Std (number of locations)	D>Std/2 (number of locations)	D>Std Stations
Dichloropropane[1,3-]	SW-846:8260B	ug/L	17	0	0	1	1	1	17	100	-	-	0	0	0	0	-	-	4	-	-	-
Dichloropropane[2,2-]	SW-846:8260B	ug/L	17	0	0	1	1	1	17	100	-	-	0	0	0	0	-	-	4	-	-	-
Dichloropropene[1,1-]	SW-846:8260B	ug/L	17	0	0	1	1	1	17	100	-	-	0	0	0	0	-	-	4	-	-	-
Dichloropropene[cis-1,3-]	SW-846:8260B	ug/L	17	0	0	1	1	1	17	100	-	-	0	0	0	0	-	-	4	-	-	-
Dichloropropene[trans-1,3-]	SW-846:8260B	ug/L	17	0	0	1	1	1	17	100	-	-	0	0	0	0	-	-	4	-	-	-
Ethyl Methacrylate	SW-846:8260B	ug/L	12	0	0	5	5	5	12	100	-	-	0	0	0	0	547.5	Reg6	4	-	-	-
Ethylbenzene	SW-846:8260B	ug/L	17	0	0	1	1	1	17	100	-	-	0	0	0	0	700	MCL	4	-	-	-
Hexachlorobutadiene	SW-846:8260B	ug/L	16	0	0	1	1	1	16	100	-	-	0	0	0	0	-	-	4	-	-	-
Hexanone[2-]	SW-846:8260B	ug/L	17	0	0	5	5	5	17	100	-	-	0	0	0	0	-	-	4	-	-	-
Iodomethane	SW-846:8260B	ug/L	17	0	0	5	5	5	17	100	-	-	0	0	0	0	-	-	4	-	-	-
Isobutyl alcohol	SW-846:8260B	ug/L	9	0	0	50	50	50	9	100	-	-	0	0	0	0	1825	Reg6	4	-	-	-
Isopropylbenzene	SW-846:8260B	ug/L	17	0	0	1	1	1	17	100	-	-	0	0	0	0	658.1967	Reg6	4	-	-	-
Isopropyltoluene[4-]	SW-846:8260B	ug/L	17	0	0	1	1	1	17	100	-	-	0	0	0	0	-	-	4	-	-	-
Methacrylonitrile	SW-846:8260B	ug/L	12	0	0	5	5	5	12	100	-	-	12	0	0	0	1.042857	Reg6	4	-	-	-
Methyl Methacrylate	SW-846:8260B	ug/L	12	0	0	5	5	5	12	100	-	-	0	0	0	0	1419.444	Reg6	4	-	-	-
Methyl-2-pentanone[4-]	SW-846:8260B	ug/L	17	0	0	5	5	5	17	100	-	-	0	0	0	0	1990.909	Reg6	4	-	-	-
Methylene Chloride	SW-846:8260B	ug/L	17	0	0	5	5.04118	5.7	17	100	-	-	1	0	0	0	5	MCL	4	-	-	-
Naphthalene	SW-846:8260B	ug/L	16	0	0	0.284	0.95525	1	16	100	-	-	0	0	0	0	-	-	4	-	-	-
Propionitrile	SW-846:8260B	ug/L	12	0	0	5	5	5	12	100	-	-	0	0	0	0	-	-	4	-	-	-
Propylbenzene[1-]	SW-846:8260B	ug/L	17	0	0	1	1	1	17	100	-	-	0	0	0	0	60.83333	Reg6	4	-	-	-
Styrene	SW-846:8260B	ug/L	17	0	0	1	1	1	17	100	-	-	0	0	0	0	100	MCL	4	-	-	-
Tetrachloroethane[1,1,1,2-]	SW-846:8260B	ug/L	17	0	0	1	1	1	17	100	-	-	0	0	0	0	25.49549	Reg6	4	-	-	-
Tetrachloroethane[1,1,2,2-]	SW-846:8260B	ug/L	17	0	0	1	1	1	17	100	-	-	0	0	0	0	10	NMGSU	4	-	-	-
Tetrachloroethene	SW-846:8260B	ug/L	17	0	0	1	1	1	17	100	-	-	0	0	0	0	5	MCL	4	-	-	-
Toluene	SW-846:8260B	ug/L	17	2	12	1.41	1.515	1.62	15	88	-	-	0	0	0	0	750	NMGSU	4	-	-	-
Trichloro-1,2,2-trifluoroethane[1,1,2-]	SW-846:8260B	ug/L	16	0	0	5	5	5	16	100	-	-	0	0	0	0	59179.86	Reg6	4	-	-	-
Trichlorobenzene[1,2,3-]	SW-846:8260B	ug/L	13	0	0	1	1	1	13	100	-	-	0	0	0	0	-	-	4	-	-	-
Trichlorobenzene[1,2,4-]	SW-846:8260B	ug/L	12	0	0	1	1	1	12	100	-	-	0	0	0	0	-	-	4	-	-	-
Trichloroethane[1,1,1-]	SW-846:8260B	ug/L	17	0	0	1	1	1	17	100	-	-	0	0	0	0	60	NMGSU	4	-	-	-
Trichloroethane[1,1,2-]	SW-846:8260B	ug/L	17	0	0	1	1	1	17	100	-	-	0	0	0	0	5	MCL	4	-	-	-
Trichloroethene	SW-846:8260B	ug/L	17	0	0	1	1	1	17	100	-	-	0	0	0	0	5	MCL	4	-	-	-
Trichlorofluoromethane	SW-846:8260B	ug/L	17	0	0	1	1	1	17	100	-	-	0	0	0	0	5	MCL	4	-	-	-
Trichloropropane[1,2,3-]	SW-846:8260B	ug/L	17	0	0	1	1	1	17	100	-	-	17	0	0	0	0.09469241	Reg6	4	-	-	-
Trimethylbenzene[1,2,4-]	SW-846:8260B	ug/L	17	0	0	1	1	1	17	100	-	-	0	0	0	0	12.42906	Reg6	4	-	-	-
Trimethylbenzene[1,3,5-]	SW-846:8260B	ug/L	17	0	0	1	1	1	17	100	-	-	0	0	0	0	12.32618	Reg6	4	-	-	-
Vinyl acetate	SW-846:8260B	ug/L	9	0	0	5	5	5	9	100	-	-	0	0	0	0	412.4294	Reg6	4	-	-	-
Vinyl Chloride	SW-846:8260B	ug/L	17	0	0	1	1	1	17	100	-	-	0	0	0	0	1	NMGSU	4	-	-	-
Xylene (Total)	SW-846:8260B	ug/L	4	0	0	1	1.5	3	4	100	-	-	0	0	0	0	10000	MCL	2	-	-	-
Xylene[1,2-]	SW-846:8260B	ug/L	17	0	0	1	1	1	17	100	-	-	0	0	0	0	1431.373	Reg6	4	-	-	-
Xylene[1,3-]+Xylene[1,4-]	SW-846:8260B	ug/L	17	0	0	2	2	2	17	100	-	-	0	0	0	0	-	-	4	-	-	-
LA, VOA, UF, Alluvial																						
Acetone	SW-846:8260B	ug/L	59	8	14	1.65	3.98625	11.2	51	86	-	-	0	0	0	0	5475	Reg6	16	-	-	-
Acetonitrile	SW-846:8260B	ug/L	38	2	5	7.95	8.16	8.37	36	95	-	-	0	0	0	0	124.1	Reg6	16	-	-	-
Acrolein	SW-846:8260B	ug/L	54	0	0	5	5	5	54	100	-	-	54	0	0	0	0.04161916	Reg6	16	-	-	-
Acrylonitrile	SW-846:8260B	ug/L	54	0	0	5	5	5	54	100	-	-	54	0	0	0	1.237239	Reg6	16	-	-	-
Benzene	SW-846:8260B	ug/L	59	0	0	1	1	1	59	100	-	-	0	0	0	0	5	MCL	16	-	-	-
Bromobenzene	SW-846:8260B	ug/L	59	0	0	1	1	1	59	100	-	-	0	0	0	0	23.25201	Reg6	16	-	-	-
Bromochloromethane	SW-846:8260B	ug/L	59	0	0	1	1	1	59	100	-	-	0	0	0	0	-	-	16	-	-	-
Bromodichloromethane	SW-846:8260B	ug/L	59	0	0	1	1	1	59	100	-	-	0	0	0	0	10.69108	Reg6	16	-	-	-
Bromoform	SW-846:8260B	ug/L	59	0	0	1	1	1	59	100	-	-	0	0	0	0	85.10321	Reg6	16	-	-	-
Bromomethane	SW-846:8260B	ug/L	55	0	0	1	1	1	55	100	-	-	0	0	0	0	8.661017	Reg6	16	-	-	-
Butanol[1-]	SW-846:8260B	ug/L	11	0	0	50	50	50	11	100	-	-	0	0	0	0	3650	Reg6	11	-	-	-
Butanone[2-]	SW-846:8260B	ug/L	59	1	2	3.45	3.45	3.45	58	98	-	-	0	0	0	0	7064.516	Reg6	16	-	-	-
Butylbenzene[n-]	SW-846:8260B	ug/L	59	0	0	1	1	1	59	100	-	-	0	0	0	0	60.83333	Reg6	16	-	-	-
Butylbenzene[sec-]	SW-846:8260B	ug/L	59	0	0	1	1	1	59	100	-	-	0	0	0	0	60.83333	Reg6	16	-	-	-
Butylbenzene[tert-]	SW-846:8260B	ug/L	59	0	0	1	1	1	59	100	-	-	0	0	0	0	60.83333	Reg6	16	-	-	-
Carbon Disulfide	SW-846:8260B	ug/L	59	2	3	2.8	4.1	5.4	57	97	-	-	0	0	0	0	1042.857	Reg6	16	-	-	-
Carbon Tetrachloride	SW-846:8260B	ug/L	59	0	0	1	1	1	59	100	-	-	0	0	0	0	5	MCL	16	-	-	-
Chloro-1,3-butadiene[2-]	SW-846:8260B	ug/L	38	0	0	1	1	1	38	100	-	-	0	0	0	0	14.31373	Reg6	16	-	-	-
Chloro-1-propene[3-]	SW-846:8260B	ug/L	38	0	0	5	5	5	38	100	-	-	0	0	0	0	1825	Reg6	16	-	-	-

Table B-1
Screening Table for Los Alamos Canyon Watershed (including Pueblo Canyon)

Analyte	Method	Units	No. of Analyses	No. of Detects	D Rate %	Min	Mean	Max	No. of Non-detects	ND Rate %	BV	D> BV	ND> Std	D> Std	D> Std/2	D>Std/2 Rate %	Level	Std Type	Locations with Data (number)	D>Std (number of locations)	D>Std/2 (number of locations)	D>Std Stations
Chlorobenzene	SW-846:8260B	ug/L	59	0	0	0.54	0.97949	1	59	100	-	-	0	0	0	0	100	MCL	16	-	-	-
Chlorodibromomethane	SW-846:8260B	ug/L	59	0	0	1	1	1	59	100	-	-	0	0	0	0	7.891034	Reg6	16	-	-	-
Chloroethane	SW-846:8260B	ug/L	59	0	0	1	1	1	59	100	-	-	0	0	0	0	228.5679	Reg6	16	-	-	-
Chloroethyl vinyl ether[2-]	SW-846:8260B	ug/L	11	0	0	5	5	5	11	100	-	-	0	0	0	0	-	-	10	-	-	-
Chloroform	SW-846:8260B	ug/L	59	3	5	0.41	0.45967	0.502	56	95	-	-	0	0	0	0	60	MCL	16	-	-	-
Chloromethane	SW-846:8260B	ug/L	59	1	2	2.4	2.4	2.4	58	98	-	-	0	0	0	0	21.34503	Reg6	16	-	-	-
Chlorotoluene[2-]	SW-846:8260B	ug/L	59	0	0	1	1	1	59	100	-	-	0	0	0	0	121.6667	Reg6	16	-	-	-
Chlorotoluene[4-]	SW-846:8260B	ug/L	59	0	0	1	1	1	59	100	-	-	0	0	0	0	-	-	16	-	-	-
Dibromo-3-Chloropropane[1,2-]	SW-846:8260B	ug/L	59	0	0	1	1	1	59	100	-	-	59	0	0	0	0.2	MCL	16	-	-	-
Dibromoethane[1,2-]	SW-846:8260B	ug/L	59	0	0	1	1	1	59	100	-	-	59	0	0	0	0.05	MCL	16	-	-	-
Dibromomethane	SW-846:8260B	ug/L	59	0	0	1	1	1	59	100	-	-	0	0	0	0	60.83333	Reg6	16	-	-	-
Dichlorobenzene[1,2-]	SW-846:8260B	ug/L	59	0	0	1	1	1	59	100	-	-	0	0	0	0	-	-	16	-	-	-
Dichlorobenzene[1,3-]	SW-846:8260B	ug/L	59	0	0	1	1	1	59	100	-	-	0	0	0	0	-	-	16	-	-	-
Dichlorobenzene[1,4-]	SW-846:8260B	ug/L	59	0	0	0.38	0.98051	1	59	100	-	-	0	0	0	0	-	-	16	-	-	-
Dichlorodifluoromethane	SW-846:8260B	ug/L	59	0	0	1	1	1	59	100	-	-	0	0	0	0	394.5946	Reg6	16	-	-	-
Dichloroethane[1,1-]	SW-846:8260B	ug/L	59	0	0	1	1	1	59	100	-	-	0	0	0	0	25	NMGSU	16	-	-	-
Dichloroethane[1,2-]	SW-846:8260B	ug/L	59	0	0	1	1	1	59	100	-	-	0	0	0	0	5	MCL	16	-	-	-
Dichloroethene[1,1-]	SW-846:8260B	ug/L	59	1	2	4.33	4.33	4.33	58	98	-	-	0	0	1	2	5	NMGSU	16	-	1	-
Dichloroethene[cis-1,2-]	SW-846:8260B	ug/L	43	0	0	1	1	1	43	100	-	-	0	0	0	0	70	MCL	16	-	-	-
Dichloroethene[trans-1,2-]	SW-846:8260B	ug/L	59	0	0	1	1	1	59	100	-	-	0	0	0	0	100	MCL	16	-	-	-
Dichloropropane[1,2-]	SW-846:8260B	ug/L	59	0	0	1	1	1	59	100	-	-	0	0	0	0	5	MCL	16	-	-	-
Dichloropropane[1,3-]	SW-846:8260B	ug/L	59	0	0	1	1	1	59	100	-	-	0	0	0	0	-	-	16	-	-	-
Dichloropropane[2,2-]	SW-846:8260B	ug/L	59	0	0	1	1	1	59	100	-	-	0	0	0	0	-	-	16	-	-	-
Dichloropropene[1,1-]	SW-846:8260B	ug/L	59	0	0	1	1	1	59	100	-	-	0	0	0	0	-	-	16	-	-	-
Dichloropropene[cis/trans-1,3-]	SW-846:8260B	ug/L	12	0	0	1	1	1	12	100	-	-	0	0	0	0	6.709735	Reg6	12	-	-	-
Dichloropropene[cis-1,3-]	SW-846:8260B	ug/L	59	0	0	1	1	1	59	100	-	-	0	0	0	0	-	-	16	-	-	-
Dichloropropene[trans-1,3-]	SW-846:8260B	ug/L	59	0	0	1	1	1	59	100	-	-	0	0	0	0	-	-	16	-	-	-
Diethyl Ether	SW-846:8260B	ug/L	13	0	0	1	1	1	13	100	-	-	0	0	0	0	-	-	13	-	-	-
Ethyl Methacrylate	SW-846:8260B	ug/L	38	0	0	5	5	5	38	100	-	-	0	0	0	0	547.5	Reg6	16	-	-	-
Ethylbenzene	SW-846:8260B	ug/L	59	0	0	1	1	1	59	100	-	-	0	0	0	0	700	MCL	16	-	-	-
Hexachlorobutadiene	SW-846:8260B	ug/L	54	0	0	1	1	1	54	100	-	-	0	0	0	0	-	-	16	-	-	-
Hexanone[2-]	SW-846:8260B	ug/L	59	0	0	5	5	5	59	100	-	-	0	0	0	0	-	-	16	-	-	-
Iodomethane	SW-846:8260B	ug/L	59	0	0	5	5	5	59	100	-	-	0	0	0	0	-	-	16	-	-	-
Isobutyl alcohol	SW-846:8260B	ug/L	29	0	0	50	50	50	29	100	-	-	0	0	0	0	1825	Reg6	16	-	-	-
Isopropylbenzene	SW-846:8260B	ug/L	59	0	0	1	1	1	59	100	-	-	0	0	0	0	658.1967	Reg6	16	-	-	-
Isopropyltoluene[4-]	SW-846:8260B	ug/L	59	2	3	0.46	0.78	1.1	57	97	-	-	0	0	0	0	-	-	16	-	-	-
Methacrylonitrile	SW-846:8260B	ug/L	38	0	0	5	5	5	38	100	-	-	38	0	0	0	1.042857	Reg6	16	-	-	-
Methyl Methacrylate	SW-846:8260B	ug/L	38	0	0	5	5	5	38	100	-	-	0	0	0	0	1419.444	Reg6	16	-	-	-
Methyl tert-Butyl Ether	SW-846:8260B	ug/L	13	0	0	1	1	1	13	100	-	-	0	0	0	0	370.8305	Reg6	13	-	-	-
Methyl-2-pentanone[4-]	SW-846:8260B	ug/L	59	0	0	5	5	5	59	100	-	-	0	0	0	0	1990.909	Reg6	16	-	-	-
Methylene Chloride	SW-846:8260B	ug/L	59	0	0	2.35	5.33203	11.7	59	100	-	-	4	0	0	0	5	MCL	16	-	-	-
Naphthalene	SW-846:8260B	ug/L	54	0	0	0.726	0.99493	1	54	100	-	-	0	0	0	0	-	-	16	-	-	-
Propionitrile	SW-846:8260B	ug/L	38	0	0	5	5	5	38	100	-	-	0	0	0	0	-	-	16	-	-	-
Propylbenzene[1-]	SW-846:8260B	ug/L	59	0	0	1	1	1	59	100	-	-	0	0	0	0	60.83333	Reg6	16	-	-	-
Styrene	SW-846:8260B	ug/L	59	0	0	1	1	1	59	100	-	-	0	0	0	0	100	MCL	16	-	-	-
Tetrachloroethane[1,1,1,2-]	SW-846:8260B	ug/L	59	0	0	1	1	1	59	100	-	-	0	0	0	0	25.49549	Reg6	16	-	-	-
Tetrachloroethane[1,1,2,2-]	SW-846:8260B	ug/L	59	0	0	1	1	1	59	100	-	-	0	0	0	0	10	NMGSU	16	-	-	-
Tetrachloroethene	SW-846:8260B	ug/L	59	0	0	1	1	1	59	100	-	-	0	0	0	0	5	MCL	16	-	-	-
Toluene	SW-846:8260B	ug/L	59	0	0	1	1	1	59	100	-	-	0	0	0	0	750	NMGSU	16	-	-	-
Trichloro-1,2,2-trifluoroethane[1,1,2-]	SW-846:8260B	ug/L	54	0	0	5	5	5	54	100	-	-	0	0	0	0	59179.86	Reg6	16	-	-	-
Trichlorobenzene[1,2,3-]	SW-846:8260B	ug/L	40	0	0	1	1	1	40	100	-	-	0	0	0	0	-	-	16	-	-	-
Trichlorobenzene[1,2,4-]	SW-846:8260B	ug/L	38	0	0	1	1	1	38	100	-	-	0	0	0	0	-	-	16	-	-	-
Trichloroethane[1,1,1-]	SW-846:8260B	ug/L	59	0	0	1	1	1	59	100	-	-	0	0	0	0	60	NMGSU	16	-	-	-
Trichloroethane[1,1,2-]	SW-846:8260B	ug/L	59	0	0	1	1	1	59	100	-	-	0	0	0	0	5	MCL	16	-	-	-
Trichloroethene	SW-846:8260B	ug/L	59	0	0	1	1	1	59	100	-	-	0	0	0	0	5	MCL	16	-	-	-
Trichlorofluoromethane	SW-846:8260B	ug/L	59	0	0	1	1	1	59	100	-	-	0	0	0	0	5	MCL	16	-	-	-
Trichloropropane[1,2,3-]	SW-846:8260B	ug/L	59	0	0	1	1	1	59	100	-	-	59	0	0	0	0.09469241	Reg6	16	-	-	-
Trimethylbenzene[1,2,4-]	SW-846:8260B	ug/L	59	0	0	1	1	1	59	100	-	-	0	0	0	0	12.42906	Reg6	16	-	-	-
Trimethylbenzene[1,3,5-]	SW-846:8260B	ug/L	59	0	0	1	1	1	59	100	-	-	0	0	0	0	12.32618	Reg6	16	-	-	-
Vinyl acetate	SW-846:8260B	ug/L	38	0	0	5	5	5	38	100	-	-	0	0	0	0	412.4294	Reg6	16	-	-	-

Table B-1
Screening Table for Los Alamos Canyon Watershed (including Pueblo Canyon)

Analyte	Method	Units	No. of Analyses	No. of Detects	D Rate %	Min	Mean	Max	No. of Non-detects	ND Rate %	BV	D> BV	ND> Std	D> Std	D> Std/2	D>Std/2 Rate %	Level	Std Type	Locations with Data (number)	D>Std (number of locations)	D>Std/2 (number of locations)	D>Std Stations
Vinyl Chloride	SW-846:8260B	ug/L	59	0	0	1	1	1	59	100	-	-	0	0	0	0	1	NMGSU	16	-	-	-
Xylene (Total)	SW-846:8260B	ug/L	17	0	0	1	1.35294	3	17	100	-	-	0	0	0	0	10000	MCL	7	-	-	-
Xylene[1,2-]	SW-846:8260B	ug/L	59	0	0	1	1	1	59	100	-	-	0	0	0	0	1431.373	Reg6	16	-	-	-
Xylene[1,3-]+Xylene[1,4-]	SW-846:8260B	ug/L	59	0	0	2	2	2	59	100	-	-	0	0	0	0	-	-	16	-	-	-
LA, VOA, UF, Intermediate																						
Acetone	SW-846:8260B	ug/L	52	8	15	1.46	2.2625	3.72	44	85	-	-	0	0	0	0	5475	Reg6	11	-	-	-
Acetonitrile	SW-846:8260B	ug/L	44	0	0	25	25	25	44	100	-	-	0	0	0	0	124.1	Reg6	10	-	-	-
Acrolein	SW-846:8260B	ug/L	51	0	0	5	5	5	51	100	-	-	51	0	0	0	0.04161916	Reg6	11	-	-	-
Acrylonitrile	SW-846:8260B	ug/L	51	0	0	5	5	5	51	100	-	-	51	0	0	0	1.237239	Reg6	11	-	-	-
Benzene	SW-846:8260B	ug/L	58	0	0	1	1	1	58	100	-	-	0	0	0	0	5	MCL	11	-	-	-
Bromobenzene	SW-846:8260B	ug/L	58	0	0	1	1	1	58	100	-	-	0	0	0	0	23.25201	Reg6	11	-	-	-
Bromochloromethane	SW-846:8260B	ug/L	58	0	0	1	1	1	58	100	-	-	0	0	0	0	-	-	11	-	-	-
Bromodichloromethane	SW-846:8260B	ug/L	58	0	0	1	1	1	58	100	-	-	0	0	0	0	10.69108	Reg6	11	-	-	-
Bromoform	SW-846:8260B	ug/L	58	0	0	1	1	1	58	100	-	-	0	0	0	0	85.10321	Reg6	11	-	-	-
Bromomethane	SW-846:8260B	ug/L	57	0	0	1	1	1	57	100	-	-	0	0	0	0	8.661017	Reg6	11	-	-	-
Butanol[1-]	SW-846:8260B	ug/L	9	0	0	50	50	50	9	100	-	-	0	0	0	0	3650	Reg6	8	-	-	-
Butanone[2-]	SW-846:8260B	ug/L	58	0	0	5	5	5	58	100	-	-	0	0	0	0	7064.516	Reg6	11	-	-	-
Butylbenzene[n-]	SW-846:8260B	ug/L	58	0	0	1	1	1	58	100	-	-	0	0	0	0	60.83333	Reg6	11	-	-	-
Butylbenzene[sec-]	SW-846:8260B	ug/L	58	0	0	1	1	1	58	100	-	-	0	0	0	0	60.83333	Reg6	11	-	-	-
Butylbenzene[tert-]	SW-846:8260B	ug/L	58	0	0	1	1	1	58	100	-	-	0	0	0	0	60.83333	Reg6	11	-	-	-
Carbon Disulfide	SW-846:8260B	ug/L	56	1	2	1.81	1.81	1.81	55	98	-	-	0	0	0	0	1042.857	Reg6	11	-	-	-
Carbon Tetrachloride	SW-846:8260B	ug/L	58	0	0	1	1	1	58	100	-	-	0	0	0	0	5	MCL	11	-	-	-
Chloro-1,3-butadiene[2-]	SW-846:8260B	ug/L	46	0	0	1	1	1	46	100	-	-	0	0	0	0	14.31373	Reg6	10	-	-	-
Chloro-1-propene[3-]	SW-846:8260B	ug/L	46	0	0	5	5	5	46	100	-	-	0	0	0	0	1825	Reg6	10	-	-	-
Chlorobenzene	SW-846:8260B	ug/L	58	0	0	1	1	1	58	100	-	-	0	0	0	0	100	MCL	11	-	-	-
Chlorodibromomethane	SW-846:8260B	ug/L	58	0	0	1	1	1	58	100	-	-	0	0	0	0	7.891034	Reg6	11	-	-	-
Chloroethane	SW-846:8260B	ug/L	58	0	0	1	1	1	58	100	-	-	0	0	0	0	228.5679	Reg6	11	-	-	-
Chloroethyl vinyl ether[2-]	SW-846:8260B	ug/L	9	0	0	5	5	5	9	100	-	-	0	0	0	0	-	-	7	-	-	-
Chloroform	SW-846:8260B	ug/L	58	5	9	0.264	0.2952	0.365	53	91	-	-	0	0	0	0	60	MCL	11	-	-	-
Chloromethane	SW-846:8260B	ug/L	58	0	0	1	1	1	58	100	-	-	0	0	0	0	21.34503	Reg6	11	-	-	-
Chlorotoluene[2-]	SW-846:8260B	ug/L	58	0	0	1	1	1	58	100	-	-	0	0	0	0	121.6667	Reg6	11	-	-	-
Chlorotoluene[4-]	SW-846:8260B	ug/L	58	0	0	1	1	1	58	100	-	-	0	0	0	0	-	-	11	-	-	-
Dibromo-3-Chloropropane[1,2-]	SW-846:8260B	ug/L	58	0	0	1	1	1	58	100	-	-	58	0	0	0	0.2	MCL	11	-	-	-
Dibromoethane[1,2-]	SW-846:8260B	ug/L	58	0	0	1	1	1	58	100	-	-	58	0	0	0	0.05	MCL	11	-	-	-
Dibromomethane	SW-846:8260B	ug/L	58	0	0	1	1	1	58	100	-	-	0	0	0	0	60.83333	Reg6	11	-	-	-
Dichlorobenzene[1,2-]	SW-846:8260B	ug/L	58	0	0	1	1	1	58	100	-	-	0	0	0	0	-	-	11	-	-	-
Dichlorobenzene[1,3-]	SW-846:8260B	ug/L	58	0	0	1	1	1	58	100	-	-	0	0	0	0	-	-	11	-	-	-
Dichlorobenzene[1,4-]	SW-846:8260B	ug/L	58	0	0	1	1	1	58	100	-	-	0	0	0	0	-	-	11	-	-	-
Dichlorodifluoromethane	SW-846:8260B	ug/L	58	0	0	1	1	1	58	100	-	-	0	0	0	0	394.5946	Reg6	11	-	-	-
Dichloroethane[1,1-]	SW-846:8260B	ug/L	58	0	0	1	1	1	58	100	-	-	0	0	0	0	25	NMGSU	11	-	-	-
Dichloroethane[1,2-]	SW-846:8260B	ug/L	58	0	0	1	1	1	58	100	-	-	0	0	0	0	5	MCL	11	-	-	-
Dichloroethene[1,1-]	SW-846:8260B	ug/L	58	0	0	1	1	1	58	100	-	-	0	0	0	0	5	NMGSU	11	-	-	-
Dichloroethene[cis-1,2-]	SW-846:8260B	ug/L	53	0	0	1	1	1	53	100	-	-	0	0	0	0	70	MCL	11	-	-	-
Dichloroethene[trans-1,2-]	SW-846:8260B	ug/L	58	0	0	1	1	1	58	100	-	-	0	0	0	0	100	MCL	11	-	-	-
Dichloropropane[1,2-]	SW-846:8260B	ug/L	58	0	0	1	1	1	58	100	-	-	0	0	0	0	5	MCL	11	-	-	-
Dichloropropane[1,3-]	SW-846:8260B	ug/L	58	0	0	1	1	1	58	100	-	-	0	0	0	0	-	-	11	-	-	-
Dichloropropane[2,2-]	SW-846:8260B	ug/L	58	0	0	1	1	1	58	100	-	-	0	0	0	0	-	-	11	-	-	-
Dichloropropene[1,1-]	SW-846:8260B	ug/L	58	0	0	1	1	1	58	100	-	-	0	0	0	0	-	-	11	-	-	-
Dichloropropene[cis/trans-1,3-]	SW-846:8260B	ug/L	8	0	0	1	1	1	8	100	-	-	0	0	0	0	6.709735	Reg6	7	-	-	-
Dichloropropene[cis-1,3-]	SW-846:8260B	ug/L	58	0	0	1	1	1	58	100	-	-	0	0	0	0	-	-	11	-	-	-
Dichloropropene[trans-1,3-]	SW-846:8260B	ug/L	58	0	0	1	1	1	58	100	-	-	0	0	0	0	-	-	11	-	-	-
Diethyl Ether	SW-846:8260B	ug/L	10	0	0	1	1	1	10	100	-	-	0	0	0	0	-	-	8	-	-	-
Dioxane[1,4-]	SW-846:8260B	ug/L	3	0	0	50	50	50	3	100	-	-	0	0	0	0	-	-	3	-	-	-
Ethyl Methacrylate	SW-846:8260B	ug/L	46	0	0	5	5	5	46	100	-	-	0	0	0	0	547.5	Reg6	10	-	-	-
Ethylbenzene	SW-846:8260B	ug/L	58	0	0	1	1	1	58	100	-	-	0	0	0	0	700	MCL	11	-	-	-
Hexachlorobutadiene	SW-846:8260B	ug/L	51	0	0	1	1	1	51	100	-	-	0	0	0	0	-	-	11	-	-	-
Hexanone[2-]	SW-846:8260B	ug/L	58	0	0	5	5	5	58	100	-	-	0	0	0	0	-	-	11	-	-	-
Iodomethane	SW-846:8260B	ug/L	58	0	0	5	5	5	58	100	-	-	0	0	0	0	-	-	11	-	-	-
Isobutyl alcohol	SW-846:8260B	ug/L	41	0	0	50	50	50	41	100	-	-	0	0	0	0	1825	Reg6	10	-	-	-
Isopropylbenzene	SW-846:8260B	ug/L	58	0	0	1	1	1	58	100	-	-	0	0	0	0	658.1967	Reg6	11	-	-	-

Table B-1
Screening Table for Los Alamos Canyon Watershed (including Pueblo Canyon)

Analyte	Method	Units	No. of Analyses	No. of Detects	D Rate %	Min	Mean	Max	No. of Non-detects	ND Rate %	BV	D> BV	ND> Std	D> Std	D> Std/2	D>Std/2 Rate %	Level	Std Type	Locations with Data (number)	D>Std (number of locations)	D>Std/2 (number of locations)	D>Std Stations
Isopropyltoluene[4-]	SW-846:8260B	ug/L	58	0	0	1	1	1	58	100	-	-	0	0	0	0	-	-	11	-	-	-
Methacrylonitrile	SW-846:8260B	ug/L	46	0	0	5	5	5	46	100	-	-	46	0	0	0	1.042857	Reg6	10	-	-	-
Methyl Methacrylate	SW-846:8260B	ug/L	46	0	0	5	5	5	46	100	-	-	0	0	0	0	1419.444	Reg6	10	-	-	-
Methyl tert-Butyl Ether	SW-846:8260B	ug/L	10	0	0	1	1	1	10	100	-	-	0	0	0	0	370.8305	Reg6	8	-	-	-
Methyl-2-pentanone[4-]	SW-846:8260B	ug/L	58	0	0	5	5	5	58	100	-	-	0	0	0	0	1990.909	Reg6	11	-	-	-
Methylene Chloride	SW-846:8260B	ug/L	58	1	2	4.4	4.4	4.4	57	98	-	-	2	0	1	2	5	MCL	11	-	1	-
Naphthalene	SW-846:8260B	ug/L	49	0	0	1	1	1	49	100	-	-	0	0	0	0	-	-	11	-	-	-
Propionitrile	SW-846:8260B	ug/L	46	0	0	5	5	5	46	100	-	-	0	0	0	0	-	-	10	-	-	-
Propylbenzene[1-]	SW-846:8260B	ug/L	58	0	0	1	1	1	58	100	-	-	0	0	0	0	60.83333	Reg6	11	-	-	-
Styrene	SW-846:8260B	ug/L	58	0	0	1	1	1	58	100	-	-	0	0	0	0	100	MCL	11	-	-	-
Tetrachloroethane[1,1,1,2-]	SW-846:8260B	ug/L	58	0	0	1	1	1	58	100	-	-	0	0	0	0	25.49549	Reg6	11	-	-	-
Tetrachloroethane[1,1,2,2-]	SW-846:8260B	ug/L	58	0	0	1	1	1	58	100	-	-	0	0	0	0	10	NMGSU	11	-	-	-
Tetrachloroethene	SW-846:8260B	ug/L	58	0	0	1	1	1	58	100	-	-	0	0	0	0	5	MCL	11	-	-	-
Toluene	SW-846:8260B	ug/L	58	12	21	0.261	41.8893	112	46	79	-	-	0	0	0	0	750	NMGSU	11	-	-	-
Trichloro-1,2,2-trifluoroethane[1,1,2-]	SW-846:8260B	ug/L	55	0	0	5	5	5	55	100	-	-	0	0	0	0	59179.86	Reg6	11	-	-	-
Trichlorobenzene[1,2,3-]	SW-846:8260B	ug/L	44	0	0	1	1	1	44	100	-	-	0	0	0	0	-	-	10	-	-	-
Trichlorobenzene[1,2,4-]	SW-846:8260B	ug/L	46	0	0	1	1	1	46	100	-	-	0	0	0	0	-	-	10	-	-	-
Trichloroethane[1,1,1-]	SW-846:8260B	ug/L	58	0	0	1	1	1	58	100	-	-	0	0	0	0	60	NMGSU	11	-	-	-
Trichloroethane[1,1,2-]	SW-846:8260B	ug/L	58	0	0	1	1	1	58	100	-	-	0	0	0	0	5	MCL	11	-	-	-
Trichloroethene	SW-846:8260B	ug/L	58	0	0	1	1	1	58	100	-	-	0	0	0	0	5	MCL	11	-	-	-
Trichlorofluoromethane	SW-846:8260B	ug/L	58	0	0	1	1	1	58	100	-	-	0	0	0	0	5	MCL	11	-	-	-
Trichloropropane[1,2,3-]	SW-846:8260B	ug/L	58	0	0	1	1	1	58	100	-	-	58	0	0	0	0.09469241	Reg6	11	-	-	-
Trimethylbenzene[1,2,4-]	SW-846:8260B	ug/L	58	0	0	0.436	0.98436	1	58	100	-	-	0	0	0	0	12.42906	Reg6	11	-	-	-
Trimethylbenzene[1,3,5-]	SW-846:8260B	ug/L	58	0	0	1	1	1	58	100	-	-	0	0	0	0	12.32618	Reg6	11	-	-	-
Vinyl acetate	SW-846:8260B	ug/L	39	0	0	5	5	5	39	100	-	-	0	0	0	0	412.4294	Reg6	10	-	-	-
Vinyl Chloride	SW-846:8260B	ug/L	58	0	0	1	1	1	58	100	-	-	0	0	0	0	1	NMGSU	11	-	-	-
Xylene (Total)	SW-846:8260B	ug/L	14	0	0	1	1.14286	3	14	100	-	-	0	0	0	0	10000	MCL	6	-	-	-
Xylene[1,2-]	SW-846:8260B	ug/L	52	0	0	1	1	1	52	100	-	-	0	0	0	0	1431.373	Reg6	11	-	-	-
Xylene[1,3-]+Xylene[1,4-]	SW-846:8260B	ug/L	52	1	2	0.287	0.287	0.287	51	98	-	-	0	0	0	0	-	-	11	-	-	-
LA, VOA, UF, Regional																						
Acetone	SW-846:8260B	ug/L	66	4	6	1.35	9.055	27.7	62	94	-	-	0	0	0	0	5475	Reg6	8	-	-	-
Acetonitrile	SW-846:8260B	ug/L	41	0	0	25	25	25	41	100	-	-	0	0	0	0	124.1	Reg6	8	-	-	-
Acrolein	SW-846:8260B	ug/L	45	1	2	7.18	7.18	7.18	44	98	-	-	44	1	1	2	0.04161916	Reg6	8	1	1	R-4
Acrylonitrile	SW-846:8260B	ug/L	45	0	0	5	5	5	45	100	-	-	45	0	0	0	1.237239	Reg6	8	-	-	-
Benzene	SW-846:8260B	ug/L	70	0	0	1	1	1	70	100	-	-	0	0	0	0	5	MCL	8	-	-	-
Bromobenzene	SW-846:8260B	ug/L	71	0	0	1	1	1	71	100	-	-	0	0	0	0	23.25201	Reg6	8	-	-	-
Bromochloromethane	SW-846:8260B	ug/L	71	0	0	1	1	1	71	100	-	-	0	0	0	0	-	-	8	-	-	-
Bromodichloromethane	SW-846:8260B	ug/L	71	0	0	1	1	1	71	100	-	-	0	0	0	0	10.69108	Reg6	8	-	-	-
Bromoform	SW-846:8260B	ug/L	71	0	0	1	1	1	71	100	-	-	0	0	0	0	85.10321	Reg6	8	-	-	-
Bromomethane	SW-846:8260B	ug/L	68	0	0	1	1	1	68	100	-	-	0	0	0	0	8.661017	Reg6	8	-	-	-
Butanol[1-]	SW-846:8260B	ug/L	8	0	0	50	50	50	8	100	-	-	0	0	0	0	3650	Reg6	5	-	-	-
Butanone[2-]	SW-846:8260B	ug/L	71	2	3	1.73	6.865	12	69	97	-	-	0	0	0	0	7064.516	Reg6	8	-	-	-
Butylbenzene[n-]	SW-846:8260B	ug/L	71	0	0	1	1	1	71	100	-	-	0	0	0	0	60.83333	Reg6	8	-	-	-
Butylbenzene[sec-]	SW-846:8260B	ug/L	71	0	0	1	1	1	71	100	-	-	0	0	0	0	60.83333	Reg6	8	-	-	-
Butylbenzene[tert-]	SW-846:8260B	ug/L	71	0	0	1	1	1	71	100	-	-	0	0	0	0	60.83333	Reg6	8	-	-	-
Carbon Disulfide	SW-846:8260B	ug/L	71	1	1	3.8	3.8	3.8	70	99	-	-	0	0	0	0	1042.857	Reg6	8	-	-	-
Carbon Tetrachloride	SW-846:8260B	ug/L	71	0	0	1	1	1	71	100	-	-	0	0	0	0	5	MCL	8	-	-	-
Chloro-1,3-butadiene[2-]	SW-846:8260B	ug/L	41	0	0	1	1	1	41	100	-	-	0	0	0	0	14.31373	Reg6	8	-	-	-
Chloro-1-propene[3-]	SW-846:8260B	ug/L	41	0	0	5	5	5	41	100	-	-	0	0	0	0	1825	Reg6	8	-	-	-
Chlorobenzene	SW-846:8260B	ug/L	71	0	0	1	1	1	71	100	-	-	0	0	0	0	100	MCL	8	-	-	-
Chlorodibromomethane	SW-846:8260B	ug/L	71	0	0	1	1	1	71	100	-	-	0	0	0	0	7.891034	Reg6	8	-	-	-
Chloroethane	SW-846:8260B	ug/L	71	0	0	1	1	1	71	100	-	-	0	0	0	0	228.5679	Reg6	8	-	-	-
Chloroethyl vinyl ether[2-]	SW-846:8260B	ug/L	10	0	0	5	5	5	10	100	-	-	0	0	0	0	-	-	7	-	-	-
Chloroform	SW-846:8260B	ug/L	71	0	0	1	1	1	71	100	-	-	0	0	0	0	60	MCL	8	-	-	-
Chloromethane	SW-846:8260B	ug/L	71	0	0	1	1.00563	1.4	71	100	-	-	0	0	0	0	21.34503	Reg6	8	-	-	-
Chlorotoluene[2-]	SW-846:8260B	ug/L	71	0	0	1	1	1	71	100	-	-	0	0	0	0	121.6667	Reg6	8	-	-	-
Chlorotoluene[4-]	SW-846:8260B	ug/L	71	0	0	1	1	1	71	100	-	-	0	0	0	0	-	-	8	-	-	-
Dibromo-3-Chloropropane[1,2-]	SW-846:8260B	ug/L	70	0	0	1	1	1	70	100	-	-	70	0	0	0	0.2	MCL	8	-	-	-
Dibromoethane[1,2-]	SW-846:8260B	ug/L	71	0	0	1	1	1	71	100	-	-	71	0	0	0	0.05	MCL	8	-	-	-
Dibromomethane	SW-846:8260B	ug/L	71	0	0	1	1	1	71	100	-	-	0	0	0	0	60.83333	Reg6	8	-	-	-

Table B-1
Screening Table for Los Alamos Canyon Watershed (including Pueblo Canyon)

Analyte	Method	Units	No. of Analyses	No. of Detects	D Rate %	Min	Mean	Max	No. of Non-detects	ND Rate %	BV	D> BV	ND> Std	D> Std	D> Std/2	D>Std/2 Rate %	Level	Std Type	Locations with Data (number)	D>Std (number of locations)	D>Std/2 (number of locations)	D>Std Stations
Dichlorobenzene[1,2-]	SW-846:8260B	ug/L	71	0	0	0.22	0.98901	1	71	100	-	-	0	0	0	0	-	-	8	-	-	-
Dichlorobenzene[1,3-]	SW-846:8260B	ug/L	71	0	0	1	1	1	71	100	-	-	0	0	0	0	-	-	8	-	-	-
Dichlorobenzene[1,4-]	SW-846:8260B	ug/L	71	0	0	0.19	0.98859	1	71	100	-	-	0	0	0	0	-	-	8	-	-	-
Dichlorodifluoromethane	SW-846:8260B	ug/L	71	0	0	1	1	1	71	100	-	-	0	0	0	0	394.5946	Reg6	8	-	-	-
Dichloroethane[1,1-]	SW-846:8260B	ug/L	71	0	0	1	1	1	71	100	-	-	0	0	0	0	25	NMGSU	8	-	-	-
Dichloroethane[1,2-]	SW-846:8260B	ug/L	71	0	0	0.64	0.99493	1	71	100	-	-	0	0	0	0	5	MCL	8	-	-	-
Dichloroethene[1,1-]	SW-846:8260B	ug/L	71	0	0	1	1	1	71	100	-	-	0	0	0	0	5	NMGSU	8	-	-	-
Dichloroethene[cis-1,2-]	SW-846:8260B	ug/L	67	0	0	1	1	1	67	100	-	-	0	0	0	0	70	MCL	8	-	-	-
Dichloroethene[trans-1,2-]	SW-846:8260B	ug/L	71	0	0	1	1	1	71	100	-	-	0	0	0	0	100	MCL	8	-	-	-
Dichloropropane[1,2-]	SW-846:8260B	ug/L	71	0	0	1	1	1	71	100	-	-	0	0	0	0	5	MCL	8	-	-	-
Dichloropropane[1,3-]	SW-846:8260B	ug/L	71	0	0	1	1	1	71	100	-	-	0	0	0	0	-	-	8	-	-	-
Dichloropropane[2,2-]	SW-846:8260B	ug/L	71	0	0	1	1	1	71	100	-	-	0	0	0	0	-	-	8	-	-	-
Dichloropropene[1,1-]	SW-846:8260B	ug/L	71	0	0	1	1	1	71	100	-	-	0	0	0	0	-	-	8	-	-	-
Dichloropropene[cis/trans-1,3-]	SW-846:8260B	ug/L	8	0	0	1	1	1	8	100	-	-	0	0	0	0	6.709735	Reg6	5	-	-	-
Dichloropropene[cis-1,3-]	SW-846:8260B	ug/L	71	0	0	1	1	1	71	100	-	-	0	0	0	0	-	-	8	-	-	-
Dichloropropene[trans-1,3-]	SW-846:8260B	ug/L	71	0	0	1	1	1	71	100	-	-	0	0	0	0	-	-	8	-	-	-
Diethyl Ether	SW-846:8260B	ug/L	9	0	0	1	1	1	9	100	-	-	0	0	0	0	-	-	6	-	-	-
Dioxane[1,4-]	SW-846:8260B	ug/L	4	0	0	50	50	50	4	100	-	-	0	0	0	0	-	-	3	-	-	-
Ethyl Methacrylate	SW-846:8260B	ug/L	41	0	0	5	5	5	41	100	-	-	0	0	0	0	547.5	Reg6	8	-	-	-
Ethylbenzene	SW-846:8260B	ug/L	71	0	0	1	1	1	71	100	-	-	0	0	0	0	700	MCL	8	-	-	-
Hexachlorobutadiene	SW-846:8260B	ug/L	45	0	0	1	1	1	45	100	-	-	0	0	0	0	-	-	8	-	-	-
Hexanone[2-]	SW-846:8260B	ug/L	71	1	1	1.34	1.34	1.34	70	99	-	-	0	0	0	0	-	-	8	-	-	-
Iodomethane	SW-846:8260B	ug/L	71	0	0	5	5	5	71	100	-	-	0	0	0	0	-	-	8	-	-	-
Isobutyl alcohol	SW-846:8260B	ug/L	38	0	0	50	50	50	38	100	-	-	0	0	0	0	1825	Reg6	8	-	-	-
Isopropylbenzene	SW-846:8260B	ug/L	71	3	4	0.299	0.54967	0.94	68	96	-	-	0	0	0	0	658.1967	Reg6	8	-	-	-
Isopropyltoluene[4-]	SW-846:8260B	ug/L	71	0	0	1	1	1	71	100	-	-	0	0	0	0	-	-	8	-	-	-
Methacrylonitrile	SW-846:8260B	ug/L	40	0	0	5	5	5	40	100	-	-	40	0	0	0	1.042857	Reg6	7	-	-	-
Methyl Methacrylate	SW-846:8260B	ug/L	41	0	0	5	5	5	41	100	-	-	0	0	0	0	1419.444	Reg6	8	-	-	-
Methyl tert-Butyl Ether	SW-846:8260B	ug/L	9	0	0	1	1	1	9	100	-	-	0	0	0	0	370.8305	Reg6	6	-	-	-
Methyl-2-pentanone[4-]	SW-846:8260B	ug/L	71	0	0	5	5	5	71	100	-	-	0	0	0	0	1990.909	Reg6	8	-	-	-
Methylene Chloride	SW-846:8260B	ug/L	71	0	0	3.3	5.13662	10.8	71	100	-	-	2	0	0	0	5	MCL	8	-	-	-
Naphthalene	SW-846:8260B	ug/L	45	0	0	1	1	1	45	100	-	-	0	0	0	0	-	-	8	-	-	-
Propionitrile	SW-846:8260B	ug/L	41	0	0	5	5	5	41	100	-	-	0	0	0	0	-	-	8	-	-	-
Propylbenzene[1-]	SW-846:8260B	ug/L	71	0	0	1	1	1	71	100	-	-	0	0	0	0	60.83333	Reg6	8	-	-	-
Styrene	SW-846:8260B	ug/L	71	0	0	1	1	1	71	100	-	-	0	0	0	0	100	MCL	8	-	-	-
Tetrachloroethane[1,1,1,2-]	SW-846:8260B	ug/L	69	0	0	1	1	1	69	100	-	-	0	0	0	0	25.49549	Reg6	8	-	-	-
Tetrachloroethane[1,1,2,2-]	SW-846:8260B	ug/L	71	0	0	1	1	1	71	100	-	-	0	0	0	0	10	NMGSU	8	-	-	-
Tetrachloroethene	SW-846:8260B	ug/L	71	0	0	1	1	1	71	100	-	-	0	0	0	0	5	MCL	8	-	-	-
Toluene	SW-846:8260B	ug/L	71	4	6	0.258	0.8895	1.49	67	94	-	-	0	0	0	0	750	NMGSU	8	-	-	-
Trichloro-1,2,2-trifluoroethane[1,1,2-]	SW-846:8260B	ug/L	64	0	0	5	5	5	64	100	-	-	0	0	0	0	59179.86	Reg6	8	-	-	-
Trichlorobenzene[1,2,3-]	SW-846:8260B	ug/L	41	0	0	1	1	1	41	100	-	-	0	0	0	0	-	-	8	-	-	-
Trichlorobenzene[1,2,4-]	SW-846:8260B	ug/L	41	0	0	1	1	1	41	100	-	-	0	0	0	0	-	-	8	-	-	-
Trichloroethane[1,1,1-]	SW-846:8260B	ug/L	71	0	0	1	1	1	71	100	-	-	0	0	0	0	60	NMGSU	8	-	-	-
Trichloroethane[1,1,2-]	SW-846:8260B	ug/L	71	0	0	1	1	1	71	100	-	-	0	0	0	0	5	MCL	8	-	-	-
Trichloroethene	SW-846:8260B	ug/L	71	0	0	1	1	1	71	100	-	-	0	0	0	0	5	MCL	8	-	-	-
Trichlorofluoromethane	SW-846:8260B	ug/L	71	0	0	1	1	1	71	100	-	-	0	0	0	0	5	MCL	8	-	-	-
Trichloropropane[1,2,3-]	SW-846:8260B	ug/L	71	0	0	1	1	1	71	100	-	-	71	0	0	0	0.09469241	Reg6	8	-	-	-
Trimethylbenzene[1,2,4-]	SW-846:8260B	ug/L	71	0	0	0.425	0.98548	1	71	100	-	-	0	0	0	0	12.42906	Reg6	8	-	-	-
Trimethylbenzene[1,3,5-]	SW-846:8260B	ug/L	71	0	0	1	1	1	71	100	-	-	0	0	0	0	12.32618	Reg6	8	-	-	-
Vinyl acetate	SW-846:8260B	ug/L	38	0	0	5	5	5	38	100	-	-	0	0	0	0	412.4294	Reg6	8	-	-	-
Vinyl Chloride	SW-846:8260B	ug/L	71	0	0	1	1	1	71	100	-	-	0	0	0	0	1	NMGSU	8	-	-	-
Xylene (Total)	SW-846:8260B	ug/L	35	0	0	1	1.05714	3	35	100	-	-	0	0	0	0	10000	MCL	7	-	-	-
Xylene[1,2-]	SW-846:8260B	ug/L	53	0	0	1	1	1	53	100	-	-	0	0	0	0	1431.373	Reg6	8	-	-	-
Xylene[1,3-]+Xylene[1,4-]	SW-846:8260B	ug/L	51	0	0	2	2	2	51	100	-	-	0	0	0	0	-	-	8	-	-	-
LA, RAD F, Ephemeral																						
Americium-241	HASL-300:AM-241	pCi/L	18	1	6	0.0403	0.0403	0.0403	17	94	-	-	0	0	0	0	20	NMRPS	8	-	-	-
Cesium-137	EPA:901.1	pCi/L	17	0	0	-2.11	0.32735	2.74	17	100	-	-	0	0	0	0	40	BCG	8	-	-	-
Cobalt-60	EPA:901.1	pCi/L	18	0	0	-0.896	0.87919	3.08	18	100	-	-	0	0	0	0	3000	NMRPS	8	-	-	-
Gross alpha	EPA:900	pCi/L	17	2	12	1.89	3.585	5.28	15	88	-	-	0	0	0	0	-	-	8	-	-	-
Gross beta	EPA:900	pCi/L	17	17	100	3.28	40.2012	347	0	0	-	-	0	0	0	0	-	-	8	-	-	-

Table B-1
Screening Table for Los Alamos Canyon Watershed (including Pueblo Canyon)

Analyte	Method	Units	No. of Analyses	No. of Detects	D Rate %	Min	Mean	Max	No. of Non-detects	ND Rate %	BV	D> BV	ND> Std	D> Std	D> Std/2	D>Std/2 Rate %	Level	Std Type	Locations with Data (number)	D>Std (number of locations)	D>Std/2 (number of locations)	D>Std Stations
Gross gamma	EPA:901.1	pCi/L	14	0	0	46.8	135.721	814	14	100	-	-	0	0	0	0	-	-	8	-	-	-
Neptunium-237	EPA:901.1	pCi/L	17	0	0	-22.7	-1.0518	28.7	17	100	-	-	1	0	0	0	20	NMRPS	8	-	-	-
Plutonium-238	HASL-300:ISOPU	pCi/L	18	0	0	-0.0301	-0.0042	0.00909	18	100	-	-	0	0	0	0	20	NMRPS	8	-	-	-
Plutonium-239/240	HASL-300:ISOPU	pCi/L	18	3	17	0.0606	0.40253	0.76	15	83	-	-	0	0	0	0	20	NMRPS	8	-	-	-
Potassium-40	EPA:901.1	pCi/L	18	0	0	-32.3	10.0203	53.1	18	100	-	-	0	0	0	0	4000	NMRPS	8	-	-	-
Radium-226	EPA:903.1	pCi/L	7	2	29	0.359	0.4075	0.456	5	71	-	-	0	0	0	0	60	NMRPS	4	-	-	-
Sodium-22	EPA:901.1	pCi/L	17	0	0	-4.6	0.00862	4.11	17	100	-	-	0	0	0	0	6000	NMRPS	8	-	-	-
Strontium-90	EPA:905.0	pCi/L	18	11	61	0.236	22.2974	147	7	39	-	-	0	0	0	0	300	BCG	8	-	-	-
Thorium-228	HASL-300:ISOTH	pCi/L	3	0	0	0.106	0.169	0.225	3	100	-	-	0	0	0	0	-	-	3	-	-	-
Thorium-230	HASL-300:ISOTH	pCi/L	3	0	0	0.116	0.119	0.122	3	100	-	-	0	0	0	0	-	-	3	-	-	-
Thorium-232	HASL-300:ISOTH	pCi/L	3	0	0	4.3E-10	0.03053	0.0529	3	100	-	-	0	0	0	0	300	BCG	3	-	-	-
Uranium-234	HASL-300:ISOU	pCi/L	18	12	67	0.103	0.581	1.93	6	33	-	-	0	0	0	0	200	BCG	8	-	-	-
Uranium-235/Uranium-236	HASL-300:ISOU	pCi/L	18	3	17	0.0423	0.07603	0.103	15	83	-	-	0	0	0	0	-	-	8	-	-	-
Uranium-238	HASL-300:ISOU	pCi/L	18	12	67	0.0801	0.22621	0.698	6	33	-	-	0	0	0	0	200	BCG	8	-	-	-
LA, RAD UF, Ephemeral																						
Americium-241	Generic:Alpha-Spec	pCi/L	5	1	20	0.0164	0.0164	0.0164	4	80	-	-	0	0	0	0	20	NMRPS	2	-	-	-
Americium-241	HASL-300:AM-241	pCi/L	21	4	19	0.051	0.09385	0.132	17	81	-	-	0	0	0	0	20	NMRPS	8	-	-	-
Cesium-137	EPA:901.1	pCi/L	26	0	0	-3.35	0.31332	4.42	26	100	-	-	0	0	0	0	40	BCG	8	-	-	-
Cobalt-60	EPA:901.1	pCi/L	26	0	0	-2.04	-0.0613	2.41	26	100	-	-	0	0	0	0	3000	NMRPS	8	-	-	-
Gross alpha	EPA:900	pCi/L	25	9	36	2.1	12.9122	47.7	16	64	-	-	0	0	0	0	-	-	8	-	-	-
Gross beta	EPA:900	pCi/L	25	25	100	3.72	39.1932	361	0	0	-	-	0	0	0	0	-	-	8	-	-	-
Gross gamma	EPA:901.1	pCi/L	15	0	0	22.7	72.7867	141	15	100	-	-	0	0	0	0	-	-	6	-	-	-
Lead-210	Generic:Gas Flow Proportional Counting	pCi/L	1	1	100	1.02	1.02	1.02	0	0	-	-	0	0	0	0	-	-	1	-	-	-
Neptunium-237	EPA:901.1	pCi/L	25	0	0	-19.1	1.14167	20.7	25	100	-	-	1	0	0	0	20	NMRPS	8	-	-	-
Plutonium-238	Generic:Alpha-Spec	pCi/L	5	1	20	0.0389	0.0389	0.0389	4	80	-	-	0	0	0	0	20	NMRPS	2	-	-	-
Plutonium-238	HASL-300:ISOPU	pCi/L	21	0	0	-0.0779	-0.0083	0.0152	21	100	-	-	0	0	0	0	20	NMRPS	8	-	-	-
Plutonium-239/240	Generic:Alpha-Spec	pCi/L	5	4	80	0.107	0.187	0.292	1	20	-	-	0	0	0	0	20	NMRPS	2	-	-	-
Plutonium-239/240	HASL-300:ISOPU	pCi/L	21	9	43	0.037	0.54598	1.4	12	57	-	-	0	0	0	0	20	NMRPS	8	-	-	-
Polonium-210	Generic:Alpha-Spec	pCi/L	1	0	0	0.109	0.109	0.109	1	100	-	-	0	0	0	0	-	-	1	-	-	-
Potassium-40	EPA:901.1	pCi/L	24	0	0	-11.7	25.0813	58.8	24	100	-	-	0	0	0	0	4000	NMRPS	8	-	-	-
Radium-226	EPA:903.1	pCi/L	7	3	43	0.524	0.562	0.62	4	57	-	-	0	0	0	0	60	NMRPS	4	-	-	-
Radium-228	EPA:904	pCi/L	1	0	0	0	0	0	1	100	-	-	0	0	0	0	60	NMRPS	1	-	-	-
Sodium-22	EPA:901.1	pCi/L	26	0	0	-2.9	0.13532	3.99	26	100	-	-	0	0	0	0	6000	NMRPS	8	-	-	-
Strontium-90	EPA:905.0	pCi/L	21	14	67	0.261	19.0171	167	7	33	-	-	0	0	1	5	300	BCG	8	-	1	-
Strontium-90	Generic:Gas Flow Proportional Counting	pCi/L	5	4	80	0.562	1.2755	3.1	1	20	-	-	0	0	0	0	300	BCG	2	-	-	-
Technetium-99	HASL-300:TC99	pCi/L	1	0	0	1.49	1.49	1.49	1	100	-	-	0	0	0	0	700000	BCG	1	-	-	-
Thorium-228	Generic:Alpha-Spec	pCi/L	4	0	0	0.0309	0.04628	0.0657	4	100	-	-	0	0	0	0	-	-	2	-	-	-
Thorium-228	HASL-300:ISOTH	pCi/L	5	2	40	0.153	2.3165	4.48	3	60	-	-	0	0	0	0	-	-	4	-	-	-
Thorium-230	Generic:Alpha-Spec	pCi/L	4	0	0	0.0508	0.0747	0.0912	4	100	-	-	0	0	0	0	-	-	2	-	-	-
Thorium-230	HASL-300:ISOTH	pCi/L	5	1	20	3.59	3.59	3.59	4	80	-	-	0	0	0	0	-	-	4	-	-	-
Thorium-232	Generic:Alpha-Spec	pCi/L	4	0	0	0.0133	0.01628	0.0209	4	100	-	-	0	0	0	0	300	BCG	2	-	-	-
Thorium-232	HASL-300:ISOTH	pCi/L	5	2	40	0.0715	2.17075	4.27	3	60	-	-	0	0	0	0	300	BCG	4	-	-	-
Tritium	EPA:906.0	pCi/L	17	1	6	216	216	216	16	94	-	-	0	0	0	0	1000000	NMRPS	6	-	-	-
Tritium	Generic:LLEE	pCi/L	17	17	100	2.45861	61.1873	141.769	0	0	-	-	0	0	0	0	1000000	NMRPS	9	-	-	-
Uranium-234	Generic:Alpha-Spec	pCi/L	5	4	80	0.096	0.201	0.325	1	20	-	-	0	0	0	0	200	BCG	2	-	-	-
Uranium-234	HASL-300:ISOU	pCi/L	21	14	67	0.139	1.0615	3.64	7	33	-	-	0	0	0	0	200	BCG	8	-	-	-
Uranium-235/Uranium-236	Generic:Alpha-Spec	pCi/L	5	1	20	0.0334	0.0334	0.0334	4	80	-	-	0	0	0	0	-	-	2	-	-	-
Uranium-235/Uranium-236	HASL-300:ISOU	pCi/L	21	4	19	0.0496	0.21865	0.383	17	81	-	-	0	0	0	0	-	-	8	-	-	-
Uranium-238	Generic:Alpha-Spec	pCi/L	5	3	60	0.0758	0.14927	0.223	2	40	-	-	0	0	0	0	200	BCG	2	-	-	-
Uranium-238	HASL-300:ISOU	pCi/L	21	17	81	0.0502	0.58755	3.5	4	19	-	-	0	0	0	0	200	BCG	8	-	-	-
LA, RAD F, Perennial																						
Americium-241	HASL-300:AM-241	pCi/L	6	0	0	-0.002	0.00769	0.0262	6	100	-	-	0	0	0	0	20	NMRPS	2	-	-	-
Cesium-137	EPA:901.1	pCi/L	6	0	0	-2	-0.119	1.5	6	100	-	-	0	0	0	0	40	BCG	2	-	-	-
Cobalt-60	EPA:901.1	pCi/L	6	0	0	-0.704	0.78832	3.86	6	100	-	-	0	0	0	0	3000	NMRPS	2	-	-	-
Gross alpha	EPA:900	pCi/L	6	1	17	4.62	4.62	4.62	5	83	-	-	0	0	0	0	-	-	2	-	-	-
Gross beta	EPA:900	pCi/L	6	6	100	3.37	10.3217	19	0	0	-	-	0	0	0	0	-	-	2	-	-	-
Gross gamma	EPA:901.1	pCi/L	5	0	0	73.7	84.5	92.1	5	100	-	-	0	0	0	0	-	-	2	-	-	-
Neptunium-237	EPA:901.1	pCi/L	6	0	0	-10.6	-0.4217	12.9	6	100	-	-	0	0	0	0	20	NMRPS	2	-	-	-
Plutonium-238	HASL-300:ISOPU	pCi/L	6	0	0	-0.009	0.00075	0.00829	6	100	-	-	0	0	0	0	20	NMRPS	2	-	-	-
Plutonium-239/240	HASL-300:ISOPU	pCi/L	6	2	33	0.0341	0.04085	0.0476	4	67	-	-	0	0	0	0	20	NMRPS	2	-	-	-

Table B-1
Screening Table for Los Alamos Canyon Watershed (including Pueblo Canyon)

Analyte	Method	Units	No. of Analyses	No. of Detects	D Rate %	Min	Mean	Max	No. of Non-detects	ND Rate %	BV	D> BV	ND> Std	D> Std	D> Std/2	D>Std/2 Rate %	Level	Std Type	Locations with Data (number)	D>Std (number of locations)	D>Std/2 (number of locations)	D>Std Stations
Potassium-40	EPA:901.1	pCi/L	6	0	0	*-19*	*20.9*	*51.8*	6	100	-	-	0	0	0	0	4000	NMRPS	2	-	-	-
Radium-226	EPA:903.1	pCi/L	4	0	0	*0.221*	*0.259*	*0.277*	4	100	-	-	0	0	0	0	60	NMRPS	2	-	-	-
Sodium-22	EPA:901.1	pCi/L	6	0	0	*-1.35*	*-0.0143*	*1.43*	6	100	-	-	0	0	0	0	6000	NMRPS	2	-	-	-
Strontium-90	EPA:905.0	pCi/L	6	1	17	0.577	0.577	0.577	5	83	-	-	0	0	0	0	300	BCG	2	-	-	-
Thorium-228	HASL-300:ISOTH	pCi/L	1	0	0	*0.0322*	*0.0322*	*0.0322*	1	100	-	-	0	0	0	0	-	-	1	-	-	-
Thorium-230	HASL-300:ISOTH	pCi/L	1	0	0	*0.104*	*0.104*	*0.104*	1	100	-	-	0	0	0	0	-	-	1	-	-	-
Thorium-232	HASL-300:ISOTH	pCi/L	1	0	0	*0.0359*	*0.0359*	*0.0359*	1	100	-	-	0	0	0	0	300	BCG	1	-	-	-
Uranium-234	HASL-300:ISOU	pCi/L	6	4	67	0.138	0.29775	0.666	2	33	-	-	0	0	0	0	200	BCG	2	-	-	-
Uranium-235/Uranium-236	HASL-300:ISOU	pCi/L	6	1	17	0.106	0.106	0.106	5	83	-	-	0	0	0	0	-	-	2	-	-	-
Uranium-238	HASL-300:ISOU	pCi/L	6	4	67	0.113	0.25575	0.639	2	33	-	-	0	0	0	0	200	BCG	2	-	-	-
LA, RAD UF, Perennial																						
Americium-241	Generic:Alpha-Spec	pCi/L	5	2	40	0.00495	0.00973	0.0145	3	60	-	-	0	0	0	0	20	NMRPS	2	-	-	-
Americium-241	HASL-300:AM-241	pCi/L	4	0	0	*-0.0221*	*-0.0036*	*0.0105*	4	100	-	-	0	0	0	0	20	NMRPS	2	-	-	-
Cesium-137	EPA:901.1	pCi/L	8	0	0	*-2.93*	*-0.0327*	*2.36*	8	100	-	-	0	0	0	0	40	BCG	2	-	-	-
Cobalt-60	EPA:901.1	pCi/L	9	0	0	*-1.43*	*0.72577*	*4.73*	9	100	-	-	0	0	0	0	3000	NMRPS	2	-	-	-
Gross alpha	EPA:900	pCi/L	9	3	33	2.24	2.43333	2.74	6	67	-	-	0	0	0	0	-	-	2	-	-	-
Gross beta	EPA:900	pCi/L	9	8	89	3.16	11.0063	16.2	1	11	-	-	0	0	0	0	-	-	2	-	-	-
Gross gamma	EPA:901.1	pCi/L	7	0	0	*33.2*	*92.4*	*284*	7	100	-	-	0	0	0	0	-	-	2	-	-	-
Lead-210	Generic:Gas Flow Proportional Counting	pCi/L	1	0	0	*-0.0644*	*-0.0644*	*-0.0644*	1	100	-	-	0	0	0	0	-	-	1	-	-	-
Neptunium-237	EPA:901.1	pCi/L	9	0	0	*-18*	*-0.8866*	*11.4*	9	100	-	-	0	0	0	0	20	NMRPS	2	-	-	-
Plutonium-238	Generic:Alpha-Spec	pCi/L	5	3	60	0	0.03087	0.0508	2	40	-	-	0	0	0	0	20	NMRPS	2	-	-	-
Plutonium-238	HASL-300:ISOPU	pCi/L	4	0	0	*-0.0129*	*-0.0036*	*0.00628*	4	100	-	-	0	0	0	0	20	NMRPS	2	-	-	-
Plutonium-239/240	Generic:Alpha-Spec	pCi/L	5	2	40	0.0642	0.06605	0.0679	3	60	-	-	0	0	0	0	20	NMRPS	2	-	-	-
Plutonium-239/240	HASL-300:ISOPU	pCi/L	4	2	50	0.0815	0.10175	0.122	2	50	-	-	0	0	0	0	20	NMRPS	2	-	-	-
Polonium-210	Generic:Alpha-Spec	pCi/L	1	0	0	*0.124*	*0.124*	*0.124*	1	100	-	-	0	0	0	0	-	-	1	-	-	-
Potassium-40	EPA:901.1	pCi/L	5	0	0	*4.04*	*16.576*	*29.1*	5	100	-	-	0	0	0	0	4000	NMRPS	2	-	-	-
Radium-226	EPA:903.1	pCi/L	4	1	25	0.464	0.464	0.464	3	75	-	-	0	0	0	0	60	NMRPS	2	-	-	-
Radium-228	EPA:904	pCi/L	1	0	0	*0.481*	*0.481*	*0.481*	1	100	-	-	0	0	0	0	60	NMRPS	1	-	-	-
Sodium-22	EPA:901.1	pCi/L	9	0	0	*-1.48*	*-0.0348*	*1.07*	9	100	-	-	0	0	0	0	6000	NMRPS	2	-	-	-
Strontium-90	EPA:905.0	pCi/L	4	0	0	*0.0621*	*0.15468*	*0.259*	4	100	-	-	0	0	0	0	300	BCG	2	-	-	-
Strontium-90	Generic:Gas Flow Proportional Counting	pCi/L	5	2	40	0.377	0.4845	0.592	3	60	-	-	0	0	0	0	300	BCG	2	-	-	-
Thorium-228	Generic:Alpha-Spec	pCi/L	3	1	33	0.919	0.919	0.919	2	67	-	-	0	0	0	0	-	-	2	-	-	-
Thorium-228	HASL-300:ISOTH	pCi/L	1	0	0	*0.168*	*0.168*	*0.168*	1	100	-	-	0	0	0	0	-	-	1	-	-	-
Thorium-230	Generic:Alpha-Spec	pCi/L	3	1	33	0.632	0.632	0.632	2	67	-	-	0	0	0	0	-	-	2	-	-	-
Thorium-230	HASL-300:ISOTH	pCi/L	1	0	0	*0.0874*	*0.0874*	*0.0874*	1	100	-	-	0	0	0	0	-	-	1	-	-	-
Thorium-232	Generic:Alpha-Spec	pCi/L	3	3	100	0.0564	0.27767	0.709	0	0	-	-	0	0	0	0	300	BCG	2	-	-	-
Thorium-232	HASL-300:ISOTH	pCi/L	1	0	0	*0.0492*	*0.0492*	*0.0492*	1	100	-	-	0	0	0	0	300	BCG	1	-	-	-
Tritium	EPA:906.0	pCi/L	10	0	0	*-25.8*	*91.82*	*194*	10	100	-	-	0	0	0	0	1000000	NMRPS	2	-	-	-
Tritium	Generic:LLEE	pCi/L	5	5	100	2.26703	36.3619	67.3723	0	0	-	-	0	0	0	0	1000000	NMRPS	2	-	-	-
Uranium-234	Generic:Alpha-Spec	pCi/L	5	4	80	0.143	0.2205	0.326	1	20	-	-	0	0	0	0	200	BCG	2	-	-	-
Uranium-234	HASL-300:ISOU	pCi/L	4	2	50	0.136	0.1585	0.181	2	50	-	-	0	0	0	0	200	BCG	2	-	-	-
Uranium-235/Uranium-236	Generic:Alpha-Spec	pCi/L	5	0	0	*-0.0102*	*0.01153*	*0.0225*	5	100	-	-	0	0	0	0	-	-	2	-	-	-
Uranium-235/Uranium-236	HASL-300:ISOU	pCi/L	4	0	0	*0.00986*	*0.01587*	*0.0199*	4	100	-	-	0	0	0	0	-	-	2	-	-	-
Uranium-238	Generic:Alpha-Spec	pCi/L	5	4	80	0.1	0.14775	0.242	1	20	-	-	0	0	0	0	200	BCG	2	-	-	-
Uranium-238	HASL-300:ISOU	pCi/L	4	2	50	0.0984	0.1012	0.104	2	50	-	-	0	0	0	0	200	BCG	2	-	-	-
LA, RAD, F, Springs																						
Americium-241	Generic:Alpha-Spec	pCi/L	4	1	25	0.0908	0.0908	0.0908	3	75	-	-	0	0	0	0	20	NMRPS	2	-	-	-
Americium-241	HASL-300:AM-241	pCi/L	10	2	20	0.0332	0.1246	0.216	8	80	-	-	0	0	0	0	20	NMRPS	4	-	-	-
Cesium-137	EPA:901.1	pCi/L	14	0	0	*-1.7*	*0.50315*	*3.92*	14	100	-	-	0	0	0	0	1000	NMRPS	4	-	-	-
Cobalt-60	EPA:901.1	pCi/L	14	0	0	*-1.1*	*0.54676*	*2.45*	14	100	-	-	0	0	0	0	3000	NMRPS	4	-	-	-
Gross alpha	EPA:900	pCi/L	13	4	31	1.41	2.5425	3.88	9	69	-	-	0	0	0	0	15	MCL	4	-	-	-
Gross beta	EPA:900	pCi/L	13	11	85	2.21	47.8991	148	2	15	-	-	0	4	4	31	50	SMCL	4	1	1	DP Spring
Gross gamma	EPA:901.1	pCi/L	13	0	0	*53.8*	*84.8538*	*105*	13	100	-	-	0	0	0	0	-	-	4	-	-	-
Neptunium-237	EPA:901.1	pCi/L	13	0	0	*-19.6*	*-2.4756*	*16.4*	13	100	-	-	0	0	0	0	20	NMRPS	4	-	-	-
Plutonium-238	Generic:Alpha-Spec	pCi/L	4	1	25	0	0	0	3	75	-	-	0	0	0	0	20	NMRPS	2	-	-	-
Plutonium-238	HASL-300:ISOPU	pCi/L	10	1	10	0.0576	0.0576	0.0576	9	90	-	-	0	0	0	0	20	NMRPS	4	-	-	-
Plutonium-239/240	Generic:Alpha-Spec	pCi/L	4	1	25	0.0416	0.0416	0.0416	3	75	-	-	0	0	0	0	20	NMRPS	2	-	-	-
Plutonium-239/240	HASL-300:ISOPU	pCi/L	10	1	10	0.0995	0.0995	0.0995	9	90	-	-	0	0	0	0	20	NMRPS	4	-	-	-
Potassium-40	EPA:901.1	pCi/L	11	0	0	*-41.6*	*18.4027*	*47.2*	11	100	-	-	0	0	0	0	4000	NMRPS	4	-	-	-
Radium-226	EPA:903.1	pCi/L	5	2	40	0.268	0.3215	0.375	3	60	-	-	0	0	0	0	5	MCL	2	-	-	-

Table B-1
Screening Table for Los Alamos Canyon Watershed (including Pueblo Canyon)

Analyte	Method	Units	No. of Analyses	No. of Detects	D Rate %	Min	Mean	Max	No. of Non-detects	ND Rate %	BV	D> BV	ND> Std	D> Std	D> Std/2	D>Std/2 Rate %	Level	Std Type	Locations with Data (number)	D>Std (number of locations)	D>Std/2 (number of locations)	D>Std Stations
Sodium-22	EPA:901.1	pCi/L	14	0	0	*-1.46*	*0.13271*	*2.89*	14	100	-	-	0	0	0	0	6000	NMRPS	4	-	-	-
Strontium-90	EPA:905.0	pCi/L	12	6	50	0.302	66.9903	169	6	50	-	-	0	5	5	42	8	MCL	4	1	1	DP Spring
Strontium-90	Generic:Gas Flow Proportional Counting	pCi/L	4	2	50	0.421	30.4605	60.5	2	50	-	-	0	1	1	25	8	MCL	2	1	1	DP Spring
Thorium-228	Generic:Alpha-Spec	pCi/L	3	1	33	0.0384	0.0384	0.0384	2	67	-	-	0	0	0	0	-	-	2	-	-	-
Thorium-230	Generic:Alpha-Spec	pCi/L	3	1	33	0.169	0.169	0.169	2	67	-	-	0	0	0	0	-	-	2	-	-	-
Thorium-232	Generic:Alpha-Spec	pCi/L	3	1	33	0.0681	0.0681	0.0681	2	67	-	-	0	0	0	0	-	-	2	-	-	-
Uranium-234	Generic:Alpha-Spec	pCi/L	4	4	100	0.257	0.40925	0.575	0	0	-	-	0	0	0	0	300	NMRPS	2	-	-	-
Uranium-234	HASL-300:ISOU	pCi/L	10	10	100	0.248	0.6898	1.05	0	0	-	-	0	0	0	0	300	NMRPS	4	-	-	-
Uranium-235/Uranium-236	Generic:Alpha-Spec	pCi/L	4	1	25	0.053	0.053	0.053	3	75	-	-	0	0	0	0	-	-	2	-	-	-
Uranium-235/Uranium-236	HASL-300:ISOU	pCi/L	10	3	30	0.0305	0.12083	0.228	7	70	-	-	0	0	0	0	-	-	4	-	-	-
Uranium-238	Generic:Alpha-Spec	pCi/L	4	4	100	0.0854	0.2276	0.425	0	0	-	-	0	0	0	0	300	NMRPS	2	-	-	-
Uranium-238	HASL-300:ISOU	pCi/L	10	10	100	0.114	0.3163	0.568	0	0	-	-	0	0	0	0	300	NMRPS	4	-	-	-
LA, RAD, UF, Springs																						
Americium-241	HASL-300:AM-241	pCi/L	10	1	10	0.288	0.288	0.288	9	90	-	-	0	0	0	0	20	NMRPS	4	-	-	-
Cesium-137	EPA:901.1	pCi/L	10	1	10	8.32	8.32	8.32	9	90	-	-	0	0	0	0	1000	NMRPS	4	-	-	-
Cobalt-60	EPA:901.1	pCi/L	10	0	0	*-2.53*	*0.09356*	*1.85*	10	100	-	-	0	0	0	0	3000	NMRPS	4	-	-	-
Gross alpha	EPA:900	pCi/L	9	3	33	1.43	2.93667	4.53	6	67	-	-	0	0	0	0	15	MCL	4	-	-	-
Gross beta	EPA:900	pCi/L	9	9	100	2.53	41.7056	139	0	0	-	-	0	3	3	33	50	SMCL	4	1	1	DP Spring
Gross gamma	EPA:901.1	pCi/L	9	0	0	*61.7*	*78.1444*	*109*	9	100	-	-	0	0	0	0	-	-	4	-	-	-
Neptunium-237	EPA:901.1	pCi/L	9	0	0	*-6.67*	*-0.8089*	*9.4*	9	100	-	-	0	0	0	0	20	NMRPS	4	-	-	-
Plutonium-238	HASL-300:ISOPU	pCi/L	10	0	0	*-0.0071*	*0.00432*	*0.0367*	10	100	-	-	0	0	0	0	20	NMRPS	4	-	-	-
Plutonium-239/240	HASL-300:ISOPU	pCi/L	10	1	10	0.179	0.179	0.179	9	90	-	-	0	0	0	0	20	NMRPS	4	-	-	-
Potassium-40	EPA:901.1	pCi/L	8	0	0	*-12.6*	*15.4988*	*40.6*	8	100	-	-	0	0	0	0	4000	NMRPS	4	-	-	-
Radium-226	EPA:903.1	pCi/L	2	1	50	0.602	0.602	0.602	1	50	-	-	0	0	0	0	5	MCL	2	-	-	-
Sodium-22	EPA:901.1	pCi/L	10	0	0	*-1.26*	*-0.0137*	*0.971*	10	100	-	-	0	0	0	0	6000	NMRPS	4	-	-	-
Strontium-90	EPA:905.0	pCi/L	10	3	30	26.2	55.1333	77.2	7	70	-	-	0	3	3	30	8	MCL	4	1	1	DP Spring
Technetium-99	HASL-300:TC99	pCi/L	1	0	0	*1.86*	*1.86*	*1.86*	1	100	-	-	0	0	0	0	4000	DCG	1	-	-	-
Tritium	EPA:906.0	pCi/L	9	2	22	191	270	349	7	78	-	-	0	0	0	0	20000	MCL	2	-	-	-
Tritium	Generic:LLEE	pCi/L	11	11	100	0.76632	38.3421	148.475	0	0	-	-	0	0	0	0	20000	MCL	4	-	-	-
Uranium-234	HASL-300:ISOU	pCi/L	10	10	100	0.237	0.6757	1.04	0	0	-	-	0	0	0	0	300	NMRPS	4	-	-	-
Uranium-235/Uranium-236	HASL-300:ISOU	pCi/L	10	4	40	0.0356	0.05613	0.097	6	60	-	-	0	0	0	0	-	-	4	-	-	-
Uranium-238	HASL-300:ISOU	pCi/L	10	10	100	0.0916	0.29266	0.627	0	0	-	-	0	0	0	0	300	NMRPS	4	-	-	-
LA, RAD F, Alluvial																						
Americium-241	HASL-300:AM-241	pCi/L	50	6	12	0.0285	0.05013	0.0743	44	88	-	-	0	0	0	0	20	NMRPS	17	-	-	-
Cesium-137	EPA:901.1	pCi/L	48	0	0	*-2.11*	*0.10722*	*2.75*	48	100	-	-	0	0	0	0	1000	NMRPS	17	-	-	-
Cobalt-60	EPA:901.1	pCi/L	50	0	0	*-2.25*	*0.36931*	*1.75*	50	100	-	-	0	0	0	0	3000	NMRPS	17	-	-	-
Gross alpha	EPA:900	pCi/L	43	6	14	1.77	3.16667	5.01	37	86	-	-	0	0	0	0	15	MCL	17	-	-	-
Gross beta	EPA:900	pCi/L	43	41	95	3.47	24.0202	163	2	5	-	-	0	6	9	21	50	SMCL	17	3	4	LAO-2, LAO-3a, LAUZ-1
Gross gamma	EPA:901.1	pCi/L	43	0	0	*55*	*147.065*	*2340*	43	100	-	-	0	0	0	0	-	-	17	-	-	-
Neptunium-237	EPA:901.1	pCi/L	43	0	0	*-13.1*	*1.87495*	*20.7*	43	100	-	-	2	0	0	0	20	NMRPS	17	-	-	-
Plutonium-238	HASL-300:ISOPU	pCi/L	53	3	6	0.0438	0.059	0.0817	50	94	-	-	0	0	0	0	20	NMRPS	17	-	-	-
Plutonium-239/240	HASL-300:ISOPU	pCi/L	53	13	25	0.0471	0.14585	0.276	40	75	-	-	0	0	0	0	20	NMRPS	17	-	-	-
Potassium-40	EPA:901.1	pCi/L	47	2	4	30.9	36.7	42.5	45	96	-	-	0	0	0	0	4000	NMRPS	17	-	-	-
Radium-226	EPA:903.1	pCi/L	12	9	75	0.584	0.93744	1.78	3	25	-	-	0	0	0	0	5	MCL	12	-	-	-
Sodium-22	EPA:901.1	pCi/L	50	0	0	*-3.35*	*-0.0208*	*3.87*	50	100	-	-	0	0	0	0	6000	NMRPS	17	-	-	-
Strontium-90	EPA:905.0	pCi/L	54	28	52	0.482	23.0191	233	26	48	-	-	0	11	13	24	8	MCL	17	3	4	LAO-2, LAO-3a, LAUZ-1
Uranium-234	HASL-300:ISOU	pCi/L	50	40	80	0.0265	0.37897	4.59	10	20	-	-	0	0	0	0	300	NMRPS	17	-	-	-
Uranium-235/Uranium-236	HASL-300:ISOU	pCi/L	50	4	8	0.0665	0.1518	0.245	46	92	-	-	0	0	0	0	-	-	17	-	-	-
Uranium-238	HASL-300:ISOU	pCi/L	50	32	64	0.0451	0.17683	1.01	18	36	-	-	0	0	0	0	300	NMRPS	17	-	-	-
LA, RAD UF, Alluvial																						
Americium-241	Generic:Alpha-Spec	pCi/L	16	4	25	0.0131	0.0702	0.17	12	75	-	-	0	0	0	0	20	NMRPS	5	-	-	-
Americium-241	HASL-300:AM-241	pCi/L	36	10	28	0.0309	0.04947	0.0808	26	72	-	-	0	0	0	0	20	NMRPS	16	-	-	-
Cesium-137	EPA:901.1	pCi/L	49	0	0	*-3.66*	*0.40212*	*5.23*	49	100	-	-	0	0	0	0	1000	NMRPS	15	-	-	-
Cobalt-60	EPA:901.1	pCi/L	51	0	0	*-2.85*	*0.41058*	*3.8*	51	100	-	-	0	0	0	0	3000	NMRPS	16	-	-	-
Gross alpha	EPA:900	pCi/L	47	7	15	1.15	4.14286	13	40	85	-	-	0	0	1	2	15	MCL	16	-	1	-

Table B-1
Screening Table for Los Alamos Canyon Watershed (including Pueblo Canyon)

Analyte	Method	Units	No. of Analyses	No. of Detects	D Rate %	Min	Mean	Max	No. of Non-detects	ND Rate %	BV	D> BV	ND> Std	D> Std	D> Std/2	D>Std/2 Rate %	Level	Std Type	Locations with Data (number)	D>Std (number of locations)	D>Std/2 (number of locations)	D>Std Stations
Gross beta	EPA:900	pCi/L	47	47	100	2.64	28.744	206	0	0	-	-	0	10	17	36	50	SMCL	16	4	4	LAO-1, LAO-2, LAO-3a, LAUZ-1
Gross gamma	EPA:901.1	pCi/L	47	0	0	40.5	105.268	430	47	100	-	-	0	0	0	0	-	-	16	-	-	-
Neptunium-237	EPA:901.1	pCi/L	47	0	0	-18.8	1.34453	33.7	47	100	-	-	1	0	0	0	20	NMRPS	16	-	-	-
Plutonium-238	Generic:Alpha-Spec	pCi/L	16	3	19	0	0.00074	0.00223	13	81	-	-	0	0	0	0	20	NMRPS	5	-	-	-
Plutonium-238	HASL-300:ISOPU	pCi/L	38	0	0	-0.0091	0.00028	0.0127	38	100	-	-	0	0	0	0	20	NMRPS	16	-	-	-
Plutonium-239/240	Generic:Alpha-Spec	pCi/L	16	5	31	0.00436	0.07171	0.15	11	69	-	-	0	0	0	0	20	NMRPS	5	-	-	-
Plutonium-239/240	HASL-300:ISOPU	pCi/L	38	12	32	0.0679	0.36232	1.5	26	68	-	-	0	0	0	0	20	NMRPS	16	-	-	-
Potassium-40	EPA:901.1	pCi/L	44	2	5	80.9	87.25	93.6	42	95	-	-	0	0	0	0	4000	NMRPS	16	-	-	-
Radium-226	EPA:903.1	pCi/L	15	10	67	0.265	0.5867	1.57	5	33	-	-	0	0	0	0	5	MCL	5	-	-	-
Sodium-22	EPA:901.1	pCi/L	52	0	0	-3.26	-0.1008	2.77	52	100	-	-	0	0	0	0	6000	NMRPS	16	-	-	-
Strontium-90	EPA:905.0	pCi/L	38	17	45	0.456	26.3246	173	21	55	-	-	0	9	9	24	8	MCL	16	4	4	LAO-1, LAO-2, LAO-3a, LAUZ-1
Strontium-90	Generic:Gas Flow Proportional Counting	pCi/L	16	16	100	0.275	15.7769	36.5	0	0	-	-	0	10	10	63	8	MCL	5	3	3	LAO-1, LAO-2, LAO-3a
Technetium-99	HASL-300:TC99	pCi/L	5	0	0	-2.3	-0.8916	0.646	5	100	-	-	0	0	0	0	4000	DCG	5	-	-	-
Thorium-228	Generic:Alpha-Spec	pCi/L	14	1	7	0.0473	0.0473	0.0473	13	93	-	-	0	0	0	0	-	-	5	-	-	-
Thorium-230	Generic:Alpha-Spec	pCi/L	14	3	21	0.0299	0.10637	0.238	11	79	-	-	0	0	0	0	-	-	5	-	-	-
Thorium-232	Generic:Alpha-Spec	pCi/L	14	1	7	0.0219	0.0219	0.0219	13	93	-	-	0	0	0	0	-	-	5	-	-	-
Tritium	EPA:906.0	pCi/L	33	9	27	145	250.667	399	24	73	-	-	0	0	0	0	20000	MCL	13	-	-	-
Tritium	Generic:LLEE	pCi/L	62	62	100	0.67053	82.2676	207.864	0	0	-	-	0	0	0	0	20000	MCL	18	-	-	-
Uranium-234	Generic:Alpha-Spec	pCi/L	16	13	81	0.0523	0.16157	0.384	3	19	-	-	0	0	0	0	300	NMRPS	5	-	-	-
Uranium-234	HASL-300:ISOU	pCi/L	36	33	92	0.0212	0.39127	5.05	3	8	-	-	0	0	0	0	300	NMRPS	16	-	-	-
Uranium-235/Uranium-236	Generic:Alpha-Spec	pCi/L	16	2	13	0.0267	0.07235	0.118	14	88	-	-	0	0	0	0	-	-	5	-	-	-
Uranium-235/Uranium-236	HASL-300:ISOU	pCi/L	36	2	6	0.126	0.1635	0.201	34	94	-	-	0	0	0	0	-	-	16	-	-	-
Uranium-238	Generic:Alpha-Spec	pCi/L	16	10	63	0.0411	0.12131	0.243	6	38	-	-	0	0	0	0	300	NMRPS	5	-	-	-
Uranium-238	HASL-300:ISOU	pCi/L	36	26	72	0.0393	0.1869	1.14	10	28	-	-	0	0	0	0	300	NMRPS	16	-	-	-
LA, RAD F, Intermediate																						
Americium-241	HASL-300:AM-241	pCi/L	28	1	4	0.0223	0.0223	0.0223	27	96	-	-	0	0	0	0	20	NMRPS	9	-	-	-
Cesium-137	EPA:901.1	pCi/L	27	0	0	-3.12	0.00313	2.71	27	100	-	-	0	0	0	0	1000	NMRPS	9	-	-	-
Cobalt-60	EPA:901.1	pCi/L	27	0	0	-1.63	0.76129	3.52	27	100	-	-	0	0	0	0	3000	NMRPS	9	-	-	-
Gross alpha	EPA:900	pCi/L	27	7	26	1.53	4.21143	6.25	20	74	-	-	0	0	0	0	15	MCL	8	-	-	-
Gross beta	EPA:900	pCi/L	27	24	89	3.72	6.565	10.6	3	11	-	-	0	0	0	0	50	SMCL	8	-	-	-
Gross gamma	EPA:901.1	pCi/L	27	0	0	61.5	86.9593	170	27	100	-	-	0	0	0	0	-	-	8	-	-	-
Iodine-129	HASL-300:I-129	pCi/L	4	0	0	-0.185	-0.0708	0.146	4	100	-	-	0	0	0	0	-	-	2	-	-	-
Neptunium-237	EPA:901.1	pCi/L	27	0	0	-19.8	1.5	27.2	27	100	-	-	2	0	0	0	20	NMRPS	8	-	-	-
Plutonium-238	HASL-300:ISOPU	pCi/L	28	1	4	0.0358	0.0358	0.0358	27	96	-	-	0	0	0	0	20	NMRPS	9	-	-	-
Plutonium-239/240	HASL-300:ISOPU	pCi/L	28	0	0	-0.0202	-0.0017	0.0186	28	100	-	-	0	0	0	0	20	NMRPS	9	-	-	-
Potassium-40	EPA:901.1	pCi/L	24	0	0	-7.56	16.5279	60.1	24	100	-	-	0	0	0	0	4000	NMRPS	9	-	-	-
Sodium-22	EPA:901.1	pCi/L	28	0	0	-3.04	0.18926	3.61	28	100	-	-	0	0	0	0	6000	NMRPS	9	-	-	-
Strontium-90	EPA:905.0	pCi/L	28	0	0	-0.321	-0.0484	0.445	28	100	-	-	0	0	0	0	8	MCL	9	-	-	-
Technetium-99	HASL-300:TC99	pCi/L	4	0	0	-0.268	0.33615	1	4	100	-	-	0	0	0	0	4000	DCG	2	-	-	-
Uranium-234	HASL-300:ISOU	pCi/L	28	28	100	0.0478	1.05456	4.55	0	0	-	-	0	0	0	0	300	NMRPS	9	-	-	-
Uranium-235/Uranium-236	HASL-300:ISOU	pCi/L	28	10	36	0.0347	0.10645	0.234	18	64	-	-	0	0	0	0	-	-	9	-	-	-
Uranium-238	HASL-300:ISOU	pCi/L	28	26	93	0.0807	0.77437	2.96	2	7	-	-	0	0	0	0	300	NMRPS	9	-	-	-
LA, RAD UF, Intermediate																						
Americium-241	Generic:Alpha-Spec	pCi/L	12	3	25	0.00224	0.01083	0.0216	9	75	-	-	0	0	0	0	20	NMRPS	5	-	-	-
Americium-241	HASL-300:AM-241	pCi/L	41	1	2	0.107	0.107	0.107	40	98	-	-	0	0	0	0	20	NMRPS	10	-	-	-
Cesium-137	EPA:901.1	pCi/L	49	0	0	-3.74	0.15258	3.44	49	100	-	-	0	0	0	0	1000	NMRPS	10	-	-	-
Cobalt-60	EPA:901.1	pCi/L	51	0	0	-2.09	0.74056	6.48	51	100	-	-	0	0	0	0	3000	NMRPS	10	-	-	-
Gross alpha	EPA:900	pCi/L	46	21	46	0.964	3.5659	12.2	25	54	-	-	0	0	2	4	15	MCL	10	-	2	-
Gross alpha/beta	EPA:900	pCi/L	1	0	0	0.478	0.478	0.478	1	100	-	-	0	0	0	0	-	-	1	-	-	-
Gross beta	EPA:900	pCi/L	47	43	91	1.94	6.30116	23.9	4	9	-	-	0	0	0	0	50	SMCL	10	-	-	-
Gross gamma	EPA:901.1	pCi/L	48	0	0	44.9	117.221	1260	48	100	-	-	0	0	0	0	-	-	10	-	-	-
Iodine-129	HASL-300:I-129	pCi/L	14	0	0	-0.505	0.32698	1.94	14	100	-	-	0	0	0	0	-	-	6	-	-	-
Neptunium-237	EPA:901.1	pCi/L	45	0	0	-25.7	0.25124	25.1	45	100	-	-	1	0	0	0	20	NMRPS	10	-	-	-

Table B-1
Screening Table for Los Alamos Canyon Watershed (including Pueblo Canyon)

Analyte	Method	Units	No. of Analyses	No. of Detects	D Rate %	Min	Mean	Max	No. of Non-detects	ND Rate %	BV	D> BV	ND> Std	D> Std	D> Std/2	D>Std/2 Rate %	Level	Std Type	Locations with Data (number)	D>Std (number of locations)	D>Std/2 (number of locations)	D>Std Stations
Plutonium-238	Generic:Alpha-Spec	pCi/L	12	2	17	0.00181	0.00215	0.00248	10	83	-	-	0	0	0	0	20	NMRPS	5	-	-	-
Plutonium-238	HASL-300:ISOPU	pCi/L	41	0	0	-0.0129	0.00285	0.0247	41	100	-	-	0	0	0	0	20	NMRPS	10	-	-	-
Plutonium-239/240	Generic:Alpha-Spec	pCi/L	12	2	17	0.00507	0.0053	0.00553	10	83	-	-	0	0	0	0	20	NMRPS	5	-	-	-
Plutonium-239/240	HASL-300:ISOPU	pCi/L	40	0	0	-0.0199	0.00064	0.0342	40	100	-	-	0	0	0	0	20	NMRPS	10	-	-	-
Potassium-40	EPA:901.1	pCi/L	50	0	0	-20.5	14.2337	63.9	50	100	-	-	0	0	0	0	4000	NMRPS	10	-	-	-
Radium-226	EPA:903.1	pCi/L	13	3	23	0.532	0.55567	0.592	10	77	-	-	0	0	0	0	5	MCL	5	-	-	-
Sodium-22	EPA:901.1	pCi/L	52	0	0	-2.25	0.09815	3.02	52	100	-	-	0	0	0	0	6000	NMRPS	10	-	-	-
Strontium-90	EPA:905.0	pCi/L	41	0	0	-0.385	0.00417	0.3	41	100	-	-	0	0	0	0	8	MCL	10	-	-	-
Strontium-90	Generic:Gas Flow Proportional Counting	pCi/L	12	1	8	0.532	0.532	0.532	11	92	-	-	0	0	0	0	8	MCL	5	-	-	-
Technetium-99	HASL-300:TC99	pCi/L	17	0	0	-3.8	-0.5168	1.09	17	100	-	-	0	0	0	0	4000	DCG	7	-	-	-
Thorium-228	Generic:Alpha-Spec	pCi/L	9	2	22	0.0376	0.1223	0.207	7	78	-	-	0	0	0	0	-	-	4	-	-	-
Thorium-230	Generic:Alpha-Spec	pCi/L	9	3	33	0.0215	0.0842	0.197	6	67	-	-	0	0	0	0	-	-	4	-	-	-
Thorium-232	Generic:Alpha-Spec	pCi/L	9	2	22	0.0065	0.08125	0.156	7	78	-	-	0	0	0	0	-	-	4	-	-	-
Tritium	EPA:906.0	pCi/L	32	23	72	151	1728.65	4230	9	28	-	-	0	0	0	0	20000	MCL	10	-	-	-
Tritium	Generic:LL	pCi/L	1	1	100	2867.31	2867.31	2867.31	0	0	-	-	0	0	0	0	20000	MCL	1	-	-	-
Tritium	Generic:LLEE	pCi/L	44	36	82	0.3193	855.782	4364.83	8	18	-	-	0	0	0	0	20000	MCL	10	-	-	-
Tritium	Generic:Low_Level_Tritium	pCi/L	2	2	100	3.25686	1907.23	3811.2	0	0	-	-	0	0	0	0	20000	MCL	2	-	-	-
Uranium-234	Generic:Alpha-Spec	pCi/L	12	11	92	0.072	0.674	1.56	1	8	-	-	0	0	0	0	300	NMRPS	5	-	-	-
Uranium-234	HASL-300:ISOU	pCi/L	41	40	98	0.191	1.0432	4.43	1	2	-	-	0	0	0	0	300	NMRPS	10	-	-	-
Uranium-235/Uranium-236	Generic:Alpha-Spec	pCi/L	12	7	58	0.0184	0.09449	0.153	5	42	-	-	0	0	0	0	-	-	5	-	-	-
Uranium-235/Uranium-236	HASL-300:ISOU	pCi/L	41	13	32	0.0356	0.11522	0.218	28	68	-	-	0	0	0	0	-	-	10	-	-	-
Uranium-238	Generic:Alpha-Spec	pCi/L	12	11	92	0.0276	0.47362	1.01	1	8	-	-	0	0	0	0	300	NMRPS	5	-	-	-
Uranium-238	HASL-300:ISOU	pCi/L	41	40	98	0.135	0.71753	3.09	1	2	-	-	0	0	0	0	300	NMRPS	10	-	-	-
LA, RAD F, Regional																						
Americium-241	HASL-300:AM-241	pCi/L	23	0	0	-0.0194	0.00146	0.0258	23	100	0.032	-	0	0	0	0	20	NMRPS	8	-	-	-
Cesium-137	EPA:901.1	pCi/L	22	0	0	-3.8	0.05132	5.16	22	100	4.45	-	0	0	0	0	1000	NMRPS	7	-	-	-
Cobalt-60	EPA:901.1	pCi/L	21	0	0	-3.18	-0.1229	1.58	21	100	-	-	0	0	0	0	3000	NMRPS	7	-	-	-
Gross alpha	EPA:900	pCi/L	22	8	36	1.4	2.20375	3.01	14	64	2.54	2	0	0	0	0	15	MCL	7	-	-	-
Gross beta	EPA:900	pCi/L	22	11	50	1.72	3.82091	5.27	11	50	14.1	-	0	0	0	0	50	SMCL	7	-	-	-
Gross gamma	EPA:901.1	pCi/L	22	0	0	48.8	156.214	1820	22	100	123	-	0	0	0	0	-	-	7	-	-	-
Neptunium-237	EPA:901.1	pCi/L	22	0	0	-19.4	-2.355	11.7	22	100	-	-	0	0	0	0	20	NMRPS	7	-	-	-
Plutonium-238	HASL-300:ISOPU	pCi/L	23	0	0	-0.0166	-0.0028	0.00764	23	100	0.025	-	0	0	0	0	20	NMRPS	8	-	-	-
Plutonium-239/240	HASL-300:ISOPU	pCi/L	22	0	0	-0.0224	-0.0008	0.0231	22	100	-	-	0	0	0	0	20	NMRPS	8	-	-	-
Potassium-40	EPA:901.1	pCi/L	20	0	0	-33.1	9.7537	45.6	20	100	-	-	0	0	0	0	4000	NMRPS	7	-	-	-
Sodium-22	EPA:901.1	pCi/L	22	0	0	-2.17	-0.411	1.75	22	100	-	-	0	0	0	0	6000	NMRPS	7	-	-	-
Strontium-90	EPA:905.0	pCi/L	23	0	0	-0.297	-0.0703	0.203	23	100	4.49	-	0	0	0	0	8	MCL	8	-	-	-
Uranium-234	HASL-300:ISOU	pCi/L	23	23	100	0.0664	0.7608	1.43	0	0	2.17	-	0	0	0	0	300	NMRPS	8	-	-	-
Uranium-235/Uranium-236	HASL-300:ISOU	pCi/L	23	9	39	0.0219	0.06062	0.103	14	61	-	-	0	0	0	0	-	-	8	-	-	-
Uranium-238	HASL-300:ISOU	pCi/L	23	22	96	0.107	0.40755	0.864	1	4	1.2	-	0	0	0	0	300	NMRPS	8	-	-	-
LA, RAD UF, Regional																						
Americium-241	Generic:Alpha-Spec	pCi/L	19	1	5	0.00837	0.00837	0.00837	18	95	-	-	0	0	0	0	20	NMRPS	4	-	-	-
Americium-241	HASL-300:AM-241	pCi/L	50	1	2	0.0253	0.0253	0.0253	49	98	-	-	0	0	0	0	20	NMRPS	8	-	-	-
Cesium-137	EPA:901.1	pCi/L	68	1	1	9.47	9.47	9.47	67	99	-	-	0	0	0	0	1000	NMRPS	8	-	-	-
Cobalt-60	EPA:901.1	pCi/L	60	0	0	-2.76	0.25743	3.14	60	100	-	-	0	0	0	0	3000	NMRPS	8	-	-	-
Gross alpha	EPA:900	pCi/L	42	17	40	1.12	3.21882	13.5	25	60	-	-	0	0	1	2	15	MCL	8	-	1	-
Gross alpha/beta	EPA:900	pCi/L	1	0	0	1.5	1.5	1.5	1	100	-	-	0	0	0	0	-	-	1	-	-	-
Gross beta	EPA:900	pCi/L	43	31	72	1.8	4.21419	7.34	12	28	-	-	0	0	0	0	50	SMCL	8	-	-	-
Gross gamma	EPA:901.1	pCi/L	47	0	0	45	87.4979	243	47	100	-	-	0	0	0	0	-	-	8	-	-	-
Iodine-129	HASL-300:I-129	pCi/L	31	0	0	-1.36	0.23172	1.87	31	100	-	-	0	0	0	0	-	-	6	-	-	-
Neptunium-237	EPA:901.1	pCi/L	42	0	0	-16.4	0.70564	18.9	42	100	-	-	0	0	0	0	20	NMRPS	8	-	-	-
Plutonium-238	Generic:Alpha-Spec	pCi/L	19	0	0	-0.0203	-6E-05	0.0189	19	100	-	-	0	0	0	0	20	NMRPS	4	-	-	-
Plutonium-238	HASL-300:ISOPU	pCi/L	50	0	0	-0.0167	-1E-04	0.0196	50	100	-	-	0	0	0	0	20	NMRPS	8	-	-	-
Plutonium-239/240	Generic:Alpha-Spec	pCi/L	19	1	5	0	0	0	18	95	-	-	0	0	0	0	20	NMRPS	4	-	-	-
Plutonium-239/240	HASL-300:ISOPU	pCi/L	50	0	0	-0.0239	-0.0002	0.0203	50	100	-	-	0	0	0	0	20	NMRPS	8	-	-	-
Potassium-40	EPA:901.1	pCi/L	59	3	5	24.6	40.5333	65.6	56	95	-	-	0	0	0	0	4000	NMRPS	8	-	-	-
Radium-226	EPA:903.1	pCi/L	12	4	33	0.422	0.706	1.17	8	67	-	-	0	0	0	0	5	MCL	4	-	-	-
Sodium-22	EPA:901.1	pCi/L	66	0	0	-3.19	0.17489	2.89	66	100	-	-	0	0	0	0	6000	NMRPS	8	-	-	-
Strontium-90	EPA:905.0	pCi/L	50	0	0	-0.35	0.02023	0.339	50	100	-	-	0	0	0	0	8	MCL	8	-	-	-
Strontium-90	Generic:Gas Flow Proportional Counting	pCi/L	19	1	5	0.88	0.88	0.88	18	95	-	-	0	0	0	0	8	MCL	4	-	-	-
Technetium-99	HASL-300:TC99	pCi/L	32	0	0	-3.35	-0.385	4.07	32	100	-	-	0	0	0	0	4000	DCG	7	-	-	-

Table B-1
Screening Table for Los Alamos Canyon Watershed (including Pueblo Canyon)

Analyte	Method	Units	No. of Analyses	No. of Detects	D Rate %	Min	Mean	Max	No. of Non-detects	ND Rate %	BV	D> BV	ND> Std	D> Std	D> Std/2	D>Std/2 Rate %	Level	Std Type	Locations with Data (number)	D>Std (number of locations)	D>Std/2 (number of locations)	D>Std Stations
Thorium-228	Generic:Alpha-Spec	pCi/L	5	0	0	*-0.0075*	*0.01483*	*0.0306*	5	100	-	-	0	0	0	0	-	-	2	-	-	-
Thorium-230	Generic:Alpha-Spec	pCi/L	5	2	40	0.0565	0.11425	0.172	3	60	-	-	0	0	0	0	-	-	2	-	-	-
Thorium-232	Generic:Alpha-Spec	pCi/L	5	0	0	*-5E-10*	*0.01361*	*0.0265*	5	100	-	-	0	0	0	0	-	-	2	-	-	-
Tritium	EPA:906.0	pCi/L	11	0	0	*-59.3*	*34.9273*	*120*	11	100	11.43	-	0	0	0	0	20000	MCL	4	-	-	-
Tritium	Generic:LLEE	pCi/L	78	31	40	0.09579	20.0778	59.7091	47	60	11.43	3	0	0	0	0	20000	MCL	8	-	-	-
Tritium	Generic:Low_Level_Tritium	pCi/L	3	2	67	0.22351	0.78229	1.34106	1	33	11.43	-	0	0	0	0	20000	MCL	2	-	-	-
Uranium-234	Generic:Alpha-Spec	pCi/L	19	17	89	0.111	0.68482	1.22	2	11	-	-	0	0	0	0	300	NMRPS	4	-	-	-
Uranium-234	HASL-300:ISOU	pCi/L	50	50	100	0.0765	0.74533	1.97	0	0	-	-	0	0	0	0	300	NMRPS	8	-	-	-
Uranium-235/Uranium-236	Generic:Alpha-Spec	pCi/L	19	9	47	0.0523	0.0939	0.144	10	53	-	-	0	0	0	0	-	-	4	-	-	-
Uranium-235/Uranium-236	HASL-300:ISOU	pCi/L	50	17	34	0.0288	0.06788	0.137	33	66	-	-	0	0	0	0	-	-	8	-	-	-
Uranium-238	Generic:Alpha-Spec	pCi/L	19	18	95	0.0449	0.33123	0.7	1	5	-	-	0	0	0	0	300	NMRPS	4	-	-	-
Uranium-238	HASL-300:ISOU	pCi/L	50	49	98	0.0601	0.37974	1.1	1	2	-	-	0	0	0	0	300	NMRPS	8	-	-	-

Notes: See Table 1.7-1 for standard abbreviations and definitions.Values in italics represent statistics based on detection levels because analyte has not been detected at this location. A dash means none or no value.

Table B-2
Screening Table for Sandia Watershed

Analyte	Method	Units	No. of Analyses	No. of Detects	D Rate %	Min	Mean	Max	No. of Non-detects	ND Rate %	BV	D> BV	ND> Std	D> Std	D> Std/2	D>Std/2 Rate %	Level	Std Type	Locations with Data (number)	D>Std (number of locations)	D>Std/2 (number of locations)	D>Std Stations
Sandia, Geninorg, F, Ephemeral																						
Alkalinity-CO3	EPA:310.1	mg/L	15	14	93	0.857	5.25021	15.2	1	7	-	-	0	0	0	0	-	-	2	-	-	-
Alkalinity-CO3+HCO3	EPA:310.1	mg/L	15	15	100	91.5	148.367	222	0	0	-	-	0	0	0	0	-	-	2	-	-	-
Ammonia as Nitrogen	EPA:350.1	mg/L	15	11	73	0.036	0.136	0.309	4	27	-	-	0	0	0	0	-	-	2	-	-	-
Bromide	EPA:300.0	mg/L	14	14	100	0.206	2.61307	5.19	0	0	-	-	0	0	0	0	-	-	2	-	-	-
Calcium	EPA:200.7	mg/L	1	1	100	29	29	29	0	0	-	-	0	0	0	0	-	-	1	-	-	-
Calcium	SW-846:6010B	mg/L	14	14	100	20.9	29.9286	43.1	0	0	-	-	0	0	0	0	-	-	2	-	-	-
Chloride	EPA:300.0	mg/L	14	14	100	15.1	63.1786	191	0	0	-	-	0	0	0	0	-	-	2	-	-	-
Cyanide (Total)	EPA:335.3	mg/L	8	5	63	0.0022	0.0077	0.0151	3	38	-	-	0	0	0	0	-	-	2	-	-	-
Dissolved Organic Carbon	EPA:415.1	mg/L	1	1	100	13.4	13.4	13.4	0	0	-	-	0	0	0	0	-	-	1	-	-	-
Fluoride	EPA:300.0	mg/L	14	14	100	0.396	0.62836	0.946	0	0	-	-	0	0	0	0	-	-	2	-	-	-
Hardness	SM:A2340B	mg/L	15	15	100	74.7	111.413	162	0	0	-	-	0	0	0	0	-	-	2	-	-	-
Magnesium	EPA:200.7	mg/L	1	1	100	9.16	9.16	9.16	0	0	-	-	0	0	0	0	-	-	1	-	-	-
Magnesium	SW-846:6010B	mg/L	14	14	100	5.47	8.94286	13.3	0	0	-	-	0	0	0	0	-	-	2	-	-	-
Nitrate-Nitrite as Nitrogen	EPA:353.1	mg/L	8	8	100	0.664	129.924	1030	0	0	-	-	0	0	0	0	-	-	2	-	-	-
Nitrate-Nitrite as Nitrogen	EPA:353.2	mg/L	7	7	100	0.225	0.66029	1.27	0	0	-	-	0	0	0	0	-	-	2	-	-	-
Perchlorate	EPA:314.0	ug/L	11	2	18	6.36	27.68	49	9	82	-	-	0	0	0	0	-	-	2	-	-	-
Perchlorate	SW846 6850 Modified	ug/L	5	5	100	0.324	0.5646	0.788	0	0	-	-	0	0	0	0	-	-	2	-	-	-
Perchlorate	SW-846:6850	ug/L	9	9	100	0.0769	1.09416	2.88	0	0	-	-	0	0	0	0	-	-	2	-	-	-
pH	EPA:150.1	SU	14	14	100	7.86	8.37571	8.84	0	0	-	-	0	0	0	0	-	-	2	-	-	-
Phosphorus, Orthophosphate (Expressed as PO4)	EPA:300.0	mg/L	1	1	100	2.41	2.41	2.41	0	0	-	-	0	0	0	0	-	-	1	-	-	-
Potassium	EPA:200.7	mg/L	1	1	100	14.1	14.1	14.1	0	0	-	-	0	0	0	0	-	-	1	-	-	-
Potassium	SW-846:6010B	mg/L	14	14	100	8.76	15.2343	24.9	0	0	-	-	0	0	0	0	-	-	2	-	-	-
Silicon Dioxide	SW-846:6010B	mg/L	14	14	100	86.7	153.414	225	0	0	-	-	0	0	0	0	-	-	2	-	-	-
Sodium	EPA:200.7	mg/L	1	1	100	41.4	41.4	41.4	0	0	-	-	0	0	0	0	-	-	1	-	-	-
Sodium	SW-846:6010B	mg/L	14	14	100	34.1	70.1071	148	0	0	-	-	0	0	0	0	-	-	2	-	-	-
Specific Conductance	EPA:120.1	uS/cm	14	14	100	395	598.071	982	0	0	-	-	0	0	0	0	-	-	2	-	-	-
Sulfate	EPA:300.0	mg/L	14	14	100	11.5	21.3786	53.8	0	0	-	-	0	0	0	0	-	-	2	-	-	-
Total Dissolved Solids	EPA:160.1	mg/L	19	19	100	355	467.053	642	0	0	-	-	0	0	0	0	-	-	2	-	-	-
Total Kjeldahl Nitrogen	EPA:351.2	mg/L	15	15	100	0.261	1.35253	3.06	0	0	-	-	0	0	0	0	-	-	2	-	-	-
Total Phosphate as Phosphorus	EPA:365.4	mg/L	15	15	100	0.783	2.85687	4.88	0	0	-	-	0	0	0	0	-	-	2	-	-	-
Sandia, Geninorg, UF, Ephemeral																						
Alkalinity-CO3	EPA:310.1	mg/L	5	5	100	0.819	4.1698	10.9	0	0	-	-	0	0	0	0	-	-	2	-	-	-
Alkalinity-CO3+HCO3	EPA:310.1	mg/L	5	5	100	128	165.2	249	0	0	-	-	0	0	0	0	-	-	2	-	-	-
Ammonia as Nitrogen	EPA:350.1	mg/L	6	5	83	0.03	0.148	0.283	1	17	-	-	0	0	0	0	39.1	AqAcU	2	-	-	-
Bromide	EPA:300.0	mg/L	5	5	100	0.164	2.4332	5.12	0	0	-	-	0	0	0	0	-	-	2	-	-	-
Calcium	EPA:200.7	mg/L	1	1	100	30.2	30.2	30.2	0	0	-	-	0	0	0	0	-	-	1	-	-	-
Calcium	SW-846:6010B	mg/L	14	14	100	21.4	30.5357	47.7	0	0	-	-	0	0	0	0	-	-	2	-	-	-
Chloride	EPA:300.0	mg/L	5	5	100	15	38.66	75	0	0	-	-	0	0	0	0	-	-	2	-	-	-
Cyanide (Total)	EPA:335.3	mg/L	15	7	47	0.00185	0.00705	0.017	8	53	-	-	0	0	0	0	-	-	2	-	-	-
Cyanide, Amenable to Chlorination	SW-846:9012A	mg/L	1	0	0	*0.0015*	*0.0015*	*0.0015*	1	100	-	-	0	0	0	0	0.022	AqAcU	1	-	-	-
Fluoride	EPA:300.0	mg/L	5	5	100	0.397	0.5952	0.857	0	0	-	-	0	0	0	0	-	-	2	-	-	-
Hardness	SM:A2340B	mg/L	15	15	100	75.6	113.787	181	0	0	-	-	0	0	0	0	-	-	2	-	-	-
Magnesium	EPA:200.7	mg/L	1	1	100	9.65	9.65	9.65	0	0	-	-	0	0	0	0	-	-	1	-	-	-
Magnesium	SW-846:6010B	mg/L	14	14	100	5.61	9.18214	14.9	0	0	-	-	0	0	0	0	-	-	2	-	-	-
Nitrate-Nitrite as Nitrogen	EPA:353.1	mg/L	6	6	100	0.596	1.47033	4.39	0	0	-	-	0	0	0	0	132	LWU	2	-	-	-
pH	EPA:150.1	SU	5	5	100	7.87	8.332	8.82	0	0	-	-	0	0	0	0	-	-	2	-	-	-
Phosphorus, Orthophosphate (Expressed as PO4)	EPA:300.0	mg/L	1	1	100	2.63	2.63	2.63	0	0	-	-	0	0	0	0	-	-	1	-	-	-
Potassium	EPA:200.7	mg/L	1	1	100	14.3	14.3	14.3	0	0	-	-	0	0	0	0	-	-	1	-	-	-
Potassium	SW-846:6010B	mg/L	14	14	100	8.98	15.1114	24.8	0	0	-	-	0	0	0	0	-	-	2	-	-	-
Silicon Dioxide	SW-846:6010B	mg/L	5	5	100	87	137.46	180	0	0	-	-	0	0	0	0	-	-	2	-	-	-
Sodium	EPA:200.7	mg/L	1	1	100	42.3	42.3	42.3	0	0	-	-	0	0	0	0	-	-	1	-	-	-
Sodium	SW-846:6010B	mg/L	14	14	100	34.4	144.493	1080	0	0	-	-	0	0	0	0	-	-	2	-	-	-

Table B-2
Screening Table for Sandia Watershed

Analyte	Method	Units	No. of Analyses	No. of Detects	D Rate %	Min	Mean	Max	No. of Non-detects	ND Rate %	BV	D> BV	ND> Std	D> Std	D> Std/2	D>Std/2 Rate %	Level	Std Type	Locations with Data (number)	D>Std (number of locations)	D>Std/2 (number of locations)	D>Std Stations
Specific Conductance	EPA:120.1	uS/cm	5	5	100	399	516.2	616	0	0	-	-	0	0	0	0	-	-	2	-	-	-
Sulfate	EPA:300.0	mg/L	5	5	100	15.1	16.68	18.2	0	0	-	-	0	0	0	0	-	-	2	-	-	-
Suspended Sediment Concentration	EPA:160.2	mg/L	9	8	89	1.75	4.365	7.63	1	11	-	-	0	0	0	0	-	-	2	-	-	-
Total Kjeldahl Nitrogen	EPA:351.2	mg/L	15	15	100	0.252	1.5698	3.66	0	0	-	-	0	0	0	0	-	-	2	-	-	-
Total Organic Carbon	SW-846:9060	mg/L	15	15	100	4.27	13.0267	28.2	0	0	-	-	0	0	0	0	-	-	2	-	-	-
Total Phosphate as Phosphorus	EPA:365.4	mg/L	6	6	100	0.795	2.40517	3.61	0	0	-	-	0	0	0	0	-	-	2	-	-	-
Sandia, Geninorg, F, Perennial																						
Alkalinity-CO3	EPA:310.1	mg/L	10	6	60	0.97	1.3515	2.25	4	40	-	-	0	0	0	0	-	-	1	-	-	-
Alkalinity-CO3+HCO3	EPA:310.1	mg/L	10	10	100	113	139.8	172	0	0	-	-	0	0	0	0	-	-	1	-	-	-
Alkalinity-HCO3	EPA:310.1	mg/L	3	3	100	113	133.667	160	0	0	-	-	0	0	0	0	-	-	1	-	-	-
Ammonia as Nitrogen	EPA:350.1	mg/L	6	4	67	0.058	0.08	0.093	2	33	-	-	0	0	0	0	-	-	1	-	-	-
Bromide	EPA:300.0	mg/L	6	6	100	0.233	0.68717	1.28	0	0	-	-	0	0	0	0	-	-	1	-	-	-
Calcium	EPA:200.7	mg/L	4	4	100	20.7	22.075	22.9	0	0	-	-	0	0	0	0	-	-	1	-	-	-
Calcium	SW-846:6010B	mg/L	6	6	100	22.2	23.7833	25.3	0	0	-	-	0	0	0	0	-	-	1	-	-	-
Chloride	EPA:300.0	mg/L	9	9	100	54.5	79.0667	146	0	0	-	-	0	0	0	0	-	-	1	-	-	-
Chlorine, Total Residual	EPA:330.5	mg/L	1	0	0	*0.087*	*0.087*	*0.087*	1	100	-	-	0	0	0	0	-	-	1	-	-	-
Cyanide (Total)	EPA:335.3	mg/L	3	2	67	0.00245	0.00284	0.00322	1	33	-	-	0	0	0	0	-	-	1	-	-	-
Cyanide (Total)	SW-846:9012A	mg/L	1	0	0	*0.0025*	*0.0025*	*0.0025*	1	100	-	-	0	0	0	0	-	-	1	-	-	-
Dissolved Organic Carbon	EPA:415.1	mg/L	1	1	100	5.75	5.75	5.75	0	0	-	-	0	0	0	0	-	-	1	-	-	-
Fluoride	EPA:300.0	mg/L	9	8	89	0.426	0.54963	0.91	1	11	-	-	0	0	0	0	-	-	1	-	-	-
Hardness	EPA:200.7	mg/L	3	3	100	81.9	84.1667	85.6	0	0	-	-	0	0	0	0	-	-	1	-	-	-
Hardness	SM:A2340B	mg/L	7	7	100	77.4	85.4286	92.3	0	0	-	-	0	0	0	0	-	-	1	-	-	-
Magnesium	EPA:200.7	mg/L	4	4	100	6.21	6.6325	6.92	0	0	-	-	0	0	0	0	-	-	1	-	-	-
Magnesium	SW-846:6010B	mg/L	6	6	100	5.78	6.655	7.15	0	0	-	-	0	0	0	0	-	-	1	-	-	-
Nitrate-Nitrite as Nitrogen	EPA:353.1	mg/L	8	8	100	0.3	1.83375	3.55	0	0	-	-	0	0	0	0	-	-	1	-	-	-
Nitrate-Nitrite as Nitrogen	EPA:353.2	mg/L	2	2	100	0.06	0.0975	0.135	0	0	-	-	0	0	0	0	-	-	1	-	-	-
Perchlorate	EPA:314.0	ug/L	5	0	0	*4*	*4*	*4*	5	100	-	-	0	0	0	0	-	-	1	-	-	-
Perchlorate	SW846 6850 Modified	ug/L	3	3	100	0.344	0.65567	0.902	0	0	-	-	0	0	0	0	-	-	1	-	-	-
Perchlorate	SW-846:6850	ug/L	3	3	100	0.13	0.27533	0.443	0	0	-	-	0	0	0	0	-	-	1	-	-	-
pH	EPA:150.1	SU	9	9	100	7.73	7.90222	8.05	0	0	-	-	0	0	0	0	-	-	1	-	-	-
Phosphorus, Orthophosphate (Expressed as PO4)	EPA:300.0	mg/L	1	1	100	3.89	3.89	3.89	0	0	-	-	0	0	0	0	-	-	1	-	-	-
Potassium	EPA:200.7	mg/L	4	4	100	12.7	17.05	27.9	0	0	-	-	0	0	0	0	-	-	1	-	-	-
Potassium	SW-846:6010B	mg/L	6	6	100	9.95	14.0083	18.8	0	0	-	-	0	0	0	0	-	-	1	-	-	-
Silicon Dioxide	EPA:200.7	mg/L	3	3	100	110	116.333	121	0	0	-	-	0	0	0	0	-	-	1	-	-	-
Silicon Dioxide	SW-846:6010B	mg/L	6	6	100	76.6	101.433	108	0	0	-	-	0	0	0	0	-	-	1	-	-	-
Sodium	EPA:200.7	mg/L	4	4	100	87.3	116.35	145	0	0	-	-	0	0	0	0	-	-	1	-	-	-
Sodium	SW-846:6010B	mg/L	6	6	100	86.8	96.7333	122	0	0	-	-	0	0	0	0	-	-	1	-	-	-
Specific Conductance	EPA:120.1	uS/cm	5	5	100	572	652.8	821	0	0	-	-	0	0	0	0	-	-	1	-	-	-
Specific Conductance	SW-846:9050A	uS/cm	4	4	100	185	564	877	0	0	-	-	0	0	0	0	-	-	1	-	-	-
Sulfate	EPA:300.0	mg/L	9	9	100	11.1	43.4444	161	0	0	-	-	0	0	0	0	-	-	1	-	-	-
Total Dissolved Solids	EPA:160.1	mg/L	11	11	100	88	436.091	613	0	0	-	-	0	0	0	0	-	-	1	-	-	-
Total Kjeldahl Nitrogen	EPA:351.2	mg/L	7	6	86	0.361	0.545	0.72	1	14	-	-	0	0	0	0	-	-	1	-	-	-
Total Phosphate as Phosphorus	EPA:365.4	mg/L	10	10	100	1.67	3.494	4.75	0	0	-	-	0	0	0	0	-	-	1	-	-	-
Sandia, Geninorg, UF, Perennial																						
Alkalinity-CO3	EPA:310.1	mg/L	2	2	100	0.868	1.254	1.64	0	0	-	-	0	0	0	0	-	-	1	-	-	-
Alkalinity-CO3+HCO3	EPA:310.1	mg/L	2	2	100	144	158	172	0	0	-	-	0	0	0	0	-	-	1	-	-	-
Ammonia as Nitrogen	EPA:350.1	mg/L	3	2	67	0.041	0.0465	0.052	1	33	-	-	0	0	0	0	8.19	AqChrU	1	-	-	-
Bromide	EPA:300.0	mg/L	2	2	100	0.199	0.2605	0.322	0	0	-	-	0	0	0	0	-	-	1	-	-	-
Calcium	EPA:200.7	mg/L	1	1	100	21.1	21.1	21.1	0	0	-	-	0	0	0	0	-	-	1	-	-	-
Calcium	SW-846:6010B	mg/L	6	6	100	22.5	24.2333	26.3	0	0	-	-	0	0	0	0	-	-	1	-	-	-
Chloride	EPA:300.0	mg/L	2	2	100	59.4	64.85	70.3	0	0	-	-	0	0	0	0	-	-	1	-	-	-
Cyanide (Total)	EPA:335.3	mg/L	9	6	67	0.00238	0.00521	0.00907	3	33	-	-	0	0	0	0	-	-	1	-	-	-
Cyanide, Amenable to Chlorination	EPA:335.1	mg/L	1	0	0	*0.00289*	*0.00289*	*0.00289*	1	100	-	-	0	0	0	0	0.022	AqAcU	1	-	-	-
Cyanide, Amenable to Chlorination	SW-846:9012A	mg/L	1	1	100	0.00498	0.00498	0.00498	0	0	-	-	0	0	0	0	0.022	AqAcU	1	-	-	-

Table B-2
Screening Table for Sandia Watershed

Analyte	Method	Units	No. of Analyses	No. of Detects	D Rate %	Min	Mean	Max	No. of Non-detects	ND Rate %	BV	D> BV	ND> Std	D> Std	D> Std/2	D>Std/2 Rate %	Level	Std Type	Locations with Data (number)	D>Std (number of locations)	D>Std/2 (number of locations)	D>Std Stations
Fluoride	EPA:300.0	mg/L	2	2	100	0.474	0.497	0.52	0	0	-	-	0	0	0	0	-	-	1	-	-	-
Hardness	SM:A2340B	mg/L	7	7	100	78.9	87.0714	95	0	0	-	-	0	0	0	0	-	-	1	-	-	-
Magnesium	EPA:200.7	mg/L	1	1	100	6.39	6.39	6.39	0	0	-	-	0	0	0	0	-	-	1	-	-	-
Magnesium	SW-846:6010B	mg/L	6	6	100	6	6.77333	7.15	0	0	-	-	0	0	0	0	-	-	1	-	-	-
Nitrate-Nitrite as Nitrogen	EPA:353.1	mg/L	3	3	100	1.6	320.417	956	0	0	-	-	0	1	1	33	132	LWU	1	1	1	Sandia below Wetlands
Perchlorate	EPA:314.0	ug/L	3	0	0	*0.958*	*1.98233*	*4*	3	100	-	-	0	0	0	0	-	-	1	-	-	-
Perchlorate	SW846 6850 Modified	ug/L	1	1	100	0.553	0.553	0.553	0	0	-	-	0	0	0	0	-	-	1	-	-	-
pH	EPA:150.1	SU	2	2	100	7.81	7.93	8.05	0	0	-	-	0	0	0	0	-	-	1	-	-	-
Phosphorus, Orthophosphate (Expressed as PO4)	EPA:300.0	mg/L	1	1	100	3.67	3.67	3.67	0	0	-	-	0	0	0	0	-	-	1	-	-	-
Potassium	EPA:200.7	mg/L	1	1	100	13.6	13.6	13.6	0	0	-	-	0	0	0	0	-	-	1	-	-	-
Potassium	SW-846:6010B	mg/L	6	6	100	10.2	14.1	19.1	0	0	-	-	0	0	0	0	-	-	1	-	-	-
Silicon Dioxide	SW-846:6010B	mg/L	3	3	100	82.2	99.4	109	0	0	-	-	0	0	0	0	-	-	1	-	-	-
Sodium	EPA:200.7	mg/L	1	1	100	84.7	84.7	84.7	0	0	-	-	0	0	0	0	-	-	1	-	-	-
Sodium	SW-846:6010B	mg/L	6	6	100	89.1	96.95	123	0	0	-	-	0	0	0	0	-	-	1	-	-	-
Specific Conductance	EPA:120.1	uS/cm	2	2	100	625	628.5	632	0	0	-	-	0	0	0	0	-	-	1	-	-	-
Sulfate	EPA:300.0	mg/L	2	2	100	13.7	16.55	19.4	0	0	-	-	0	0	0	0	-	-	1	-	-	-
Suspended Sediment Concentration	EPA:160.2	mg/L	10	10	100	4.4	36.76	75	0	0	-	-	0	0	0	0	-	-	1	-	-	-
Total Kjeldahl Nitrogen	EPA:351.2	mg/L	6	5	83	0.483	0.7964	0.989	1	17	-	-	0	0	0	0	-	-	1	-	-	-
Total Organic Carbon	SW-846:9060	mg/L	6	6	100	4.65	6.54667	10.3	0	0	-	-	0	0	0	0	-	-	1	-	-	-
Total Phosphate as Phosphorus	EPA:365.4	mg/L	3	3	100	2.21	3.19333	3.85	0	0	-	-	0	0	0	0	-	-	1	-	-	-
Total Suspended Solids	EPA:160.2	mg/L	3	3	100	4.4	33.4	49.8	0	0	-	-	0	0	0	0	-	-	1	-	-	-
Sandia, Geninorg, F, Alluvial																						
Alkalinity-CO3	EPA:310.1	mg/L	8	1	13	0.869	0.869	0.869	7	88	-	-	0	0	0	0	-	-	4	-	-	-
Alkalinity-CO3+HCO3	EPA:310.1	mg/L	8	8	100	86	131.75	238	0	0	-	-	0	0	0	0	-	-	4	-	-	-
Ammonia as Nitrogen	EPA:350.1	mg/L	7	2	29	0.056	0.235	0.414	5	71	-	-	0	1	1	14	0.2085714	Reg6	4	1	1	SCA-1
Bromide	EPA:300.0	mg/L	9	9	100	0.156	0.57478	1.29	0	0	-	-	0	0	0	0	-	-	4	-	-	-
Calcium	SW-846:6010B	mg/L	9	9	100	12.9	23.9444	36.5	0	0	-	-	0	0	0	0	-	-	4	-	-	-
Chloride	EPA:300.0	mg/L	9	9	100	25.4	93.7556	197	0	0	-	-	0	0	3	33	250	NMGSF	4	-	2	-
Cyanide (Total)	EPA:335.3	mg/L	5	0	0	*0.0015*	*0.0015*	*0.0015*	5	100	-	-	0	0	0	0	0.2	NMGSF	3	-	-	-
Fluoride	EPA:300.0	mg/L	9	9	100	0.409	0.53367	1.04	0	0	-	-	0	0	1	11	1.6	NMGSF	4	-	1	-
Hardness	SM:A2340B	mg/L	9	9	100	45	85.4556	132	0	0	-	-	0	0	0	0	-	-	4	-	-	-
Magnesium	SW-846:6010B	mg/L	9	9	100	3.11	6.22444	9.85	0	0	-	-	0	0	0	0	-	-	4	-	-	-
Nitrate-Nitrite as Nitrogen	EPA:353.1	mg/L	5	5	100	0.263	1.8832	5.94	0	0	-	-	0	0	1	20	10	NMGSF	3	-	1	-
Nitrate-Nitrite as Nitrogen	EPA:353.2	mg/L	1	1	100	1.93	1.93	1.93	0	0	-	-	0	0	0	0	10	NMGSF	1	-	-	-
Perchlorate	EPA:314.0	ug/L	7	1	14	6.2	6.2	6.2	6	86	-	-	0	0	0	0	24.5	Reg6	4	-	-	-
Perchlorate	SW846 6850 Modified	ug/L	5	5	100	0.341	0.379	0.407	0	0	-	-	0	0	0	0	24.5	Reg6	3	-	-	-
Perchlorate	SW-846:6850	ug/L	3	1	33	0.687	0.687	0.687	2	67	-	-	0	0	0	0	24.5	Reg6	2	-	-	-
pH	EPA:150.1	SU	8	8	100	6.67	7.19375	7.81	0	0	-	-	0	0	0	0	-	-	4	-	-	-
Potassium	SW-846:6010B	mg/L	9	9	100	2.64	10.8178	20.7	0	0	-	-	0	0	0	0	-	-	4	-	-	-
Silicon Dioxide	SW-846:6010B	mg/L	8	8	100	64.7	86.7625	116	0	0	-	-	0	0	0	0	-	-	4	-	-	-
Sodium	SW-846:6010B	mg/L	9	9	100	35.1	98.7	153	0	0	-	-	0	0	0	0	-	-	4	-	-	-
Specific Conductance	EPA:120.1	uS/cm	8	8	100	283	611.375	860	0	0	-	-	0	0	0	0	-	-	4	-	-	-
Sulfate	EPA:300.0	mg/L	9	9	100	1.34	18.4011	37.3	0	0	-	-	0	0	0	0	600	NMGSF	4	-	-	-
Total Dissolved Solids	EPA:160.1	mg/L	11	11	100	221	391.091	531	0	0	-	-	0	0	3	27	1000	NMGSF	4	-	2	-
Total Kjeldahl Nitrogen	EPA:351.2	mg/L	7	2	29	0.638	0.7435	0.849	5	71	-	-	0	0	0	0	-	-	4	-	-	-
Total Phosphate as Phosphorus	EPA:365.4	mg/L	7	7	100	0.294	1.90857	3.66	0	0	-	-	0	0	0	0	-	-	4	-	-	-
Sandia, Geninorg, UF, Alluvial																						
Alkalinity-CO3	EPA:310.1	mg/L	3	0	0	*0.725*	*0.725*	*0.725*	3	100	-	-	0	0	0	0	-	-	2	-	-	-
Alkalinity-CO3+HCO3	EPA:310.1	mg/L	3	3	100	86.5	114.667	171	0	0	-	-	0	0	0	0	-	-	2	-	-	-
Ammonia as Nitrogen	EPA:350.1	mg/L	1	1	100	0.152	0.152	0.152	0	0	-	-	0	0	1	100	0.2085714	Reg6	1	-	1	-
Bromide	EPA:300.0	mg/L	3	3	100	0.144	0.24467	0.409	0	0	-	-	0	0	0	0	-	-	2	-	-	-
Calcium	SW-846:6010B	mg/L	9	9	100	15.3	25.4889	40.3	0	0	-	-	0	0	0	0	-	-	4	-	-	-
Chloride	EPA:300.0	mg/L	3	3	100	24.8	42.2	76.6	0	0	-	-	0	0	0	0	-	-	2	-	-	-

Table B-2
Screening Table for Sandia Watershed

Analyte	Method	Units	No. of Analyses	No. of Detects	D Rate %	Min	Mean	Max	No. of Non-detects	ND Rate %	BV	D> BV	ND> Std	D> Std	D> Std/2	D>Std/2 Rate %	Level	Std Type	Locations with Data (number)	D>Std (number of locations)	D>Std/2 (number of locations)	D>Std Stations
Cyanide (Total)	EPA:335.3	mg/L	8	3	38	0.00246	0.00462	0.00751	5	63	-	-	0	0	0	0	0.2	MCL	4	-	-	-
Fluoride	EPA:300.0	mg/L	3	3	100	0.408	0.50467	0.556	0	0	-	-	0	0	0	0	4	MCL	2	-	-	-
Hardness	SM:A2340B	mg/L	9	9	100	56.6	92.1333	146	0	0	-	-	0	0	0	0	-	-	4	-	-	-
Magnesium	SW-846:6010B	mg/L	9	9	100	4.47	6.89778	11	0	0	-	-	0	0	0	0	-	-	4	-	-	-
Nitrate-Nitrite as Nitrogen	EPA:353.1	mg/L	3	2	67	0.249	0.269	0.289	1	33	-	-	0	0	0	0	10	MCL	2	-	-	-
pH	EPA:150.1	SU	3	3	100	6.88	7.09	7.5	0	0	-	-	0	0	0	0	-	-	2	-	-	-
Potassium	SW-846:6010B	mg/L	9	9	100	3.75	11.4622	20.8	0	0	-	-	0	0	0	0	-	-	4	-	-	-
Silicon Dioxide	SW-846:6010B	mg/L	3	3	100	103	104.667	106	0	0	-	-	0	0	0	0	-	-	2	-	-	-
Sodium	SW-846:6010B	mg/L	9	9	100	35.2	97.2889	156	0	0	-	-	0	0	0	0	-	-	4	-	-	-
Specific Conductance	EPA:120.1	uS/cm	3	3	100	287	397	613	0	0	-	-	0	0	0	0	-	-	2	-	-	-
Sulfate	EPA:300.0	mg/L	3	3	100	8.05	12.15	14.6	0	0	-	-	0	0	0	0	-	-	2	-	-	-
Suspended Sediment Concentration	EPA:160.2	mg/L	3	3	100	50.8	110.733	207	0	0	-	-	0	0	0	0	-	-	2	-	-	-
Total Kjeldahl Nitrogen	EPA:351.2	mg/L	4	3	75	0.395	0.47233	0.601	1	25	-	-	0	0	0	0	-	-	3	-	-	-
Total Organic Carbon	SW-846:9060	mg/L	6	6	100	1.52	3.455	5.11	0	0	-	-	0	0	0	0	-	-	4	-	-	-
Total Phosphate as Phosphorus	EPA:365.4	mg/L	3	3	100	0.413	1.74033	4.38	0	0	-	-	0	0	0	0	-	-	2	-	-	-
Sandia, Geninorg, F, Intermediate																						
Alkalinity-CO3	EPA:310.1	mg/L	7	3	43	1.56	2.85333	3.53	4	57	-	-	0	0	0	0	-	-	2	-	-	-
Alkalinity-CO3+HCO3	EPA:310.1	mg/L	7	7	100	40.9	83.2286	121	0	0	-	-	0	0	0	0	-	-	2	-	-	-
Ammonia as Nitrogen	EPA:350.1	mg/L	5	1	20	1.4	1.4	1.4	4	80	-	-	0	1	1	20	0.2085714	Reg6	2	1	1	R-12
Bromide	EPA:300.0	mg/L	7	5	71	0.07	1.16	1.53	2	29	-	-	0	0	0	0	-	-	2	-	-	-
Calcium	SW-846:6010B	mg/L	7	7	100	3.5	52.28	87.6	0	0	-	-	0	0	0	0	-	-	2	-	-	-
Chloride	EPA:300.0	mg/L	7	7	100	2.23	56.9357	98.7	0	0	-	-	0	0	0	0	250	NMGSF	2	-	-	-
Cyanide (Total)	EPA:335.3	mg/L	3	1	33	0.00323	0.00323	0.00323	2	67	-	-	0	0	0	0	0.2	NMGSF	2	-	-	-
Cyanide (Total)	SW-846:9012A	mg/L	1	0	0	*0.0025*	*0.0025*	*0.0025*	1	100	-	-	0	0	0	0	0.2	NMGSF	1	-	-	-
Fluoride	EPA:300.0	mg/L	7	6	86	0.176	0.42283	0.673	1	14	-	-	0	0	0	0	1.6	NMGSF	2	-	-	-
Hardness	SM:A2340B	mg/L	7	7	100	10.4	160.971	270	0	0	-	-	0	0	0	0	-	-	2	-	-	-
Magnesium	SW-846:6010B	mg/L	7	7	100	0.392	7.54914	13	0	0	-	-	0	0	0	0	-	-	2	-	-	-
Nitrate-Nitrite as Nitrogen	EPA:353.1	mg/L	2	1	50	3.18	3.18	3.18	1	50	-	-	0	0	0	0	10	NMGSF	2	-	-	-
Nitrate-Nitrite as Nitrogen	EPA:353.2	mg/L	3	3	100	3.06	3.75667	4.99	0	0	-	-	0	0	0	0	10	NMGSF	1	-	-	-
Perchlorate	EPA:314.0	ug/L	6	0	0	*4*	*4*	*4*	6	100	-	-	0	0	0	0	24.5	Reg6	2	-	-	-
Perchlorate	SW846 6850 Modified	ug/L	4	1	25	1.49	1.49	1.49	3	75	-	-	0	0	0	0	24.5	Reg6	2	-	-	-
Perchlorate	SW-846:6850	ug/L	3	3	100	1.43	1.51667	1.58	0	0	-	-	0	0	0	0	24.5	Reg6	1	-	-	-
pH	EPA:150.1	SU	7	7	100	6.83	7.95143	9.08	0	0	-	-	0	0	0	0	-	-	2	-	-	-
Potassium	SW-846:6010B	mg/L	7	7	100	1.47	1.73	2.1	0	0	-	-	0	0	0	0	-	-	2	-	-	-
Silicon Dioxide	SW-846:6010B	mg/L	7	7	100	14.6	46.4857	67.8	0	0	-	-	0	0	0	0	-	-	2	-	-	-
Sodium	SW-846:6010B	mg/L	7	7	100	13	40.8429	62.1	0	0	-	-	0	0	0	0	-	-	2	-	-	-
Specific Conductance	EPA:120.1	uS/cm	6	6	100	128	586.167	836	0	0	-	-	0	0	0	0	-	-	2	-	-	-
Specific Conductance	SW-846:9050A	uS/cm	1	1	100	114	114	114	0	0	-	-	0	0	0	0	-	-	1	-	-	-
Sulfate	EPA:300.0	mg/L	7	7	100	1.27	62.4157	112	0	0	-	-	0	0	0	0	600	NMGSF	2	-	-	-
Total Dissolved Solids	EPA:160.1	mg/L	12	12	100	71	231.75	536	0	0	-	-	0	0	3	25	1000	NMGSF	2	-	1	-
Total Kjeldahl Nitrogen	EPA:351.2	mg/L	5	4	80	0.046	0.4605	1.54	1	20	-	-	0	0	0	0	-	-	2	-	-	-
Total Phosphate as Phosphorus	EPA:365.4	mg/L	7	5	71	0.324	0.6344	0.879	2	29	-	-	0	0	0	0	-	-	2	-	-	-
Sandia, Geninorg, UF, Intermediate																						
Alkalinity-CO3	EPA:310.1	mg/L	5	2	40	4.18	6.04	7.9	3	60	-	-	0	0	0	0	-	-	1	-	-	-
Alkalinity-CO3+HCO3	EPA:310.1	mg/L	5	5	100	34.1	50.66	59.4	0	0	-	-	0	0	0	0	-	-	1	-	-	-
Alkalinity-HCO3	EPA:310.1	mg/L	5	5	100	34.1	47.76	57.4	0	0	-	-	0	0	0	0	-	-	1	-	-	-
Ammonia as Nitrogen	EPA:350.1	mg/L	6	6	100	0.058	0.96633	2.09	0	0	-	-	0	5	5	83	0.2085714	Reg6	1	1	1	R-12
Calcium	SW-846:6010B	mg/L	12	12	100	3.6	34.1033	90.3	0	0	-	-	0	0	0	0	-	-	2	-	-	-
Chloride	EPA:300.0	mg/L	5	5	100	4.57	8.226	10.8	0	0	-	-	0	0	0	0	-	-	1	-	-	-
Cyanide (Total)	EPA:335.3	mg/L	6	2	33	0.00349	0.00436	0.00522	4	67	-	-	0	0	0	0	0.2	MCL	2	-	-	-
Cyanide (Total)	SW-846:9012A	mg/L	5	2	40	0.00188	0.00634	0.0108	3	60	-	-	0	0	0	0	0.2	MCL	1	-	-	-
Fluoride	EPA:300.0	mg/L	5	5	100	0.268	0.5288	0.69	0	0	-	-	0	0	0	0	4	MCL	1	-	-	-
Hardness	EPA:200.7	mg/L	5	5	100	11	26.5	49.5	0	0	-	-	0	0	0	0	-	-	1	-	-	-
Hardness	SM:A2340B	mg/L	7	7	100	11	161.457	280	0	0	-	-	0	0	0	0	-	-	2	-	-	-
Magnesium	SW-846:6010B	mg/L	12	12	100	0.43	4.89508	13.5	0	0	-	-	0	0	0	0	-	-	2	-	-	-

Table B-2
Screening Table for Sandia Watershed

Analyte	Method	Units	No. of Analyses	No. of Detects	D Rate %	Min	Mean	Max	No. of Non-detects	ND Rate %	BV	D> BV	ND> Std	D> Std	D> Std/2	D>Std/2 Rate %	Level	Std Type	Locations with Data (number)	D>Std (number of locations)	D>Std/2 (number of locations)	D>Std Stations
Nitrate-Nitrite as Nitrogen	EPA:353.1	mg/L	5	3	60	0.03	0.04333	0.06	2	40	-	-	0	0	0	0	10	MCL	1	-	-	-
Perchlorate	EPA:314.0	ug/L	5	0	0	*1.45*	*2.98*	*4*	5	100	-	-	0	0	0	0	24.5	Reg6	1	-	-	-
Perchlorate	SW846 6850 Modified	ug/L	1	0	0	*0.05*	*0.05*	*0.05*	1	100	-	-	0	0	0	0	24.5	Reg6	1	-	-	-
pH	EPA:150.1	SU	5	5	100	7.97	8.548	9.05	0	0	-	-	0	0	0	0	-	-	1	-	-	-
Potassium	SW-846:6010B	mg/L	12	12	100	1.37	1.88667	2.5	0	0	-	-	0	0	0	0	-	-	2	-	-	-
Silicon Dioxide	SW-846:6010B	mg/L	8	8	100	13.5	21.825	35.9	0	0	-	-	0	0	0	0	-	-	1	-	-	-
Sodium	SW-846:6010B	mg/L	12	12	100	10.4	31.5583	64.6	0	0	-	-	0	0	0	0	-	-	2	-	-	-
Specific Conductance	SW-846:9050A	uS/cm	5	5	100	5.25	104.25	143	0	0	-	-	0	0	0	0	-	-	1	-	-	-
Sulfate	EPA:300.0	mg/L	5	3	60	0.379	5.41967	8.11	2	40	-	-	0	0	0	0	-	-	1	-	-	-
Suspended Sediment Concentration	EPA:160.2	mg/L	6	3	50	3.2	8.13333	12	3	50	-	-	0	0	0	0	-	-	2	-	-	-
Total Kjeldahl Nitrogen	EPA:351.2	mg/L	6	4	67	0.112	0.47975	1.49	2	33	-	-	0	0	0	0	-	-	2	-	-	-
Total Organic Carbon	SW-846:9060	mg/L	8	8	100	0.866	2.68888	8.22	0	0	-	-	0	0	0	0	-	-	2	-	-	-
Total Phosphate as Phosphorus	EPA:365.4	mg/L	5	4	80	0.029	0.2195	0.335	1	20	-	-	0	0	0	0	-	-	1	-	-	-
Total Suspended Solids	EPA:160.2	mg/L	3	1	33	1	1	1	2	67	-	-	0	0	0	0	-	-	1	-	-	-
Sandia, Geninorg, F, Regional																						
Alkalinity-CO3	EPA:310.1	mg/L	33	13	39	0.849	1.27362	2.44	20	61	-	-	0	0	0	0	-	-	6	-	-	-
Alkalinity-CO3+HCO3	EPA:310.1	mg/L	37	37	100	64.3	86.6	144	0	0	156.6	-	0	0	0	0	-	-	6	-	-	-
Alkalinity-HCO3	EPA:310.1	mg/L	2	2	100	63.8	65.5	67.2	0	0	132.3	-	0	0	0	0	-	-	1	-	-	-
Ammonia as Nitrogen	EPA:350.1	mg/L	31	2	6	0.017	0.0185	0.02	29	94	0.25	-	1	0	0	0	0.2085714	Reg6	6	-	-	-
Bromide	EPA:300.0	mg/L	37	12	32	0.054	0.08917	0.13	25	68	0.18	-	0	0	0	0	-	-	6	-	-	-
Calcium	SW-846:6010B	mg/L	37	37	100	14.7	23.5568	35.2	0	0	24.88	2	0	0	0	0	-	-	6	-	-	-
Chloride	EPA:300.0	mg/L	37	37	100	2.75	4.52568	8.5	0	0	3.57	4	0	0	0	0	250	NMGSF	6	-	-	-
Cyanide (Total)	EPA:335.3	mg/L	18	1	6	0.00609	0.00609	0.00609	17	94	-	-	0	0	0	0	0.2	NMGSF	4	-	-	-
Cyanide (Total)	SW-846:9012A	mg/L	1	0	0	*0.0025*	*0.0025*	*0.0025*	1	100	-	-	0	0	0	0	0.2	NMGSF	1	-	-	-
Dissolved Organic Carbon	USGS-WRI-79-4	mg/L	6	6	100	0.52	0.70833	1.02	0	0	-	-	0	0	0	0	-	-	2	-	-	-
Fluoride	EPA:300.0	mg/L	37	33	89	0.232	0.37664	0.469	4	11	0.57	-	0	0	0	0	1.6	NMGSF	6	-	-	-
Hardness	SM:A2340B	mg/L	32	32	100	55	80.6594	114	0	0	-	-	0	0	0	0	-	-	6	-	-	-
Magnesium	SW-846:6010B	mg/L	37	37	100	3.91	5.11432	9.03	0	0	4.15	6	0	0	0	0	-	-	6	-	-	-
Nitrate as Nitrogen	EPA:300.0	mg/L	1	1	100	0.217	0.217	0.217	0	0	0.53	-	0	0	0	0	10	MCL	1	-	-	-
Nitrate-Nitrite as Nitrogen	EPA:353.1	mg/L	24	24	100	0.0439	2.52929	5.61	0	0	0.89	2	0	0	3	13	10	NMGSF	4	-	1	-
Nitrate-Nitrite as Nitrogen	EPA:353.2	mg/L	12	12	100	0.385	1.76083	7.43	0	0	0.89	3	0	0	1	8	10	NMGSF	5	-	1	-
Nitrite as Nitrogen	EPA:300.0	mg/L	1	0	0	*0.009*	*0.009*	*0.009*	1	100	-	-	0	0	0	0	1	MCL	1	-	-	-
Oxalate	EPA:300.0	mg/L	1	0	0	*0.2*	*0.2*	*0.2*	1	100	-	-	0	0	0	0	-	-	1	-	-	-
Perchlorate	EPA:314.0	ug/L	25	0	0	*4*	*4*	*4*	25	100	0.46	-	0	0	0	0	24.5	Reg6	4	-	-	-
Perchlorate	SW846 6850 Modified	ug/L	16	15	94	0.0978	0.61399	0.807	1	6	0.46	3	0	0	0	0	24.5	Reg6	4	-	-	-
Perchlorate	SW-846:6850	ug/L	15	15	100	0.304	0.582	0.776	0	0	0.46	4	0	0	0	0	24.5	Reg6	5	-	-	-
pH	EPA:150.1	SU	31	31	100	7.48	7.92839	8.21	0	0	-	-	0	0	0	0	-	-	6	-	-	-
Potassium	SW-846:6010B	mg/L	37	37	100	1.35	2.49514	4.98	0	0	2.63	4	0	0	0	0	-	-	6	-	-	-
Silicon Dioxide	SW-846:6010B	mg/L	37	37	100	53.8	65.9162	78.5	0	0	88.5	-	0	0	0	0	-	-	6	-	-	-
Sodium	SW-846:6010B	mg/L	37	37	100	11.2	14.1027	20.7	0	0	24.5	-	0	0	0	0	-	-	6	-	-	-
Specific Conductance	EPA:120.1	uS/cm	30	30	100	182	226.733	321	0	0	-	-	0	0	0	0	-	-	6	-	-	-
Specific Conductance	SW-846:9050A	uS/cm	1	1	100	303	303	303	0	0	-	-	0	0	0	0	-	-	1	-	-	-
Sulfate	EPA:300.0	mg/L	37	37	100	3.64	7.48486	12.9	0	0	7.2	3	0	0	0	0	600	NMGSF	6	-	-	-
Total Dissolved Solids	EPA:160.1	mg/L	45	45	100	140	187.911	233	0	0	191.68	3	0	0	0	0	1000	NMGSF	6	-	-	-
Total Kjeldahl Nitrogen	EPA:351.2	mg/L	28	5	18	0.03	0.106	0.188	23	82	1	-	0	0	0	0	-	-	5	-	-	-
Total Phosphate as Phosphorus	EPA:365.4	mg/L	35	4	11	0.012	0.0935	0.231	31	89	0.34	-	0	0	0	0	-	-	6	-	-	-
Sandia, Geninorg, UF, Regional																						
Alkalinity-CO3	EPA:310.1	mg/L	14	10	71	0.725	1.1011	1.55	4	29	-	-	0	0	0	0	-	-	4	-	-	-
Alkalinity-CO3+HCO3	EPA:310.1	mg/L	14	14	100	70.6	102.057	168	0	0	-	-	0	0	0	0	-	-	4	-	-	-
Alkalinity-HCO3	EPA:310.1	mg/L	3	3	100	139	154	166	0	0	-	-	0	0	0	0	-	-	1	-	-	-
Ammonia as Nitrogen	EPA:350.1	mg/L	16	3	19	0.015	0.02433	0.04	13	81	-	-	0	0	0	0	0.2085714	Reg6	4	-	-	-
Bromide	EPA:300.0	mg/L	11	2	18	0.086	0.087	0.088	9	82	-	-	0	0	0	0	-	-	3	-	-	-
Calcium	SW-846:6010B	mg/L	41	41	100	15.2	24.3049	37.6	0	0	-	-	0	0	0	0	-	-	6	-	-	-
Chemical Oxygen Demand	EPA:410.4	mg/L	5	3	60	10.1	12.9	16.2	2	40	-	-	0	0	0	0	-	-	3	-	-	-
Chloride	EPA:300.0	mg/L	14	14	100	2.8	5.21286	9.19	0	0	-	-	0	0	0	0	-	-	4	-	-	-

Table B-2
Screening Table for Sandia Watershed

Analyte	Method	Units	No. of Analyses	No. of Detects	D Rate %	Min	Mean	Max	No. of Non-detects	ND Rate %	BV	D> BV	ND> Std	D> Std	D> Std/2	D>Std/2 Rate %	Level	Std Type	Locations with Data (number)	D>Std (number of locations)	D>Std/2 (number of locations)	D>Std Stations
Cyanide (Total)	EPA:335.3	mg/L	28	1	4	0.00384	0.00384	0.00384	27	96	-	-	0	0	0	0	0.2	MCL	6	-	-	-
Cyanide (Total)	SW-846:9012A	mg/L	8	0	0	*0.00172*	*0.0023*	*0.00313*	8	100	-	-	0	0	0	0	0.2	MCL	2	-	-	-
Fluoride	EPA:300.0	mg/L	14	10	71	0.302	0.3836	0.473	4	29	-	-	0	0	0	0	4	MCL	4	-	-	-
Hardness	EPA:200.7	mg/L	3	3	100	119	123.667	132	0	0	-	-	0	0	0	0	-	-	1	-	-	-
Hardness	SM:A2340B	mg/L	33	33	100	56.8	80.3606	116	0	0	-	-	0	0	0	0	-	-	6	-	-	-
Magnesium	SW-846:6010B	mg/L	41	41	100	4	5.42537	9.32	0	0	-	-	0	0	0	0	-	-	6	-	-	-
Nitrate-Nitrite as Nitrogen	EPA:353.1	mg/L	20	17	85	0.424	2.53212	4.58	3	15	-	-	0	0	0	0	10	MCL	4	-	-	-
Perchlorate	EPA:314.0	ug/L	17	0	0	*1.45*	*3.85*	*4*	17	100	0.44	-	0	0	0	0	24.5	Reg6	4	-	-	-
Perchlorate	SW846 6850 Modified	ug/L	15	15	100	0.0509	0.60559	0.766	0	0	0.44	3	0	0	0	0	24.5	Reg6	4	-	-	-
pH	EPA:150.1	SU	14	14	100	7.51	7.98786	8.31	0	0	8.64	-	0	0	0	0	-	-	4	-	-	-
Potassium	SW-846:6010B	mg/L	41	41	100	1.38	2.60366	4.93	0	0	-	-	0	0	0	0	-	-	6	-	-	-
Silicon Dioxide	SW-846:6010B	mg/L	24	24	100	53.2	65.0042	74.9	0	0	-	-	0	0	0	0	-	-	4	-	-	-
Sodium	SW-846:6010B	mg/L	41	41	100	11.3	14.5244	20.9	0	0	-	-	0	0	0	0	-	-	6	-	-	-
Specific Conductance	EPA:120.1	uS/cm	11	11	100	187	225.273	277	0	0	287.21	-	0	0	0	0	-	-	3	-	-	-
Specific Conductance	SW-846:9050A	uS/cm	3	3	100	1.36	203.12	323	0	0	287.21	1	0	0	0	0	-	-	1	-	-	-
Sulfate	EPA:300.0	mg/L	14	14	100	3.83	7.71214	10.9	0	0	-	-	0	0	0	0	-	-	4	-	-	-
Suspended Sediment Concentration	EPA:160.2	mg/L	14	2	14	1.13	1.23	1.33	12	86	-	-	0	0	0	0	-	-	4	-	-	-
Total Kjeldahl Nitrogen	EPA:351.2	mg/L	29	5	17	0.045	0.1598	0.476	24	83	-	-	0	0	0	0	-	-	5	-	-	-
Total Organic Carbon	SW-846:9060	mg/L	36	27	75	0.338	0.73467	1.28	9	25	1.37	-	0	0	0	0	-	-	6	-	-	-
Total Phosphate as Phosphorus	EPA:365.4	mg/L	18	3	17	0.023	0.047	0.087	15	83	-	-	0	0	0	0	-	-	4	-	-	-
Total Suspended Solids	EPA:160.2	mg/L	6	1	17	37.1	37.1	37.1	5	83	-	-	0	0	0	0	-	-	3	-	-	-
Sandia, Metals, F, Ephemeral																						
Aluminum	EPA:200.7	ug/L	1	1	100	148	148	148	0	0	-	-	0	0	0	0	750	AqAcF	1	-	-	-
Aluminum	SW-846:6010B	ug/L	14	4	29	87.9	132.275	250	10	71	-	-	0	0	0	0	750	AqAcF	2	-	-	-
Antimony	EPA:200.8	ug/L	1	1	100	0.54	0.54	0.54	0	0	-	-	0	0	0	0	640	HHEF	1	-	-	-
Antimony	SW-846:6020	ug/L	14	1	7	0.58	0.58	0.58	13	93	-	-	0	0	0	0	640	HHEF	2	-	-	-
Arsenic	EPA:200.7	ug/L	1	0	0	*6*	*6*	*6*	1	100	-	-	0	0	0	0	9	HHEF	1	-	-	-
Arsenic	SW-846:6010B	ug/L	5	0	0	*6*	*6*	*6*	5	100	-	-	0	0	0	0	9	HHEF	2	-	-	-
Arsenic	SW-846:6020	ug/L	9	6	67	4.9	6.88333	10.4	3	33	-	-	0	1	6	67	9	HHEF	2	1	2	South Fork of Sandia Canyon at E122
Barium	EPA:200.7	ug/L	1	1	100	76.9	76.9	76.9	0	0	-	-	0	0	0	0	-	-	1	-	-	-
Barium	SW-846:6010B	ug/L	14	14	100	30.1	66.35	106	0	0	-	-	0	0	0	0	-	-	2	-	-	-
Beryllium	EPA:200.7	ug/L	1	0	0	*1*	*1*	*1*	1	100	-	-	0	0	0	0	-	-	1	-	-	-
Beryllium	SW-846:6010B	ug/L	14	0	0	*1*	*1*	*1*	14	100	-	-	0	0	0	0	-	-	2	-	-	-
Boron	SW-846:6010B	ug/L	14	13	93	47.5	59.3077	93.2	1	7	-	-	0	0	0	0	750	IrF	2	-	-	-
Cadmium	EPA:200.8	ug/L	1	0	0	*0.1*	*0.1*	*0.1*	1	100	-	-	0	0	0	0	2	AqAcF	1	-	-	-
Cadmium	SW-846:6020	ug/L	14	0	0	*0.1*	*0.10214*	*0.11*	14	100	-	-	0	0	0	0	2	AqAcF	2	-	-	-
Chromium	EPA:200.7	ug/L	1	1	100	11.4	11.4	11.4	0	0	-	-	0	0	0	0	100	IrF	1	-	-	-
Chromium	SW-846:6020	ug/L	14	14	100	5.8	9.54286	14.8	0	0	-	-	0	0	0	0	100	IrF	2	-	-	-
Cobalt	EPA:200.7	ug/L	1	0	0	*1*	*1*	*1*	1	100	-	-	0	0	0	0	50	IrF	1	-	-	-
Cobalt	SW-846:6010B	ug/L	14	1	7	1.8	1.8	1.8	13	93	-	-	0	0	0	0	50	IrF	2	-	-	-
Copper	EPA:200.7	ug/L	1	1	100	3	3	3	0	0	-	-	0	0	0	0	13.4	AqAcF	1	-	-	-
Copper	SW-846:6010B	ug/L	14	5	36	3.1	4.44	5.8	9	64	-	-	0	0	0	0	13.4	AqAcF	2	-	-	-
Iron	EPA:200.7	ug/L	1	1	100	95.8	95.8	95.8	0	0	-	-	0	0	0	0	-	-	1	-	-	-
Iron	SW-846:6010B	ug/L	14	10	71	24.3	78.68	275	4	29	-	-	0	0	0	0	-	-	2	-	-	-
Lead	EPA:200.8	ug/L	1	0	0	*0.5*	*0.5*	*0.5*	1	100	-	-	0	0	0	0	64.6	AqAcF	1	-	-	-
Lead	SW-846:6020	ug/L	14	1	7	0.51	0.51	0.51	13	93	-	-	0	0	0	0	64.6	AqAcF	2	-	-	-
Manganese	EPA:200.7	ug/L	1	1	100	6.4	6.4	6.4	0	0	-	-	0	0	0	0	-	-	1	-	-	-
Manganese	SW-846:6010B	ug/L	14	12	86	2.8	11.9583	19.2	2	14	-	-	0	0	0	0	-	-	2	-	-	-
Mercury	EPA:245.2	ug/L	14	0	0	*0.03*	*0.05357*	*0.06*	14	100	-	-	0	0	0	0	1.4	AqAcF	2	-	-	-
Molybdenum	EPA:200.7	ug/L	1	1	100	2.5	2.5	2.5	0	0	-	-	0	0	0	0	1000	IrF	1	-	-	-
Molybdenum	SW-846:6010B	ug/L	14	11	79	2.8	8.89091	17.6	3	21	-	-	0	0	0	0	1000	IrF	2	-	-	-
Nickel	EPA:200.8	ug/L	1	1	100	0.71	0.71	0.71	0	0	-	-	0	0	0	0	467	AqAcF	1	-	-	-
Nickel	SW-846:6020	ug/L	14	13	93	0.56	1.28154	2.1	1	7	-	-	0	0	0	0	467	AqAcF	2	-	-	-

Table B-2
Screening Table for Sandia Watershed

Analyte	Method	Units	No. of Analyses	No. of Detects	D Rate %	Min	Mean	Max	No. of Non-detects	ND Rate %	BV	D> BV	ND> Std	D> Std	D> Std/2	D>Std/2 Rate %	Level	Std Type	Locations with Data (number)	D>Std (number of locations)	D>Std/2 (number of locations)	D>Std Stations
Selenium	EPA:200.8	ug/L	1	0	0	2.5	2.5	2.5	1	100	-	-	0	0	0	0	50	LWF	1	-	-	-
Selenium	SW-846:6020	ug/L	14	7	50	3.1	4.74286	7.4	7	50	-	-	0	0	0	0	50	LWF	2	-	-	-
Silver	EPA:200.8	ug/L	1	0	0	0.2	0.2	0.2	1	100	-	-	0	0	0	0	3.2	AqAcF	1	-	-	-
Silver	SW-846:6020	ug/L	14	1	7	0.21	0.21	0.21	13	93	-	-	0	0	0	0	3.2	AqAcF	2	-	-	-
Strontium	SW-846:6010B	ug/L	14	14	100	97.1	143.436	216	0	0	-	-	0	0	0	0	-	-	2	-	-	-
Thallium	EPA:200.8	ug/L	1	0	0	0.4	0.4	0.4	1	100	-	-	0	0	0	0	6.3	HHEF	1	-	-	-
Thallium	SW-846:6020	ug/L	14	1	7	0.53	0.53	0.53	13	93	-	-	0	0	0	0	6.3	HHEF	2	-	-	-
Tin	SW-846:6010B	ug/L	14	0	0	2.5	2.5	2.5	14	100	-	-	0	0	0	0	-	-	2	-	-	-
Uranium	SW-846:6020	ug/L	14	14	100	0.32	0.74429	1.3	0	0	-	-	0	0	0	0	-	-	2	-	-	-
Vanadium	EPA:200.7	ug/L	1	1	100	26.9	26.9	26.9	0	0	-	-	0	0	0	0	100	IrF	1	-	-	-
Vanadium	SW-846:6010B	ug/L	14	14	100	9.3	20.5143	36.6	0	0	-	-	0	0	0	0	100	IrF	2	-	-	-
Zinc	EPA:200.7	ug/L	1	1	100	7.6	7.6	7.6	0	0	-	-	0	0	0	0	117.2	AqAcF	1	-	-	-
Zinc	SW-846:6010B	ug/L	14	12	86	2.5	16.325	38.1	2	14	-	-	0	0	0	0	117.2	AqAcF	2	-	-	-
Sandia, Metals, UF, Ephemeral																						
Aluminum	EPA:200.7	ug/L	1	1	100	241	241	241	0	0	-	-	0	0	0	0	-	-	1	-	-	-
Aluminum	SW-846:6010B	ug/L	14	12	86	87.8	266.858	1010	2	14	-	-	0	0	0	0	-	-	2	-	-	-
Antimony	EPA:200.8	ug/L	1	0	0	0.5	0.5	0.5	1	100	-	-	0	0	0	0	-	-	1	-	-	-
Antimony	SW-846:6020	ug/L	14	0	0	0.5	0.88857	1.7	14	100	-	-	0	0	0	0	-	-	2	-	-	-
Arsenic	EPA:200.7	ug/L	1	0	0	6	6	6	1	100	-	-	0	0	0	0	-	-	1	-	-	-
Arsenic	SW-846:6010B	ug/L	5	1	20	6.5	6.5	6.5	4	80	-	-	0	0	0	0	-	-	2	-	-	-
Arsenic	SW-846:6020	ug/L	9	6	67	5	6.98333	10.1	3	33	-	-	0	0	0	0	-	-	2	-	-	-
Barium	EPA:200.7	ug/L	1	1	100	80.5	80.5	80.5	0	0	-	-	0	0	0	0	-	-	1	-	-	-
Barium	SW-846:6010B	ug/L	14	14	100	34.1	69.9429	115	0	0	-	-	0	0	0	0	-	-	2	-	-	-
Beryllium	EPA:200.7	ug/L	1	0	0	1	1	1	1	100	-	-	0	0	0	0	-	-	1	-	-	-
Beryllium	SW-846:6010B	ug/L	14	0	0	1	1	1	14	100	-	-	0	0	0	0	-	-	2	-	-	-
Boron	SW-846:6010B	ug/L	14	13	93	47.5	61.5846	106	1	7	-	-	0	0	0	0	-	-	2	-	-	-
Cadmium	EPA:200.8	ug/L	1	0	0	0.1	0.1	0.1	1	100	-	-	0	0	0	0	-	-	1	-	-	-
Cadmium	SW-846:6020	ug/L	14	0	0	0.1	0.10214	0.11	14	100	-	-	0	0	0	0	-	-	2	-	-	-
Chromium	EPA:200.7	ug/L	1	1	100	11.5	11.5	11.5	0	0	-	-	0	0	0	0	-	-	1	-	-	-
Chromium	SW-846:6020	ug/L	14	14	100	7.9	10.45	15.1	0	0	-	-	0	0	0	0	-	-	2	-	-	-
Chromium hexavalent ion	SW-846:7196A	ug/L	3	2	67	9.2	9.2	9.2	1	33	-	-	0	0	0	0	-	-	2	-	-	-
Cobalt	EPA:200.7	ug/L	1	0	0	1	1	1	1	100	-	-	0	0	0	0	-	-	1	-	-	-
Cobalt	SW-846:6010B	ug/L	14	0	0	1	1	1	14	100	-	-	0	0	0	0	-	-	2	-	-	-
Copper	EPA:200.7	ug/L	1	1	100	4	4	4	0	0	-	-	0	0	0	0	-	-	1	-	-	-
Copper	SW-846:6010B	ug/L	13	10	77	3	4.39	6.9	3	23	-	-	0	0	0	0	-	-	2	-	-	-
Iron	EPA:200.7	ug/L	1	1	100	163	163	163	0	0	-	-	0	0	0	0	-	-	1	-	-	-
Iron	SW-846:6010B	ug/L	14	12	86	65.1	206.758	672	2	14	-	-	0	0	0	0	-	-	2	-	-	-
Lead	EPA:200.8	ug/L	1	0	0	0.5	0.5	0.5	1	100	-	-	0	0	0	0	-	-	1	-	-	-
Lead	SW-846:6020	ug/L	14	9	64	0.61	0.81556	1.3	5	36	-	-	0	0	0	0	-	-	2	-	-	-
Manganese	EPA:200.7	ug/L	1	1	100	8.9	8.9	8.9	0	0	-	-	0	0	0	0	-	-	1	-	-	-
Manganese	SW-846:6010B	ug/L	14	14	100	2.7	13.0143	20.1	0	0	-	-	0	0	0	0	-	-	2	-	-	-
Mercury	EPA:245.2	ug/L	15	0	0	0.03	0.054	0.06	15	100	-	-	0	0	0	0	10	WHU	2	-	-	-
Molybdenum	EPA:200.7	ug/L	1	1	100	3	3	3	0	0	-	-	0	0	0	0	-	-	1	-	-	-
Molybdenum	SW-846:6010B	ug/L	14	12	86	2.6	8.41667	17.2	2	14	-	-	0	0	0	0	-	-	2	-	-	-
Nickel	EPA:200.8	ug/L	1	1	100	0.69	0.69	0.69	0	0	-	-	0	0	0	0	-	-	1	-	-	-
Nickel	SW-846:6020	ug/L	14	13	93	0.8	1.68077	4.5	1	7	-	-	0	0	0	0	-	-	2	-	-	-
Selenium	EPA:200.8	ug/L	1	0	0	2.5	2.5	2.5	1	100	-	-	0	0	0	0	20	AqAcU	1	-	-	-
Selenium	SW-846:6020	ug/L	14	7	50	3.2	4.6	5.7	7	50	-	-	0	0	0	0	20	AqAcU	2	-	-	-
Silver	EPA:200.8	ug/L	1	0	0	0.2	0.2	0.2	1	100	-	-	0	0	0	0	-	-	1	-	-	-
Silver	SW-846:6020	ug/L	14	2	14	0.24	0.3	0.36	12	86	-	-	0	0	0	0	-	-	2	-	-	-
Strontium	SW-846:6010B	ug/L	14	14	100	98.7	146.907	245	0	0	-	-	0	0	0	0	-	-	2	-	-	-
Thallium	EPA:200.8	ug/L	1	0	0	0.4	0.4	0.4	1	100	-	-	0	0	0	0	-	-	1	-	-	-
Thallium	SW-846:6020	ug/L	14	0	0	0.3	0.37857	0.4	14	100	-	-	0	0	0	0	-	-	2	-	-	-
Tin	SW-846:6010B	ug/L	14	0	0	2.5	2.5	2.5	14	100	-	-	0	0	0	0	-	-	2	-	-	-
Uranium	SW-846:6020	ug/L	14	14	100	0.35	0.78	1.5	0	0	-	-	0	0	0	0	-	-	2	-	-	-

Table B-2
Screening Table for Sandia Watershed

Analyte	Method	Units	No. of Analyses	No. of Detects	D Rate %	Min	Mean	Max	No. of Non-detects	ND Rate %	BV	D> BV	ND> Std	D> Std	D> Std/2	D>Std/2 Rate %	Level	Std Type	Locations with Data (number)	D>Std (number of locations)	D>Std/2 (number of locations)	D>Std Stations
Vanadium	EPA:200.7	ug/L	1	1	100	28.9	28.9	28.9	0	0	-	-	0	0	0	0	-	-	1	-	-	-
Vanadium	SW-846:6010B	ug/L	14	13	93	9.7	22.2615	43.1	1	7	-	-	0	0	0	0	-	-	2	-	-	-
Zinc	EPA:200.7	ug/L	1	1	100	10.6	10.6	10.6	0	0	-	-	0	0	0	0	-	-	1	-	-	-
Zinc	SW-846:6010B	ug/L	14	13	93	5	19.2231	35.1	1	7	-	-	0	0	0	0	-	-	2	-	-	-
Sandia, Metals, F, Perennial																						
Aluminum	EPA:200.7	ug/L	4	2	50	52.2	68.2	84.2	2	50	-	-	0	0	2	50	87	AqChrF	1	-	1	-
Aluminum	SW-846:6010B	ug/L	6	1	17	100	100	100	5	83	-	-	0	1	1	17	87	AqChrF	1	1	1	Sandia below Wetlands
Antimony	EPA:200.8	ug/L	4	1	25	0.275	0.275	0.275	3	75	-	-	0	0	0	0	640	HHPF	1	-	-	-
Antimony	SW-846:6020	ug/L	6	0	0	*0.5*	*0.52333*	*0.57*	6	100	-	-	0	0	0	0	640	HHPF	1	-	-	-
Arsenic	EPA:200.7	ug/L	4	1	25	3.05	3.05	3.05	3	75	-	-	0	0	0	0	9	HHPF	1	-	-	-
Arsenic	SW-846:6010B	ug/L	3	0	0	*6*	*6*	*6*	3	100	-	-	0	0	0	0	9	HHPF	1	-	-	-
Arsenic	SW-846:6020	ug/L	3	2	67	2	4.45	6.9	1	33	-	-	0	0	1	33	9	HHPF	1	-	1	-
Barium	EPA:200.7	ug/L	4	4	100	26.5	31.875	40.7	0	0	-	-	0	0	0	0	-	-	1	-	-	-
Barium	SW-846:6010B	ug/L	6	6	100	23.2	30.1167	34.5	0	0	-	-	0	0	0	0	-	-	1	-	-	-
Beryllium	EPA:200.7	ug/L	4	0	0	*0.172*	*0.3825*	*1*	4	100	-	-	0	0	0	0	-	-	1	-	-	-
Beryllium	SW-846:6010B	ug/L	6	0	0	*1*	*1*	*1*	6	100	-	-	0	0	0	0	-	-	1	-	-	-
Boron	EPA:200.7	ug/L	3	3	100	74.6	90.5667	115	0	0	-	-	0	0	0	0	750	IrF	1	-	-	-
Boron	SW-846:6010B	ug/L	6	6	100	51.1	64.5667	78.6	0	0	-	-	0	0	0	0	750	IrF	1	-	-	-
Cadmium	EPA:200.8	ug/L	4	1	25	0.093	0.093	0.093	3	75	-	-	0	0	0	0	0.2	AqChrF	1	-	-	-
Cadmium	SW-846:6020	ug/L	6	0	0	*0.1*	*0.10167*	*0.11*	6	100	-	-	0	0	0	0	0.2	AqChrF	1	-	-	-
Chromium	EPA:200.7	ug/L	4	4	100	4.25	5.4825	8.09	0	0	-	-	0	0	0	0	74.1	AqChrF	1	-	-	-
Chromium	SW-846:6010B	ug/L	1	1	100	3.8	3.8	3.8	0	0	-	-	0	0	0	0	74.1	AqChrF	1	-	-	-
Chromium	SW-846:6020	ug/L	5	3	60	3.9	4.7	5.3	2	40	-	-	0	0	0	0	74.1	AqChrF	1	-	-	-
Cobalt	EPA:200.7	ug/L	4	2	50	2.2	4.8	7.4	2	50	-	-	0	0	0	0	50	IrF	1	-	-	-
Cobalt	SW-846:6010B	ug/L	6	1	17	1.4	1.4	1.4	5	83	-	-	0	0	0	0	50	IrF	1	-	-	-
Copper	EPA:200.7	ug/L	4	4	100	3.48	4.3625	5.9	0	0	-	-	0	0	1	25	9	AqChrF	1	-	1	-
Copper	SW-846:6010B	ug/L	6	3	50	3.2	4.06667	4.7	3	50	-	-	0	0	1	17	9	AqChrF	1	-	1	-
Iron	EPA:200.7	ug/L	4	4	100	195	282.5	538	0	0	-	-	0	0	0	0	-	-	1	-	-	-
Iron	SW-846:6010B	ug/L	6	5	83	133	255.4	505	1	17	-	-	0	0	0	0	-	-	1	-	-	-
Lead	EPA:200.8	ug/L	4	3	75	0.533	0.684	0.869	1	25	-	-	0	0	0	0	2.5	AqChrF	1	-	-	-
Lead	SW-846:6020	ug/L	6	2	33	0.58	0.59	0.6	4	67	-	-	0	0	0	0	2.5	AqChrF	1	-	-	-
Manganese	EPA:200.7	ug/L	4	4	100	51.9	124.075	271	0	0	-	-	0	0	0	0	-	-	1	-	-	-
Manganese	SW-846:6010B	ug/L	6	6	100	36	91.9667	199	0	0	-	-	0	0	0	0	-	-	1	-	-	-
Mercury	EPA:245.1	ug/L	3	0	0	*0.0472*	*0.0558*	*0.073*	3	100	-	-	0	0	0	0	0.77	AqChrF	1	-	-	-
Mercury	EPA:245.2	ug/L	6	0	0	*0.03*	*0.05333*	*0.06*	6	100	-	-	0	0	0	0	0.77	AqChrF	1	-	-	-
Molybdenum	EPA:200.7	ug/L	4	2	50	4.8	10.3	15.8	2	50	-	-	0	0	0	0	1000	IrF	1	-	-	-
Molybdenum	SW-846:6010B	ug/L	6	5	83	6.5	9.66	11.9	1	17	-	-	0	0	0	0	1000	IrF	1	-	-	-
Nickel	EPA:200.7	ug/L	3	0	0	*3.6*	*3.6*	*3.6*	3	100	-	-	0	0	0	0	52	AqChrF	1	-	-	-
Nickel	EPA:200.8	ug/L	1	1	100	1.6	1.6	1.6	0	0	-	-	0	0	0	0	52	AqChrF	1	-	-	-
Nickel	SW-846:6020	ug/L	6	6	100	1.4	1.83333	2.1	0	0	-	-	0	0	0	0	52	AqChrF	1	-	-	-
Selenium	EPA:200.8	ug/L	1	0	0	*2.5*	*2.5*	*2.5*	1	100	-	-	0	0	0	0	50	LWF	1	-	-	-
Selenium	SW-846:6020	ug/L	6	0	0	*2.5*	*2.51667*	*2.6*	6	100	-	-	0	0	0	0	50	LWF	1	-	-	-
Silver	EPA:200.7	ug/L	3	0	0	*0.819*	*0.819*	*0.819*	3	100	-	-	0	0	0	0	3.2	AqAcF	1	-	-	-
Silver	EPA:200.8	ug/L	1	0	0	*0.2*	*0.2*	*0.2*	1	100	-	-	0	0	0	0	3.2	AqAcF	1	-	-	-
Silver	SW-846:6020	ug/L	6	0	0	*0.2*	*0.2*	*0.2*	6	100	-	-	0	0	0	0	3.2	AqAcF	1	-	-	-
Strontium	EPA:200.7	ug/L	3	3	100	73.2	92	108	0	0	-	-	0	0	0	0	-	-	1	-	-	-
Strontium	SW-846:6010B	ug/L	6	6	100	87.6	99.95	124	0	0	-	-	0	0	0	0	-	-	1	-	-	-
Thallium	EPA:200.8	ug/L	4	1	25	0.158	0.158	0.158	3	75	-	-	0	0	0	0	6.3	HHPF	1	-	-	-
Thallium	SW-846:6020	ug/L	6	0	0	*0.3*	*0.42167*	*0.63*	6	100	-	-	0	0	0	0	6.3	HHPF	1	-	-	-
Tin	EPA:200.7	ug/L	3	0	0	*1.55*	*1.55*	*1.55*	3	100	-	-	0	0	0	0	-	-	1	-	-	-
Tin	SW-846:6010B	ug/L	6	0	0	*2.5*	*2.5*	*2.5*	6	100	-	-	0	0	0	0	-	-	1	-	-	-
Uranium	SW-846:6020	ug/L	6	5	83	0.2	0.394	0.76	1	17	-	-	0	0	0	0	-	-	1	-	-	-
Vanadium	EPA:200.7	ug/L	4	4	100	9	11.5375	14.4	0	0	-	-	0	0	0	0	100	IrF	1	-	-	-
Vanadium	SW-846:6010B	ug/L	6	6	100	7.7	11.6667	15.6	0	0	-	-	0	0	0	0	100	IrF	1	-	-	-

Table B-2
Screening Table for Sandia Watershed

Analyte	Method	Units	No. of Analyses	No. of Detects	D Rate %	Min	Mean	Max	No. of Non-detects	ND Rate %	BV	D> BV	ND> Std	D> Std	D> Std/2	D>Std/2 Rate %	Level	Std Type	Locations with Data (number)	D>Std (number of locations)	D>Std/2 (number of locations)	D>Std Stations
Zinc	EPA:200.7	ug/L	4	4	100	46.4	67.225	99	0	0	-	-	0	0	2	50	117.2	AqAcF	1	-	1	-
Zinc	SW-846:6010B	ug/L	6	6	100	13.8	30.2667	52	0	0	-	-	0	0	0	0	117.2	AqAcF	1	-	-	-
Sandia, Metals, UF, Perennial																						
Aluminum	EPA:200.7	ug/L	1	1	100	1050	1050	1050	0	0	-	-	0	0	0	0	-	-	1	-	-	-
Aluminum	SW-846:6010B	ug/L	6	6	100	230	535.833	947	0	0	-	-	0	0	0	0	-	-	1	-	-	-
Antimony	EPA:200.8	ug/L	1	0	0	0.5	0.5	0.5	1	100	-	-	0	0	0	0	-	-	1	-	-	-
Antimony	SW-846:6020	ug/L	6	0	0	0.5	0.51167	0.54	6	100	-	-	0	0	0	0	-	-	1	-	-	-
Arsenic	EPA:200.7	ug/L	1	0	0	6	6	6	1	100	-	-	0	0	0	0	-	-	1	-	-	-
Arsenic	SW-846:6010B	ug/L	3	0	0	6	6	6	3	100	-	-	0	0	0	0	-	-	1	-	-	-
Arsenic	SW-846:6020	ug/L	3	2	67	2.8	5.85	8.9	1	33	-	-	0	0	0	0	-	-	1	-	-	-
Barium	EPA:200.7	ug/L	1	1	100	48.1	48.1	48.1	0	0	-	-	0	0	0	0	-	-	1	-	-	-
Barium	SW-846:6010B	ug/L	6	6	100	37.5	43.7	56.3	0	0	-	-	0	0	0	0	-	-	1	-	-	-
Beryllium	EPA:200.7	ug/L	1	0	0	1	1	1	1	100	-	-	0	0	0	0	-	-	1	-	-	-
Beryllium	SW-846:6010B	ug/L	6	0	0	1	1	1	6	100	-	-	0	0	0	0	-	-	1	-	-	-
Boron	SW-846:6010B	ug/L	6	6	100	54.7	64.7167	76.8	0	0	-	-	0	0	0	0	-	-	1	-	-	-
Cadmium	EPA:200.8	ug/L	1	0	0	0.1	0.1	0.1	1	100	-	-	0	0	0	0	-	-	1	-	-	-
Cadmium	SW-846:6020	ug/L	6	2	33	0.12	0.12	0.12	4	67	-	-	0	0	0	0	-	-	1	-	-	-
Chromium	EPA:200.7	ug/L	1	1	100	31.9	31.9	31.9	0	0	-	-	0	0	0	0	-	-	1	-	-	-
Chromium	SW-846:6010B	ug/L	1	1	100	12.2	12.2	12.2	0	0	-	-	0	0	0	0	-	-	1	-	-	-
Chromium	SW-846:6020	ug/L	5	5	100	9	17.62	40.4	0	0	-	-	0	0	0	0	-	-	1	-	-	-
Chromium hexavalent ion	SW-846:7196A	ug/L	1	0	0	20	20	20	1	100	-	-	0	0	0	0	-	-	1	-	-	-
Cobalt	EPA:200.7	ug/L	1	0	0	1	1	1	1	100	-	-	0	0	0	0	-	-	1	-	-	-
Cobalt	SW-846:6010B	ug/L	6	0	0	1	1	1	6	100	-	-	0	0	0	0	-	-	1	-	-	-
Copper	EPA:200.7	ug/L	1	1	100	10.9	10.9	10.9	0	0	-	-	0	0	0	0	-	-	1	-	-	-
Copper	SW-846:6010B	ug/L	5	5	100	4.6	6.8	9.4	0	0	-	-	0	0	0	0	-	-	1	-	-	-
Iron	EPA:200.7	ug/L	1	1	100	1190	1190	1190	0	0	-	-	0	0	0	0	-	-	1	-	-	-
Iron	SW-846:6010B	ug/L	6	6	100	456	821.167	1230	0	0	-	-	0	0	0	0	-	-	1	-	-	-
Lead	EPA:200.8	ug/L	1	1	100	2.8	2.8	2.8	0	0	-	-	0	0	0	0	-	-	1	-	-	-
Lead	SW-846:6020	ug/L	6	5	83	1.5	2.7	4.7	1	17	-	-	0	0	0	0	-	-	1	-	-	-
Manganese	EPA:200.7	ug/L	1	1	100	127	127	127	0	0	-	-	0	0	0	0	-	-	1	-	-	-
Manganese	SW-846:6010B	ug/L	6	6	100	47.6	139.683	224	0	0	-	-	0	0	0	0	-	-	1	-	-	-
Mercury	EPA:245.1	ug/L	3	1	33	0.0572	0.0572	0.0572	2	67	-	-	0	0	0	0	10	WHU	1	-	-	-
Mercury	EPA:245.2	ug/L	7	2	29	0.089	0.0895	0.09	5	71	-	-	0	0	0	0	10	WHU	1	-	-	-
Molybdenum	EPA:200.7	ug/L	1	1	100	6.2	6.2	6.2	0	0	-	-	0	0	0	0	-	-	1	-	-	-
Molybdenum	SW-846:6010B	ug/L	6	5	83	6.2	9.48	12.5	1	17	-	-	0	0	0	0	-	-	1	-	-	-
Nickel	EPA:200.8	ug/L	1	1	100	1.8	1.8	1.8	0	0	-	-	0	0	0	0	-	-	1	-	-	-
Nickel	SW-846:6020	ug/L	6	6	100	1.7	2.25	3.1	0	0	-	-	0	0	0	0	-	-	1	-	-	-
Selenium	EPA:200.7	ug/L	3	1	33	2.51	2.51	2.51	2	67	-	-	0	0	0	0	20	AqAcU	1	-	-	-
Selenium	EPA:200.8	ug/L	1	0	0	2.5	2.5	2.5	1	100	-	-	0	0	0	0	20	AqAcU	1	-	-	-
Selenium	SW-846:6020	ug/L	6	0	0	2.5	2.5	2.5	6	100	-	-	0	0	0	0	20	AqAcU	1	-	-	-
Silver	EPA:200.8	ug/L	1	1	100	0.33	0.33	0.33	0	0	-	-	0	0	0	0	-	-	1	-	-	-
Silver	SW-846:6020	ug/L	6	5	83	0.28	0.722	1.5	1	17	-	-	0	0	0	0	-	-	1	-	-	-
Strontium	SW-846:6010B	ug/L	6	6	100	88.8	103.133	123	0	0	-	-	0	0	0	0	-	-	1	-	-	-
Thallium	EPA:200.8	ug/L	1	0	0	0.4	0.4	0.4	1	100	-	-	0	0	0	0	-	-	1	-	-	-
Thallium	SW-846:6020	ug/L	6	0	0	0.3	0.38333	0.4	6	100	-	-	0	0	0	0	-	-	1	-	-	-
Tin	SW-846:6010B	ug/L	6	0	0	2.5	2.5	2.5	6	100	-	-	0	0	0	0	-	-	1	-	-	-
Uranium	SW-846:6020	ug/L	6	6	100	0.24	0.45167	0.74	0	0	-	-	0	0	0	0	-	-	1	-	-	-
Vanadium	EPA:200.7	ug/L	1	1	100	15.6	15.6	15.6	0	0	-	-	0	0	0	0	-	-	1	-	-	-
Vanadium	SW-846:6010B	ug/L	6	6	100	8.8	12.4167	15.2	0	0	-	-	0	0	0	0	-	-	1	-	-	-
Zinc	EPA:200.7	ug/L	1	1	100	77.3	77.3	77.3	0	0	-	-	0	0	0	0	-	-	1	-	-	-
Zinc	SW-846:6010B	ug/L	6	6	100	21.1	50.25	97.8	0	0	-	-	0	0	0	0	-	-	1	-	-	-
Sandia, Metals, F, Alluvial																						
Aluminum	SW-846:6010B	ug/L	9	7	78	68.9	234.743	607	2	22	-	-	0	0	0	0	5000	NMGSF	4	-	-	-
Antimony	SW-846:6020	ug/L	9	0	0	0.5	0.58222	1.1	9	100	-	-	0	0	0	0	6	MCL	4	-	-	-
Arsenic	SW-846:6010B	ug/L	3	1	33	8.7	8.7	8.7	2	67	-	-	0	0	1	33	10	MCL	2	-	1	-

Table B-2
Screening Table for Sandia Watershed

Analyte	Method	Units	No. of Analyses	No. of Detects	D Rate %	Min	Mean	Max	No. of Non-detects	ND Rate %	BV	D> BV	ND> Std	D> Std	D> Std/2	D>Std/2 Rate %	Level	Std Type	Locations with Data (number)	D>Std (number of locations)	D>Std/2 (number of locations)	D>Std Stations
Arsenic	SW-846:6020	ug/L	6	4	67	2.2	6.025	13	2	33	-	-	0	1	1	17	10	MCL	3	1	1	SCA-4
Barium	SW-846:6010B	ug/L	9	9	100	47.7	67.4	88.8	0	0	-	-	0	0	0	0	1000	NMGSF	4	-	-	-
Beryllium	SW-846:6010B	ug/L	9	0	0	*1*	*1*	*1*	9	100	-	-	0	0	0	0	4	MCL	4	-	-	-
Boron	SW-846:6010B	ug/L	9	9	100	45	62.0444	81.3	0	0	-	-	0	0	0	0	750	NMGSF	4	-	-	-
Cadmium	SW-846:6020	ug/L	9	0	0	*0.1*	*0.10111*	*0.11*	9	100	-	-	0	0	0	0	5	MCL	4	-	-	-
Chromium	SW-846:6020	ug/L	9	6	67	6.2	12.5	32.2	3	33	-	-	0	0	1	11	50	NMGSF	4	-	1	-
Cobalt	SW-846:6010B	ug/L	9	3	33	3	7.26667	14.8	6	67	-	-	0	0	0	0	50	NMGSF	4	-	-	-
Copper	SW-846:6010B	ug/L	8	3	38	3.2	3.3	3.4	5	63	-	-	0	0	0	0	1000	NMGSF	4	-	-	-
Iron	SW-846:6010B	ug/L	9	9	100	84.3	662.811	2150	0	0	-	-	0	2	4	44	1000	NMGSF	4	1	1	SCA-1
Lead	SW-846:6020	ug/L	9	0	0	*0.5*	*0.5*	*0.5*	9	100	-	-	0	0	0	0	15	MCL	4	-	-	-
Manganese	SW-846:6010B	ug/L	9	7	78	10.9	492.943	1380	2	22	-	-	0	4	4	44	200	NMGSF	4	1	1	SCA-1
Mercury	EPA:245.2	ug/L	8	1	13	0.13	0.13	0.13	7	88	-	-	0	0	0	0	2	MCL	4	-	-	-
Molybdenum	SW-846:6010B	ug/L	9	2	22	52.7	59.85	67	7	78	-	-	0	0	0	0	1000	NMGSF	4	-	-	-
Nickel	SW-846:6020	ug/L	9	8	89	1.5	2.175	4.1	1	11	-	-	0	0	0	0	100	MCL	4	-	-	-
Selenium	SW-846:6020	ug/L	9	1	11	1	1	1	8	89	-	-	0	0	0	0	50	NMGSF	4	-	-	-
Silver	SW-846:6020	ug/L	9	0	0	*0.2*	*0.2*	*0.2*	9	100	-	-	0	0	0	0	50	NMGSF	4	-	-	-
Strontium	SW-846:6010B	ug/L	9	9	100	79.3	119.033	169	0	0	-	-	0	0	0	0	21900	Reg6	4	-	-	-
Thallium	SW-846:6020	ug/L	9	3	33	0.46	0.66333	0.99	6	67	-	-	0	0	0	0	2	MCL	4	-	-	-
Tin	SW-846:6010B	ug/L	9	0	0	*2.5*	*2.73333*	*4.2*	9	100	-	-	0	0	0	0	21900	Reg6	4	-	-	-
Uranium	SW-846:6020	ug/L	9	7	78	0.11	0.50143	1.4	2	22	-	-	0	0	0	0	30	NMGSF	4	-	-	-
Vanadium	SW-846:6010B	ug/L	9	5	56	4.6	8.12	16.7	4	44	-	-	0	0	0	0	182.5	Reg6	4	-	-	-
Zinc	SW-846:6010B	ug/L	9	7	78	2	14.9286	29.2	2	22	-	-	0	0	0	0	10000	NMGSF	4	-	-	-
Sandia, Metals, UF, Alluvial																						
Aluminum	SW-846:6010B	ug/L	9	8	89	568	5360	14200	1	11	-	-	0	0	0	0	36500	Reg6	4	-	-	-
Antimony	SW-846:6020	ug/L	9	0	0	*0.5*	*0.50667*	*0.56*	9	100	-	-	0	0	0	0	6	MCL	4	-	-	-
Arsenic	SW-846:6010B	ug/L	3	0	0	*6*	*6*	*6*	3	100	-	-	0	0	0	0	10	MCL	2	-	-	-
Arsenic	SW-846:6020	ug/L	6	4	67	1.6	6.275	15	2	33	-	-	0	1	1	17	10	MCL	3	1	1	SCA-4
Barium	SW-846:6010B	ug/L	9	9	100	50.2	110.733	302	0	0	-	-	0	0	0	0	2000	MCL	4	-	-	-
Beryllium	SW-846:6010B	ug/L	9	3	33	1.1	1.53333	2.4	6	67	-	-	0	0	1	11	4	MCL	4	-	1	-
Boron	SW-846:6010B	ug/L	9	9	100	47.7	61.1889	85.2	0	0	-	-	0	0	0	0	7300	Reg6	4	-	-	-
Cadmium	SW-846:6020	ug/L	9	3	33	0.23	0.39333	0.67	6	67	-	-	0	0	0	0	5	MCL	4	-	-	-
Chromium	SW-846:6020	ug/L	9	8	89	5.9	15.8875	40.3	1	11	-	-	0	0	0	0	100	MCL	4	-	-	-
Cobalt	SW-846:6010B	ug/L	9	0	0	*1*	*1.28889*	*2.5*	9	100	-	-	0	0	0	0	730	Reg6	4	-	-	-
Copper	SW-846:6010B	ug/L	8	5	63	3.1	4.76	7.4	3	38	-	-	0	0	0	0	1300	MCL	4	-	-	-
Iron	SW-846:6010B	ug/L	9	9	100	478	2857.11	6040	0	0	-	-	0	0	0	0	25550	Reg6	4	-	-	-
Lead	SW-846:6020	ug/L	9	8	89	0.7	4.7375	19.8	1	11	-	-	0	1	1	11	15	Reg6	4	1	1	SCA-4
Manganese	SW-846:6010B	ug/L	9	9	100	8.4	534.533	1460	0	0	-	-	0	0	3	33	1703.09	Reg6	4	-	1	-
Mercury	EPA:245.2	ug/L	8	0	0	*0.03*	*0.05625*	*0.06*	8	100	-	-	0	0	0	0	2	NMGSU	4	-	-	-
Molybdenum	SW-846:6010B	ug/L	9	4	44	2.1	21.25	59.7	5	56	-	-	0	0	0	0	182.5	Reg6	4	-	-	-
Nickel	SW-846:6020	ug/L	9	7	78	1.7	3.35714	8.5	2	22	-	-	0	0	0	0	100	MCL	4	-	-	-
Selenium	SW-846:6020	ug/L	9	0	0	*1*	*2.33333*	*2.5*	9	100	-	-	0	0	0	0	50	MCL	4	-	-	-
Silver	SW-846:6020	ug/L	9	6	67	0.22	0.47	0.83	3	33	-	-	0	0	0	0	182.5	Reg6	4	-	-	-
Strontium	SW-846:6010B	ug/L	9	9	100	101	126.111	186	0	0	-	-	0	0	0	0	21900	Reg6	4	-	-	-
Thallium	SW-846:6020	ug/L	9	0	0	*0.4*	*0.40111*	*0.41*	9	100	-	-	0	0	0	0	2	MCL	4	-	-	-
Tin	SW-846:6010B	ug/L	9	0	0	*2.5*	*2.64444*	*3.3*	9	100	-	-	0	0	0	0	21900	Reg6	4	-	-	-
Uranium	SW-846:6020	ug/L	9	7	78	0.14	0.84143	2.4	2	22	-	-	0	0	0	0	30	MCL	4	-	-	-
Vanadium	SW-846:6010B	ug/L	9	8	89	5.6	9.8875	19.2	1	11	-	-	0	0	0	0	182.5	Reg6	4	-	-	-
Zinc	SW-846:6010B	ug/L	9	9	100	2.9	22.6778	38.4	0	0	-	-	0	0	0	0	10950	Reg6	4	-	-	-
Sandia, Metals, F, Intermediate																						
Aluminum	SW-846:6010B	ug/L	7	0	0	*68*	*68*	*68*	7	100	-	-	0	0	0	0	5000	NMGSF	2	-	-	-
Antimony	SW-846:6020	ug/L	7	1	14	1.9	1.9	1.9	6	86	-	-	0	0	0	0	6	MCL	2	-	-	-
Arsenic	SW-846:6010B	ug/L	3	0	0	*6*	*6*	*6*	3	100	-	-	0	0	0	0	10	MCL	1	-	-	-
Arsenic	SW-846:6020	ug/L	4	2	50	2	2.1	2.2	2	50	-	-	0	0	0	0	10	MCL	1	-	-	-
Barium	SW-846:6010B	ug/L	7	7	100	12.2	35.8286	44.6	0	0	-	-	0	0	0	0	1000	NMGSF	2	-	-	-
Beryllium	SW-846:6010B	ug/L	7	0	0	*1*	*1*	*1*	7	100	-	-	0	0	0	0	4	MCL	2	-	-	-

Table B-2
Screening Table for Sandia Watershed

Analyte	Method	Units	No. of Analyses	No. of Detects	D Rate %	Min	Mean	Max	No. of Non-detects	ND Rate %	BV	D> BV	ND> Std	D> Std	D> Std/2	D>Std/2 Rate %	Level	Std Type	Locations with Data (number)	D>Std (number of locations)	D>Std/2 (number of locations)	D>Std Stations
Boron	SW-846:6010B	ug/L	7	7	100	41.7	80.6571	98	0	0	-	-	0	0	0	0	750	NMGSF	2	-	-	-
Cadmium	SW-846:6020	ug/L	7	0	0	*0.1*	*0.10143*	*0.11*	7	100	-	-	0	0	0	0	5	MCL	2	-	-	-
Chromium	SW-846:6010B	ug/L	3	0	0	*1*	*1.06667*	*1.2*	3	100	-	-	0	0	0	0	50	NMGSF	1	-	-	-
Chromium	SW-846:6020	ug/L	4	4	100	13.5	16.675	22.1	0	0	-	-	0	0	0	0	50	NMGSF	1	-	-	-
Chromium hexavalent ion	SW-846:7199	ug/L	2	0	0	*0.4*	*0.4*	*0.4*	2	100	-	-	0	0	0	0	50	NMGSF	1	-	-	-
Cobalt	SW-846:6010B	ug/L	7	0	0	*1*	*1.6*	*3.5*	7	100	-	-	0	0	0	0	50	NMGSF	2	-	-	-
Copper	SW-846:6010B	ug/L	5	2	40	3.2	3.75	4.3	3	60	-	-	0	0	0	0	1000	NMGSF	2	-	-	-
Iron	SW-846:6010B	ug/L	7	3	43	32.3	66.4667	113	4	57	-	-	0	0	0	0	1000	NMGSF	2	-	-	-
Lead	SW-846:6020	ug/L	7	2	29	1.5	1.8	2.1	5	71	-	-	0	0	0	0	15	MCL	2	-	-	-
Manganese	SW-846:6010B	ug/L	7	4	57	4.3	29.5	54.3	3	43	-	-	0	0	0	0	200	NMGSF	2	-	-	-
Mercury	EPA:245.2	ug/L	7	0	0	*0.03*	*0.05143*	*0.06*	7	100	-	-	0	0	0	0	2	MCL	2	-	-	-
Molybdenum	SW-846:6010B	ug/L	7	7	100	4.8	32.7286	49.8	0	0	-	-	0	0	0	0	1000	NMGSF	2	-	-	-
Nickel	SW-846:6020	ug/L	7	7	100	0.65	4.25	8.1	0	0	-	-	0	0	0	0	100	MCL	2	-	-	-
Selenium	SW-846:6020	ug/L	7	0	0	*2.5*	*2.64286*	*3.5*	7	100	-	-	0	0	0	0	50	NMGSF	2	-	-	-
Silver	SW-846:6020	ug/L	7	0	0	*0.2*	*0.2*	*0.2*	7	100	-	-	0	0	0	0	50	NMGSF	2	-	-	-
Strontium	SW-846:6010B	ug/L	7	7	100	14.9	229.543	383	0	0	-	-	0	0	0	0	21900	Reg6	2	-	-	-
Thallium	SW-846:6020	ug/L	7	1	14	0.43	0.43	0.43	6	86	-	-	0	0	0	0	2	MCL	2	-	-	-
Tin	SW-846:6010B	ug/L	7	0	0	*2.5*	*2.54286*	*2.8*	7	100	-	-	0	0	0	0	21900	Reg6	2	-	-	-
Uranium	SW-846:6020	ug/L	7	5	71	0.81	2.382	2.9	2	29	-	-	0	0	0	0	30	NMGSF	2	-	-	-
Vanadium	SW-846:6010B	ug/L	7	2	29	1.1	1.3	1.5	5	71	-	-	0	0	0	0	182.5	Reg6	2	-	-	-
Zinc	SW-846:6010B	ug/L	7	2	29	2.4	2.75	3.1	5	71	-	-	0	0	0	0	10000	NMGSF	2	-	-	-
Sandia, Metals, UF, Intermediate																						
Aluminum	SW-846:6010B	ug/L	12	5	42	63.3	150.44	305	7	58	-	-	0	0	0	0	36500	Reg6	2	-	-	-
Antimony	SW-846:6020	ug/L	12	0	0	*0.28*	*0.40833*	*0.5*	12	100	-	-	0	0	0	0	6	MCL	2	-	-	-
Arsenic	SW-846:6010B	ug/L	8	3	38	2.37	2.96	3.77	5	63	-	-	0	0	0	0	10	MCL	1	-	-	-
Arsenic	SW-846:6020	ug/L	4	2	50	1.9	2.2	2.5	2	50	-	-	0	0	0	0	10	MCL	1	-	-	-
Barium	SW-846:6010B	ug/L	12	12	100	11.5	33.9667	48.9	0	0	-	-	0	0	0	0	2000	MCL	2	-	-	-
Beryllium	SW-846:6010B	ug/L	12	0	0	*0.158*	*0.64917*	*1*	12	100	-	-	0	0	0	0	4	MCL	2	-	-	-
Boron	SW-846:6010B	ug/L	12	12	100	26.8	73.9	108	0	0	-	-	0	0	0	0	7300	Reg6	2	-	-	-
Cadmium	SW-846:6020	ug/L	12	1	8	0.072	0.072	0.072	11	92	-	-	0	0	0	0	5	MCL	2	-	-	-
Chromium	SW-846:6010B	ug/L	8	4	50	0.528	3.9995	7.61	4	50	-	-	0	0	0	0	100	MCL	1	-	-	-
Chromium	SW-846:6020	ug/L	4	4	100	16.4	19.325	22	0	0	-	-	0	0	0	0	100	MCL	1	-	-	-
Chromium hexavalent ion	SW-846:7199	ug/L	2	2	100	0.33	0.415	0.5	0	0	-	-	0	0	0	0	100	MCL	1	-	-	-
Cobalt	SW-846:6010B	ug/L	12	1	8	8.47	8.47	8.47	11	92	-	-	0	0	0	0	730	Reg6	2	-	-	-
Copper	SW-846:6010B	ug/L	11	6	55	3.3	6.57833	14.2	5	45	-	-	0	0	0	0	1300	MCL	2	-	-	-
Iron	SW-846:6010B	ug/L	12	9	75	13.2	336.056	1660	3	25	-	-	0	0	0	0	25550	Reg6	2	-	-	-
Lead	SW-846:6020	ug/L	12	6	50	0.117	2.8795	6.77	6	50	-	-	0	0	0	0	15	Reg6	2	-	-	-
Manganese	SW-846:6010B	ug/L	12	9	75	10.9	56.8778	108	3	25	-	-	0	0	0	0	1703.09	Reg6	2	-	-	-
Mercury	EPA:245.1	ug/L	5	0	0	*0.0472*	*0.0472*	*0.0472*	5	100	-	-	0	0	0	0	2	NMGSU	1	-	-	-
Mercury	EPA:245.2	ug/L	7	0	0	*0.03*	*0.05143*	*0.06*	7	100	-	-	0	0	0	0	2	NMGSU	2	-	-	-
Molybdenum	SW-846:6010B	ug/L	12	12	100	4	24.6017	49.2	0	0	-	-	0	0	0	0	182.5	Reg6	2	-	-	-
Nickel	SW-846:6010B	ug/L	5	2	40	4.97	6.08	7.19	3	60	-	-	0	0	0	0	100	MCL	1	-	-	-
Nickel	SW-846:6020	ug/L	7	7	100	0.8	4.77143	8.5	0	0	-	-	0	0	0	0	100	MCL	2	-	-	-
Selenium	SW-846:6010B	ug/L	5	0	0	*2.81*	*3.21*	*4.81*	5	100	-	-	0	0	0	0	50	MCL	1	-	-	-
Selenium	SW-846:6020	ug/L	7	0	0	*1.3*	*2.32857*	*2.5*	7	100	-	-	0	0	0	0	50	MCL	2	-	-	-
Silver	SW-846:6010B	ug/L	5	0	0	*0.835*	*0.835*	*0.835*	5	100	-	-	0	0	0	0	182.5	Reg6	1	-	-	-
Silver	SW-846:6020	ug/L	7	0	0	*0.2*	*0.2*	*0.2*	7	100	-	-	0	0	0	0	182.5	Reg6	2	-	-	-
Strontium	SW-846:6010B	ug/L	12	12	100	15.4	148.233	394	0	0	-	-	0	0	0	0	21900	Reg6	2	-	-	-
Thallium	SW-846:6020	ug/L	12	2	17	0.095	0.2555	0.416	10	83	-	-	0	0	0	0	2	MCL	2	-	-	-
Tin	SW-846:6010B	ug/L	12	1	8	4.7	4.7	4.7	11	92	-	-	0	0	0	0	21900	Reg6	2	-	-	-
Uranium	SW-846:6020	ug/L	10	7	70	0.026	1.77471	2.9	3	30	-	-	0	0	0	0	30	MCL	2	-	-	-
Vanadium	SW-846:6010B	ug/L	12	4	33	1.23	1.8525	2.58	8	67	-	-	0	0	0	0	182.5	Reg6	2	-	-	-
Zinc	SW-846:6010B	ug/L	12	5	42	2.8	16.32	66.8	7	58	-	-	0	0	0	0	10950	Reg6	2	-	-	-
Sandia, Metals, F, Regional																						
Aluminum	SW-846:6010B	ug/L	37	1	3	75	75	75	36	97	73.5	1	0	0	0	0	5000	NMGSF	6	-	-	-

Table B-2
Screening Table for Sandia Watershed

Analyte	Method	Units	No. of Analyses	No. of Detects	D Rate %	Min	Mean	Max	No. of Non-detects	ND Rate %	BV	D> BV	ND> Std	D> Std	D> Std/2	D>Std/2 Rate %	Level	Std Type	Locations with Data (number)	D>Std (number of locations)	D>Std/2 (number of locations)	D>Std Stations
Antimony	SW-846:6020	ug/L	37	0	0	*0.5*	*0.51351*	*0.79*	37	100	1	-	0	0	0	0	6	MCL	6	-	-	-
Arsenic	SW-846:6010B	ug/L	20	0	0	*6*	*6*	*6*	20	100	12	-	0	0	0	0	10	MCL	4	-	-	-
Arsenic	SW-846:6020	ug/L	17	8	47	1.6	2.275	3.3	9	53	12	-	0	0	0	0	10	MCL	5	-	-	-
Barium	SW-846:6010B	ug/L	37	37	100	30.6	64.8108	299	0	0	56.83	3	0	0	0	0	1000	NMGSF	6	-	-	-
Beryllium	SW-846:6010B	ug/L	32	0	0	*1*	*1*	*1*	32	100	0.5	-	0	0	0	0	4	MCL	6	-	-	-
Beryllium	SW-846:6020	ug/L	5	0	0	*0.1*	*0.1*	*0.1*	5	100	0.5	-	0	0	0	0	4	MCL	1	-	-	-
Boron	SW-846:6010B	ug/L	37	34	92	11.9	28.6706	62.4	3	8	38.77	2	0	0	0	0	750	NMGSF	6	-	-	-
Cadmium	SW-846:6020	ug/L	37	0	0	*0.1*	*0.10189*	*0.11*	37	100	0.5	-	0	0	0	0	5	MCL	6	-	-	-
Chromium	SW-846:6010B	ug/L	10	8	80	1	16.125	25.5	2	20	5.75	1	0	0	1	10	50	NMGSF	3	-	1	-
Chromium	SW-846:6020	ug/L	28	27	96	2.4	13.1	34.9	1	4	5.75	2	0	0	9	32	50	NMGSF	5	-	1	-
Chromium hexavalent ion	SW-846:6020	ug/L	1	1	100	22.6	22.6	22.6	0	0	-	-	0	0	0	0	50	NMGSF	1	-	-	-
Chromium hexavalent ion	SW-846:7199	ug/L	4	4	100	0.3	14.45	27.3	0	0	-	-	0	0	2	50	50	NMGSF	3	-	1	-
Cobalt	SW-846:6010B	ug/L	37	0	0	*1*	*1.02432*	*1.4*	37	100	7	-	0	0	0	0	50	NMGSF	6	-	-	-
Copper	SW-846:6010B	ug/L	30	15	50	3.1	3.70667	5	15	50	5	-	0	0	0	0	1000	NMGSF	5	-	-	-
Iron	SW-846:6010B	ug/L	37	14	38	18.4	51.9929	151	23	62	147	1	0	0	0	0	1000	NMGSF	6	-	-	-
Lead	SW-846:6020	ug/L	37	0	0	*0.5*	*0.5*	*0.5*	37	100	2.9	-	0	0	0	0	15	MCL	6	-	-	-
Manganese	SW-846:6010B	ug/L	32	8	25	2.4	39.2875	122	24	75	124	-	0	0	2	6	200	NMGSF	6	-	1	-
Manganese	SW-846:6020	ug/L	5	0	0	*1*	*1*	*1*	5	100	124	-	0	0	0	0	200	NMGSF	1	-	-	-
Mercury	EPA:245.2	ug/L	31	0	0	*0.03*	*0.05194*	*0.06*	31	100	0.26	-	0	0	0	0	2	MCL	6	-	-	-
Mercury	SW-846:7470A	ug/L	5	0	0	*0.05*	*0.0502*	*0.051*	5	100	0.26	-	0	0	0	0	2	MCL	1	-	-	-
Molybdenum	SW-846:6010B	ug/L	32	8	25	2.2	3.1375	6.8	24	75	4.4	1	0	0	0	0	1000	NMGSF	6	-	-	-
Molybdenum	SW-846:6020	ug/L	5	5	100	2	2.02	2.1	0	0	4.4	-	0	0	0	0	1000	NMGSF	1	-	-	-
Nickel	SW-846:6010B	ug/L	5	2	40	1	1	1	3	60	50	-	0	0	0	0	100	MCL	1	-	-	-
Nickel	SW-846:6020	ug/L	32	30	94	0.58	1.18933	2	2	6	50	-	0	0	0	0	100	MCL	6	-	-	-
Selenium	SW-846:6010B	ug/L	5	1	20	9.2	9.2	9.2	4	80	3.93	1	0	0	0	0	50	NMGSF	1	-	-	-
Selenium	SW-846:6020	ug/L	32	1	3	1.1	1.1	1.1	31	97	3.93	-	0	0	0	0	50	NMGSF	6	-	-	-
Silver	SW-846:6010B	ug/L	5	0	0	*1*	*1*	*1*	5	100	2.5	-	0	0	0	0	50	NMGSF	1	-	-	-
Silver	SW-846:6020	ug/L	32	0	0	*0.2*	*0.2*	*0.2*	32	100	2.5	-	0	0	0	0	50	NMGSF	6	-	-	-
Strontium	SW-846:6010B	ug/L	37	37	100	74.7	133.805	244	0	0	540	-	0	0	0	0	21900	Reg6	6	-	-	-
Thallium	SW-846:6020	ug/L	37	6	16	0.37	0.44333	0.52	31	84	0.83	-	0	0	0	0	2	MCL	6	-	-	-
Tin	SW-846:6010B	ug/L	32	0	0	*2.5*	*2.6625*	*4.8*	32	100	3.6	-	0	0	0	0	21900	Reg6	6	-	-	-
Uranium	SW-846:6020	ug/L	37	37	100	0.54	1.62297	4.6	0	0	1.9	1	0	0	0	0	30	NMGSF	6	-	-	-
Vanadium	SW-846:6010B	ug/L	37	28	76	5.4	8.28214	13.6	9	24	13.41	1	0	0	0	0	182.5	Reg6	6	-	-	-
Zinc	SW-846:6010B	ug/L	37	34	92	5.9	25.7	185	3	8	32	4	0	0	0	0	10000	NMGSF	6	-	-	-
Sandia, Metals, UF, Regional																						
Aluminum	SW-846:6010B	ug/L	40	5	13	15.6	60.9	101	35	88	-	-	0	0	0	0	36500	Reg6	6	-	-	-
Antimony	SW-846:6020	ug/L	41	0	0	*0.28*	*0.52732*	*1.3*	41	100	-	-	0	0	0	0	6	MCL	6	-	-	-
Arsenic	SW-846:6010B	ug/L	24	1	4	2.5	2.5	2.5	23	96	-	-	0	0	0	0	10	MCL	4	-	-	-
Arsenic	SW-846:6020	ug/L	17	10	59	1.6	2.14	3.7	7	41	-	-	0	0	0	0	10	MCL	5	-	-	-
Barium	SW-846:6010B	ug/L	41	41	100	31.7	70.1049	305	0	0	-	-	0	0	0	0	2000	MCL	6	-	-	-
Beryllium	SW-846:6010B	ug/L	35	0	0	*0.158*	*0.95189*	*1*	35	100	-	-	0	0	0	0	4	MCL	6	-	-	-
Beryllium	SW-846:6020	ug/L	5	0	0	*0.1*	*0.1*	*0.1*	5	100	-	-	0	0	0	0	4	MCL	1	-	-	-
Boron	SW-846:6010B	ug/L	41	38	93	11.9	31.4026	63.9	3	7	-	-	0	0	0	0	7300	Reg6	6	-	-	-
Cadmium	SW-846:6020	ug/L	41	1	2	0.22	0.22	0.22	40	98	-	-	0	0	0	0	5	MCL	6	-	-	-
Chromium	SW-846:6010B	ug/L	13	11	85	1.39	13.36	25.1	2	15	-	-	0	0	0	0	100	MCL	3	-	-	-
Chromium	SW-846:6020	ug/L	29	28	97	2.6	13.525	35.1	1	3	-	-	0	0	0	0	100	MCL	5	-	-	-
Chromium hexavalent ion	SW-846:7196A	ug/L	5	5	100	2.3	13.54	30.9	0	0	-	-	0	0	0	0	100	MCL	3	-	-	-
Chromium hexavalent ion	SW-846:7199	ug/L	3	3	100	0.5	10.4	26.4	0	0	-	-	0	0	0	0	100	MCL	3	-	-	-
Cobalt	SW-846:6010B	ug/L	41	0	0	*0.541*	*1.011*	*1.6*	41	100	-	-	0	0	0	0	730	Reg6	6	-	-	-
Copper	SW-846:6010B	ug/L	37	18	49	1.76	5.73667	15.3	19	51	-	-	0	0	0	0	1300	MCL	6	-	-	-
Iron	SW-846:6010B	ug/L	41	26	63	21.1	224.654	792	15	37	-	-	0	0	0	0	25550	Reg6	6	-	-	-
Lead	SW-846:6020	ug/L	41	8	20	0.059	1.63963	4.4	33	80	-	-	0	0	0	0	15	Reg6	6	-	-	-
Manganese	SW-846:6010B	ug/L	36	18	50	2.5	62.3611	283	18	50	-	-	0	0	0	0	1703.09	Reg6	6	-	-	-
Manganese	SW-846:6020	ug/L	5	1	20	1.1	1.1	1.1	4	80	-	-	0	0	0	0	1703.09	Reg6	1	-	-	-
Mercury	EPA:245.1	ug/L	3	0	0	*0.0472*	*0.0472*	*0.0472*	3	100	0.24	-	0	0	0	0	2	NMGSU	1	-	-	-

Table B-2
Screening Table for Sandia Watershed

Analyte	Method	Units	No. of Analyses	No. of Detects	D Rate %	Min	Mean	Max	No. of Non-detects	ND Rate %	BV	D> BV	ND> Std	D> Std	D> Std/2	D>Std/2 Rate %	Level	Std Type	Locations with Data (number)	D>Std (number of locations)	D>Std/2 (number of locations)	D>Std Stations
Mercury	EPA:245.2	ug/L	32	0	0	0.03	0.05219	0.06	32	100	0.24	-	0	0	0	0	2	NMGSU	6	-	-	-
Mercury	SW-846:7470A	ug/L	5	0	0	0.05	0.05	0.05	5	100	0.24	-	0	0	0	0	2	NMGSU	1	-	-	-
Molybdenum	SW-846:6010B	ug/L	36	12	33	2	3.5725	5.93	24	67	-	-	0	0	0	0	182.5	Reg6	6	-	-	-
Molybdenum	SW-846:6020	ug/L	5	5	100	2	2.08	2.1	0	0	-	-	0	0	0	0	182.5	Reg6	1	-	-	-
Nickel	SW-846:6010B	ug/L	8	3	38	1.4	1.83	2.39	5	63	-	-	0	0	0	0	100	MCL	2	-	-	-
Nickel	SW-846:6020	ug/L	33	31	94	0.63	1.69226	5.3	2	6	-	-	0	0	0	0	100	MCL	6	-	-	-
Selenium	SW-846:6010B	ug/L	8	1	13	3.81	3.81	3.81	7	88	4.99	-	0	0	0	0	50	MCL	2	-	-	-
Selenium	SW-846:6020	ug/L	33	0	0	1	2.18182	2.5	33	100	4.99	-	0	0	0	0	50	MCL	6	-	-	-
Silver	SW-846:6010B	ug/L	8	0	0	0.835	0.93813	1	8	100	2.5	-	0	0	0	0	182.5	Reg6	2	-	-	-
Silver	SW-846:6020	ug/L	33	0	0	0.2	0.2	0.2	33	100	2.5	-	0	0	0	0	182.5	Reg6	6	-	-	-
Strontium	SW-846:6010B	ug/L	41	41	100	76.3	139.159	241	0	0	-	-	0	0	0	0	21900	Reg6	6	-	-	-
Thallium	SW-846:6020	ug/L	41	3	7	0.046	0.509	0.841	38	93	-	-	0	0	0	0	2	MCL	6	-	-	-
Tin	SW-846:6010B	ug/L	36	0	0	2.5	2.65222	4.1	36	100	-	-	0	0	0	0	21900	Reg6	6	-	-	-
Uranium	SW-846:6020	ug/L	40	40	100	0.67	1.60525	4.4	0	0	-	-	0	0	0	0	30	MCL	6	-	-	-
Vanadium	SW-846:6010B	ug/L	40	33	83	1.15	8.18939	13.2	7	18	-	-	0	0	0	0	182.5	Reg6	6	-	-	-
Zinc	SW-846:6010B	ug/L	41	38	93	4.1	47.1132	364	3	7	-	-	0	0	0	0	10950	Reg6	6	-	-	-
Sandia, DRO, UF, Intermediate																						
Diesel Range Organics	SW-846:8015B	ug/L	3	1	33	47.1	47.1	47.1	2	67	-	-	0	0	0	0	-	-	1	-	-	-
Sandia, Herbicides, UF, Ephemeral																						
D[2,4-]	SW-846:8151A	ug/L	3	0	0	0.25	1.83333	2.72	3	100	-	-	0	0	0	0	-	-	2	-	-	-
Dalapon	SW-846:8151A	ug/L	3	0	0	5	36.6	54.3	3	100	-	-	0	0	0	0	-	-	2	-	-	-
DB[2,4-]	SW-846:8151A	ug/L	3	0	0	0.25	1.83333	2.72	3	100	-	-	0	0	0	0	-	-	2	-	-	-
Dicamba	SW-846:8151A	ug/L	3	0	0	0.25	1.83333	2.72	3	100	-	-	0	0	0	0	-	-	2	-	-	-
Dichlorprop	SW-846:8151A	ug/L	3	0	0	0.25	1.83333	2.72	3	100	-	-	0	0	0	0	-	-	2	-	-	-
Dinoseb	SW-846:8151A	ug/L	3	0	0	0.25	1.83333	2.72	3	100	-	-	0	0	0	0	-	-	2	-	-	-
MCPA	SW-846:8151A	ug/L	3	0	0	50	366	543	3	100	-	-	0	0	0	0	-	-	2	-	-	-
MCPP	SW-846:8151A	ug/L	3	0	0	50	366	543	3	100	-	-	0	0	0	0	-	-	2	-	-	-
T[2,4,5-]	SW-846:8151A	ug/L	3	0	0	0.25	1.83333	2.72	3	100	-	-	0	0	0	0	-	-	2	-	-	-
TP[2,4,5-]	SW-846:8151A	ug/L	3	0	0	0.25	1.83333	2.72	3	100	-	-	0	0	0	0	-	-	2	-	-	-
Sandia, Herbicides, UF, Perennial																						
D[2,4-]	SW-846:8151A	ug/L	1	0	0	2.72	2.72	2.72	1	100	-	-	0	0	0	0	-	-	1	-	-	-
Dalapon	SW-846:8151A	ug/L	1	0	0	54.3	54.3	54.3	1	100	-	-	0	0	0	0	-	-	1	-	-	-
DB[2,4-]	SW-846:8151A	ug/L	1	0	0	2.72	2.72	2.72	1	100	-	-	0	0	0	0	-	-	1	-	-	-
Dicamba	SW-846:8151A	ug/L	1	0	0	2.72	2.72	2.72	1	100	-	-	0	0	0	0	-	-	1	-	-	-
Dichlorprop	SW-846:8151A	ug/L	1	0	0	2.72	2.72	2.72	1	100	-	-	0	0	0	0	-	-	1	-	-	-
Dinoseb	SW-846:8151A	ug/L	1	0	0	2.72	2.72	2.72	1	100	-	-	0	0	0	0	-	-	1	-	-	-
MCPA	SW-846:8151A	ug/L	1	0	0	543	543	543	1	100	-	-	0	0	0	0	-	-	1	-	-	-
MCPP	SW-846:8151A	ug/L	1	0	0	543	543	543	1	100	-	-	0	0	0	0	-	-	1	-	-	-
T[2,4,5-]	SW-846:8151A	ug/L	1	0	0	2.72	2.72	2.72	1	100	-	-	0	0	0	0	-	-	1	-	-	-
TP[2,4,5-]	SW-846:8151A	ug/L	1	0	0	2.72	2.72	2.72	1	100	-	-	0	0	0	0	-	-	1	-	-	-
Sandia, Herbicides, UF, Alluvial																						
D[2,4-]	SW-846:8151A	ug/L	1	0	0	2.58	2.58	2.58	1	100	-	-	0	0	0	0	70	MCL	1	-	-	-
Dalapon	SW-846:8151A	ug/L	1	0	0	51.5	51.5	51.5	1	100	-	-	0	0	0	0	200	MCL	1	-	-	-
DB[2,4-]	SW-846:8151A	ug/L	1	0	0	2.58	2.58	2.58	1	100	-	-	0	0	0	0	292	Reg6	1	-	-	-
Dicamba	SW-846:8151A	ug/L	1	0	0	2.58	2.58	2.58	1	100	-	-	0	0	0	0	1095	Reg6	1	-	-	-
Dichlorprop	SW-846:8151A	ug/L	1	0	0	2.58	2.58	2.58	1	100	-	-	0	0	0	0	-	-	1	-	-	-
Dinoseb	SW-846:8151A	ug/L	1	0	0	2.58	2.58	2.58	1	100	-	-	0	0	0	0	7	MCL	1	-	-	-
MCPA	SW-846:8151A	ug/L	1	0	0	515	515	515	1	100	-	-	1	0	0	0	18.25	Reg6	1	-	-	-
MCPP	SW-846:8151A	ug/L	1	0	0	515	515	515	1	100	-	-	1	0	0	0	36.5	Reg6	1	-	-	-
T[2,4,5-]	SW-846:8151A	ug/L	1	0	0	2.58	2.58	2.58	1	100	-	-	0	0	0	0	365	Reg6	1	-	-	-
TP[2,4,5-]	SW-846:8151A	ug/L	1	0	0	2.58	2.58	2.58	1	100	-	-	0	0	0	0	50	MCL	1	-	-	-
Sandia, Herbicides, UF, Intermediate																						
D[2,4-]	SW-846:8151A	ug/L	1	0	0	0.305	0.305	0.305	1	100	-	-	0	0	0	0	70	MCL	1	-	-	-
Dalapon	SW-846:8151A	ug/L	1	0	0	6.1	6.1	6.1	1	100	-	-	0	0	0	0	200	MCL	1	-	-	-

Table B-2
Screening Table for Sandia Watershed

Analyte	Method	Units	No. of Analyses	No. of Detects	D Rate %	Min	Mean	Max	No. of Non-detects	ND Rate %	BV	D> BV	ND> Std	D> Std	D> Std/2	D>Std/2 Rate %	Level	Std Type	Locations with Data (number)	D>Std (number of locations)	D>Std/2 (number of locations)	D>Std Stations
DB[2,4-]	SW-846:8151A	ug/L	1	0	0	0.305	0.305	0.305	1	100	-	-	0	0	0	0	292	Reg6	1	-	-	-
Dicamba	SW-846:8151A	ug/L	1	0	0	0.305	0.305	0.305	1	100	-	-	0	0	0	0	1095	Reg6	1	-	-	-
Dichlorprop	SW-846:8151A	ug/L	1	0	0	0.305	0.305	0.305	1	100	-	-	0	0	0	0	-	-	1	-	-	-
Dinoseb	SW-846:8151A	ug/L	1	0	0	0.305	0.305	0.305	1	100	-	-	0	0	0	0	7	MCL	1	-	-	-
MCPA	SW-846:8151A	ug/L	1	0	0	61	61	61	1	100	-	-	1	0	0	0	18.25	Reg6	1	-	-	-
MCPP	SW-846:8151A	ug/L	1	0	0	61	61	61	1	100	-	-	1	0	0	0	36.5	Reg6	1	-	-	-
T[2,4,5-]	SW-846:8151A	ug/L	1	0	0	0.305	0.305	0.305	1	100	-	-	0	0	0	0	365	Reg6	1	-	-	-
TP[2,4,5-]	SW-846:8151A	ug/L	1	0	0	0.305	0.305	0.305	1	100	-	-	0	0	0	0	50	MCL	1	-	-	-
Sandia, Herbicides, UF, Regional																						
D[2,4-]	SW-846:8151A	ug/L	5	0	0	0.258	2.1456	2.66	5	100	-	-	0	0	0	0	70	MCL	3	-	-	-
Dalapon	SW-846:8151A	ug/L	5	0	0	5.15	42.91	53.2	5	100	-	-	0	0	0	0	200	MCL	3	-	-	-
DB[2,4-]	SW-846:8151A	ug/L	5	0	0	0.258	2.1456	2.66	5	100	-	-	0	0	0	0	292	Reg6	3	-	-	-
Dicamba	SW-846:8151A	ug/L	5	0	0	0.258	2.1456	2.66	5	100	-	-	0	0	0	0	1095	Reg6	3	-	-	-
Dichlorprop	SW-846:8151A	ug/L	5	0	0	0.258	2.1456	2.66	5	100	-	-	0	0	0	0	-	-	3	-	-	-
Dinoseb	SW-846:8151A	ug/L	5	0	0	0.258	2.1456	2.66	5	100	-	-	0	0	0	0	7	MCL	3	-	-	-
MCPA	SW-846:8151A	ug/L	5	0	0	51.5	429.1	532	5	100	-	-	5	0	0	0	18.25	Reg6	3	-	-	-
MCPP	SW-846:8151A	ug/L	5	0	0	51.5	429.1	532	5	100	-	-	5	0	0	0	36.5	Reg6	3	-	-	-
T[2,4,5-]	SW-846:8151A	ug/L	5	0	0	0.258	2.1456	2.66	5	100	-	-	0	0	0	0	365	Reg6	3	-	-	-
TP[2,4,5-]	SW-846:8151A	ug/L	5	0	0	0.258	2.1456	2.66	5	100	-	-	0	0	0	0	50	MCL	3	-	-	-
Sandia, High Explosives, UF, Ephemeral																						
2,4-Diamino-6-nitrotoluene	SW-846:8321A_MOD	ug/L	14	4	29	0.334	0.49	0.66	10	71	-	-	0	0	0	0	-	-	2	-	-	-
2,6-Diamino-4-nitrotoluene	SW-846:8321A_MOD	ug/L	14	2	14	0.499	0.506	0.513	12	86	-	-	0	0	0	0	-	-	2	-	-	-
3,5-Dinitroaniline	SW-846:8321A_MOD	ug/L	14	0	0	1.3	1.3	1.3	14	100	-	-	0	0	0	0	-	-	2	-	-	-
Amino-2,6-dinitrotoluene[4-]	SW-846:8321A_MOD	ug/L	14	0	0	0.325	0.325	0.325	14	100	-	-	0	0	0	0	-	-	2	-	-	-
Amino-4,6-dinitrotoluene[2-]	SW-846:8321A_MOD	ug/L	14	0	0	0.325	0.325	0.325	14	100	-	-	0	0	0	0	-	-	2	-	-	-
Dinitrobenzene[1,3-]	SW-846:8321A_MOD	ug/L	14	0	0	0.325	0.325	0.325	14	100	-	-	0	0	0	0	-	-	2	-	-	-
Dinitrotoluene[2,4-]	SW-846:8321A_MOD	ug/L	14	0	0	0.325	0.325	0.325	14	100	-	-	0	0	0	0	-	-	2	-	-	-
Dinitrotoluene[2,6-]	SW-846:8321A_MOD	ug/L	14	0	0	0.325	0.325	0.325	14	100	-	-	0	0	0	0	-	-	2	-	-	-
DNX	SW-846:8330	ug/L	3	0	0	0.069	0.069	0.069	3	100	-	-	0	0	0	0	-	-	2	-	-	-
HMX	SW-846:8321A_MOD	ug/L	14	0	0	0.325	0.325	0.325	14	100	-	-	0	0	0	0	-	-	2	-	-	-
MNX	SW-846:8330	ug/L	3	0	0	0.091	0.091	0.091	3	100	-	-	0	0	0	0	-	-	2	-	-	-
Nitrobenzene	SW-846:8321A_MOD	ug/L	14	0	0	0.325	0.325	0.325	14	100	-	-	0	0	0	0	-	-	2	-	-	-
Nitrotoluene[2-]	SW-846:8321A_MOD	ug/L	14	0	0	0.325	0.325	0.325	14	100	-	-	0	0	0	0	-	-	2	-	-	-
Nitrotoluene[3-]	SW-846:8321A_MOD	ug/L	14	0	0	0.325	0.325	0.325	14	100	-	-	0	0	0	0	-	-	2	-	-	-
Nitrotoluene[4-]	SW-846:8321A_MOD	ug/L	14	0	0	0.649	0.649	0.649	14	100	-	-	0	0	0	0	-	-	2	-	-	-
PETN	SW-846:8321A_MOD	ug/L	14	0	0	1.3	1.3	1.3	14	100	-	-	0	0	0	0	-	-	2	-	-	-
RDX	SW-846:8321A_MOD	ug/L	14	0	0	0.325	0.325	0.325	14	100	-	-	0	0	0	0	-	-	2	-	-	-
TATB	SW-846:8321A_MOD	ug/L	14	0	0	1.3	1.3	1.3	14	100	-	-	0	0	0	0	-	-	2	-	-	-
Tetryl	SW-846:8321A_MOD	ug/L	13	0	0	0.649	0.649	0.649	13	100	-	-	0	0	0	0	-	-	2	-	-	-
TNX	SW-846:8330	ug/L	3	0	0	0.082	0.082	0.082	3	100	-	-	0	0	0	0	-	-	2	-	-	-
Trinitrobenzene[1,3,5-]	SW-846:8321A_MOD	ug/L	14	0	0	0.325	0.325	0.325	14	100	-	-	0	0	0	0	-	-	2	-	-	-
Trinitrotoluene[2,4,6-]	SW-846:8321A_MOD	ug/L	14	0	0	0.325	0.325	0.325	14	100	-	-	0	0	0	0	-	-	2	-	-	-
Tris (o-cresyl) phosphate	SW-846:8321A_MOD	ug/L	14	0	0	1.3	1.3	1.3	14	100	-	-	0	0	0	0	-	-	2	-	-	-
Sandia, High Explosives, UF, Perennial																						
2,4-Diamino-6-nitrotoluene	SW-846:8321A_MOD	ug/L	6	0	0	1.3	1.3	1.3	6	100	-	-	0	0	0	0	-	-	1	-	-	-
2,6-Diamino-4-nitrotoluene	SW-846:8321A_MOD	ug/L	6	0	0	1.3	1.3	1.3	6	100	-	-	0	0	0	0	-	-	1	-	-	-
3,5-Dinitroaniline	SW-846:8321A_MOD	ug/L	6	0	0	1.3	1.3	1.3	6	100	-	-	0	0	0	0	-	-	1	-	-	-
Amino-2,6-dinitrotoluene[4-]	SW-846:8321A_MOD	ug/L	6	0	0	0.325	0.325	0.325	6	100	-	-	0	0	0	0	-	-	1	-	-	-
Amino-2,6-dinitrotoluene[4-]	SW-846:8330	ug/L	1	0	0	0.16	0.16	0.16	1	100	-	-	0	0	0	0	-	-	1	-	-	-
Amino-4,6-dinitrotoluene[2-]	SW-846:8321A_MOD	ug/L	6	0	0	0.325	0.325	0.325	6	100	-	-	0	0	0	0	-	-	1	-	-	-
Amino-4,6-dinitrotoluene[2-]	SW-846:8330	ug/L	1	0	0	0.32	0.32	0.32	1	100	-	-	0	0	0	0	-	-	1	-	-	-
Dinitrobenzene[1,3-]	SW-846:8321A_MOD	ug/L	6	0	0	0.325	0.325	0.325	6	100	-	-	0	0	0	0	-	-	1	-	-	-
Dinitrobenzene[1,3-]	SW-846:8330	ug/L	1	0	0	0.32	0.32	0.32	1	100	-	-	0	0	0	0	-	-	1	-	-	-

Table B-2
Screening Table for Sandia Watershed

Analyte	Method	Units	No. of Analyses	No. of Detects	D Rate %	Min	Mean	Max	No. of Non-detects	ND Rate %	BV	D> BV	ND> Std	D> Std	D> Std/2	D>Std/2 Rate %	Level	Std Type	Locations with Data (number)	D>Std (number of locations)	D>Std/2 (number of locations)	D>Std Stations
Dinitrotoluene[2,4-]	SW-846:8321A_MOD	ug/L	6	0	0	0.325	0.325	0.325	6	100	-	-	0	0	0	0	-	-	1	-	-	-
Dinitrotoluene[2,4-]	SW-846:8330	ug/L	1	0	0	0.32	0.32	0.32	1	100	-	-	0	0	0	0	-	-	1	-	-	-
Dinitrotoluene[2,6-]	SW-846:8321A_MOD	ug/L	6	0	0	0.325	0.325	0.325	6	100	-	-	0	0	0	0	-	-	1	-	-	-
Dinitrotoluene[2,6-]	SW-846:8330	ug/L	1	0	0	0.18	0.18	0.18	1	100	-	-	0	0	0	0	-	-	1	-	-	-
DNX	SW-846:8330	ug/L	1	0	0	0.069	0.069	0.069	1	100	-	-	0	0	0	0	-	-	1	-	-	-
HMX	SW-846:8321A_MOD	ug/L	6	0	0	0.325	0.325	0.325	6	100	-	-	0	0	0	0	-	-	1	-	-	-
HMX	SW-846:8330	ug/L	1	0	0	0.16	0.16	0.16	1	100	-	-	0	0	0	0	-	-	1	-	-	-
MNX	SW-846:8330	ug/L	1	0	0	0.091	0.091	0.091	1	100	-	-	0	0	0	0	-	-	1	-	-	-
Nitrobenzene	SW-846:8321A_MOD	ug/L	6	0	0	0.325	0.325	0.325	6	100	-	-	0	0	0	0	-	-	1	-	-	-
Nitrobenzene	SW-846:8330	ug/L	1	0	0	0.16	0.16	0.16	1	100	-	-	0	0	0	0	-	-	1	-	-	-
Nitrotoluene[2-]	SW-846:8321A_MOD	ug/L	6	0	0	0.325	0.325	0.325	6	100	-	-	0	0	0	0	-	-	1	-	-	-
Nitrotoluene[2-]	SW-846:8330	ug/L	1	0	0	0.16	0.16	0.16	1	100	-	-	0	0	0	0	-	-	1	-	-	-
Nitrotoluene[3-]	SW-846:8321A_MOD	ug/L	6	0	0	0.325	0.325	0.325	6	100	-	-	0	0	0	0	-	-	1	-	-	-
Nitrotoluene[3-]	SW-846:8330	ug/L	1	0	0	0.32	0.32	0.32	1	100	-	-	0	0	0	0	-	-	1	-	-	-
Nitrotoluene[4-]	SW-846:8321A_MOD	ug/L	6	0	0	0.649	0.649	0.649	6	100	-	-	0	0	0	0	-	-	1	-	-	-
Nitrotoluene[4-]	SW-846:8330	ug/L	1	0	0	0.32	0.32	0.32	1	100	-	-	0	0	0	0	-	-	1	-	-	-
PETN	SW-846:8321A_MOD	ug/L	6	0	0	1.3	1.3	1.3	6	100	-	-	0	0	0	0	-	-	1	-	-	-
RDX	SW-846:8321A_MOD	ug/L	6	0	0	0.325	0.325	0.325	6	100	-	-	0	0	0	0	-	-	1	-	-	-
RDX	SW-846:8330	ug/L	1	0	0	0.16	0.16	0.16	1	100	-	-	0	0	0	0	-	-	1	-	-	-
TATB	SW-846:8321A_MOD	ug/L	6	0	0	1.3	1.3	1.3	6	100	-	-	0	0	0	0	-	-	1	-	-	-
Tetryl	SW-846:8321A_MOD	ug/L	5	0	0	0.649	0.649	0.649	5	100	-	-	0	0	0	0	-	-	1	-	-	-
Tetryl	SW-846:8330	ug/L	1	0	0	0.49	0.49	0.49	1	100	-	-	0	0	0	0	-	-	1	-	-	-
TNX	SW-846:8330	ug/L	1	0	0	0.082	0.082	0.082	1	100	-	-	0	0	0	0	-	-	1	-	-	-
Trinitrobenzene[1,3,5-]	SW-846:8321A_MOD	ug/L	6	0	0	0.325	0.325	0.325	6	100	-	-	0	0	0	0	-	-	1	-	-	-
Trinitrobenzene[1,3,5-]	SW-846:8330	ug/L	1	0	0	0.32	0.32	0.32	1	100	-	-	0	0	0	0	-	-	1	-	-	-
Trinitrotoluene[2,4,6-]	SW-846:8321A_MOD	ug/L	6	0	0	0.325	0.325	0.325	6	100	-	-	0	0	0	0	-	-	1	-	-	-
Trinitrotoluene[2,4,6-]	SW-846:8330	ug/L	1	0	0	0.16	0.16	0.16	1	100	-	-	0	0	0	0	-	-	1	-	-	-
Tris (o-cresyl) phosphate	SW-846:8321A_MOD	ug/L	6	0	0	1.3	1.3	1.3	6	100	-	-	0	0	0	0	-	-	1	-	-	-
Sandia, High Explosives, UF, Alluvial																						
2,4-Diamino-6-nitrotoluene	SW-846:8321A_MOD	ug/L	5	0	0	1.3	1.3	1.3	5	100	-	-	0	0	0	0	-	-	3	-	-	-
2,6-Diamino-4-nitrotoluene	SW-846:8321A_MOD	ug/L	5	0	0	1.3	1.3	1.3	5	100	-	-	0	0	0	0	-	-	3	-	-	-
3,5-Dinitroaniline	SW-846:8321A_MOD	ug/L	5	0	0	1.3	1.3	1.3	5	100	-	-	0	0	0	0	-	-	3	-	-	-
Amino-2,6-dinitrotoluene[4-]	SW-846:8321A_MOD	ug/L	5	0	0	0.325	0.325	0.325	5	100	-	-	0	0	0	0	-	-	3	-	-	-
Amino-4,6-dinitrotoluene[2-]	SW-846:8321A_MOD	ug/L	5	0	0	0.325	0.325	0.325	5	100	-	-	0	0	0	0	-	-	3	-	-	-
Dinitrobenzene[1,3-]	SW-846:8321A_MOD	ug/L	5	0	0	0.325	0.325	0.325	5	100	-	-	0	0	0	0	3.65	Reg6	3	-	-	-
Dinitrotoluene[2,4-]	SW-846:8321A_MOD	ug/L	5	0	0	0.325	0.325	0.325	5	100	-	-	0	0	0	0	-	-	3	-	-	-
Dinitrotoluene[2,6-]	SW-846:8321A_MOD	ug/L	5	0	0	0.325	0.325	0.325	5	100	-	-	0	0	0	0	-	-	3	-	-	-
HMX	SW-846:8321A_MOD	ug/L	5	0	0	0.325	0.325	0.325	5	100	-	-	0	0	0	0	1825	Reg6	3	-	-	-
Nitrobenzene	SW-846:8321A_MOD	ug/L	5	0	0	0.325	0.325	0.325	5	100	-	-	0	0	0	0	-	-	3	-	-	-
Nitrotoluene[2-]	SW-846:8321A_MOD	ug/L	5	0	0	0.325	0.325	0.325	5	100	-	-	0	0	0	0	2.92311	Reg6	3	-	-	-
Nitrotoluene[3-]	SW-846:8321A_MOD	ug/L	5	0	0	0.325	0.325	0.325	5	100	-	-	0	0	0	0	121.6667	Reg6	3	-	-	-
Nitrotoluene[4-]	SW-846:8321A_MOD	ug/L	5	0	0	0.649	0.649	0.649	5	100	-	-	0	0	0	0	39.54796	Reg6	3	-	-	-
PETN	SW-846:8321A_MOD	ug/L	5	0	0	1.3	1.3	1.3	5	100	-	-	0	0	0	0	-	-	3	-	-	-
RDX	SW-846:8321A_MOD	ug/L	5	0	0	0.325	0.325	0.325	5	100	-	-	0	0	0	0	6.111958	Reg6	3	-	-	-
TATB	SW-846:8321A_MOD	ug/L	5	0	0	1.3	1.3	1.3	5	100	-	-	0	0	0	0	-	-	3	-	-	-
Tetryl	SW-846:8321A_MOD	ug/L	5	0	0	0.649	0.649	0.649	5	100	-	-	0	0	0	0	146	Reg6	3	-	-	-
Trinitrobenzene[1,3,5-]	SW-846:8321A_MOD	ug/L	5	0	0	0.325	0.325	0.325	5	100	-	-	0	0	0	0	1095	Reg6	3	-	-	-
Trinitrotoluene[2,4,6-]	SW-846:8321A_MOD	ug/L	5	0	0	0.325	0.325	0.325	5	100	-	-	0	0	0	0	22.41051	Reg6	3	-	-	-
Tris (o-cresyl) phosphate	SW-846:8321A_MOD	ug/L	5	0	0	1.3	1.3	1.3	5	100	-	-	0	0	0	0	-	-	3	-	-	-
Sandia, High Explosives, UF, Intermediate																						
2,4-Diamino-6-nitrotoluene	SW-846:8321A_MOD	ug/L	7	0	0	1.3	1.3	1.3	7	100	-	-	0	0	0	0	-	-	2	-	-	-
2,6-Diamino-4-nitrotoluene	SW-846:8321A_MOD	ug/L	7	0	0	1.3	1.3	1.3	7	100	-	-	0	0	0	0	-	-	2	-	-	-
3,5-Dinitroaniline	SW-846:8321A_MOD	ug/L	7	0	0	1.3	1.3	1.3	7	100	-	-	0	0	0	0	-	-	2	-	-	-

Table B-2
Screening Table for Sandia Watershed

Analyte	Method	Units	No. of Analyses	No. of Detects	D Rate %	Min	Mean	Max	No. of Non-detects	ND Rate %	BV	D> BV	ND> Std	D> Std	D> Std/2	D>Std/2 Rate %	Level	Std Type	Locations with Data (number)	D>Std (number of locations)	D>Std/2 (number of locations)	D>Std Stations
Amino-2,6-dinitrotoluene[4-]	SW-846:8321A_MOD	ug/L	7	0	0	0.325	0.325	0.325	7	100	-	-	0	0	0	0	-	-	2	-	-	-
Amino-2,6-dinitrotoluene[4-]	SW-846:8330	ug/L	1	0	0	0.162	0.162	0.162	1	100	-	-	0	0	0	0	-	-	1	-	-	-
Amino-4,6-dinitrotoluene[2-]	SW-846:8321A_MOD	ug/L	7	0	0	0.325	0.325	0.325	7	100	-	-	0	0	0	0	-	-	2	-	-	-
Amino-4,6-dinitrotoluene[2-]	SW-846:8330	ug/L	1	0	0	0.325	0.325	0.325	1	100	-	-	0	0	0	0	-	-	1	-	-	-
Dinitrobenzene[1,3-]	SW-846:8321A_MOD	ug/L	7	0	0	0.325	0.325	0.325	7	100	-	-	0	0	0	0	3.65	Reg6	2	-	-	-
Dinitrobenzene[1,3-]	SW-846:8330	ug/L	1	0	0	0.325	0.325	0.325	1	100	-	-	0	0	0	0	3.65	Reg6	1	-	-	-
Dinitrotoluene[2,4-]	SW-846:8321A_MOD	ug/L	7	0	0	0.325	0.325	0.325	7	100	-	-	0	0	0	0	-	-	2	-	-	-
Dinitrotoluene[2,4-]	SW-846:8330	ug/L	1	0	0	0.325	0.325	0.325	1	100	-	-	0	0	0	0	-	-	1	-	-	-
Dinitrotoluene[2,6-]	SW-846:8321A_MOD	ug/L	7	0	0	0.325	0.325	0.325	7	100	-	-	0	0	0	0	-	-	2	-	-	-
Dinitrotoluene[2,6-]	SW-846:8330	ug/L	1	0	0	0.182	0.182	0.182	1	100	-	-	0	0	0	0	-	-	1	-	-	-
DNX	SW-846:8330	ug/L	3	0	0	0.069	0.35633	0.5	3	100	-	-	0	0	0	0	-	-	1	-	-	-
HMX	SW-846:8321A_MOD	ug/L	7	0	0	0.325	0.325	0.325	7	100	-	-	0	0	0	0	1825	Reg6	2	-	-	-
HMX	SW-846:8330	ug/L	1	0	0	0.162	0.162	0.162	1	100	-	-	0	0	0	0	1825	Reg6	1	-	-	-
MNX	SW-846:8330	ug/L	3	0	0	0.091	0.36367	0.5	3	100	-	-	0	0	0	0	-	-	1	-	-	-
Nitrobenzene	SW-846:8321A_MOD	ug/L	7	0	0	0.325	0.325	0.325	7	100	-	-	0	0	0	0	-	-	2	-	-	-
Nitrobenzene	SW-846:8330	ug/L	1	0	0	0.162	0.162	0.162	1	100	-	-	0	0	0	0	-	-	1	-	-	-
Nitrotoluene[2-]	SW-846:8321A_MOD	ug/L	7	0	0	0.325	0.325	0.325	7	100	-	-	0	0	0	0	2.92311	Reg6	2	-	-	-
Nitrotoluene[2-]	SW-846:8330	ug/L	1	0	0	0.162	0.162	0.162	1	100	-	-	0	0	0	0	2.92311	Reg6	1	-	-	-
Nitrotoluene[3-]	SW-846:8321A_MOD	ug/L	7	0	0	0.325	0.325	0.325	7	100	-	-	0	0	0	0	121.6667	Reg6	2	-	-	-
Nitrotoluene[3-]	SW-846:8330	ug/L	1	0	0	0.325	0.325	0.325	1	100	-	-	0	0	0	0	121.6667	Reg6	1	-	-	-
Nitrotoluene[4-]	SW-846:8321A_MOD	ug/L	7	0	0	0.649	0.649	0.649	7	100	-	-	0	0	0	0	39.54796	Reg6	2	-	-	-
Nitrotoluene[4-]	SW-846:8330	ug/L	1	0	0	0.325	0.325	0.325	1	100	-	-	0	0	0	0	39.54796	Reg6	1	-	-	-
PETN	SW-846:8321A_MOD	ug/L	7	0	0	1.3	1.3	1.3	7	100	-	-	0	0	0	0	-	-	2	-	-	-
RDX	SW-846:8321A_MOD	ug/L	7	0	0	0.325	0.325	0.325	7	100	-	-	0	0	0	0	6.111958	Reg6	2	-	-	-
RDX	SW-846:8330	ug/L	1	0	0	0.162	0.162	0.162	1	100	-	-	0	0	0	0	6.111958	Reg6	1	-	-	-
TATB	SW-846:8321A_MOD	ug/L	7	0	0	1.3	1.3	1.3	7	100	-	-	0	0	0	0	-	-	2	-	-	-
Tetryl	SW-846:8321A_MOD	ug/L	7	0	0	0.649	0.649	0.649	7	100	-	-	0	0	0	0	146	Reg6	2	-	-	-
Tetryl	SW-846:8330	ug/L	1	0	0	0.487	0.487	0.487	1	100	-	-	0	0	0	0	146	Reg6	1	-	-	-
TNX	SW-846:8330	ug/L	3	0	0	0.082	0.36067	0.5	3	100	-	-	0	0	0	0	-	-	1	-	-	-
Trinitrobenzene[1,3,5-]	SW-846:8321A_MOD	ug/L	7	0	0	0.325	0.325	0.325	7	100	-	-	0	0	0	0	1095	Reg6	2	-	-	-
Trinitrobenzene[1,3,5-]	SW-846:8330	ug/L	1	0	0	0.325	0.325	0.325	1	100	-	-	0	0	0	0	1095	Reg6	1	-	-	-
Trinitrotoluene[2,4,6-]	SW-846:8321A_MOD	ug/L	7	0	0	0.325	0.325	0.325	7	100	-	-	0	0	0	0	22.41051	Reg6	2	-	-	-
Trinitrotoluene[2,4,6-]	SW-846:8330	ug/L	1	0	0	0.162	0.162	0.162	1	100	-	-	0	0	0	0	22.41051	Reg6	1	-	-	-
Tris (o-cresyl) phosphate	SW-846:8321A_MOD	ug/L	6	0	0	1.3	1.3	1.3	6	100	-	-	0	0	0	0	-	-	2	-	-	-
Sandia, High Explosives, UF, Regional																						
2,4-Diamino-6-nitrotoluene	SW-846:8321A_MOD	ug/L	33	0	0	1.3	1.3	1.3	33	100	-	-	0	0	0	0	-	-	6	-	-	-
2,6-Diamino-4-nitrotoluene	SW-846:8321A_MOD	ug/L	33	0	0	1.3	1.3	1.3	33	100	-	-	0	0	0	0	-	-	6	-	-	-
3,5-Dinitroaniline	SW-846:8321A_MOD	ug/L	33	0	0	1.3	1.3	1.3	33	100	-	-	0	0	0	0	-	-	6	-	-	-
Amino-2,6-dinitrotoluene[4-]	SW-846:8321A_MOD	ug/L	33	0	0	0.325	0.325	0.325	33	100	-	-	0	0	0	0	-	-	6	-	-	-
Amino-2,6-dinitrotoluene[4-]	SW-846:8330	ug/L	6	0	0	0.162	0.56833	0.65	6	100	-	-	0	0	0	0	-	-	2	-	-	-
Amino-4,6-dinitrotoluene[2-]	SW-846:8321A_MOD	ug/L	33	0	0	0.325	0.325	0.325	33	100	-	-	0	0	0	0	-	-	6	-	-	-
Amino-4,6-dinitrotoluene[2-]	SW-846:8330	ug/L	6	0	0	0.325	0.5955	0.65	6	100	-	-	0	0	0	0	-	-	2	-	-	-
Dinitrobenzene[1,3-]	SW-846:8321A_MOD	ug/L	33	0	0	0.325	0.325	0.325	33	100	-	-	0	0	0	0	3.65	Reg6	6	-	-	-
Dinitrobenzene[1,3-]	SW-846:8330	ug/L	6	0	0	0.325	0.5955	0.65	6	100	-	-	0	0	0	0	3.65	Reg6	2	-	-	-
Dinitrotoluene[2,4-]	SW-846:8321A_MOD	ug/L	33	0	0	0.325	0.325	0.325	33	100	-	-	0	0	0	0	-	-	6	-	-	-
Dinitrotoluene[2,4-]	SW-846:8330	ug/L	6	0	0	0.325	0.5955	0.65	6	100	-	-	0	0	0	0	-	-	2	-	-	-
Dinitrotoluene[2,6-]	SW-846:8321A_MOD	ug/L	33	0	0	0.325	0.325	0.325	33	100	-	-	0	0	0	0	-	-	6	-	-	-
Dinitrotoluene[2,6-]	SW-846:8330	ug/L	6	0	0	0.182	0.57167	0.65	6	100	-	-	0	0	0	0	-	-	2	-	-	-
DNX	SW-846:8330	ug/L	7	0	0	0.069	0.069	0.069	7	100	-	-	0	0	0	0	-	-	5	-	-	-
HMX	SW-846:8321A_MOD	ug/L	33	0	0	0.325	0.325	0.325	33	100	-	-	0	0	0	0	1825	Reg6	6	-	-	-
HMX	SW-846:8330	ug/L	6	0	0	0.162	0.56833	0.65	6	100	-	-	0	0	0	0	1825	Reg6	2	-	-	-
MNX	SW-846:8330	ug/L	7	0	0	0.091	0.091	0.091	7	100	-	-	0	0	0	0	-	-	5	-	-	-
Nitrobenzene	SW-846:8321A_MOD	ug/L	33	0	0	0.325	0.325	0.325	33	100	-	-	0	0	0	0	-	-	6	-	-	-
Nitrobenzene	SW-846:8330	ug/L	6	0	0	0.162	0.56833	0.65	6	100	-	-	0	0	0	0	-	-	2	-	-	-

Table B-2
Screening Table for Sandia Watershed

Analyte	Method	Units	No. of Analyses	No. of Detects	D Rate %	Min	Mean	Max	No. of Non-detects	ND Rate %	BV	D> BV	ND> Std	D> Std	D> Std/2	D>Std/2 Rate %	Level	Std Type	Locations with Data (number)	D>Std (number of locations)	D>Std/2 (number of locations)	D>Std Stations
Nitrotoluene[2-]	SW-846:8321A_MOD	ug/L	33	0	0	0.325	0.325	0.325	33	100	-	-	0	0	0	0	2.92311	Reg6	6	-	-	-
Nitrotoluene[2-]	SW-846:8330	ug/L	6	0	0	0.162	0.56833	0.65	6	100	-	-	0	0	0	0	2.92311	Reg6	2	-	-	-
Nitrotoluene[3-]	SW-846:8321A_MOD	ug/L	33	0	0	0.325	0.325	0.325	33	100	-	-	0	0	0	0	121.6667	Reg6	6	-	-	-
Nitrotoluene[3-]	SW-846:8330	ug/L	6	0	0	0.325	0.5955	0.65	6	100	-	-	0	0	0	0	121.6667	Reg6	2	-	-	-
Nitrotoluene[4-]	SW-846:8321A_MOD	ug/L	33	0	0	0.649	0.649	0.649	33	100	-	-	0	0	0	0	39.54796	Reg6	6	-	-	-
Nitrotoluene[4-]	SW-846:8330	ug/L	6	0	0	0.325	0.5955	0.65	6	100	-	-	0	0	0	0	39.54796	Reg6	2	-	-	-
PETN	SW-846:8321A_MOD	ug/L	33	0	0	1.3	1.3	1.3	33	100	-	-	0	0	0	0	-	-	6	-	-	-
RDX	SW-846:8321A_MOD	ug/L	33	0	0	0.325	0.325	0.325	33	100	-	-	0	0	0	0	6.111958	Reg6	6	-	-	-
RDX	SW-846:8330	ug/L	4	1	25	1.9	1.9	1.9	3	75	-	-	0	0	0	0	6.111958	Reg6	2	-	-	-
TATB	SW-846:8321A_MOD	ug/L	33	0	0	1.3	1.3	1.3	33	100	-	-	0	0	0	0	-	-	6	-	-	-
Tetryl	SW-846:8321A_MOD	ug/L	33	0	0	0.649	0.649	0.649	33	100	-	-	0	0	0	0	146	Reg6	6	-	-	-
Tetryl	SW-846:8330	ug/L	6	0	0	0.487	0.6225	0.65	6	100	-	-	0	0	0	0	146	Reg6	2	-	-	-
TNX	SW-846:8330	ug/L	7	0	0	0.082	0.082	0.082	7	100	-	-	0	0	0	0	-	-	5	-	-	-
Trinitrobenzene[1,3,5-]	SW-846:8321A_MOD	ug/L	33	0	0	0.325	0.325	0.325	33	100	-	-	0	0	0	0	1095	Reg6	6	-	-	-
Trinitrobenzene[1,3,5-]	SW-846:8330	ug/L	6	0	0	0.325	0.5955	0.65	6	100	-	-	0	0	0	0	1095	Reg6	2	-	-	-
Trinitrotoluene[2,4,6-]	SW-846:8321A_MOD	ug/L	33	0	0	0.325	0.325	0.325	33	100	-	-	0	0	0	0	22.41051	Reg6	6	-	-	-
Trinitrotoluene[2,4,6-]	SW-846:8330	ug/L	6	0	0	0.162	0.56833	0.65	6	100	-	-	0	0	0	0	22.41051	Reg6	2	-	-	-
Tris (o-cresyl) phosphate	SW-846:8321A_MOD	ug/L	33	0	0	1.3	1.3	1.3	33	100	-	-	0	0	0	0	-	-	6	-	-	-
Sandia, Pesticides/PCBs, UF, Ephemeral																						
Aldrin	SW-846:8081A	ug/L	14	1	7	0.00936	0.00936	0.00936	13	93	-	-	13	1	1	7	0.0005	HHEU	2	1	1	South Fork of Sandia Canyon at E122
Aroclor-1016	EPA:608	ug/L	1	0	0	0.105	0.105	0.105	1	100	-	-	1	0	0	0	0.00064	HHEU	1	-	-	-
Aroclor-1016	SW-846:8082	ug/L	12	0	0	0.1	0.10775	0.128	12	100	-	-	12	0	0	0	0.00064	HHEU	2	-	-	-
Aroclor-1221	EPA:608	ug/L	1	0	0	0.105	0.105	0.105	1	100	-	-	1	0	0	0	0.00064	HHEU	1	-	-	-
Aroclor-1221	SW-846:8082	ug/L	12	0	0	0.1	0.10775	0.128	12	100	-	-	12	0	0	0	0.00064	HHEU	2	-	-	-
Aroclor-1232	EPA:608	ug/L	1	0	0	0.105	0.105	0.105	1	100	-	-	1	0	0	0	0.00064	HHEU	1	-	-	-
Aroclor-1232	SW-846:8082	ug/L	12	0	0	0.1	0.10775	0.128	12	100	-	-	12	0	0	0	0.00064	HHEU	2	-	-	-
Aroclor-1242	EPA:608	ug/L	1	0	0	0.105	0.105	0.105	1	100	-	-	1	0	0	0	0.00064	HHEU	1	-	-	-
Aroclor-1242	SW-846:8082	ug/L	12	0	0	0.069	0.10492	0.128	12	100	-	-	12	0	0	0	0.00064	HHEU	2	-	-	-
Aroclor-1248	EPA:608	ug/L	1	0	0	0.105	0.105	0.105	1	100	-	-	1	0	0	0	0.00064	HHEU	1	-	-	-
Aroclor-1248	SW-846:8082	ug/L	12	0	0	0.1	0.10775	0.128	12	100	-	-	12	0	0	0	0.00064	HHEU	2	-	-	-
Aroclor-1254	EPA:608	ug/L	1	0	0	0.105	0.105	0.105	1	100	-	-	1	0	0	0	0.00064	HHEU	1	-	-	-
Aroclor-1254	SW-846:8082	ug/L	12	0	0	0.1	0.10775	0.128	12	100	-	-	12	0	0	0	0.00064	HHEU	2	-	-	-
Aroclor-1260	EPA:608	ug/L	1	0	0	0.105	0.105	0.105	1	100	-	-	1	0	0	0	0.00064	HHEU	1	-	-	-
Aroclor-1260	SW-846:8082	ug/L	12	0	0	0.1	0.10775	0.128	12	100	-	-	12	0	0	0	0.00064	HHEU	2	-	-	-
Aroclor-1262	EPA:608	ug/L	1	0	0	0.105	0.105	0.105	1	100	-	-	1	0	0	0	0.00064	HHEU	1	-	-	-
Aroclor-1262	SW-846:8082	ug/L	12	0	0	0.1	0.10775	0.128	12	100	-	-	12	0	0	0	0.00064	HHEU	2	-	-	-
BHC[alpha-]	SW-846:8081A	ug/L	14	1	7	0.0468	0.0468	0.0468	13	93	-	-	0	0	0	0	-	-	2	-	-	-
BHC[beta-]	SW-846:8081A	ug/L	14	1	7	0.0118	0.0118	0.0118	13	93	-	-	0	0	0	0	-	-	2	-	-	-
BHC[delta-]	SW-846:8081A	ug/L	14	2	14	0.0186	0.1553	0.292	12	86	-	-	0	0	0	0	-	-	2	-	-	-
BHC[gamma-]	SW-846:8081A	ug/L	14	1	7	0.0142	0.0142	0.0142	13	93	-	-	0	0	0	0	0.95	AqAcU	2	-	-	-
Chlordane[alpha-]	SW-846:8081A	ug/L	14	1	7	0.0144	0.0144	0.0144	13	93	-	-	0	0	0	0	-	-	2	-	-	-
Chlordane[gamma-]	SW-846:8081A	ug/L	14	1	7	0.0169	0.0169	0.0169	13	93	-	-	0	0	0	0	-	-	2	-	-	-
DDD[4,4'-]	SW-846:8081A	ug/L	14	1	7	0.0379	0.0379	0.0379	13	93	-	-	13	1	1	7	0.0022	HHEU	2	1	1	South Fork of Sandia Canyon at E122
DDE[4,4'-]	SW-846:8081A	ug/L	14	1	7	0.0374	0.0374	0.0374	13	93	-	-	13	1	1	7	0.0022	HHEU	2	1	1	South Fork of Sandia Canyon at E122
DDT[4,4'-]	SW-846:8081A	ug/L	14	1	7	0.0509	0.0509	0.0509	13	93	-	-	13	1	1	7	0.0022	HHEU	2	1	1	South Fork of Sandia Canyon at E122

Table B-2
Screening Table for Sandia Watershed

Analyte	Method	Units	No. of Analyses	No. of Detects	D Rate %	Min	Mean	Max	No. of Non-detects	ND Rate %	BV	D> BV	ND> Std	D> Std	D> Std/2	D>Std/2 Rate %	Level	Std Type	Locations with Data (number)	D>Std (number of locations)	D>Std/2 (number of locations)	D>Std Stations
Dieldrin	SW-846:8081A	ug/L	14	1	7	0.0343	0.0343	0.0343	13	93	-	-	13	1	1	7	0.00054	HHEU	2	1	1	South Fork of Sandia Canyon at E122
Endosulfan I	SW-846:8081A	ug/L	14	1	7	0.013	0.013	0.013	13	93	-	-	0	0	0	0	0.22	AqAcU	2	-	-	-
Endosulfan II	SW-846:8081A	ug/L	14	1	7	0.0378	0.0378	0.0378	13	93	-	-	0	0	0	0	0.22	AqAcU	2	-	-	-
Endosulfan Sulfate	SW-846:8081A	ug/L	14	1	7	0.0394	0.0394	0.0394	13	93	-	-	0	0	0	0	-	-	2	-	-	-
Endrin	SW-846:8081A	ug/L	14	1	7	0.0334	0.0334	0.0334	13	93	-	-	0	0	0	0	0.086	AqAcU	2	-	-	-
Endrin Aldehyde	SW-846:8081A	ug/L	14	1	7	0.023	0.023	0.023	13	93	-	-	0	0	0	0	-	-	2	-	-	-
Endrin Ketone	SW-846:8081A	ug/L	14	1	7	0.0359	0.0359	0.0359	13	93	-	-	0	0	0	0	-	-	2	-	-	-
Heptachlor	SW-846:8081A	ug/L	14	1	7	0.0148	0.0148	0.0148	13	93	-	-	0	0	0	0	0.52	AqAcU	2	-	-	-
Heptachlor Epoxide	SW-846:8081A	ug/L	14	1	7	0.0142	0.0142	0.0142	13	93	-	-	0	0	0	0	0.52	AqAcU	2	-	-	-
Methoxychlor[4,4'-]	SW-846:8081A	ug/L	12	1	8	0.191	0.191	0.191	11	92	-	-	0	0	0	0	-	-	2	-	-	-
Toxaphene (Technical Grade)	SW-846:8081A	ug/L	14	0	0	*0.5*	*0.53207*	*0.602*	14	100	-	-	0	0	0	0	0.73	AqAcU	2	-	-	-
Sandia, Pesticides/PCBs, UF, Perennial																						
Aldrin	SW-846:8081A	ug/L	7	0	0	*0.0204*	*0.03531*	*0.102*	7	100	-	-	7	0	0	0	0.0005	HHPU	1	-	-	-
Aroclor-1016	EPA:608	ug/L	7	0	0	*0.1*	*0.105*	*0.12*	7	100	-	-	7	0	0	0	0.00064	HHPU	1	-	-	-
Aroclor-1016	SW-846:8082	ug/L	6	0	0	*0.0943*	*0.10205*	*0.108*	6	100	-	-	6	0	0	0	0.00064	HHPU	1	-	-	-
Aroclor-1221	EPA:608	ug/L	7	0	0	*0.1*	*0.105*	*0.12*	7	100	-	-	7	0	0	0	0.00064	HHPU	1	-	-	-
Aroclor-1221	SW-846:8082	ug/L	6	0	0	*0.0943*	*0.10205*	*0.108*	6	100	-	-	6	0	0	0	0.00064	HHPU	1	-	-	-
Aroclor-1232	EPA:608	ug/L	7	0	0	*0.1*	*0.105*	*0.12*	7	100	-	-	7	0	0	0	0.00064	HHPU	1	-	-	-
Aroclor-1232	SW-846:8082	ug/L	6	0	0	*0.0943*	*0.10205*	*0.108*	6	100	-	-	6	0	0	0	0.00064	HHPU	1	-	-	-
Aroclor-1242	EPA:608	ug/L	7	0	0	*0.1*	*0.105*	*0.12*	7	100	-	-	7	0	0	0	0.00064	HHPU	1	-	-	-
Aroclor-1242	SW-846:8082	ug/L	6	0	0	*0.066*	*0.09622*	*0.108*	6	100	-	-	6	0	0	0	0.00064	HHPU	1	-	-	-
Aroclor-1248	EPA:608	ug/L	7	0	0	*0.1*	*0.105*	*0.12*	7	100	-	-	7	0	0	0	0.00064	HHPU	1	-	-	-
Aroclor-1248	SW-846:8082	ug/L	6	0	0	*0.0943*	*0.10205*	*0.108*	6	100	-	-	6	0	0	0	0.00064	HHPU	1	-	-	-
Aroclor-1254	EPA:608	ug/L	7	1	14	0.112	0.112	0.112	6	86	-	-	6	1	1	14	0.00064	HHPU	1	1	1	Sandia below Wetlands
Aroclor-1254	SW-846:8082	ug/L	6	3	50	0.059	0.07867	0.11	3	50	-	-	3	3	3	50	0.00064	HHPU	1	1	1	Sandia below Wetlands
Aroclor-1260	EPA:608	ug/L	7	2	29	0.077	0.0885	0.1	5	71	-	-	5	2	2	29	0.00064	HHPU	1	1	1	Sandia below Wetlands
Aroclor-1260	SW-846:8082	ug/L	6	3	50	0.045	0.066	0.083	3	50	-	-	3	3	3	50	0.00064	HHPU	1	1	1	Sandia below Wetlands
Aroclor-1262	EPA:608	ug/L	7	0	0	*0.1*	*0.105*	*0.12*	7	100	-	-	7	0	0	0	0.00064	HHPU	1	-	-	-
Aroclor-1262	SW-846:8082	ug/L	5	0	0	*0.0943*	*0.10246*	*0.108*	5	100	-	-	5	0	0	0	0.00064	HHPU	1	-	-	-
BHC[alpha-]	SW-846:8081A	ug/L	7	0	0	*0.0204*	*0.03531*	*0.102*	7	100	-	-	1	0	0	0	0.049	HHPU	1	-	-	-
BHC[beta-]	SW-846:8081A	ug/L	7	0	0	*0.0204*	*0.03531*	*0.102*	7	100	-	-	0	0	0	0	0.17	HHPU	1	-	-	-
BHC[delta-]	SW-846:8081A	ug/L	7	0	0	*0.0204*	*0.03531*	*0.102*	7	100	-	-	0	0	0	0	-	-	1	-	-	-
BHC[gamma-]	SW-846:8081A	ug/L	7	0	0	*0.0204*	*0.03531*	*0.102*	7	100	-	-	0	0	0	0	0.63	HHPU	1	-	-	-
Chlordane[alpha-]	SW-846:8081A	ug/L	7	0	0	*0.0204*	*0.03531*	*0.102*	7	100	-	-	0	0	0	0	-	-	1	-	-	-
Chlordane[gamma-]	SW-846:8081A	ug/L	7	0	0	*0.0204*	*0.03531*	*0.102*	7	100	-	-	0	0	0	0	-	-	1	-	-	-
DDD[4,4'-]	SW-846:8081A	ug/L	7	0	0	*0.0408*	*0.07067*	*0.204*	7	100	-	-	7	0	0	0	0.0022	HHPU	1	-	-	-
DDE[4,4'-]	SW-846:8081A	ug/L	7	0	0	*0.0408*	*0.07067*	*0.204*	7	100	-	-	7	0	0	0	0.0022	HHPU	1	-	-	-
DDT[4,4'-]	SW-846:8081A	ug/L	7	0	0	*0.0408*	*0.07067*	*0.204*	7	100	-	-	7	0	0	0	0.0022	HHPU	1	-	-	-
Dieldrin	SW-846:8081A	ug/L	7	0	0	*0.0408*	*0.07067*	*0.204*	7	100	-	-	7	0	0	0	0.00054	HHPU	1	-	-	-
Endosulfan I	SW-846:8081A	ug/L	7	0	0	*0.0204*	*0.03531*	*0.102*	7	100	-	-	0	0	0	0	0.22	AqAcU	1	-	-	-
Endosulfan II	SW-846:8081A	ug/L	7	0	0	*0.0408*	*0.07067*	*0.204*	7	100	-	-	0	0	0	0	0.22	AqAcU	1	-	-	-
Endosulfan Sulfate	SW-846:8081A	ug/L	7	0	0	*0.0408*	*0.07067*	*0.204*	7	100	-	-	0	0	0	0	89	HHPU	1	-	-	-
Endrin	SW-846:8081A	ug/L	7	0	0	*0.0408*	*0.07067*	*0.204*	7	100	-	-	1	0	0	0	0.086	AqAcU	1	-	-	-
Endrin Aldehyde	SW-846:8081A	ug/L	7	0	0	*0.0408*	*0.07067*	*0.204*	7	100	-	-	0	0	0	0	0.3	HHPU	1	-	-	-
Endrin Ketone	SW-846:8081A	ug/L	7	0	0	*0.0408*	*0.07067*	*0.204*	7	100	-	-	0	0	0	0	-	-	1	-	-	-
Heptachlor	SW-846:8081A	ug/L	7	0	0	*0.0204*	*0.03531*	*0.102*	7	100	-	-	7	0	0	0	0.00079	HHPU	1	-	-	-
Heptachlor Epoxide	SW-846:8081A	ug/L	7	0	0	*0.0204*	*0.03531*	*0.102*	7	100	-	-	7	0	0	0	0.00039	HHPU	1	-	-	-
Methoxychlor[4,4'-]	SW-846:8081A	ug/L	6	0	0	*0.204*	*0.37583*	*1.02*	6	100	-	-	0	0	0	0	-	-	1	-	-	-
Toxaphene (Technical Grade)	SW-846:8081A	ug/L	7	0	0	*0.51*	*1.321*	*5.1*	7	100	-	-	7	0	0	0	0.0028	HHPU	1	-	-	-

Table B-2
Screening Table for Sandia Watershed

Analyte	Method	Units	No. of Analyses	No. of Detects	D Rate %	Min	Mean	Max	No. of Non-detects	ND Rate %	BV	D> BV	ND> Std	D> Std	D> Std/2	D>Std/2 Rate %	Level	Std Type	Locations with Data (number)	D>Std (number of locations)	D>Std/2 (number of locations)	D>Std Stations
Sandia, Pesticides/PCBs, UF, Alluvial																						
Aldrin	SW-846:8081A	ug/L	5	0	0	0.02	0.0212	0.0235	5	100	-	-	0	0	0	0	0.03954796	Reg6	4	-	-	-
Aroclor-1016	SW-846:8082	ug/L	5	0	0	0.1	0.1046	0.119	5	100	-	-	0	0	0	0	0.5	MCL	3	-	-	-
Aroclor-1221	SW-846:8082	ug/L	5	0	0	0.1	0.1046	0.119	5	100	-	-	0	0	0	0	0.5	MCL	3	-	-	-
Aroclor-1232	SW-846:8082	ug/L	5	0	0	0.1	0.1046	0.119	5	100	-	-	0	0	0	0	0.5	MCL	3	-	-	-
Aroclor-1242	SW-846:8082	ug/L	5	0	0	0.1	0.1046	0.119	5	100	-	-	0	0	0	0	0.5	MCL	3	-	-	-
Aroclor-1248	SW-846:8082	ug/L	5	0	0	0.1	0.1046	0.119	5	100	-	-	0	0	0	0	0.5	MCL	3	-	-	-
Aroclor-1254	SW-846:8082	ug/L	5	1	20	0.099	0.099	0.099	4	80	-	-	0	0	0	0	0.5	MCL	3	-	-	-
Aroclor-1260	SW-846:8082	ug/L	5	2	40	0.056	0.0595	0.063	3	60	-	-	0	0	0	0	0.5	MCL	3	-	-	-
Aroclor-1262	SW-846:8082	ug/L	5	0	0	0.1	0.1046	0.119	5	100	-	-	0	0	0	0	0.5	MCL	3	-	-	-
BHC[alpha-]	SW-846:8081A	ug/L	5	0	0	0.02	0.0212	0.0235	5	100	-	-	0	0	0	0	0.1067167	Reg6	4	-	-	-
BHC[beta-]	SW-846:8081A	ug/L	5	0	0	0.02	0.0212	0.0235	5	100	-	-	0	0	0	0	0.3735085	Reg6	4	-	-	-
BHC[delta-]	SW-846:8081A	ug/L	5	0	0	0.02	0.0212	0.0235	5	100	-	-	0	0	0	0	-	-	4	-	-	-
BHC[gamma-]	SW-846:8081A	ug/L	5	0	0	0.02	0.0212	0.0235	5	100	-	-	0	0	0	0	0.2	MCL	4	-	-	-
Chlordane[alpha-]	SW-846:8081A	ug/L	5	0	0	0.02	0.0212	0.0235	5	100	-	-	0	0	0	0	-	-	4	-	-	-
Chlordane[gamma-]	SW-846:8081A	ug/L	5	0	0	0.02	0.0212	0.0235	5	100	-	-	0	0	0	0	-	-	4	-	-	-
DDD[4,4'-]	SW-846:8081A	ug/L	5	0	0	0.04	0.04246	0.0471	5	100	-	-	0	0	0	0	2.801314	Reg6	4	-	-	-
DDE[4,4'-]	SW-846:8081A	ug/L	5	0	0	0.04	0.04246	0.0471	5	100	-	-	0	0	0	0	1.977398	Reg6	4	-	-	-
DDT[4,4'-]	SW-846:8081A	ug/L	5	0	0	0.04	0.04246	0.0471	5	100	-	-	0	0	0	0	1.977398	Reg6	4	-	-	-
Dieldrin	SW-846:8081A	ug/L	5	0	0	0.04	0.04246	0.0471	5	100	-	-	2	0	0	0	0.04201971	Reg6	4	-	-	-
Endosulfan I	SW-846:8081A	ug/L	4	0	0	0.02	0.02063	0.0217	4	100	-	-	0	0	0	0	-	-	3	-	-	-
Endosulfan II	SW-846:8081A	ug/L	4	0	0	0.04	0.0413	0.0435	4	100	-	-	0	0	0	0	-	-	3	-	-	-
Endosulfan Sulfate	SW-846:8081A	ug/L	5	0	0	0.04	0.04246	0.0471	5	100	-	-	0	0	0	0	-	-	4	-	-	-
Endrin	SW-846:8081A	ug/L	5	0	0	0.04	0.04246	0.0471	5	100	-	-	0	0	0	0	2	MCL	4	-	-	-
Endrin Aldehyde	SW-846:8081A	ug/L	5	0	0	0.04	0.04246	0.0471	5	100	-	-	0	0	0	0	-	-	4	-	-	-
Endrin Ketone	SW-846:8081A	ug/L	5	0	0	0.04	0.04246	0.0471	5	100	-	-	0	0	0	0	-	-	4	-	-	-
Heptachlor	SW-846:8081A	ug/L	5	0	0	0.02	0.0212	0.0235	5	100	-	-	0	0	0	0	0.4	MCL	4	-	-	-
Heptachlor Epoxide	SW-846:8081A	ug/L	5	0	0	0.02	0.0212	0.0235	5	100	-	-	0	0	0	0	0.2	MCL	4	-	-	-
Methoxychlor[4,4'-]	SW-846:8081A	ug/L	5	0	0	0.2	0.212	0.235	5	100	-	-	0	0	0	0	40	MCL	4	-	-	-
Toxaphene (Technical Grade)	SW-846:8081A	ug/L	5	0	0	0.5	0.5304	0.588	5	100	-	-	0	0	0	0	3	MCL	4	-	-	-
Sandia, Pesticides/PCBs, UF, Intermediate																						
Aldrin	SW-846:8081A	ug/L	6	1	17	0.0122	0.0122	0.0122	5	83	-	-	0	0	0	0	0.03954796	Reg6	2	-	-	-
Aroclor-1016	SW-846:8082	ug/L	6	0	0	0.1	0.1065	0.12	6	100	-	-	0	0	0	0	0.5	MCL	2	-	-	-
Aroclor-1221	SW-846:8082	ug/L	6	0	0	0.1	0.1065	0.12	6	100	-	-	0	0	0	0	0.5	MCL	2	-	-	-
Aroclor-1232	SW-846:8082	ug/L	6	0	0	0.1	0.1065	0.12	6	100	-	-	0	0	0	0	0.5	MCL	2	-	-	-
Aroclor-1242	SW-846:8082	ug/L	6	0	0	0.1	0.1065	0.12	6	100	-	-	0	0	0	0	0.5	MCL	2	-	-	-
Aroclor-1248	SW-846:8082	ug/L	6	0	0	0.1	0.1065	0.12	6	100	-	-	0	0	0	0	0.5	MCL	2	-	-	-
Aroclor-1254	SW-846:8082	ug/L	6	0	0	0.1	0.1065	0.12	6	100	-	-	0	0	0	0	0.5	MCL	2	-	-	-
Aroclor-1260	SW-846:8082	ug/L	6	0	0	0.1	0.1065	0.12	6	100	-	-	0	0	0	0	0.5	MCL	2	-	-	-
Aroclor-1262	SW-846:8082	ug/L	6	0	0	0.1	0.1065	0.12	6	100	-	-	0	0	0	0	0.5	MCL	2	-	-	-
BHC[alpha-]	SW-846:8081A	ug/L	6	0	0	0.02	0.02162	0.0232	6	100	-	-	0	0	0	0	0.1067167	Reg6	2	-	-	-
BHC[beta-]	SW-846:8081A	ug/L	6	0	0	0.02	0.02162	0.0232	6	100	-	-	0	0	0	0	0.3735085	Reg6	2	-	-	-
BHC[delta-]	SW-846:8081A	ug/L	6	0	0	0.02	0.02162	0.0232	6	100	-	-	0	0	0	0	-	-	2	-	-	-
BHC[gamma-]	SW-846:8081A	ug/L	6	0	0	0.02	0.02162	0.0232	6	100	-	-	0	0	0	0	0.2	MCL	2	-	-	-
Chlordane[alpha-]	SW-846:8081A	ug/L	6	0	0	0.02	0.02162	0.0232	6	100	-	-	0	0	0	0	-	-	2	-	-	-
Chlordane[gamma-]	SW-846:8081A	ug/L	6	0	0	0.02	0.02162	0.0232	6	100	-	-	0	0	0	0	-	-	2	-	-	-
DDD[4,4'-]	SW-846:8081A	ug/L	6	1	17	0.0495	0.0495	0.0495	5	83	-	-	0	0	0	0	2.801314	Reg6	2	-	-	-
DDE[4,4'-]	SW-846:8081A	ug/L	6	1	17	0.0495	0.0495	0.0495	5	83	-	-	0	0	0	0	1.977398	Reg6	2	-	-	-
DDT[4,4'-]	SW-846:8081A	ug/L	6	1	17	0.0659	0.0659	0.0659	5	83	-	-	0	0	0	0	1.977398	Reg6	2	-	-	-
Dieldrin	SW-846:8081A	ug/L	6	1	17	0.0389	0.0389	0.0389	5	83	-	-	3	0	1	17	0.04201971	Reg6	2	-	1	-
Endosulfan I	SW-846:8081A	ug/L	6	0	0	0.02	0.02162	0.0232	6	100	-	-	0	0	0	0	-	-	2	-	-	-
Endosulfan II	SW-846:8081A	ug/L	6	1	17	0.0185	0.0185	0.0185	5	83	-	-	0	0	0	0	-	-	2	-	-	-
Endosulfan Sulfate	SW-846:8081A	ug/L	6	1	17	0.0186	0.0186	0.0186	5	83	-	-	0	0	0	0	-	-	2	-	-	-

Table B-2
Screening Table for Sandia Watershed

Analyte	Method	Units	No. of Analyses	No. of Detects	D Rate %	Min	Mean	Max	No. of Non-detects	ND Rate %	BV	D> BV	ND> Std	D> Std	D> Std/2	D>Std/2 Rate %	Level	Std Type	Locations with Data (number)	D>Std (number of locations)	D>Std/2 (number of locations)	D>Std Stations
Endrin	SW-846:8081A	ug/L	6	1	17	0.0285	0.0285	0.0285	5	83	-	-	0	0	0	0	2	MCL	2	-	-	-
Endrin Aldehyde	SW-846:8081A	ug/L	6	0	0	0.04	0.0433	0.0465	6	100	-	-	0	0	0	0	-	-	2	-	-	-
Endrin Ketone	SW-846:8081A	ug/L	6	0	0	0.04	0.0433	0.0465	6	100	-	-	0	0	0	0	-	-	2	-	-	-
Heptachlor	SW-846:8081A	ug/L	6	1	17	0.0229	0.0229	0.0229	5	83	-	-	0	0	0	0	0.4	MCL	2	-	-	-
Heptachlor Epoxide	SW-846:8081A	ug/L	6	1	17	0.0257	0.0257	0.0257	5	83	-	-	0	0	0	0	0.2	MCL	2	-	-	-
Methoxychlor[4,4'-]	SW-846:8081A	ug/L	5	0	0	0.2	0.214	0.232	5	100	-	-	0	0	0	0	40	MCL	2	-	-	-
Toxaphene (Technical Grade)	SW-846:8081A	ug/L	6	0	0	0.5	0.62883	1.06	6	100	-	-	0	0	0	0	3	MCL	2	-	-	-
Sandia, Pesticides/PCBs, UF, Regional																						
Aldrin	SW-846:8081A	ug/L	37	0	0	0.02	0.02124	0.0238	37	100	-	-	0	0	0	0	0.03954796	Reg6	6	-	-	-
Aroclor-1016	SW-846:8082	ug/L	36	0	0	0.1	0.1115	0.2	36	100	-	-	0	0	0	0	0.5	MCL	6	-	-	-
Aroclor-1221	SW-846:8082	ug/L	36	0	0	0.1	0.1115	0.2	36	100	-	-	0	0	0	0	0.5	MCL	6	-	-	-
Aroclor-1232	SW-846:8082	ug/L	36	0	0	0.1	0.1115	0.2	36	100	-	-	0	0	0	0	0.5	MCL	6	-	-	-
Aroclor-1242	SW-846:8082	ug/L	36	0	0	0.1	0.1115	0.2	36	100	-	-	0	0	0	0	0.5	MCL	6	-	-	-
Aroclor-1248	SW-846:8082	ug/L	36	0	0	0.1	0.1115	0.2	36	100	-	-	0	0	0	0	0.5	MCL	6	-	-	-
Aroclor-1254	SW-846:8082	ug/L	36	0	0	0.1	0.1115	0.2	36	100	-	-	0	0	0	0	0.5	MCL	6	-	-	-
Aroclor-1260	SW-846:8082	ug/L	36	0	0	0.1	0.1115	0.2	36	100	-	-	0	0	0	0	0.5	MCL	6	-	-	-
Aroclor-1262	SW-846:8082	ug/L	31	0	0	0.1	0.11229	0.2	31	100	-	-	0	0	0	0	0.5	MCL	6	-	-	-
BHC[alpha-]	SW-846:8081A	ug/L	38	0	0	0.02	0.02123	0.0238	38	100	-	-	0	0	0	0	0.1067167	Reg6	6	-	-	-
BHC[beta-]	SW-846:8081A	ug/L	38	0	0	0.02	0.02123	0.0238	38	100	-	-	0	0	0	0	0.3735085	Reg6	6	-	-	-
BHC[delta-]	SW-846:8081A	ug/L	38	0	0	0.02	0.02123	0.0238	38	100	-	-	0	0	0	0	-	-	6	-	-	-
BHC[gamma-]	SW-846:8081A	ug/L	38	0	0	0.02	0.02123	0.0238	38	100	-	-	0	0	0	0	0.2	MCL	6	-	-	-
Chlordane[alpha-]	SW-846:8081A	ug/L	38	0	0	0.02	0.02123	0.0238	38	100	-	-	0	0	0	0	-	-	6	-	-	-
Chlordane[gamma-]	SW-846:8081A	ug/L	38	0	0	0.02	0.02123	0.0238	38	100	-	-	0	0	0	0	-	-	6	-	-	-
DDD[4,4'-]	SW-846:8081A	ug/L	38	0	0	0.04	0.04248	0.0476	38	100	-	-	0	0	0	0	2.801314	Reg6	6	-	-	-
DDE[4,4'-]	SW-846:8081A	ug/L	38	0	0	0.04	0.04248	0.0476	38	100	-	-	0	0	0	0	1.977398	Reg6	6	-	-	-
DDT[4,4'-]	SW-846:8081A	ug/L	38	0	0	0.04	0.04248	0.0476	38	100	-	-	0	0	0	0	1.977398	Reg6	6	-	-	-
Dieldrin	SW-846:8081A	ug/L	38	0	0	0.04	0.04248	0.0476	38	100	-	-	22	0	0	0	0.04201971	Reg6	6	-	-	-
Endosulfan I	SW-846:8081A	ug/L	38	0	0	0.02	0.02123	0.0238	38	100	-	-	0	0	0	0	-	-	6	-	-	-
Endosulfan II	SW-846:8081A	ug/L	38	0	0	0.04	0.04248	0.0476	38	100	-	-	0	0	0	0	-	-	6	-	-	-
Endosulfan Sulfate	SW-846:8081A	ug/L	38	0	0	0.04	0.04248	0.0476	38	100	-	-	0	0	0	0	-	-	6	-	-	-
Endrin	SW-846:8081A	ug/L	38	0	0	0.04	0.04248	0.0476	38	100	-	-	0	0	0	0	2	MCL	6	-	-	-
Endrin Aldehyde	SW-846:8081A	ug/L	38	0	0	0.04	0.04248	0.0476	38	100	-	-	0	0	0	0	-	-	6	-	-	-
Endrin Ketone	SW-846:8081A	ug/L	38	0	0	0.04	0.04248	0.0476	38	100	-	-	0	0	0	0	-	-	6	-	-	-
Heptachlor	SW-846:8081A	ug/L	38	0	0	0.02	0.02123	0.0238	38	100	-	-	0	0	0	0	0.4	MCL	6	-	-	-
Heptachlor Epoxide	SW-846:8081A	ug/L	38	0	0	0.02	0.02123	0.0238	38	100	-	-	0	0	0	0	0.2	MCL	6	-	-	-
Methoxychlor[4,4'-]	SW-846:8081A	ug/L	36	0	0	0.2	0.21225	0.238	36	100	-	-	0	0	0	0	40	MCL	6	-	-	-
Toxaphene (Technical Grade)	SW-846:8081A	ug/L	38	0	0	0.5	0.57192	1.05	38	100	-	-	0	0	0	0	3	MCL	6	-	-	-
Sandia, SVOA, UF, Ephemeral																						
Acenaphthene	SW-846:8270C	ug/L	12	0	0	1	1.05	1.14	12	100	-	-	0	0	0	0	-	-	2	-	-	-
Acenaphthylene	SW-846:8270C	ug/L	14	0	0	1	1.05214	1.14	14	100	-	-	0	0	0	0	-	-	2	-	-	-
Aniline	SW-846:8270C	ug/L	14	0	0	10	10.5214	11.4	14	100	-	-	0	0	0	0	-	-	2	-	-	-
Anthracene	SW-846:8270C	ug/L	12	0	0	1	1.05	1.14	12	100	-	-	0	0	0	0	-	-	2	-	-	-
Atrazine	SW-846:8270C	ug/L	14	0	0	10	10.5214	11.4	14	100	-	-	0	0	0	0	-	-	2	-	-	-
Azobenzene	SW-846:8270C	ug/L	14	0	0	10	10.5214	11.4	14	100	-	-	0	0	0	0	-	-	2	-	-	-
Benzidine	SW-846:8270C	ug/L	9	0	0	10.4	28.8222	52.1	9	100	-	-	0	0	0	0	-	-	2	-	-	-
Benzo(a)anthracene	SW-846:8270C	ug/L	14	0	0	1	1.05214	1.14	14	100	-	-	0	0	0	0	-	-	2	-	-	-
Benzo(a)pyrene	SW-846:8270C	ug/L	14	0	0	1	1.05214	1.14	14	100	-	-	14	0	0	0	0.18	HHEU	2	-	-	-
Benzo(b)fluoranthene	SW-846:8270C	ug/L	14	0	0	1	1.05214	1.14	14	100	-	-	0	0	0	0	-	-	2	-	-	-
Benzo(g,h,i)perylene	SW-846:8270C	ug/L	14	0	0	1	1.05214	1.14	14	100	-	-	0	0	0	0	-	-	2	-	-	-
Benzo(k)fluoranthene	SW-846:8270C	ug/L	14	0	0	1	1.05214	1.14	14	100	-	-	0	0	0	0	-	-	2	-	-	-
Benzoic Acid	SW-846:8270C	ug/L	13	1	8	9.81	9.81	9.81	12	92	-	-	0	0	0	0	-	-	2	-	-	-
Benzyl Alcohol	SW-846:8270C	ug/L	14	0	0	10	10.5214	11.4	14	100	-	-	0	0	0	0	-	-	2	-	-	-
Bis(2-chloroethoxy)methane	SW-846:8270C	ug/L	14	0	0	10	10.5214	11.4	14	100	-	-	0	0	0	0	-	-	2	-	-	-
Bis(2-chloroethyl)ether	SW-846:8270C	ug/L	14	0	0	10	10.5214	11.4	14	100	-	-	0	0	0	0	-	-	2	-	-	-

Table B-2
Screening Table for Sandia Watershed

Analyte	Method	Units	No. of Analyses	No. of Detects	D Rate %	Min	Mean	Max	No. of Non-detects	ND Rate %	BV	D> BV	ND> Std	D> Std	D> Std/2	D>Std/2 Rate %	Level	Std Type	Locations with Data (number)	D>Std (number of locations)	D>Std/2 (number of locations)	D>Std Stations
Bis(2-ethylhexyl)phthalate	SW-846:8270C	ug/L	14	0	0	10	10.5214	11.4	14	100	-	-	0	0	0	0	-	-	2	-	-	-
Bromophenyl-phenylether[4-]	SW-846:8270C	ug/L	14	0	0	10	10.5214	11.4	14	100	-	-	0	0	0	0	-	-	2	-	-	-
Butylbenzylphthalate	SW-846:8270C	ug/L	14	0	0	10	10.5214	11.4	14	100	-	-	0	0	0	0	-	-	2	-	-	-
Chloro-3-methylphenol[4-]	SW-846:8270C	ug/L	13	0	0	10	10.5385	11.4	13	100	-	-	0	0	0	0	-	-	2	-	-	-
Chloroaniline[4-]	SW-846:8270C	ug/L	14	0	0	10	10.5214	11.4	14	100	-	-	0	0	0	0	-	-	2	-	-	-
Chloronaphthalene[2-]	SW-846:8270C	ug/L	12	0	0	1	1.05	1.14	12	100	-	-	0	0	0	0	-	-	2	-	-	-
Chlorophenol[2-]	SW-846:8270C	ug/L	13	0	0	10	10.5385	11.4	13	100	-	-	0	0	0	0	-	-	2	-	-	-
Chlorophenyl-phenyl[4-] Ether	SW-846:8270C	ug/L	14	0	0	10	10.5214	11.4	14	100	-	-	0	0	0	0	-	-	2	-	-	-
Chrysene	SW-846:8270C	ug/L	14	0	0	1	1.05214	1.14	14	100	-	-	0	0	0	0	-	-	2	-	-	-
Dibenz(a,h)anthracene	SW-846:8270C	ug/L	14	0	0	1	1.05214	1.14	14	100	-	-	0	0	0	0	-	-	2	-	-	-
Dibenzofuran	SW-846:8270C	ug/L	14	0	0	10	10.5214	11.4	14	100	-	-	0	0	0	0	-	-	2	-	-	-
Dichlorobenzene[1,2-]	SW-846:8270C	ug/L	14	0	0	10	10.5214	11.4	14	100	-	-	0	0	0	0	-	-	2	-	-	-
Dichlorobenzene[1,3-]	SW-846:8270C	ug/L	14	0	0	10	10.5214	11.4	14	100	-	-	0	0	0	0	-	-	2	-	-	-
Dichlorobenzene[1,4-]	SW-846:8270C	ug/L	14	0	0	10	10.5214	11.4	14	100	-	-	0	0	0	0	-	-	2	-	-	-
Dichlorobenzidine[3,3'-]	SW-846:8270C	ug/L	12	0	0	10	10.5	11.4	12	100	-	-	0	0	0	0	-	-	2	-	-	-
Dichlorophenol[2,4-]	SW-846:8270C	ug/L	11	0	0	10	10.5818	11.4	11	100	-	-	0	0	0	0	-	-	2	-	-	-
Diethylphthalate	SW-846:8270C	ug/L	14	0	0	10	10.5214	11.4	14	100	-	-	0	0	0	0	-	-	2	-	-	-
Dimethyl Phthalate	SW-846:8270C	ug/L	14	0	0	10	10.5214	11.4	14	100	-	-	0	0	0	0	-	-	2	-	-	-
Dimethylphenol[2,4-]	SW-846:8270C	ug/L	11	0	0	10	10.5182	11.4	11	100	-	-	0	0	0	0	-	-	2	-	-	-
Di-n-butylphthalate	SW-846:8270C	ug/L	12	0	0	10	10.5	11.4	12	100	-	-	0	0	0	0	-	-	2	-	-	-
Dinitro-2-methylphenol[4,6-]	SW-846:8270C	ug/L	13	0	0	10	10.5385	11.4	13	100	-	-	0	0	0	0	-	-	2	-	-	-
Dinitrophenol[2,4-]	SW-846:8270C	ug/L	11	0	0	20	21.1364	22.7	11	100	-	-	0	0	0	0	-	-	2	-	-	-
Dinitrotoluene[2,4-]	SW-846:8270C	ug/L	14	0	0	10	10.5214	11.4	14	100	-	-	0	0	0	0	-	-	2	-	-	-
Dinitrotoluene[2,6-]	SW-846:8270C	ug/L	14	0	0	10	10.5214	11.4	14	100	-	-	0	0	0	0	-	-	2	-	-	-
Di-n-octylphthalate	SW-846:8270C	ug/L	14	0	0	10	10.5214	11.4	14	100	-	-	0	0	0	0	-	-	2	-	-	-
Dinoseb	SW-846:8270C	ug/L	13	0	0	10	10.5385	11.4	13	100	-	-	0	0	0	0	-	-	2	-	-	-
Dioxane[1,4-]	SW-846:8270C	ug/L	14	0	0	10	10.5214	11.4	14	100	-	-	0	0	0	0	-	-	2	-	-	-
Diphenylamine	SW-846:8270C	ug/L	14	0	0	10	10.5214	11.4	14	100	-	-	0	0	0	0	-	-	2	-	-	-
Fluoranthene	SW-846:8270C	ug/L	12	0	0	1	1.05	1.14	12	100	-	-	0	0	0	0	-	-	2	-	-	-
Fluorene	SW-846:8270C	ug/L	12	0	0	1	1.05	1.14	12	100	-	-	0	0	0	0	-	-	2	-	-	-
Hexachlorobenzene	SW-846:8270C	ug/L	14	0	0	10	10.5214	11.4	14	100	-	-	14	0	0	0	0.0029	HHEU	2	-	-	-
Hexachlorobutadiene	SW-846:8270C	ug/L	14	0	0	10	10.5214	11.4	14	100	-	-	0	0	0	0	-	-	2	-	-	-
Hexachlorocyclopentadiene	SW-846:8270C	ug/L	14	0	0	10	10.5214	11.4	14	100	-	-	0	0	0	0	-	-	2	-	-	-
Hexachloroethane	SW-846:8270C	ug/L	14	0	0	10	10.5214	11.4	14	100	-	-	0	0	0	0	-	-	2	-	-	-
Indeno(1,2,3-cd)pyrene	SW-846:8270C	ug/L	14	0	0	1	1.05214	1.14	14	100	-	-	0	0	0	0	-	-	2	-	-	-
Isophorone	SW-846:8270C	ug/L	14	0	0	10	10.5214	11.4	14	100	-	-	0	0	0	0	-	-	2	-	-	-
Methylnaphthalene[1-]	SW-846:8270C	ug/L	14	0	0	1	1.05214	1.14	14	100	-	-	0	0	0	0	-	-	2	-	-	-
Methylnaphthalene[2-]	SW-846:8270C	ug/L	12	0	0	1	1.05	1.14	12	100	-	-	0	0	0	0	-	-	2	-	-	-
Methylphenol[2-]	SW-846:8270C	ug/L	13	0	0	10	10.5385	11.4	13	100	-	-	0	0	0	0	-	-	2	-	-	-
Methylphenol[3-,4-]	SW-846:8270C	ug/L	13	0	0	10	10.5385	11.4	13	100	-	-	0	0	0	0	-	-	2	-	-	-
Naphthalene	SW-846:8270C	ug/L	14	0	0	1	1.05214	1.14	14	100	-	-	0	0	0	0	-	-	2	-	-	-
Nitroaniline[2-]	SW-846:8270C	ug/L	14	0	0	10	10.5214	11.4	14	100	-	-	0	0	0	0	-	-	2	-	-	-
Nitroaniline[3-]	SW-846:8270C	ug/L	14	0	0	10	10.5214	11.4	14	100	-	-	0	0	0	0	-	-	2	-	-	-
Nitroaniline[4-]	SW-846:8270C	ug/L	14	0	0	10	10.5214	11.4	14	100	-	-	0	0	0	0	-	-	2	-	-	-
Nitrobenzene	SW-846:8270C	ug/L	14	0	0	10	10.5214	11.4	14	100	-	-	0	0	0	0	-	-	2	-	-	-
Nitrophenol[2-]	SW-846:8270C	ug/L	11	0	0	10	10.5818	11.4	11	100	-	-	0	0	0	0	-	-	2	-	-	-
Nitrophenol[4-]	SW-846:8270C	ug/L	13	0	0	10	10.5385	11.4	13	100	-	-	0	0	0	0	-	-	2	-	-	-
Nitrosodiethylamine[N-]	SW-846:8270C	ug/L	14	0	0	10	10.5214	11.4	14	100	-	-	0	0	0	0	-	-	2	-	-	-
Nitrosodimethylamine[N-]	SW-846:8270C	ug/L	14	0	0	10	10.5214	11.4	14	100	-	-	0	0	0	0	-	-	2	-	-	-
Nitroso-di-n-butylamine[N-]	SW-846:8270C	ug/L	12	0	0	10	10.5	11.4	12	100	-	-	0	0	0	0	-	-	2	-	-	-
Nitroso-di-n-propylamine[N-]	SW-846:8270C	ug/L	14	0	0	10	10.5214	11.4	14	100	-	-	0	0	0	0	-	-	2	-	-	-
Nitrosopyrrolidine[N-]	SW-846:8270C	ug/L	14	0	0	10	10.5214	11.4	14	100	-	-	0	0	0	0	-	-	2	-	-	-
Oxybis(1-chloropropane)[2,2'-]	SW-846:8270C	ug/L	14	0	0	10	10.5214	11.4	14	100	-	-	0	0	0	0	-	-	2	-	-	-
Pentachlorobenzene	SW-846:8270C	ug/L	12	0	0	10	10.5	11.4	12	100	-	-	0	0	0	0	-	-	2	-	-	-
Pentachlorophenol	SW-846:8270C	ug/L	13	0	0	10	10.5385	11.4	13	100	-	-	0	0	0	0	19	AqAcU	2	-	-	-

Table B-2
Screening Table for Sandia Watershed

Analyte	Method	Units	No. of Analyses	No. of Detects	D Rate %	Min	Mean	Max	No. of Non-detects	ND Rate %	BV	D> BV	ND> Std	D> Std	D> Std/2	D>Std/2 Rate %	Level	Std Type	Locations with Data (number)	D>Std (number of locations)	D>Std/2 (number of locations)	D>Std Stations
Phenanthrene	SW-846:8270C	ug/L	12	0	0	1	1.05	1.14	12	100	-	-	0	0	0	0	-	-	2	-	-	-
Phenol	SW-846:8270C	ug/L	13	0	0	10	10.5385	11.4	13	100	-	-	0	0	0	0	-	-	2	-	-	-
Pyrene	SW-846:8270C	ug/L	14	0	0	1	1.05214	1.14	14	100	-	-	0	0	0	0	-	-	2	-	-	-
Pyridine	SW-846:8270C	ug/L	3	0	0	10.8	11	11.4	3	100	-	-	0	0	0	0	-	-	2	-	-	-
Tetrachlorobenzene[1,2,4,5]	SW-846:8270C	ug/L	14	0	0	10	10.5214	11.4	14	100	-	-	0	0	0	0	-	-	2	-	-	-
Tetrachlorophenol[2,3,4,6-]	SW-846:8270C	ug/L	13	0	0	10	10.5385	11.4	13	100	-	-	0	0	0	0	-	-	2	-	-	-
Trichlorobenzene[1,2,4-]	SW-846:8270C	ug/L	14	0	0	10	10.5214	11.4	14	100	-	-	0	0	0	0	-	-	2	-	-	-
Trichlorophenol[2,4,5-]	SW-846:8270C	ug/L	11	0	0	10	10.5818	11.4	11	100	-	-	0	0	0	0	-	-	2	-	-	-
Trichlorophenol[2,4,6-]	SW-846:8270C	ug/L	12	0	0	10	10.55	11.4	12	100	-	-	0	0	0	0	-	-	2	-	-	-
Sandia, SVOA, UF, Perennial																						
Acenaphthene	EPA:625	ug/L	3	0	0	1	1.13333	1.2	3	100	-	-	0	0	0	0	990	HHPU	1	-	-	-
Acenaphthene	SW-846:8270C	ug/L	5	0	0	1	1.028	1.06	5	100	-	-	0	0	0	0	990	HHPU	1	-	-	-
Acenaphthylene	EPA:625	ug/L	3	0	0	1	1.13333	1.2	3	100	-	-	0	0	0	0	-	-	1	-	-	-
Acenaphthylene	SW-846:8270C	ug/L	6	0	0	1	1.02833	1.06	6	100	-	-	0	0	0	0	-	-	1	-	-	-
Aniline	EPA:625	ug/L	3	0	0	10.2	11.4667	12.2	3	100	-	-	0	0	0	0	-	-	1	-	-	-
Aniline	SW-846:8270C	ug/L	6	0	0	10	10.2833	10.6	6	100	-	-	0	0	0	0	-	-	1	-	-	-
Anthracene	EPA:625	ug/L	3	0	0	1	1.13333	1.2	3	100	-	-	0	0	0	0	40000	HHPU	1	-	-	-
Anthracene	SW-846:8270C	ug/L	5	0	0	1	1.028	1.06	5	100	-	-	0	0	0	0	40000	HHPU	1	-	-	-
Atrazine	SW-846:8270C	ug/L	6	0	0	10	10.2833	10.6	6	100	-	-	0	0	0	0	-	-	1	-	-	-
Azobenzene	EPA:625	ug/L	2	0	0	12	12.1	12.2	2	100	-	-	0	0	0	0	-	-	1	-	-	-
Azobenzene	SW-846:8270C	ug/L	6	0	0	10	10.2833	10.6	6	100	-	-	0	0	0	0	-	-	1	-	-	-
Benzidine	EPA:625	ug/L	3	0	0	51	57.4	61	3	100	-	-	3	0	0	0	0.002	HHPU	1	-	-	-
Benzidine	SW-846:8270C	ug/L	4	0	0	10.3	30.55	51.5	4	100	-	-	4	0	0	0	0.002	HHPU	1	-	-	-
Benzo(a)anthracene	EPA:625	ug/L	3	0	0	1	1.13333	1.2	3	100	-	-	3	0	0	0	0.18	HHPU	1	-	-	-
Benzo(a)anthracene	SW-846:8270C	ug/L	6	0	0	1	1.02833	1.06	6	100	-	-	6	0	0	0	0.18	HHPU	1	-	-	-
Benzo(a)pyrene	EPA:625	ug/L	3	0	0	1	1.13333	1.2	3	100	-	-	3	0	0	0	0.18	HHPU	1	-	-	-
Benzo(a)pyrene	SW-846:8270C	ug/L	6	0	0	1	1.02833	1.06	6	100	-	-	6	0	0	0	0.18	HHPU	1	-	-	-
Benzo(b)fluoranthene	EPA:625	ug/L	3	0	0	1	1.13333	1.2	3	100	-	-	3	0	0	0	0.18	HHPU	1	-	-	-
Benzo(b)fluoranthene	SW-846:8270C	ug/L	6	0	0	1	1.02833	1.06	6	100	-	-	6	0	0	0	0.18	HHPU	1	-	-	-
Benzo(g,h,i)perylene	EPA:625	ug/L	3	0	0	1	1.13333	1.2	3	100	-	-	0	0	0	0	-	-	1	-	-	-
Benzo(g,h,i)perylene	SW-846:8270C	ug/L	6	0	0	1	1.02833	1.06	6	100	-	-	0	0	0	0	-	-	1	-	-	-
Benzo(k)fluoranthene	EPA:625	ug/L	3	0	0	1	1.13333	1.2	3	100	-	-	3	0	0	0	0.18	HHPU	1	-	-	-
Benzo(k)fluoranthene	SW-846:8270C	ug/L	6	0	0	1	1.02833	1.06	6	100	-	-	6	0	0	0	0.18	HHPU	1	-	-	-
Benzoic Acid	EPA:625	ug/L	3	0	0	20.4	22.9667	24.4	3	100	-	-	0	0	0	0	-	-	1	-	-	-
Benzoic Acid	SW-846:8270C	ug/L	4	0	0	20	20.4	20.8	4	100	-	-	0	0	0	0	-	-	1	-	-	-
Benzyl Alcohol	EPA:625	ug/L	3	0	0	10.2	11.4667	12.2	3	100	-	-	0	0	0	0	-	-	1	-	-	-
Benzyl Alcohol	SW-846:8270C	ug/L	6	0	0	10	10.2833	10.6	6	100	-	-	0	0	0	0	-	-	1	-	-	-
Bis(2-chloroethoxy)methane	EPA:625	ug/L	3	0	0	10.2	11.4667	12.2	3	100	-	-	0	0	0	0	-	-	1	-	-	-
Bis(2-chloroethoxy)methane	SW-846:8270C	ug/L	6	0	0	10	10.2833	10.6	6	100	-	-	0	0	0	0	-	-	1	-	-	-
Bis(2-chloroethyl)ether	EPA:625	ug/L	3	0	0	10.2	11.4667	12.2	3	100	-	-	3	0	0	0	5.3	HHPU	1	-	-	-
Bis(2-chloroethyl)ether	SW-846:8270C	ug/L	6	0	0	10	10.2833	10.6	6	100	-	-	6	0	0	0	5.3	HHPU	1	-	-	-
Bis(2-ethylhexyl)phthalate	EPA:625	ug/L	3	0	0	0.42	8.20667	12.2	3	100	-	-	0	0	0	0	22	HHPU	1	-	-	-
Bis(2-ethylhexyl)phthalate	SW-846:8270C	ug/L	6	0	0	5	9.45	10.6	6	100	-	-	0	0	0	0	22	HHPU	1	-	-	-
Bromophenyl-phenylether[4-]	EPA:625	ug/L	3	0	0	10.2	11.4667	12.2	3	100	-	-	0	0	0	0	-	-	1	-	-	-
Bromophenyl-phenylether[4-]	SW-846:8270C	ug/L	6	0	0	10	10.2833	10.6	6	100	-	-	0	0	0	0	-	-	1	-	-	-
Butylbenzylphthalate	EPA:625	ug/L	3	0	0	10.2	11.4667	12.2	3	100	-	-	0	0	0	0	1900	HHPU	1	-	-	-
Butylbenzylphthalate	SW-846:8270C	ug/L	6	0	0	10	10.2833	10.6	6	100	-	-	0	0	0	0	1900	HHPU	1	-	-	-
Chloro-3-methylphenol[4-]	EPA:625	ug/L	3	0	0	10.2	11.4667	12.2	3	100	-	-	0	0	0	0	-	-	1	-	-	-
Chloro-3-methylphenol[4-]	SW-846:8270C	ug/L	5	0	0	10	10.28	10.6	5	100	-	-	0	0	0	0	-	-	1	-	-	-
Chloroaniline[4-]	EPA:625	ug/L	3	0	0	10.2	11.4667	12.2	3	100	-	-	0	0	0	0	-	-	1	-	-	-
Chloroaniline[4-]	SW-846:8270C	ug/L	6	0	0	10	10.2833	10.6	6	100	-	-	0	0	0	0	-	-	1	-	-	-
Chloronaphthalene[2-]	EPA:625	ug/L	3	0	0	1	1.13333	1.2	3	100	-	-	0	0	0	0	1600	HHPU	1	-	-	-
Chloronaphthalene[2-]	SW-846:8270C	ug/L	5	0	0	1	1.028	1.06	5	100	-	-	0	0	0	0	1600	HHPU	1	-	-	-
Chlorophenol[2-]	EPA:625	ug/L	2	0	0	12	12.1	12.2	2	100	-	-	0	0	0	0	150	HHPU	1	-	-	-
Chlorophenol[2-]	SW-846:8270C	ug/L	5	0	0	10	10.28	10.6	5	100	-	-	0	0	0	0	150	HHPU	1	-	-	-

Table B-2
Screening Table for Sandia Watershed

Analyte	Method	Units	No. of Analyses	No. of Detects	D Rate %	Min	Mean	Max	No. of Non-detects	ND Rate %	BV	D> BV	ND> Std	D> Std	D> Std/2	D>Std/2 Rate %	Level	Std Type	Locations with Data (number)	D>Std (number of locations)	D>Std/2 (number of locations)	D>Std Stations
Chlorophenyl-phenyl[4-] Ether	EPA:625	ug/L	3	0	0	10.2	11.4667	12.2	3	100	-	-	0	0	0	0	-	-	1	-	-	-
Chlorophenyl-phenyl[4-] Ether	SW-846:8270C	ug/L	6	0	0	10	10.2833	10.6	6	100	-	-	0	0	0	0	-	-	1	-	-	-
Chrysene	EPA:625	ug/L	3	0	0	1	1.13333	1.2	3	100	-	-	3	0	0	0	0.18	HHPU	1	-	-	-
Chrysene	SW-846:8270C	ug/L	6	0	0	1	1.02833	1.06	6	100	-	-	6	0	0	0	0.18	HHPU	1	-	-	-
Dibenz(a,h)anthracene	EPA:625	ug/L	3	0	0	1	1.13333	1.2	3	100	-	-	3	0	0	0	0.18	HHPU	1	-	-	-
Dibenz(a,h)anthracene	SW-846:8270C	ug/L	6	0	0	1	1.02833	1.06	6	100	-	-	6	0	0	0	0.18	HHPU	1	-	-	-
Dibenzofuran	EPA:625	ug/L	3	0	0	10.2	11.4667	12.2	3	100	-	-	0	0	0	0	-	-	1	-	-	-
Dibenzofuran	SW-846:8270C	ug/L	6	0	0	10	10.2833	10.6	6	100	-	-	0	0	0	0	-	-	1	-	-	-
Dichlorobenzene[1,2-]	EPA:625	ug/L	3	0	0	10.2	11.4667	12.2	3	100	-	-	0	0	0	0	17000	HHPU	1	-	-	-
Dichlorobenzene[1,2-]	SW-846:8270C	ug/L	6	0	0	10	10.2833	10.6	6	100	-	-	0	0	0	0	17000	HHPU	1	-	-	-
Dichlorobenzene[1,3-]	EPA:625	ug/L	3	0	0	10.2	11.4667	12.2	3	100	-	-	0	0	0	0	960	HHPU	1	-	-	-
Dichlorobenzene[1,3-]	SW-846:8270C	ug/L	6	0	0	10	10.2833	10.6	6	100	-	-	0	0	0	0	960	HHPU	1	-	-	-
Dichlorobenzene[1,4-]	EPA:625	ug/L	3	0	0	10.2	11.4667	12.2	3	100	-	-	0	0	0	0	2600	HHPU	1	-	-	-
Dichlorobenzene[1,4-]	SW-846:8270C	ug/L	6	0	0	10	10.2833	10.6	6	100	-	-	0	0	0	0	2600	HHPU	1	-	-	-
Dichlorobenzidine[3,3'-]	EPA:625	ug/L	3	0	0	10.2	11.4667	12.2	3	100	-	-	3	0	0	0	0.28	HHPU	1	-	-	-
Dichlorobenzidine[3,3'-]	SW-846:8270C	ug/L	5	0	0	10	10.28	10.6	5	100	-	-	5	0	0	0	0.28	HHPU	1	-	-	-
Dichlorophenol[2,4-]	EPA:625	ug/L	2	0	0	12	12.1	12.2	2	100	-	-	0	0	0	0	290	HHPU	1	-	-	-
Dichlorophenol[2,4-]	SW-846:8270C	ug/L	5	0	0	10	10.28	10.6	5	100	-	-	0	0	0	0	290	HHPU	1	-	-	-
Diethylphthalate	EPA:625	ug/L	3	0	0	10.2	11.4667	12.2	3	100	-	-	0	0	0	0	44000	HHPU	1	-	-	-
Diethylphthalate	SW-846:8270C	ug/L	6	0	0	10	10.2833	10.6	6	100	-	-	0	0	0	0	44000	HHPU	1	-	-	-
Dimethyl Phthalate	EPA:625	ug/L	3	0	0	10.2	11.4667	12.2	3	100	-	-	0	0	0	0	1100000	HHPU	1	-	-	-
Dimethyl Phthalate	SW-846:8270C	ug/L	6	0	0	10	10.2833	10.6	6	100	-	-	0	0	0	0	1100000	HHPU	1	-	-	-
Dimethylphenol[2,4-]	EPA:625	ug/L	2	0	0	12	12.1	12.2	2	100	-	-	0	0	0	0	850	HHPU	1	-	-	-
Dimethylphenol[2,4-]	SW-846:8270C	ug/L	5	0	0	10	10.28	10.6	5	100	-	-	0	0	0	0	850	HHPU	1	-	-	-
Di-n-butylphthalate	EPA:625	ug/L	3	0	0	10.2	11.4667	12.2	3	100	-	-	0	0	0	0	4500	HHPU	1	-	-	-
Di-n-butylphthalate	SW-846:8270C	ug/L	5	0	0	10	10.28	10.6	5	100	-	-	0	0	0	0	4500	HHPU	1	-	-	-
Dinitro-2-methylphenol[4,6-]	EPA:625	ug/L	2	0	0	12	12.1	12.2	2	100	-	-	0	0	0	0	280	HHPU	1	-	-	-
Dinitro-2-methylphenol[4,6-]	SW-846:8270C	ug/L	5	0	0	10	10.28	10.6	5	100	-	-	0	0	0	0	280	HHPU	1	-	-	-
Dinitrophenol[2,4-]	EPA:625	ug/L	2	0	0	24.1	24.25	24.4	2	100	-	-	0	0	0	0	5300	HHPU	1	-	-	-
Dinitrophenol[2,4-]	SW-846:8270C	ug/L	5	0	0	20	20.58	21.3	5	100	-	-	0	0	0	0	5300	HHPU	1	-	-	-
Dinitrotoluene[2,4-]	EPA:625	ug/L	3	0	0	10.2	11.4667	12.2	3	100	-	-	0	0	0	0	34	HHPU	1	-	-	-
Dinitrotoluene[2,4-]	SW-846:8270C	ug/L	6	0	0	10	10.2833	10.6	6	100	-	-	0	0	0	0	34	HHPU	1	-	-	-
Dinitrotoluene[2,6-]	EPA:625	ug/L	3	0	0	10.2	11.4667	12.2	3	100	-	-	0	0	0	0	-	-	1	-	-	-
Dinitrotoluene[2,6-]	SW-846:8270C	ug/L	6	0	0	10	10.2833	10.6	6	100	-	-	0	0	0	0	-	-	1	-	-	-
Di-n-octylphthalate	EPA:625	ug/L	3	0	0	10.2	11.4667	12.2	3	100	-	-	0	0	0	0	-	-	1	-	-	-
Di-n-octylphthalate	SW-846:8270C	ug/L	6	0	0	10	10.2833	10.6	6	100	-	-	0	0	0	0	-	-	1	-	-	-
Dinoseb	SW-846:8270C	ug/L	5	0	0	10	10.28	10.6	5	100	-	-	0	0	0	0	-	-	1	-	-	-
Dioxane[1,4-]	SW-846:8270C	ug/L	5	1	20	1.46	1.46	1.46	4	80	-	-	0	0	0	0	-	-	1	-	-	-
Diphenylamine	EPA:625	ug/L	3	0	0	10.2	11.4667	12.2	3	100	-	-	0	0	0	0	-	-	1	-	-	-
Diphenylamine	SW-846:8270C	ug/L	6	0	0	10	10.2833	10.6	6	100	-	-	0	0	0	0	-	-	1	-	-	-
Diphenylhydrazine[1,2-]	EPA:625	ug/L	1	0	0	10.2	10.2	10.2	1	100	-	-	1	0	0	0	2	HHPU	1	-	-	-
Fluoranthene	EPA:625	ug/L	3	0	0	1	1.13333	1.2	3	100	-	-	0	0	0	0	140	HHPU	1	-	-	-
Fluoranthene	SW-846:8270C	ug/L	5	0	0	1	1.028	1.06	5	100	-	-	0	0	0	0	140	HHPU	1	-	-	-
Fluorene	EPA:625	ug/L	3	0	0	1	1.13333	1.2	3	100	-	-	0	0	0	0	5300	HHPU	1	-	-	-
Fluorene	SW-846:8270C	ug/L	5	0	0	1	1.028	1.06	5	100	-	-	0	0	0	0	5300	HHPU	1	-	-	-
Hexachlorobenzene	EPA:625	ug/L	3	0	0	10.2	11.4667	12.2	3	100	-	-	3	0	0	0	0.0029	HHPU	1	-	-	-
Hexachlorobenzene	SW-846:8270C	ug/L	6	0	0	10	10.2833	10.6	6	100	-	-	6	0	0	0	0.0029	HHPU	1	-	-	-
Hexachlorobutadiene	EPA:625	ug/L	3	0	0	10.2	11.4667	12.2	3	100	-	-	0	0	0	0	180	HHPU	1	-	-	-
Hexachlorobutadiene	SW-846:8270C	ug/L	6	0	0	10	10.2833	10.6	6	100	-	-	0	0	0	0	180	HHPU	1	-	-	-
Hexachlorocyclopentadiene	EPA:625	ug/L	3	0	0	10.2	11.4667	12.2	3	100	-	-	0	0	0	0	17000	HHPU	1	-	-	-
Hexachlorocyclopentadiene	SW-846:8270C	ug/L	6	0	0	10	10.2833	10.6	6	100	-	-	0	0	0	0	17000	HHPU	1	-	-	-
Hexachloroethane	EPA:625	ug/L	3	0	0	10.2	11.4667	12.2	3	100	-	-	0	0	0	0	33	HHPU	1	-	-	-
Hexachloroethane	SW-846:8270C	ug/L	6	0	0	10	10.2833	10.6	6	100	-	-	0	0	0	0	33	HHPU	1	-	-	-
Indeno(1,2,3-cd)pyrene	EPA:625	ug/L	3	0	0	1	1.13333	1.2	3	100	-	-	3	0	0	0	0.18	HHPU	1	-	-	-
Indeno(1,2,3-cd)pyrene	SW-846:8270C	ug/L	6	0	0	1	1.02833	1.06	6	100	-	-	6	0	0	0	0.18	HHPU	1	-	-	-

Table B-2
Screening Table for Sandia Watershed

Analyte	Method	Units	No. of Analyses	No. of Detects	D Rate %	Min	Mean	Max	No. of Non-detects	ND Rate %	BV	D> BV	ND> Std	D> Std	D> Std/2	D>Std/2 Rate %	Level	Std Type	Locations with Data (number)	D>Std (number of locations)	D>Std/2 (number of locations)	D>Std Stations
Isophorone	EPA:625	ug/L	3	0	0	10.2	11.4667	12.2	3	100	-	-	0	0	0	0	9600	HHPU	1	-	-	-
Isophorone	SW-846:8270C	ug/L	6	0	0	10	10.2833	10.6	6	100	-	-	0	0	0	0	9600	HHPU	1	-	-	-
Methylnaphthalene[1-]	SW-846:8270C	ug/L	6	0	0	1	1.02833	1.06	6	100	-	-	0	0	0	0	-	-	1	-	-	-
Methylnaphthalene[2-]	EPA:625	ug/L	3	0	0	1	1.13333	1.2	3	100	-	-	0	0	0	0	-	-	1	-	-	-
Methylnaphthalene[2-]	SW-846:8270C	ug/L	5	0	0	1	1.028	1.06	5	100	-	-	0	0	0	0	-	-	1	-	-	-
Methylphenol[2-]	EPA:625	ug/L	2	0	0	12	12.1	12.2	2	100	-	-	0	0	0	0	-	-	1	-	-	-
Methylphenol[2-]	SW-846:8270C	ug/L	5	0	0	10	10.28	10.6	5	100	-	-	0	0	0	0	-	-	1	-	-	-
Methylphenol[3-,4-]	SW-846:8270C	ug/L	5	0	0	10	10.28	10.6	5	100	-	-	0	0	0	0	-	-	1	-	-	-
Methylphenol[4-]	EPA:625	ug/L	2	0	0	12	12.1	12.2	2	100	-	-	0	0	0	0	-	-	1	-	-	-
Methylpyridine[2-]	EPA:625	ug/L	3	0	0	10.2	11.4667	12.2	3	100	-	-	0	0	0	0	-	-	1	-	-	-
Naphthalene	EPA:625	ug/L	3	0	0	1	1.13333	1.2	3	100	-	-	0	0	0	0	-	-	1	-	-	-
Naphthalene	SW-846:8270C	ug/L	6	0	0	1	1.02833	1.06	6	100	-	-	0	0	0	0	-	-	1	-	-	-
Nitroaniline[2-]	EPA:625	ug/L	3	0	0	10.2	11.4667	12.2	3	100	-	-	0	0	0	0	-	-	1	-	-	-
Nitroaniline[2-]	SW-846:8270C	ug/L	6	0	0	10	10.2833	10.6	6	100	-	-	0	0	0	0	-	-	1	-	-	-
Nitroaniline[3-]	EPA:625	ug/L	3	0	0	10.2	11.4667	12.2	3	100	-	-	0	0	0	0	-	-	1	-	-	-
Nitroaniline[3-]	SW-846:8270C	ug/L	6	0	0	10	10.2833	10.6	6	100	-	-	0	0	0	0	-	-	1	-	-	-
Nitroaniline[4-]	EPA:625	ug/L	3	0	0	10.2	11.4667	12.2	3	100	-	-	0	0	0	0	-	-	1	-	-	-
Nitroaniline[4-]	SW-846:8270C	ug/L	6	0	0	10	10.2833	10.6	6	100	-	-	0	0	0	0	-	-	1	-	-	-
Nitrobenzene	EPA:625	ug/L	3	0	0	10.2	11.4667	12.2	3	100	-	-	0	0	0	0	690	HHPU	1	-	-	-
Nitrobenzene	SW-846:8270C	ug/L	6	0	0	10	10.2833	10.6	6	100	-	-	0	0	0	0	690	HHPU	1	-	-	-
Nitrophenol[2-]	EPA:625	ug/L	2	0	0	12	12.1	12.2	2	100	-	-	0	0	0	0	-	-	1	-	-	-
Nitrophenol[2-]	SW-846:8270C	ug/L	5	0	0	10	10.28	10.6	5	100	-	-	0	0	0	0	-	-	1	-	-	-
Nitrophenol[4-]	EPA:625	ug/L	2	0	0	12	12.1	12.2	2	100	-	-	0	0	0	0	-	-	1	-	-	-
Nitrophenol[4-]	SW-846:8270C	ug/L	5	0	0	10	10.28	10.6	5	100	-	-	0	0	0	0	-	-	1	-	-	-
Nitrosodiethylamine[N-]	SW-846:8270C	ug/L	6	0	0	10	10.2833	10.6	6	100	-	-	0	0	0	0	-	-	1	-	-	-
Nitrosodimethylamine[N-]	EPA:625	ug/L	3	0	0	10.2	11.4667	12.2	3	100	-	-	0	0	0	0	30	HHPU	1	-	-	-
Nitrosodimethylamine[N-]	SW-846:8270C	ug/L	6	0	0	10	10.2833	10.6	6	100	-	-	0	0	0	0	30	HHPU	1	-	-	-
Nitroso-di-n-butylamine[N-]	SW-846:8270C	ug/L	5	0	0	10	10.28	10.6	5	100	-	-	0	0	0	0	-	-	1	-	-	-
Nitroso-di-n-propylamine[N-]	EPA:625	ug/L	3	0	0	10.2	11.4667	12.2	3	100	-	-	3	0	0	0	5.1	HHPU	1	-	-	-
Nitroso-di-n-propylamine[N-]	SW-846:8270C	ug/L	6	0	0	10	10.2833	10.6	6	100	-	-	6	0	0	0	5.1	HHPU	1	-	-	-
Nitrosopyrrolidine[N-]	SW-846:8270C	ug/L	6	0	0	10	10.2833	10.6	6	100	-	-	0	0	0	0	-	-	1	-	-	-
Oxybis(1-chloropropane)[2,2'-]	EPA:625	ug/L	3	0	0	10.2	11.4667	12.2	3	100	-	-	0	0	0	0	65000	HHPU	1	-	-	-
Oxybis(1-chloropropane)[2,2'-]	SW-846:8270C	ug/L	6	0	0	10	10.2833	10.6	6	100	-	-	0	0	0	0	65000	HHPU	1	-	-	-
Pentachlorobenzene	SW-846:8270C	ug/L	5	0	0	10	10.28	10.6	5	100	-	-	0	0	0	0	-	-	1	-	-	-
Pentachlorophenol	EPA:625	ug/L	2	0	0	12	12.1	12.2	2	100	-	-	0	0	0	0	19	AqAcU	1	-	-	-
Pentachlorophenol	SW-846:8270C	ug/L	5	0	0	10	10.28	10.6	5	100	-	-	0	0	0	0	19	AqAcU	1	-	-	-
Phenanthrene	EPA:625	ug/L	3	0	0	1	1.13333	1.2	3	100	-	-	0	0	0	0	-	-	1	-	-	-
Phenanthrene	SW-846:8270C	ug/L	5	0	0	1	1.028	1.06	5	100	-	-	0	0	0	0	-	-	1	-	-	-
Phenol	EPA:625	ug/L	2	0	0	12	12.1	12.2	2	100	-	-	0	0	0	0	1700000	HHPU	1	-	-	-
Phenol	SW-846:8270C	ug/L	5	0	0	10	10.28	10.6	5	100	-	-	0	0	0	0	1700000	HHPU	1	-	-	-
Pyrene	EPA:625	ug/L	3	0	0	1	1.13333	1.2	3	100	-	-	0	0	0	0	4000	HHPU	1	-	-	-
Pyrene	SW-846:8270C	ug/L	6	0	0	1	1.02833	1.06	6	100	-	-	0	0	0	0	4000	HHPU	1	-	-	-
Pyridine	EPA:625	ug/L	3	0	0	10.2	11.4667	12.2	3	100	-	-	0	0	0	0	-	-	1	-	-	-
Pyridine	SW-846:8270C	ug/L	1	0	0	10.4	10.4	10.4	1	100	-	-	0	0	0	0	-	-	1	-	-	-
Tetrachlorobenzene[1,2,4,5]	SW-846:8270C	ug/L	6	0	0	10	10.2833	10.6	6	100	-	-	0	0	0	0	-	-	1	-	-	-
Tetrachlorophenol[2,3,4,6-]	SW-846:8270C	ug/L	5	0	0	10	10.28	10.6	5	100	-	-	0	0	0	0	-	-	1	-	-	-
Trichlorobenzene[1,2,4-]	EPA:625	ug/L	3	0	0	10.2	11.4667	12.2	3	100	-	-	0	0	0	0	940	HHPU	1	-	-	-
Trichlorobenzene[1,2,4-]	SW-846:8270C	ug/L	6	0	0	10	10.2833	10.6	6	100	-	-	0	0	0	0	940	HHPU	1	-	-	-
Trichlorophenol[2,4,5-]	EPA:625	ug/L	2	0	0	12	12.1	12.2	2	100	-	-	0	0	0	0	-	-	1	-	-	-
Trichlorophenol[2,4,5-]	SW-846:8270C	ug/L	5	0	0	10	10.28	10.6	5	100	-	-	0	0	0	0	-	-	1	-	-	-
Trichlorophenol[2,4,6-]	EPA:625	ug/L	2	0	0	12	12.1	12.2	2	100	-	-	0	0	0	0	24	HHPU	1	-	-	-
Trichlorophenol[2,4,6-]	SW-846:8270C	ug/L	5	0	0	10	10.28	10.6	5	100	-	-	0	0	0	0	24	HHPU	1	-	-	-
Sandia, SVOA, UF, Alluvial																						
Acenaphthene	SW-846:8270C	ug/L	7	0	0	1	1.09714	1.39	7	100	-	-	0	0	0	0	365	Reg6	4	-	-	-
Acenaphthylene	SW-846:8270C	ug/L	7	0	0	1	1.09714	1.39	7	100	-	-	0	0	0	0	-	-	4	-	-	-

Table B-2
Screening Table for Sandia Watershed

Analyte	Method	Units	No. of Analyses	No. of Detects	D Rate %	Min	Mean	Max	No. of Non-detects	ND Rate %	BV	D> BV	ND> Std	D> Std	D> Std/2	D>Std/2 Rate %	Level	Std Type	Locations with Data (number)	D>Std (number of locations)	D>Std/2 (number of locations)	D>Std Stations
Aniline	SW-846:8270C	ug/L	7	0	0	*10*	*10.9714*	*13.9*	7	100	-	-	0	0	0	0	117.9501	Reg6	4	-	-	-
Anthracene	SW-846:8270C	ug/L	5	0	0	*1*	*1.026*	*1.06*	5	100	-	-	0	0	0	0	1825	Reg6	3	-	-	-
Atrazine	SW-846:8270C	ug/L	7	0	0	*10*	*10.9714*	*13.9*	7	100	-	-	7	0	0	0	3	MCL	4	-	-	-
Azobenzene	SW-846:8270C	ug/L	7	0	0	*10*	*10.9714*	*13.9*	7	100	-	-	7	0	0	0	6.111958	Reg6	4	-	-	-
Benzidine	SW-846:8270C	ug/L	5	0	0	*10*	*19.64*	*52.1*	5	100	-	-	5	0	0	0	0.000936258	Reg6	3	-	-	-
Benzo(a)anthracene	SW-846:8270C	ug/L	7	0	0	*1*	*1.09714*	*1.39*	7	100	-	-	7	0	0	0	0.2949853	Reg6	4	-	-	-
Benzo(a)pyrene	SW-846:8270C	ug/L	7	0	0	*1*	*1.09714*	*1.39*	7	100	-	-	7	0	0	0	0.2	MCL	4	-	-	-
Benzo(b)fluoranthene	SW-846:8270C	ug/L	7	0	0	*1*	*1.09714*	*1.39*	7	100	-	-	7	0	0	0	0.2949853	Reg6	4	-	-	-
Benzo(g,h,i)perylene	SW-846:8270C	ug/L	7	0	0	*1*	*1.09714*	*1.39*	7	100	-	-	0	0	0	0	-	-	4	-	-	-
Benzo(k)fluoranthene	SW-846:8270C	ug/L	7	0	0	*1*	*1.09714*	*1.39*	7	100	-	-	0	0	0	0	2.949853	Reg6	4	-	-	-
Benzoic Acid	SW-846:8270C	ug/L	5	0	0	*20*	*22.34*	*27.8*	5	100	-	-	0	0	0	0	146000	Reg6	3	-	-	-
Benzyl Alcohol	SW-846:8270C	ug/L	7	0	0	*10*	*10.9714*	*13.9*	7	100	-	-	0	0	0	0	10950	Reg6	4	-	-	-
Bis(2-chloroethoxy)methane	SW-846:8270C	ug/L	7	0	0	*10*	*10.9714*	*13.9*	7	100	-	-	0	0	0	0	-	-	4	-	-	-
Bis(2-chloroethyl)ether	SW-846:8270C	ug/L	7	0	0	*10*	*10.9714*	*13.9*	7	100	-	-	7	0	0	0	0.602164	Reg6	4	-	-	-
Bis(2-ethylhexyl)phthalate	SW-846:8270C	ug/L	7	0	0	*10*	*10.9714*	*13.9*	7	100	-	-	7	0	0	0	6	MCL	4	-	-	-
Bromophenyl-phenylether[4-]	SW-846:8270C	ug/L	7	0	0	*10*	*10.9714*	*13.9*	7	100	-	-	0	0	0	0	-	-	4	-	-	-
Butylbenzylphthalate	SW-846:8270C	ug/L	7	0	0	*10*	*10.9714*	*13.9*	7	100	-	-	0	0	0	0	7300	Reg6	4	-	-	-
Chloro-3-methylphenol[4-]	SW-846:8270C	ug/L	5	0	0	*10*	*11.16*	*13.9*	5	100	-	-	0	0	0	0	-	-	3	-	-	-
Chloroaniline[4-]	SW-846:8270C	ug/L	7	0	0	*10*	*10.9714*	*13.9*	7	100	-	-	0	0	0	0	146	Reg6	4	-	-	-
Chloronaphthalene[2-]	SW-846:8270C	ug/L	7	0	0	*1*	*1.09714*	*1.39*	7	100	-	-	0	0	0	0	486.6667	Reg6	4	-	-	-
Chlorophenol[2-]	SW-846:8270C	ug/L	5	0	0	*10*	*11.16*	*13.9*	5	100	-	-	0	0	0	0	30.41667	Reg6	3	-	-	-
Chlorophenyl-phenyl[4-] Ether	SW-846:8270C	ug/L	7	0	0	*10*	*10.9714*	*13.9*	7	100	-	-	0	0	0	0	-	-	4	-	-	-
Chrysene	SW-846:8270C	ug/L	7	0	0	*1*	*1.09714*	*1.39*	7	100	-	-	7	0	0	0	0.2	MCL	4	-	-	-
Dibenz(a,h)anthracene	SW-846:8270C	ug/L	7	0	0	*1*	*1.09714*	*1.39*	7	100	-	-	7	0	0	0	0.02949853	Reg6	4	-	-	-
Dibenzofuran	SW-846:8270C	ug/L	5	0	0	*10*	*10.26*	*10.6*	5	100	-	-	0	0	0	0	12.16667	Reg6	3	-	-	-
Dichlorobenzene[1,2-]	SW-846:8270C	ug/L	7	0	0	*10*	*10.9714*	*13.9*	7	100	-	-	0	0	0	0	600	MCL	4	-	-	-
Dichlorobenzene[1,3-]	SW-846:8270C	ug/L	7	0	0	*10*	*10.9714*	*13.9*	7	100	-	-	0	0	0	0	600	MCL	4	-	-	-
Dichlorobenzene[1,4-]	SW-846:8270C	ug/L	7	0	0	*10*	*10.9714*	*13.9*	7	100	-	-	0	0	0	0	75	MCL	4	-	-	-
Dichlorobenzidine[3,3'-]	SW-846:8270C	ug/L	5	0	0	*10*	*10.26*	*10.6*	5	100	-	-	5	0	0	0	1.494034	Reg6	3	-	-	-
Dichlorophenol[2,4-]	SW-846:8270C	ug/L	5	0	0	*10*	*11.16*	*13.9*	5	100	-	-	0	0	0	0	109.5	Reg6	3	-	-	-
Diethylphthalate	SW-846:8270C	ug/L	7	0	0	*10*	*10.9714*	*13.9*	7	100	-	-	0	0	0	0	29200	Reg6	4	-	-	-
Dimethyl Phthalate	SW-846:8270C	ug/L	7	0	0	*10*	*10.9714*	*13.9*	7	100	-	-	0	0	0	0	365000	Reg6	4	-	-	-
Dimethylphenol[2,4-]	SW-846:8270C	ug/L	5	0	0	*10*	*11.16*	*13.9*	5	100	-	-	0	0	0	0	730	Reg6	3	-	-	-
Di-n-butylphthalate	SW-846:8270C	ug/L	7	0	0	*10*	*10.9714*	*13.9*	7	100	-	-	0	0	0	0	3650	Reg6	4	-	-	-
Dinitro-2-methylphenol[4,6-]	SW-846:8270C	ug/L	5	0	0	*10*	*11.16*	*13.9*	5	100	-	-	0	0	0	0	-	-	3	-	-	-
Dinitrophenol[2,4-]	SW-846:8270C	ug/L	5	0	0	*20*	*22.34*	*27.8*	5	100	-	-	0	0	0	0	73	Reg6	3	-	-	-
Dinitrotoluene[2,4-]	SW-846:8270C	ug/L	7	0	0	*10*	*10.9714*	*13.9*	7	100	-	-	0	0	0	0	73	Reg6	4	-	-	-
Dinitrotoluene[2,6-]	SW-846:8270C	ug/L	7	0	0	*10*	*10.9714*	*13.9*	7	100	-	-	0	0	0	0	36.5	Reg6	4	-	-	-
Di-n-octylphthalate	SW-846:8270C	ug/L	7	0	0	*10*	*10.9714*	*13.9*	7	100	-	-	0	0	0	0	-	-	4	-	-	-
Dinoseb	SW-846:8270C	ug/L	5	0	0	*10*	*11.16*	*13.9*	5	100	-	-	0	0	0	0	-	-	3	-	-	-
Dioxane[1,4-]	SW-846:8270C	ug/L	7	0	0	*10*	*10.9714*	*13.9*	7	100	-	-	0	0	0	0	61.11958	Reg6	4	-	-	-
Diphenylamine	SW-846:8270C	ug/L	7	0	0	*10*	*10.9714*	*13.9*	7	100	-	-	0	0	0	0	912.5	Reg6	4	-	-	-
Fluoranthene	SW-846:8270C	ug/L	7	0	0	*1*	*1.09714*	*1.39*	7	100	-	-	0	0	0	0	1460	Reg6	4	-	-	-
Fluorene	SW-846:8270C	ug/L	7	0	0	*1*	*1.09714*	*1.39*	7	100	-	-	0	0	0	0	243.3333	Reg6	4	-	-	-
Hexachlorobenzene	SW-846:8270C	ug/L	7	0	0	*10*	*10.9714*	*13.9*	7	100	-	-	7	0	0	0	1	MCL	4	-	-	-
Hexachlorobutadiene	SW-846:8270C	ug/L	7	0	0	*10*	*10.9714*	*13.9*	7	100	-	-	7	0	0	0	8.619427	Reg6	4	-	-	-
Hexachlorocyclopentadiene	SW-846:8270C	ug/L	7	0	0	*10*	*10.9714*	*13.9*	7	100	-	-	0	0	0	0	50	MCL	4	-	-	-
Hexachloroethane	SW-846:8270C	ug/L	7	0	0	*10*	*10.9714*	*13.9*	7	100	-	-	0	0	0	0	48.02252	Reg6	4	-	-	-
Indeno(1,2,3-cd)pyrene	SW-846:8270C	ug/L	7	0	0	*1*	*1.09714*	*1.39*	7	100	-	-	7	0	0	0	0.2949853	Reg6	4	-	-	-
Isophorone	SW-846:8270C	ug/L	7	0	0	*10*	*10.9714*	*13.9*	7	100	-	-	0	0	0	0	707.7004	Reg6	4	-	-	-
Methylnaphthalene[1-]	SW-846:8270C	ug/L	7	0	0	*1*	*1.09714*	*1.39*	7	100	-	-	0	0	0	0	-	-	4	-	-	-
Methylnaphthalene[2-]	SW-846:8270C	ug/L	7	0	0	*1*	*1.09714*	*1.39*	7	100	-	-	0	0	0	0	-	-	4	-	-	-
Methylphenol[2-]	SW-846:8270C	ug/L	5	0	0	*10*	*11.16*	*13.9*	5	100	-	-	0	0	0	0	1825	Reg6	3	-	-	-
Methylphenol[3-,4-]	SW-846:8270C	ug/L	5	0	0	*10*	*11.16*	*13.9*	5	100	-	-	0	0	0	0	-	-	3	-	-	-
Naphthalene	SW-846:8270C	ug/L	7	0	0	*1*	*1.09714*	*1.39*	7	100	-	-	0	0	0	0	30	NMGSU	4	-	-	-

Table B-2
Screening Table for Sandia Watershed

Analyte	Method	Units	No. of Analyses	No. of Detects	D Rate %	Min	Mean	Max	No. of Non-detects	ND Rate %	BV	D> BV	ND> Std	D> Std	D> Std/2	D>Std/2 Rate %	Level	Std Type	Locations with Data (number)	D>Std (number of locations)	D>Std/2 (number of locations)	D>Std Stations
Nitroaniline[2-]	SW-846:8270C	ug/L	7	0	0	10	10.9714	13.9	7	100	-	-	0	0	0	0	109.5	Reg6	4	-	-	-
Nitroaniline[3-]	SW-846:8270C	ug/L	7	0	0	10	10.9714	13.9	7	100	-	-	0	0	0	0	-	-	4	-	-	-
Nitroaniline[4-]	SW-846:8270C	ug/L	7	0	0	10	10.9714	13.9	7	100	-	-	0	0	0	0	-	-	4	-	-	-
Nitrobenzene	SW-846:8270C	ug/L	7	0	0	10	10.9714	13.9	7	100	-	-	7	0	0	0	3.395349	Reg6	4	-	-	-
Nitrophenol[2-]	SW-846:8270C	ug/L	5	0	0	10	11.16	13.9	5	100	-	-	0	0	0	0	-	-	3	-	-	-
Nitrophenol[4-]	SW-846:8270C	ug/L	5	0	0	10	11.16	13.9	5	100	-	-	0	0	0	0	292	Reg6	3	-	-	-
Nitrosodiethylamine[N-]	SW-846:8270C	ug/L	7	0	0	10	10.9714	13.9	7	100	-	-	7	0	0	0	0.001435595	Reg6	4	-	-	-
Nitrosodimethylamine[N-]	SW-846:8270C	ug/L	7	0	0	10	10.9714	13.9	7	100	-	-	7	0	0	0	0.004222338	Reg6	4	-	-	-
Nitroso-di-n-butylamine[N-]	SW-846:8270C	ug/L	5	0	0	10	10.26	10.6	5	100	-	-	5	0	0	0	0.1226854	Reg6	3	-	-	-
Nitroso-di-n-propylamine[N-]	SW-846:8270C	ug/L	7	0	0	10	10.9714	13.9	7	100	-	-	7	0	0	0	0.09604505	Reg6	4	-	-	-
Nitrosopyrrolidine[N-]	SW-846:8270C	ug/L	7	0	0	10	10.9714	13.9	7	100	-	-	7	0	0	0	0.3201502	Reg6	4	-	-	-
Oxybis(1-chloropropane)[2,2'-]	SW-846:8270C	ug/L	7	0	0	10	10.9714	13.9	7	100	-	-	7	0	0	0	9.536393	Reg6	4	-	-	-
Pentachlorobenzene	SW-846:8270C	ug/L	7	0	0	10	10.9714	13.9	7	100	-	-	0	0	0	0	29.2	Reg6	4	-	-	-
Pentachlorophenol	SW-846:8270C	ug/L	5	0	0	10	11.16	13.9	5	100	-	-	5	0	0	0	1	MCL	3	-	-	-
Phenanthrene	SW-846:8270C	ug/L	5	0	0	1	1.026	1.06	5	100	-	-	0	0	0	0	-	-	3	-	-	-
Phenol	SW-846:8270C	ug/L	5	0	0	10	11.16	13.9	5	100	-	-	5	0	0	0	5	NMGSU	3	-	-	-
Pyrene	SW-846:8270C	ug/L	7	0	0	1	1.09714	1.39	7	100	-	-	0	0	0	0	182.5	Reg6	4	-	-	-
Pyridine	SW-846:8270C	ug/L	2	0	0	10	10.3	10.6	2	100	-	-	0	0	0	0	36.5	Reg6	2	-	-	-
Tetrachlorobenzene[1,2,4,5]	SW-846:8270C	ug/L	7	0	0	10	10.9714	13.9	7	100	-	-	7	0	0	0	0.00003	MCL	4	-	-	-
Tetrachlorophenol[2,3,4,6-]	SW-846:8270C	ug/L	5	0	0	10	11.16	13.9	5	100	-	-	5	0	0	0	5	MCL	3	-	-	-
Trichlorobenzene[1,2,4-]	SW-846:8270C	ug/L	7	0	0	10	10.9714	13.9	7	100	-	-	0	0	0	0	70	MCL	4	-	-	-
Trichlorophenol[2,4,5-]	SW-846:8270C	ug/L	5	0	0	10	11.16	13.9	5	100	-	-	0	0	0	0	3650	Reg6	3	-	-	-
Trichlorophenol[2,4,6-]	SW-846:8270C	ug/L	6	0	0	10	11.0333	13.9	6	100	-	-	0	0	0	0	61.11958	Reg6	4	-	-	-
Sandia, SVOA, UF, Intermediate																						
Acenaphthene	SW-846:8270	ug/L	1	0	0	1	1	1	1	100	-	-	0	0	0	0	365	Reg6	1	-	-	-
Acenaphthene	SW-846:8270C	ug/L	7	0	0	1	1.19143	2	7	100	-	-	0	0	0	0	365	Reg6	2	-	-	-
Acenaphthylene	SW-846:8270	ug/L	1	0	0	1	1	1	1	100	-	-	0	0	0	0	-	-	1	-	-	-
Acenaphthylene	SW-846:8270C	ug/L	7	0	0	1	1.19143	2	7	100	-	-	0	0	0	0	-	-	2	-	-	-
Aniline	SW-846:8270	ug/L	1	0	0	10.3	10.3	10.3	1	100	-	-	0	0	0	0	117.9501	Reg6	1	-	-	-
Aniline	SW-846:8270C	ug/L	7	0	0	10.4	11.9857	20	7	100	-	-	0	0	0	0	117.9501	Reg6	2	-	-	-
Anthracene	SW-846:8270	ug/L	1	0	0	1	1	1	1	100	-	-	0	0	0	0	1825	Reg6	1	-	-	-
Anthracene	SW-846:8270C	ug/L	7	0	0	1	1.19143	2	7	100	-	-	0	0	0	0	1825	Reg6	2	-	-	-
Atrazine	SW-846:8270C	ug/L	7	0	0	10.4	11.9857	20	7	100	-	-	7	0	0	0	3	MCL	2	-	-	-
Azobenzene	SW-846:8270	ug/L	1	0	0	10.3	10.3	10.3	1	100	-	-	1	0	0	0	6.111958	Reg6	1	-	-	-
Azobenzene	SW-846:8270C	ug/L	7	0	0	10.4	11.9857	20	7	100	-	-	7	0	0	0	6.111958	Reg6	2	-	-	-
Benzidine	SW-846:8270	ug/L	1	0	0	51.5	51.5	51.5	1	100	-	-	1	0	0	0	0.000936258	Reg6	1	-	-	-
Benzidine	SW-846:8270C	ug/L	7	0	0	10.4	30.1143	53.2	7	100	-	-	7	0	0	0	0.000936258	Reg6	2	-	-	-
Benzo(a)anthracene	SW-846:8270	ug/L	1	0	0	1	1	1	1	100	-	-	1	0	0	0	0.2949853	Reg6	1	-	-	-
Benzo(a)anthracene	SW-846:8270C	ug/L	7	0	0	1	1.19143	2	7	100	-	-	7	0	0	0	0.2949853	Reg6	2	-	-	-
Benzo(a)pyrene	SW-846:8270	ug/L	1	0	0	1	1	1	1	100	-	-	1	0	0	0	0.2	MCL	1	-	-	-
Benzo(a)pyrene	SW-846:8270C	ug/L	7	0	0	1	1.19143	2	7	100	-	-	7	0	0	0	0.2	MCL	2	-	-	-
Benzo(b)fluoranthene	SW-846:8270	ug/L	1	0	0	1	1	1	1	100	-	-	1	0	0	0	0.2949853	Reg6	1	-	-	-
Benzo(b)fluoranthene	SW-846:8270C	ug/L	7	0	0	1	1.19143	2	7	100	-	-	7	0	0	0	0.2949853	Reg6	2	-	-	-
Benzo(g,h,i)perylene	SW-846:8270	ug/L	1	0	0	1	1	1	1	100	-	-	0	0	0	0	-	-	1	-	-	-
Benzo(g,h,i)perylene	SW-846:8270C	ug/L	7	0	0	1	1.19143	2	7	100	-	-	0	0	0	0	-	-	2	-	-	-
Benzo(k)fluoranthene	SW-846:8270	ug/L	1	0	0	1	1	1	1	100	-	-	0	0	0	0	2.949853	Reg6	1	-	-	-
Benzo(k)fluoranthene	SW-846:8270C	ug/L	7	0	0	1	1.19143	2	7	100	-	-	0	0	0	0	2.949853	Reg6	2	-	-	-
Benzoic Acid	SW-846:8270	ug/L	1	1	100	19.7	19.7	19.7	0	0	-	-	0	0	0	0	146000	Reg6	1	-	-	-
Benzoic Acid	SW-846:8270C	ug/L	5	1	20	12.8	12.8	12.8	4	80	-	-	0	0	0	0	146000	Reg6	2	-	-	-
Benzyl Alcohol	SW-846:8270	ug/L	1	0	0	10.3	10.3	10.3	1	100	-	-	0	0	0	0	10950	Reg6	1	-	-	-
Benzyl Alcohol	SW-846:8270C	ug/L	7	0	0	10.4	11.9857	20	7	100	-	-	0	0	0	0	10950	Reg6	2	-	-	-
Bis(2-chloroethoxy)methane	SW-846:8270	ug/L	1	0	0	10.3	10.3	10.3	1	100	-	-	0	0	0	0	-	-	1	-	-	-
Bis(2-chloroethoxy)methane	SW-846:8270C	ug/L	7	0	0	10.4	11.9857	20	7	100	-	-	0	0	0	0	-	-	2	-	-	-
Bis(2-chloroethyl)ether	SW-846:8270	ug/L	1	0	0	10.3	10.3	10.3	1	100	-	-	1	0	0	0	0.602164	Reg6	1	-	-	-
Bis(2-chloroethyl)ether	SW-846:8270C	ug/L	7	0	0	10.4	11.9857	20	7	100	-	-	7	0	0	0	0.602164	Reg6	2	-	-	-

Table B-2
Screening Table for Sandia Watershed

Analyte	Method	Units	No. of Analyses	No. of Detects	D Rate %	Min	Mean	Max	No. of Non-detects	ND Rate %	BV	D> BV	ND> Std	D> Std	D> Std/2	D>Std/2 Rate %	Level	Std Type	Locations with Data (number)	D>Std (number of locations)	D>Std/2 (number of locations)	D>Std Stations
Bis(2-ethylhexyl)phthalate	SW-846:8270	ug/L	1	0	0	10.3	10.3	10.3	1	100	-	-	1	0	0	0	6	MCL	1	-	-	-
Bis(2-ethylhexyl)phthalate	SW-846:8270C	ug/L	7	0	0	10.4	11.9857	20	7	100	-	-	7	0	0	0	6	MCL	2	-	-	-
Bromophenyl-phenylether[4-]	SW-846:8270	ug/L	1	0	0	10.3	10.3	10.3	1	100	-	-	0	0	0	0	-	-	1	-	-	-
Bromophenyl-phenylether[4-]	SW-846:8270C	ug/L	7	0	0	10.4	11.9857	20	7	100	-	-	0	0	0	0	-	-	2	-	-	-
Butylbenzylphthalate	SW-846:8270	ug/L	1	0	0	10.3	10.3	10.3	1	100	-	-	0	0	0	0	7300	Reg6	1	-	-	-
Butylbenzylphthalate	SW-846:8270C	ug/L	7	0	0	10.4	11.9857	20	7	100	-	-	0	0	0	0	7300	Reg6	2	-	-	-
Chloro-3-methylphenol[4-]	SW-846:8270	ug/L	1	0	0	10.3	10.3	10.3	1	100	-	-	0	0	0	0	-	-	1	-	-	-
Chloro-3-methylphenol[4-]	SW-846:8270C	ug/L	7	0	0	10.4	11.9857	20	7	100	-	-	0	0	0	0	-	-	2	-	-	-
Chloroaniline[4-]	SW-846:8270	ug/L	1	0	0	10.3	10.3	10.3	1	100	-	-	0	0	0	0	146	Reg6	1	-	-	-
Chloroaniline[4-]	SW-846:8270C	ug/L	7	0	0	10.4	11.9857	20	7	100	-	-	0	0	0	0	146	Reg6	2	-	-	-
Chloronaphthalene[2-]	SW-846:8270	ug/L	1	0	0	1	1	1	1	100	-	-	0	0	0	0	486.6667	Reg6	1	-	-	-
Chloronaphthalene[2-]	SW-846:8270C	ug/L	7	0	0	1	1.19143	2	7	100	-	-	0	0	0	0	486.6667	Reg6	2	-	-	-
Chlorophenol[2-]	SW-846:8270	ug/L	1	0	0	10.3	10.3	10.3	1	100	-	-	0	0	0	0	30.41667	Reg6	1	-	-	-
Chlorophenol[2-]	SW-846:8270C	ug/L	7	0	0	10.4	11.9857	20	7	100	-	-	0	0	0	0	30.41667	Reg6	2	-	-	-
Chlorophenyl-phenyl[4-] Ether	SW-846:8270	ug/L	1	0	0	10.3	10.3	10.3	1	100	-	-	0	0	0	0	-	-	1	-	-	-
Chlorophenyl-phenyl[4-] Ether	SW-846:8270C	ug/L	7	0	0	10.4	11.9857	20	7	100	-	-	0	0	0	0	-	-	2	-	-	-
Chrysene	SW-846:8270	ug/L	1	0	0	1	1	1	1	100	-	-	1	0	0	0	0.2	MCL	1	-	-	-
Chrysene	SW-846:8270C	ug/L	7	0	0	1	1.19143	2	7	100	-	-	7	0	0	0	0.2	MCL	2	-	-	-
Dibenz(a,h)anthracene	SW-846:8270	ug/L	1	0	0	1	1	1	1	100	-	-	1	0	0	0	0.02949853	Reg6	1	-	-	-
Dibenz(a,h)anthracene	SW-846:8270C	ug/L	7	0	0	1	1.19143	2	7	100	-	-	7	0	0	0	0.02949853	Reg6	2	-	-	-
Dibenzofuran	SW-846:8270	ug/L	1	0	0	10.3	10.3	10.3	1	100	-	-	0	0	0	0	12.16667	Reg6	1	-	-	-
Dibenzofuran	SW-846:8270C	ug/L	7	0	0	10.4	11.9857	20	7	100	-	-	1	0	0	0	12.16667	Reg6	2	-	-	-
Dichlorobenzene[1,2-]	SW-846:8270	ug/L	1	0	0	10.3	10.3	10.3	1	100	-	-	0	0	0	0	600	MCL	1	-	-	-
Dichlorobenzene[1,2-]	SW-846:8270C	ug/L	7	0	0	10.4	11.9857	20	7	100	-	-	0	0	0	0	600	MCL	2	-	-	-
Dichlorobenzene[1,3-]	SW-846:8270	ug/L	1	0	0	10.3	10.3	10.3	1	100	-	-	0	0	0	0	600	MCL	1	-	-	-
Dichlorobenzene[1,3-]	SW-846:8270C	ug/L	7	0	0	10.4	11.9857	20	7	100	-	-	0	0	0	0	600	MCL	2	-	-	-
Dichlorobenzene[1,4-]	SW-846:8270	ug/L	1	0	0	10.3	10.3	10.3	1	100	-	-	0	0	0	0	75	MCL	1	-	-	-
Dichlorobenzene[1,4-]	SW-846:8270C	ug/L	7	0	0	10.4	11.9857	20	7	100	-	-	0	0	0	0	75	MCL	2	-	-	-
Dichlorobenzidine[3,3'-]	SW-846:8270	ug/L	1	0	0	10.3	10.3	10.3	1	100	-	-	1	0	0	0	1.494034	Reg6	1	-	-	-
Dichlorobenzidine[3,3'-]	SW-846:8270C	ug/L	7	0	0	10.4	11.9857	20	7	100	-	-	7	0	0	0	1.494034	Reg6	2	-	-	-
Dichlorophenol[2,4-]	SW-846:8270	ug/L	1	0	0	10.3	10.3	10.3	1	100	-	-	0	0	0	0	109.5	Reg6	1	-	-	-
Dichlorophenol[2,4-]	SW-846:8270C	ug/L	7	0	0	10.4	11.9857	20	7	100	-	-	0	0	0	0	109.5	Reg6	2	-	-	-
Diethylphthalate	SW-846:8270	ug/L	1	0	0	10.3	10.3	10.3	1	100	-	-	0	0	0	0	29200	Reg6	1	-	-	-
Diethylphthalate	SW-846:8270C	ug/L	7	0	0	10.4	11.9857	20	7	100	-	-	0	0	0	0	29200	Reg6	2	-	-	-
Dimethyl Phthalate	SW-846:8270	ug/L	1	0	0	10.3	10.3	10.3	1	100	-	-	0	0	0	0	365000	Reg6	1	-	-	-
Dimethyl Phthalate	SW-846:8270C	ug/L	7	0	0	10.4	11.9857	20	7	100	-	-	0	0	0	0	365000	Reg6	2	-	-	-
Dimethylphenol[2,4-]	SW-846:8270	ug/L	1	0	0	10.3	10.3	10.3	1	100	-	-	0	0	0	0	730	Reg6	1	-	-	-
Dimethylphenol[2,4-]	SW-846:8270C	ug/L	7	0	0	10.4	11.9857	20	7	100	-	-	0	0	0	0	730	Reg6	2	-	-	-
Di-n-butylphthalate	SW-846:8270	ug/L	1	0	0	10.3	10.3	10.3	1	100	-	-	0	0	0	0	3650	Reg6	1	-	-	-
Di-n-butylphthalate	SW-846:8270C	ug/L	7	0	0	10.4	11.9857	20	7	100	-	-	0	0	0	0	3650	Reg6	2	-	-	-
Dinitro-2-methylphenol[4,6-]	SW-846:8270	ug/L	1	0	0	10.3	10.3	10.3	1	100	-	-	0	0	0	0	-	-	1	-	-	-
Dinitro-2-methylphenol[4,6-]	SW-846:8270C	ug/L	7	0	0	10.4	11.9857	20	7	100	-	-	0	0	0	0	-	-	2	-	-	-
Dinitrophenol[2,4-]	SW-846:8270	ug/L	1	0	0	20.6	20.6	20.6	1	100	-	-	0	0	0	0	73	Reg6	1	-	-	-
Dinitrophenol[2,4-]	SW-846:8270C	ug/L	7	0	0	20.8	23.9857	40	7	100	-	-	0	0	0	0	73	Reg6	2	-	-	-
Dinitrotoluene[2,4-]	SW-846:8270	ug/L	1	0	0	10.3	10.3	10.3	1	100	-	-	0	0	0	0	73	Reg6	1	-	-	-
Dinitrotoluene[2,4-]	SW-846:8270C	ug/L	7	0	0	10.4	11.9857	20	7	100	-	-	0	0	0	0	73	Reg6	2	-	-	-
Dinitrotoluene[2,6-]	SW-846:8270	ug/L	1	0	0	10.3	10.3	10.3	1	100	-	-	0	0	0	0	36.5	Reg6	1	-	-	-
Dinitrotoluene[2,6-]	SW-846:8270C	ug/L	7	0	0	10.4	11.9857	20	7	100	-	-	0	0	0	0	36.5	Reg6	2	-	-	-
Di-n-octylphthalate	SW-846:8270	ug/L	1	0	0	10.3	10.3	10.3	1	100	-	-	0	0	0	0	-	-	1	-	-	-
Di-n-octylphthalate	SW-846:8270C	ug/L	7	0	0	10.4	11.9857	20	7	100	-	-	0	0	0	0	-	-	2	-	-	-
Dinoseb	SW-846:8270C	ug/L	7	0	0	9.13	11.7757	20	7	100	-	-	0	0	0	0	-	-	2	-	-	-
Dioxane[1,4-]	SW-846:8270C	ug/L	4	0	0	10.4	13.1	20	4	100	-	-	0	0	0	0	61.11958	Reg6	1	-	-	-
Diphenylamine	SW-846:8270	ug/L	1	0	0	10.3	10.3	10.3	1	100	-	-	0	0	0	0	912.5	Reg6	1	-	-	-
Diphenylamine	SW-846:8270C	ug/L	7	0	0	10.4	11.9857	20	7	100	-	-	0	0	0	0	912.5	Reg6	2	-	-	-
Fluoranthene	SW-846:8270	ug/L	1	0	0	1	1	1	1	100	-	-	0	0	0	0	1460	Reg6	1	-	-	-

Table B-2
Screening Table for Sandia Watershed

Analyte	Method	Units	No. of Analyses	No. of Detects	D Rate %	Min	Mean	Max	No. of Non-detects	ND Rate %	BV	D> BV	ND> Std	D> Std	D> Std/2	D>Std/2 Rate %	Level	Std Type	Locations with Data (number)	D>Std (number of locations)	D>Std/2 (number of locations)	D>Std Stations
Fluoranthene	SW-846:8270C	ug/L	7	0	0	1	1.19143	2	7	100	-	-	0	0	0	0	1460	Reg6	2	-	-	-
Fluorene	SW-846:8270	ug/L	1	0	0	1	1	1	1	100	-	-	0	0	0	0	243.3333	Reg6	1	-	-	-
Fluorene	SW-846:8270C	ug/L	7	0	0	1	1.19143	2	7	100	-	-	0	0	0	0	243.3333	Reg6	2	-	-	-
Hexachlorobenzene	SW-846:8270	ug/L	1	0	0	10.3	10.3	10.3	1	100	-	-	1	0	0	0	1	MCL	1	-	-	-
Hexachlorobenzene	SW-846:8270C	ug/L	7	0	0	10.4	11.9857	20	7	100	-	-	7	0	0	0	1	MCL	2	-	-	-
Hexachlorobutadiene	SW-846:8270	ug/L	1	0	0	10.3	10.3	10.3	1	100	-	-	1	0	0	0	8.619427	Reg6	1	-	-	-
Hexachlorobutadiene	SW-846:8270C	ug/L	7	0	0	10.4	11.9857	20	7	100	-	-	7	0	0	0	8.619427	Reg6	2	-	-	-
Hexachlorocyclopentadiene	SW-846:8270	ug/L	1	0	0	10.3	10.3	10.3	1	100	-	-	0	0	0	0	50	MCL	1	-	-	-
Hexachlorocyclopentadiene	SW-846:8270C	ug/L	7	0	0	10.4	11.9857	20	7	100	-	-	0	0	0	0	50	MCL	2	-	-	-
Hexachloroethane	SW-846:8270	ug/L	1	0	0	10.3	10.3	10.3	1	100	-	-	0	0	0	0	48.02252	Reg6	1	-	-	-
Hexachloroethane	SW-846:8270C	ug/L	7	0	0	10.4	11.9857	20	7	100	-	-	0	0	0	0	48.02252	Reg6	2	-	-	-
Indeno(1,2,3-cd)pyrene	SW-846:8270	ug/L	1	0	0	1	1	1	1	100	-	-	1	0	0	0	0.2949853	Reg6	1	-	-	-
Indeno(1,2,3-cd)pyrene	SW-846:8270C	ug/L	7	0	0	1	1.19143	2	7	100	-	-	7	0	0	0	0.2949853	Reg6	2	-	-	-
Isophorone	SW-846:8270	ug/L	1	0	0	10.3	10.3	10.3	1	100	-	-	0	0	0	0	707.7004	Reg6	1	-	-	-
Isophorone	SW-846:8270C	ug/L	7	0	0	10.4	11.9857	20	7	100	-	-	0	0	0	0	707.7004	Reg6	2	-	-	-
Methylnaphthalene[1-]	SW-846:8270C	ug/L	7	0	0	1	1.19143	2	7	100	-	-	0	0	0	0	-	-	2	-	-	-
Methylnaphthalene[2-]	SW-846:8270	ug/L	1	0	0	1	1	1	1	100	-	-	0	0	0	0	-	-	1	-	-	-
Methylnaphthalene[2-]	SW-846:8270C	ug/L	7	0	0	1	1.19143	2	7	100	-	-	0	0	0	0	-	-	2	-	-	-
Methylphenol[2-]	SW-846:8270	ug/L	1	0	0	10.3	10.3	10.3	1	100	-	-	0	0	0	0	1825	Reg6	1	-	-	-
Methylphenol[2-]	SW-846:8270C	ug/L	7	0	0	10.4	11.9857	20	7	100	-	-	0	0	0	0	1825	Reg6	2	-	-	-
Methylphenol[3-,4-]	SW-846:8270C	ug/L	7	0	0	10.4	11.9857	20	7	100	-	-	0	0	0	0	-	-	2	-	-	-
Methylphenol[4-]	SW-846:8270	ug/L	1	0	0	10.3	10.3	10.3	1	100	-	-	0	0	0	0	182.5	Reg6	1	-	-	-
Methylpyridine[2-]	SW-846:8270	ug/L	1	0	0	10.3	10.3	10.3	1	100	-	-	0	0	0	0	-	-	1	-	-	-
Naphthalene	SW-846:8270	ug/L	1	0	0	1	1	1	1	100	-	-	0	0	0	0	30	NMGSU	1	-	-	-
Naphthalene	SW-846:8270C	ug/L	7	0	0	1	1.19143	2	7	100	-	-	0	0	0	0	30	NMGSU	2	-	-	-
Nitroaniline[2-]	SW-846:8270	ug/L	1	0	0	10.3	10.3	10.3	1	100	-	-	0	0	0	0	109.5	Reg6	1	-	-	-
Nitroaniline[2-]	SW-846:8270C	ug/L	7	0	0	10.4	11.9857	20	7	100	-	-	0	0	0	0	109.5	Reg6	2	-	-	-
Nitroaniline[3-]	SW-846:8270	ug/L	1	0	0	10.3	10.3	10.3	1	100	-	-	0	0	0	0	-	-	1	-	-	-
Nitroaniline[3-]	SW-846:8270C	ug/L	7	0	0	10.4	11.9857	20	7	100	-	-	0	0	0	0	-	-	2	-	-	-
Nitroaniline[4-]	SW-846:8270	ug/L	1	0	0	10.3	10.3	10.3	1	100	-	-	0	0	0	0	-	-	1	-	-	-
Nitroaniline[4-]	SW-846:8270C	ug/L	7	0	0	10.4	11.9857	20	7	100	-	-	0	0	0	0	-	-	2	-	-	-
Nitrobenzene	SW-846:8270	ug/L	1	0	0	10.3	10.3	10.3	1	100	-	-	1	0	0	0	3.395349	Reg6	1	-	-	-
Nitrobenzene	SW-846:8270C	ug/L	7	0	0	10.4	11.9857	20	7	100	-	-	7	0	0	0	3.395349	Reg6	2	-	-	-
Nitrophenol[2-]	SW-846:8270	ug/L	1	0	0	10.3	10.3	10.3	1	100	-	-	0	0	0	0	-	-	1	-	-	-
Nitrophenol[2-]	SW-846:8270C	ug/L	7	0	0	10.4	11.9857	20	7	100	-	-	0	0	0	0	-	-	2	-	-	-
Nitrophenol[4-]	SW-846:8270	ug/L	1	0	0	10.3	10.3	10.3	1	100	-	-	0	0	0	0	292	Reg6	1	-	-	-
Nitrophenol[4-]	SW-846:8270C	ug/L	7	0	0	10.4	11.9857	20	7	100	-	-	0	0	0	0	292	Reg6	2	-	-	-
Nitrosodiethylamine[N-]	SW-846:8270C	ug/L	7	0	0	10.4	11.9857	20	7	100	-	-	7	0	0	0	0.001435595	Reg6	2	-	-	-
Nitrosodimethylamine[N-]	SW-846:8270	ug/L	1	0	0	10.3	10.3	10.3	1	100	-	-	1	0	0	0	0.004222338	Reg6	1	-	-	-
Nitrosodimethylamine[N-]	SW-846:8270C	ug/L	7	0	0	10.4	11.9857	20	7	100	-	-	7	0	0	0	0.004222338	Reg6	2	-	-	-
Nitroso-di-n-butylamine[N-]	SW-846:8270C	ug/L	7	0	0	10.4	11.9857	20	7	100	-	-	7	0	0	0	0.1226854	Reg6	2	-	-	-
Nitroso-di-n-propylamine[N-]	SW-846:8270	ug/L	1	0	0	10.3	10.3	10.3	1	100	-	-	1	0	0	0	0.09604505	Reg6	1	-	-	-
Nitroso-di-n-propylamine[N-]	SW-846:8270C	ug/L	7	0	0	10.4	11.9857	20	7	100	-	-	7	0	0	0	0.09604505	Reg6	2	-	-	-
Nitrosopyrrolidine[N-]	SW-846:8270C	ug/L	7	0	0	10.4	11.9857	20	7	100	-	-	7	0	0	0	0.3201502	Reg6	2	-	-	-
Oxybis(1-chloropropane)[2,2'-]	SW-846:8270	ug/L	1	0	0	10.3	10.3	10.3	1	100	-	-	1	0	0	0	9.536393	Reg6	1	-	-	-
Oxybis(1-chloropropane)[2,2'-]	SW-846:8270C	ug/L	7	0	0	10.4	11.9857	20	7	100	-	-	7	0	0	0	9.536393	Reg6	2	-	-	-
Pentachlorobenzene	SW-846:8270C	ug/L	7	0	0	10.4	11.9857	20	7	100	-	-	0	0	0	0	29.2	Reg6	2	-	-	-
Pentachlorophenol	SW-846:8270	ug/L	1	0	0	10.3	10.3	10.3	1	100	-	-	1	0	0	0	1	MCL	1	-	-	-
Pentachlorophenol	SW-846:8270C	ug/L	7	0	0	5.01	11.1871	20	7	100	-	-	7	0	0	0	1	MCL	2	-	-	-
Phenanthrene	SW-846:8270	ug/L	1	0	0	1	1	1	1	100	-	-	0	0	0	0	-	-	1	-	-	-
Phenanthrene	SW-846:8270C	ug/L	7	0	0	1	1.19143	2	7	100	-	-	0	0	0	0	-	-	2	-	-	-
Phenol	SW-846:8270	ug/L	1	0	0	10.3	10.3	10.3	1	100	-	-	1	0	0	0	5	NMGSU	1	-	-	-
Phenol	SW-846:8270C	ug/L	7	0	0	10.4	11.9857	20	7	100	-	-	7	0	0	0	5	NMGSU	2	-	-	-
Pyrene	SW-846:8270	ug/L	1	0	0	1	1	1	1	100	-	-	0	0	0	0	182.5	Reg6	1	-	-	-
Pyrene	SW-846:8270C	ug/L	7	0	0	1	1.19143	2	7	100	-	-	0	0	0	0	182.5	Reg6	2	-	-	-

Table B-2
Screening Table for Sandia Watershed

Analyte	Method	Units	No. of Analyses	No. of Detects	D Rate %	Min	Mean	Max	No. of Non-detects	ND Rate %	BV	D> BV	ND> Std	D> Std	D> Std/2	D>Std/2 Rate %	Level	Std Type	Locations with Data (number)	D>Std (number of locations)	D>Std/2 (number of locations)	D>Std Stations
Pyridine	SW-846:8270	ug/L	1	0	0	*10.3*	*10.3*	*10.3*	1	100	-	-	0	0	0	0	36.5	Reg6	1	-	-	-
Pyridine	SW-846:8270C	ug/L	1	0	0	*10.4*	*10.4*	*10.4*	1	100	-	-	0	0	0	0	36.5	Reg6	1	-	-	-
Tetrachlorobenzene[1,2,4,5]	SW-846:8270C	ug/L	7	0	0	*10.4*	*11.9857*	*20*	7	100	-	-	7	0	0	0	0.00003	MCL	2	-	-	-
Tetrachlorophenol[2,3,4,6-]	SW-846:8270C	ug/L	7	0	0	*4.5*	*11.1143*	*20*	7	100	-	-	6	0	0	0	5	MCL	2	-	-	-
Trichlorobenzene[1,2,4-]	SW-846:8270	ug/L	1	0	0	*10.3*	*10.3*	*10.3*	1	100	-	-	0	0	0	0	70	MCL	1	-	-	-
Trichlorobenzene[1,2,4-]	SW-846:8270C	ug/L	7	0	0	*10.4*	*11.9857*	*20*	7	100	-	-	0	0	0	0	70	MCL	2	-	-	-
Trichlorophenol[2,4,5-]	SW-846:8270	ug/L	1	0	0	*10.3*	*10.3*	*10.3*	1	100	-	-	0	0	0	0	3650	Reg6	1	-	-	-
Trichlorophenol[2,4,5-]	SW-846:8270C	ug/L	7	0	0	*10.4*	*11.9857*	*20*	7	100	-	-	0	0	0	0	3650	Reg6	2	-	-	-
Trichlorophenol[2,4,6-]	SW-846:8270	ug/L	1	0	0	*10.3*	*10.3*	*10.3*	1	100	-	-	0	0	0	0	61.11958	Reg6	1	-	-	-
Trichlorophenol[2,4,6-]	SW-846:8270C	ug/L	7	0	0	*10.4*	*11.9857*	*20*	7	100	-	-	0	0	0	0	61.11958	Reg6	2	-	-	-
Sandia, SVOA, UF, Regional																						
Acenaphthene	SW-846:8270	ug/L	1	0	0	*1*	*1*	*1*	1	100	-	-	0	0	0	0	365	Reg6	1	-	-	-
Acenaphthene	SW-846:8270C	ug/L	36	0	0	*1*	*1.05333*	*1.18*	36	100	-	-	0	0	0	0	365	Reg6	6	-	-	-
Acenaphthylene	SW-846:8270	ug/L	1	0	0	*1*	*1*	*1*	1	100	-	-	0	0	0	0	-	-	1	-	-	-
Acenaphthylene	SW-846:8270C	ug/L	37	0	0	*1*	*1.05432*	*1.18*	37	100	-	-	0	0	0	0	-	-	6	-	-	-
Aniline	SW-846:8270	ug/L	1	0	0	*10.2*	*10.2*	*10.2*	1	100	-	-	0	0	0	0	117.9501	Reg6	1	-	-	-
Aniline	SW-846:8270C	ug/L	37	0	0	*10*	*10.5784*	*11.8*	37	100	-	-	0	0	0	0	117.9501	Reg6	6	-	-	-
Anthracene	SW-846:8270	ug/L	1	0	0	*1*	*1*	*1*	1	100	-	-	0	0	0	0	1825	Reg6	1	-	-	-
Anthracene	SW-846:8270C	ug/L	34	0	0	*1*	*1.05118*	*1.18*	34	100	-	-	0	0	0	0	1825	Reg6	6	-	-	-
Atrazine	SW-846:8270C	ug/L	32	0	0	*10*	*10.5719*	*11.8*	32	100	-	-	32	0	0	0	3	MCL	6	-	-	-
Azobenzene	SW-846:8270	ug/L	1	0	0	*10.2*	*10.2*	*10.2*	1	100	-	-	1	0	0	0	6.111958	Reg6	1	-	-	-
Azobenzene	SW-846:8270C	ug/L	37	0	0	*10*	*10.5784*	*11.8*	37	100	-	-	37	0	0	0	6.111958	Reg6	6	-	-	-
Benzidine	SW-846:8270	ug/L	1	0	0	*51*	*51*	*51*	1	100	-	-	1	0	0	0	0.000936258	Reg6	1	-	-	-
Benzidine	SW-846:8270C	ug/L	25	0	0	*10*	*25.452*	*53.8*	25	100	-	-	25	0	0	0	0.000936258	Reg6	6	-	-	-
Benzo(a)anthracene	SW-846:8270	ug/L	1	0	0	*1*	*1*	*1*	1	100	-	-	1	0	0	0	0.2949853	Reg6	1	-	-	-
Benzo(a)anthracene	SW-846:8270C	ug/L	37	0	0	*1*	*1.05432*	*1.18*	37	100	-	-	37	0	0	0	0.2949853	Reg6	6	-	-	-
Benzo(a)pyrene	SW-846:8270	ug/L	1	0	0	*1*	*1*	*1*	1	100	-	-	1	0	0	0	0.2	MCL	1	-	-	-
Benzo(a)pyrene	SW-846:8270C	ug/L	32	0	0	*1*	*1.05688*	*1.18*	32	100	-	-	32	0	0	0	0.2	MCL	6	-	-	-
Benzo(b)fluoranthene	SW-846:8270	ug/L	1	0	0	*1*	*1*	*1*	1	100	-	-	1	0	0	0	0.2949853	Reg6	1	-	-	-
Benzo(b)fluoranthene	SW-846:8270C	ug/L	37	0	0	*1*	*1.05432*	*1.18*	37	100	-	-	37	0	0	0	0.2949853	Reg6	6	-	-	-
Benzo(g,h,i)perylene	SW-846:8270	ug/L	1	0	0	*1*	*1*	*1*	1	100	-	-	0	0	0	0	-	-	1	-	-	-
Benzo(g,h,i)perylene	SW-846:8270C	ug/L	33	0	0	*1*	*1.05636*	*1.18*	33	100	-	-	0	0	0	0	-	-	6	-	-	-
Benzo(k)fluoranthene	SW-846:8270	ug/L	1	0	0	*1*	*1*	*1*	1	100	-	-	0	0	0	0	2.949853	Reg6	1	-	-	-
Benzo(k)fluoranthene	SW-846:8270C	ug/L	37	0	0	*1*	*1.05432*	*1.18*	37	100	-	-	0	0	0	0	2.949853	Reg6	6	-	-	-
Benzoic Acid	SW-846:8270	ug/L	1	0	0	*20.4*	*20.4*	*20.4*	1	100	-	-	0	0	0	0	146000	Reg6	1	-	-	-
Benzoic Acid	SW-846:8270C	ug/L	34	2	6	14.3	15.25	16.2	32	94	-	-	0	0	0	0	146000	Reg6	6	-	-	-
Benzyl Alcohol	SW-846:8270	ug/L	1	0	0	*10.2*	*10.2*	*10.2*	1	100	-	-	0	0	0	0	10950	Reg6	1	-	-	-
Benzyl Alcohol	SW-846:8270C	ug/L	37	0	0	*10*	*10.5784*	*11.8*	37	100	-	-	0	0	0	0	10950	Reg6	6	-	-	-
Bis(2-chloroethoxy)methane	SW-846:8270	ug/L	1	0	0	*10.2*	*10.2*	*10.2*	1	100	-	-	0	0	0	0	-	-	1	-	-	-
Bis(2-chloroethoxy)methane	SW-846:8270C	ug/L	36	0	0	*10*	*10.5944*	*11.8*	36	100	-	-	0	0	0	0	-	-	6	-	-	-
Bis(2-chloroethyl)ether	SW-846:8270	ug/L	1	0	0	*10.2*	*10.2*	*10.2*	1	100	-	-	1	0	0	0	0.602164	Reg6	1	-	-	-
Bis(2-chloroethyl)ether	SW-846:8270C	ug/L	37	0	0	*10*	*10.5784*	*11.8*	37	100	-	-	37	0	0	0	0.602164	Reg6	6	-	-	-
Bis(2-ethylhexyl)phthalate	SW-846:8270	ug/L	1	0	0	*10.2*	*10.2*	*10.2*	1	100	-	-	1	0	0	0	6	MCL	1	-	-	-
Bis(2-ethylhexyl)phthalate	SW-846:8270C	ug/L	37	3	8	2.28	2.65333	2.85	34	92	-	-	32	0	0	0	6	MCL	6	-	-	-
Bromophenyl-phenylether[4-]	SW-846:8270	ug/L	1	0	0	*10.2*	*10.2*	*10.2*	1	100	-	-	0	0	0	0	-	-	1	-	-	-
Bromophenyl-phenylether[4-]	SW-846:8270C	ug/L	37	0	0	*10*	*10.5784*	*11.8*	37	100	-	-	0	0	0	0	-	-	6	-	-	-
Butylbenzylphthalate	SW-846:8270	ug/L	1	0	0	*10.2*	*10.2*	*10.2*	1	100	-	-	0	0	0	0	7300	Reg6	1	-	-	-
Butylbenzylphthalate	SW-846:8270C	ug/L	37	0	0	*10*	*10.5784*	*11.8*	37	100	-	-	0	0	0	0	7300	Reg6	6	-	-	-
Chloro-3-methylphenol[4-]	SW-846:8270	ug/L	1	0	0	*10.2*	*10.2*	*10.2*	1	100	-	-	0	0	0	0	-	-	1	-	-	-
Chloro-3-methylphenol[4-]	SW-846:8270C	ug/L	37	0	0	*10*	*10.5784*	*11.8*	37	100	-	-	0	0	0	0	-	-	6	-	-	-
Chloroaniline[4-]	SW-846:8270	ug/L	1	0	0	*10.2*	*10.2*	*10.2*	1	100	-	-	0	0	0	0	146	Reg6	1	-	-	-
Chloroaniline[4-]	SW-846:8270C	ug/L	37	0	0	*10*	*10.5784*	*11.8*	37	100	-	-	0	0	0	0	146	Reg6	6	-	-	-
Chloronaphthalene[2-]	SW-846:8270	ug/L	1	0	0	*1*	*1*	*1*	1	100	-	-	0	0	0	0	486.6667	Reg6	1	-	-	-
Chloronaphthalene[2-]	SW-846:8270C	ug/L	36	0	0	*1*	*1.05333*	*1.18*	36	100	-	-	0	0	0	0	486.6667	Reg6	6	-	-	-
Chlorophenol[2-]	SW-846:8270	ug/L	1	0	0	*10.2*	*10.2*	*10.2*	1	100	-	-	0	0	0	0	30.41667	Reg6	1	-	-	-

Table B-2
Screening Table for Sandia Watershed

Analyte	Method	Units	No. of Analyses	No. of Detects	D Rate %	Min	Mean	Max	No. of Non-detects	ND Rate %	BV	D> BV	ND> Std	D> Std	D> Std/2	D>Std/2 Rate %	Level	Std Type	Locations with Data (number)	D>Std (number of locations)	D>Std/2 (number of locations)	D>Std Stations
Chlorophenol[2-]	SW-846:8270C	ug/L	37	0	0	*10*	*10.5784*	*11.8*	37	100	-	-	0	0	0	0	30.41667	Reg6	6	-	-	-
Chlorophenyl-phenyl[4-] Ether	SW-846:8270	ug/L	1	0	0	*10.2*	*10.2*	*10.2*	1	100	-	-	0	0	0	0	-	-	1	-	-	-
Chlorophenyl-phenyl[4-] Ether	SW-846:8270C	ug/L	37	0	0	*10*	*10.5784*	*11.8*	37	100	-	-	0	0	0	0	-	-	6	-	-	-
Chrysene	SW-846:8270	ug/L	1	0	0	*1*	*1*	*1*	1	100	-	-	1	0	0	0	0.2	MCL	1	-	-	-
Chrysene	SW-846:8270C	ug/L	37	0	0	*1*	*1.05432*	*1.18*	37	100	-	-	37	0	0	0	0.2	MCL	6	-	-	-
Dibenz(a,h)anthracene	SW-846:8270	ug/L	1	0	0	*1*	*1*	*1*	1	100	-	-	1	0	0	0	0.02949853	Reg6	1	-	-	-
Dibenz(a,h)anthracene	SW-846:8270C	ug/L	37	0	0	*1*	*1.05432*	*1.18*	37	100	-	-	37	0	0	0	0.02949853	Reg6	6	-	-	-
Dibenzofuran	SW-846:8270	ug/L	1	0	0	*10.2*	*10.2*	*10.2*	1	100	-	-	0	0	0	0	12.16667	Reg6	1	-	-	-
Dibenzofuran	SW-846:8270C	ug/L	35	0	0	*10*	*10.56*	*11.8*	35	100	-	-	0	0	0	0	12.16667	Reg6	6	-	-	-
Dichlorobenzene[1,2-]	SW-846:8270	ug/L	1	0	0	*10.2*	*10.2*	*10.2*	1	100	-	-	0	0	0	0	600	MCL	1	-	-	-
Dichlorobenzene[1,2-]	SW-846:8270C	ug/L	37	0	0	*10*	*10.5784*	*11.8*	37	100	-	-	0	0	0	0	600	MCL	6	-	-	-
Dichlorobenzene[1,3-]	SW-846:8270	ug/L	1	0	0	*10.2*	*10.2*	*10.2*	1	100	-	-	0	0	0	0	600	MCL	1	-	-	-
Dichlorobenzene[1,3-]	SW-846:8270C	ug/L	37	0	0	*10*	*10.5784*	*11.8*	37	100	-	-	0	0	0	0	600	MCL	6	-	-	-
Dichlorobenzene[1,4-]	SW-846:8270	ug/L	1	0	0	*10.2*	*10.2*	*10.2*	1	100	-	-	0	0	0	0	75	MCL	1	-	-	-
Dichlorobenzene[1,4-]	SW-846:8270C	ug/L	37	0	0	*10*	*10.5784*	*11.8*	37	100	-	-	0	0	0	0	75	MCL	6	-	-	-
Dichlorobenzidine[3,3'-]	SW-846:8270	ug/L	1	0	0	*10.2*	*10.2*	*10.2*	1	100	-	-	1	0	0	0	1.494034	Reg6	1	-	-	-
Dichlorobenzidine[3,3'-]	SW-846:8270C	ug/L	34	0	0	*10*	*10.55*	*11.8*	34	100	-	-	34	0	0	0	1.494034	Reg6	6	-	-	-
Dichlorophenol[2,4-]	SW-846:8270	ug/L	1	0	0	*10.2*	*10.2*	*10.2*	1	100	-	-	0	0	0	0	109.5	Reg6	1	-	-	-
Dichlorophenol[2,4-]	SW-846:8270C	ug/L	35	0	0	*10*	*10.5914*	*11.8*	35	100	-	-	0	0	0	0	109.5	Reg6	6	-	-	-
Diethylphthalate	SW-846:8270	ug/L	1	0	0	*10.2*	*10.2*	*10.2*	1	100	-	-	0	0	0	0	29200	Reg6	1	-	-	-
Diethylphthalate	SW-846:8270C	ug/L	37	0	0	*10*	*10.5784*	*11.8*	37	100	-	-	0	0	0	0	29200	Reg6	6	-	-	-
Dimethyl Phthalate	SW-846:8270	ug/L	1	0	0	*10.2*	*10.2*	*10.2*	1	100	-	-	0	0	0	0	365000	Reg6	1	-	-	-
Dimethyl Phthalate	SW-846:8270C	ug/L	37	0	0	*10*	*10.5784*	*11.8*	37	100	-	-	0	0	0	0	365000	Reg6	6	-	-	-
Dimethylphenol[2,4-]	SW-846:8270	ug/L	1	0	0	*10.2*	*10.2*	*10.2*	1	100	-	-	0	0	0	0	730	Reg6	1	-	-	-
Dimethylphenol[2,4-]	SW-846:8270C	ug/L	36	0	0	*10*	*10.5694*	*11.8*	36	100	-	-	0	0	0	0	730	Reg6	6	-	-	-
Di-n-butylphthalate	SW-846:8270	ug/L	1	0	0	*10.2*	*10.2*	*10.2*	1	100	-	-	0	0	0	0	3650	Reg6	1	-	-	-
Di-n-butylphthalate	SW-846:8270C	ug/L	36	0	0	*10*	*10.5694*	*11.8*	36	100	-	-	0	0	0	0	3650	Reg6	6	-	-	-
Dinitro-2-methylphenol[4,6-]	SW-846:8270	ug/L	1	0	0	*10.2*	*10.2*	*10.2*	1	100	-	-	0	0	0	0	-	-	1	-	-	-
Dinitro-2-methylphenol[4,6-]	SW-846:8270C	ug/L	37	0	0	*10*	*10.5784*	*11.8*	37	100	-	-	0	0	0	0	-	-	6	-	-	-
Dinitrophenol[2,4-]	SW-846:8270	ug/L	1	0	0	*20.4*	*20.4*	*20.4*	1	100	-	-	0	0	0	0	73	Reg6	1	-	-	-
Dinitrophenol[2,4-]	SW-846:8270C	ug/L	35	0	0	*20*	*21.1743*	*23.5*	35	100	-	-	0	0	0	0	73	Reg6	6	-	-	-
Dinitrotoluene[2,4-]	SW-846:8270	ug/L	1	0	0	*10.2*	*10.2*	*10.2*	1	100	-	-	0	0	0	0	73	Reg6	1	-	-	-
Dinitrotoluene[2,4-]	SW-846:8270C	ug/L	37	0	0	*10*	*10.5784*	*11.8*	37	100	-	-	0	0	0	0	73	Reg6	6	-	-	-
Dinitrotoluene[2,6-]	SW-846:8270	ug/L	1	0	0	*10.2*	*10.2*	*10.2*	1	100	-	-	0	0	0	0	36.5	Reg6	1	-	-	-
Dinitrotoluene[2,6-]	SW-846:8270C	ug/L	37	0	0	*10*	*10.5784*	*11.8*	37	100	-	-	0	0	0	0	36.5	Reg6	6	-	-	-
Di-n-octylphthalate	SW-846:8270	ug/L	1	0	0	*10.2*	*10.2*	*10.2*	1	100	-	-	0	0	0	0	-	-	1	-	-	-
Di-n-octylphthalate	SW-846:8270C	ug/L	37	0	0	*10*	*10.5784*	*11.8*	37	100	-	-	0	0	0	0	-	-	6	-	-	-
Dinoseb	SW-846:8270C	ug/L	32	0	0	*10*	*10.5719*	*11.8*	32	100	-	-	0	0	0	0	-	-	6	-	-	-
Dioxane[1,4-]	SW-846:8270C	ug/L	27	0	0	*10*	*10.5963*	*11.8*	27	100	-	-	0	0	0	0	61.11958	Reg6	5	-	-	-
Diphenylamine	SW-846:8270	ug/L	1	0	0	*10.2*	*10.2*	*10.2*	1	100	-	-	0	0	0	0	912.5	Reg6	1	-	-	-
Diphenylamine	SW-846:8270C	ug/L	37	0	0	*10*	*10.5784*	*11.8*	37	100	-	-	0	0	0	0	912.5	Reg6	6	-	-	-
Fluoranthene	SW-846:8270	ug/L	1	0	0	*1*	*1*	*1*	1	100	-	-	0	0	0	0	1460	Reg6	1	-	-	-
Fluoranthene	SW-846:8270C	ug/L	36	0	0	*1*	*1.05333*	*1.18*	36	100	-	-	0	0	0	0	1460	Reg6	6	-	-	-
Fluorene	SW-846:8270	ug/L	1	0	0	*1*	*1*	*1*	1	100	-	-	0	0	0	0	243.3333	Reg6	1	-	-	-
Fluorene	SW-846:8270C	ug/L	34	0	0	*1*	*1.05118*	*1.18*	34	100	-	-	0	0	0	0	243.3333	Reg6	6	-	-	-
Hexachlorobenzene	SW-846:8270	ug/L	1	0	0	*10.2*	*10.2*	*10.2*	1	100	-	-	1	0	0	0	1	MCL	1	-	-	-
Hexachlorobenzene	SW-846:8270C	ug/L	37	0	0	*10*	*10.5784*	*11.8*	37	100	-	-	37	0	0	0	1	MCL	6	-	-	-
Hexachlorobutadiene	SW-846:8270	ug/L	1	0	0	*10.2*	*10.2*	*10.2*	1	100	-	-	1	0	0	0	8.619427	Reg6	1	-	-	-
Hexachlorobutadiene	SW-846:8270C	ug/L	37	0	0	*10*	*10.5784*	*11.8*	37	100	-	-	37	0	0	0	8.619427	Reg6	6	-	-	-
Hexachlorocyclopentadiene	SW-846:8270	ug/L	1	0	0	*10.2*	*10.2*	*10.2*	1	100	-	-	0	0	0	0	50	MCL	1	-	-	-
Hexachlorocyclopentadiene	SW-846:8270C	ug/L	37	0	0	*10*	*10.5784*	*11.8*	37	100	-	-	0	0	0	0	50	MCL	6	-	-	-
Hexachloroethane	SW-846:8270	ug/L	1	0	0	*10.2*	*10.2*	*10.2*	1	100	-	-	0	0	0	0	48.02252	Reg6	1	-	-	-
Hexachloroethane	SW-846:8270C	ug/L	37	0	0	*10*	*10.5784*	*11.8*	37	100	-	-	0	0	0	0	48.02252	Reg6	6	-	-	-
Indeno(1,2,3-cd)pyrene	SW-846:8270	ug/L	1	0	0	*1*	*1*	*1*	1	100	-	-	1	0	0	0	0.2949853	Reg6	1	-	-	-
Indeno(1,2,3-cd)pyrene	SW-846:8270C	ug/L	37	0	0	*1*	*1.05432*	*1.18*	37	100	-	-	37	0	0	0	0.2949853	Reg6	6	-	-	-

Table B-2
Screening Table for Sandia Watershed

Analyte	Method	Units	No. of Analyses	No. of Detects	D Rate %	Min	Mean	Max	No. of Non-detects	ND Rate %	BV	D> BV	ND> Std	D> Std	D> Std/2	D>Std/2 Rate %	Level	Std Type	Locations with Data (number)	D>Std (number of locations)	D>Std/2 (number of locations)	D>Std Stations
Isophorone	SW-846:8270	ug/L	1	0	0	10.2	10.2	10.2	1	100	-	-	0	0	0	0	707.7004	Reg6	1	-	-	-
Isophorone	SW-846:8270C	ug/L	37	0	0	10	10.5784	11.8	37	100	-	-	0	0	0	0	707.7004	Reg6	6	-	-	-
Methylnaphthalene[1-]	SW-846:8270C	ug/L	31	0	0	1	1.05742	1.18	31	100	-	-	0	0	0	0	-	-	6	-	-	-
Methylnaphthalene[2-]	SW-846:8270	ug/L	1	0	0	1	1	1	1	100	-	-	0	0	0	0	-	-	1	-	-	-
Methylnaphthalene[2-]	SW-846:8270C	ug/L	36	0	0	1	1.05333	1.18	36	100	-	-	0	0	0	0	-	-	6	-	-	-
Methylphenol[2-]	SW-846:8270	ug/L	1	0	0	10.2	10.2	10.2	1	100	-	-	0	0	0	0	1825	Reg6	1	-	-	-
Methylphenol[2-]	SW-846:8270C	ug/L	37	0	0	10	10.5784	11.8	37	100	-	-	0	0	0	0	1825	Reg6	6	-	-	-
Methylphenol[3-,4-]	SW-846:8270C	ug/L	37	0	0	10	10.5784	11.8	37	100	-	-	0	0	0	0	-	-	6	-	-	-
Methylphenol[4-]	SW-846:8270	ug/L	1	0	0	10.2	10.2	10.2	1	100	-	-	0	0	0	0	182.5	Reg6	1	-	-	-
Methylpyridine[2-]	SW-846:8270	ug/L	1	0	0	10.2	10.2	10.2	1	100	-	-	0	0	0	0	-	-	1	-	-	-
Naphthalene	SW-846:8270	ug/L	1	0	0	1	1	1	1	100	-	-	0	0	0	0	30	NMGSU	1	-	-	-
Naphthalene	SW-846:8270C	ug/L	37	0	0	1	1.05432	1.18	37	100	-	-	0	0	0	0	30	NMGSU	6	-	-	-
Nitroaniline[2-]	SW-846:8270	ug/L	1	0	0	10.2	10.2	10.2	1	100	-	-	0	0	0	0	109.5	Reg6	1	-	-	-
Nitroaniline[2-]	SW-846:8270C	ug/L	37	0	0	10	10.5784	11.8	37	100	-	-	0	0	0	0	109.5	Reg6	6	-	-	-
Nitroaniline[3-]	SW-846:8270	ug/L	1	0	0	10.2	10.2	10.2	1	100	-	-	0	0	0	0	-	-	1	-	-	-
Nitroaniline[3-]	SW-846:8270C	ug/L	37	0	0	10	10.5784	11.8	37	100	-	-	0	0	0	0	-	-	6	-	-	-
Nitroaniline[4-]	SW-846:8270	ug/L	1	0	0	10.2	10.2	10.2	1	100	-	-	0	0	0	0	-	-	1	-	-	-
Nitroaniline[4-]	SW-846:8270C	ug/L	37	0	0	10	10.5784	11.8	37	100	-	-	0	0	0	0	-	-	6	-	-	-
Nitrobenzene	SW-846:8270	ug/L	1	0	0	10.2	10.2	10.2	1	100	-	-	1	0	0	0	3.395349	Reg6	1	-	-	-
Nitrobenzene	SW-846:8270C	ug/L	37	0	0	10	10.5784	11.8	37	100	-	-	37	0	0	0	3.395349	Reg6	6	-	-	-
Nitrophenol[2-]	SW-846:8270	ug/L	1	0	0	10.2	10.2	10.2	1	100	-	-	0	0	0	0	-	-	1	-	-	-
Nitrophenol[2-]	SW-846:8270C	ug/L	35	0	0	10	10.5914	11.8	35	100	-	-	0	0	0	0	-	-	6	-	-	-
Nitrophenol[4-]	SW-846:8270	ug/L	1	0	0	10.2	10.2	10.2	1	100	-	-	0	0	0	0	292	Reg6	1	-	-	-
Nitrophenol[4-]	SW-846:8270C	ug/L	37	0	0	10	10.5784	11.8	37	100	-	-	0	0	0	0	292	Reg6	6	-	-	-
Nitrosodiethylamine[N-]	SW-846:8270C	ug/L	32	0	0	10	10.5719	11.8	32	100	-	-	32	0	0	0	0.001435595	Reg6	6	-	-	-
Nitrosodimethylamine[N-]	SW-846:8270	ug/L	1	0	0	10.2	10.2	10.2	1	100	-	-	1	0	0	0	0.004222338	Reg6	1	-	-	-
Nitrosodimethylamine[N-]	SW-846:8270C	ug/L	37	0	0	10	10.5784	11.8	37	100	-	-	37	0	0	0	0.004222338	Reg6	6	-	-	-
Nitroso-di-n-butylamine[N-]	SW-846:8270C	ug/L	29	0	0	10	10.5379	11.8	29	100	-	-	29	0	0	0	0.1226854	Reg6	6	-	-	-
Nitroso-di-n-propylamine[N-]	SW-846:8270	ug/L	1	0	0	10.2	10.2	10.2	1	100	-	-	1	0	0	0	0.09604505	Reg6	1	-	-	-
Nitroso-di-n-propylamine[N-]	SW-846:8270C	ug/L	37	0	0	10	10.5784	11.8	37	100	-	-	37	0	0	0	0.09604505	Reg6	6	-	-	-
Nitrosopyrrolidine[N-]	SW-846:8270C	ug/L	32	0	0	10	10.5719	11.8	32	100	-	-	32	0	0	0	0.3201502	Reg6	6	-	-	-
Oxybis(1-chloropropane)[2,2'-]	SW-846:8270	ug/L	1	0	0	10.2	10.2	10.2	1	100	-	-	1	0	0	0	9.536393	Reg6	1	-	-	-
Oxybis(1-chloropropane)[2,2'-]	SW-846:8270C	ug/L	37	0	0	10	10.5784	11.8	37	100	-	-	37	0	0	0	9.536393	Reg6	6	-	-	-
Pentachlorobenzene	SW-846:8270C	ug/L	31	0	0	10	10.5613	11.8	31	100	-	-	0	0	0	0	29.2	Reg6	6	-	-	-
Pentachlorophenol	SW-846:8270	ug/L	1	0	0	10.2	10.2	10.2	1	100	-	-	1	0	0	0	1	MCL	1	-	-	-
Pentachlorophenol	SW-846:8270C	ug/L	37	0	0	10	10.5784	11.8	37	100	-	-	37	0	0	0	1	MCL	6	-	-	-
Phenanthrene	SW-846:8270	ug/L	1	0	0	1	1	1	1	100	-	-	0	0	0	0	-	-	1	-	-	-
Phenanthrene	SW-846:8270C	ug/L	34	1	3	0.237	0.237	0.237	33	97	-	-	0	0	0	0	-	-	6	-	-	-
Phenol	SW-846:8270	ug/L	1	0	0	10.2	10.2	10.2	1	100	-	-	1	0	0	0	5	NMGSU	1	-	-	-
Phenol	SW-846:8270C	ug/L	37	0	0	10	10.5784	11.8	37	100	-	-	37	0	0	0	5	NMGSU	6	-	-	-
Pyrene	SW-846:8270	ug/L	1	0	0	1	1	1	1	100	-	-	0	0	0	0	182.5	Reg6	1	-	-	-
Pyrene	SW-846:8270C	ug/L	37	0	0	1	1.05432	1.18	37	100	-	-	0	0	0	0	182.5	Reg6	6	-	-	-
Pyridine	SW-846:8270	ug/L	1	0	0	10.2	10.2	10.2	1	100	-	-	0	0	0	0	36.5	Reg6	1	-	-	-
Pyridine	SW-846:8270C	ug/L	11	0	0	10	10.6909	11.8	11	100	-	-	0	0	0	0	36.5	Reg6	5	-	-	-
Tetrachlorobenzene[1,2,4,5]	SW-846:8270C	ug/L	32	0	0	10	10.5719	11.8	32	100	-	-	32	0	0	0	0.00003	MCL	6	-	-	-
Tetrachlorophenol[2,3,4,6-]	SW-846:8270C	ug/L	32	0	0	10	10.5719	11.8	32	100	-	-	32	0	0	0	5	MCL	6	-	-	-
Trichlorobenzene[1,2,4-]	SW-846:8270	ug/L	1	0	0	10.2	10.2	10.2	1	100	-	-	0	0	0	0	70	MCL	1	-	-	-
Trichlorobenzene[1,2,4-]	SW-846:8270C	ug/L	37	0	0	10	10.5784	11.8	37	100	-	-	0	0	0	0	70	MCL	6	-	-	-
Trichlorophenol[2,4,5-]	SW-846:8270	ug/L	1	0	0	10.2	10.2	10.2	1	100	-	-	0	0	0	0	3650	Reg6	1	-	-	-
Trichlorophenol[2,4,5-]	SW-846:8270C	ug/L	35	0	0	10	10.5914	11.8	35	100	-	-	0	0	0	0	3650	Reg6	6	-	-	-
Trichlorophenol[2,4,6-]	SW-846:8270	ug/L	1	0	0	10.2	10.2	10.2	1	100	-	-	0	0	0	0	61.11958	Reg6	1	-	-	-
Trichlorophenol[2,4,6-]	SW-846:8270C	ug/L	36	0	0	10	10.5889	11.8	36	100	-	-	0	0	0	0	61.11958	Reg6	6	-	-	-
Sandia, VOA, UF, Ephemeral																						
Acetone	SW-846:8260B	ug/L	14	6	43	1.42	4.35833	6.62	8	57	-	-	0	0	0	0	-	-	2	-	-	-
Acetonitrile	SW-846:8260B	ug/L	14	0	0	25	25	25	14	100	-	-	0	0	0	0	-	-	2	-	-	-

Table B-2
Screening Table for Sandia Watershed

Analyte	Method	Units	No. of Analyses	No. of Detects	D Rate %	Min	Mean	Max	No. of Non-detects	ND Rate %	BV	D> BV	ND> Std	D> Std	D> Std/2	D>Std/2 Rate %	Level	Std Type	Locations with Data (number)	D>Std (number of locations)	D>Std/2 (number of locations)	D>Std Stations
Acrolein	SW-846:8260B	ug/L	14	0	0	5	5	5	14	100	-	-	0	0	0	0	-	-	2	-	-	-
Acrylonitrile	SW-846:8260B	ug/L	14	0	0	5	5	5	14	100	-	-	0	0	0	0	-	-	2	-	-	-
Benzene	SW-846:8260B	ug/L	14	0	0	1	1	1	14	100	-	-	0	0	0	0	-	-	2	-	-	-
Bromobenzene	SW-846:8260B	ug/L	14	0	0	1	1	1	14	100	-	-	0	0	0	0	-	-	2	-	-	-
Bromochloromethane	SW-846:8260B	ug/L	14	0	0	1	1	1	14	100	-	-	0	0	0	0	-	-	2	-	-	-
Bromodichloromethane	SW-846:8260B	ug/L	14	0	0	1	1	1	14	100	-	-	0	0	0	0	-	-	2	-	-	-
Bromoform	SW-846:8260B	ug/L	14	2	14	1.87	1.905	1.94	12	86	-	-	0	0	0	0	-	-	2	-	-	-
Bromomethane	SW-846:8260B	ug/L	14	0	0	1	1	1	14	100	-	-	0	0	0	0	-	-	2	-	-	-
Butanol[1-]	SW-846:8260B	ug/L	3	0	0	50	50	50	3	100	-	-	0	0	0	0	-	-	2	-	-	-
Butanone[2-]	SW-846:8260B	ug/L	14	0	0	5	5	5	14	100	-	-	0	0	0	0	-	-	2	-	-	-
Butylbenzene[n-]	SW-846:8260B	ug/L	14	0	0	1	1	1	14	100	-	-	0	0	0	0	-	-	2	-	-	-
Butylbenzene[sec-]	SW-846:8260B	ug/L	14	0	0	1	1	1	14	100	-	-	0	0	0	0	-	-	2	-	-	-
Butylbenzene[tert-]	SW-846:8260B	ug/L	14	0	0	1	1	1	14	100	-	-	0	0	0	0	-	-	2	-	-	-
Carbon Disulfide	SW-846:8260B	ug/L	14	0	0	5	5	5	14	100	-	-	0	0	0	0	-	-	2	-	-	-
Carbon Tetrachloride	SW-846:8260B	ug/L	14	0	0	1	1	1	14	100	-	-	0	0	0	0	-	-	2	-	-	-
Chloro-1,3-butadiene[2-]	SW-846:8260B	ug/L	14	0	0	1	1	1	14	100	-	-	0	0	0	0	-	-	2	-	-	-
Chloro-1-propene[3-]	SW-846:8260B	ug/L	11	0	0	5	5	5	11	100	-	-	0	0	0	0	-	-	2	-	-	-
Chlorobenzene	SW-846:8260B	ug/L	14	0	0	1	1	1	14	100	-	-	0	0	0	0	-	-	2	-	-	-
Chlorodibromomethane	SW-846:8260B	ug/L	14	0	0	1	1	1	14	100	-	-	0	0	0	0	-	-	2	-	-	-
Chloroethane	SW-846:8260B	ug/L	14	0	0	1	1	1	14	100	-	-	0	0	0	0	-	-	2	-	-	-
Chloroform	SW-846:8260B	ug/L	14	0	0	1	1	1	14	100	-	-	0	0	0	0	-	-	2	-	-	-
Chloromethane	SW-846:8260B	ug/L	14	0	0	1	1	1	14	100	-	-	0	0	0	0	-	-	2	-	-	-
Chlorotoluene[2-]	SW-846:8260B	ug/L	13	0	0	1	1	1	13	100	-	-	0	0	0	0	-	-	2	-	-	-
Chlorotoluene[4-]	SW-846:8260B	ug/L	14	0	0	1	1	1	14	100	-	-	0	0	0	0	-	-	2	-	-	-
Dibromo-3-Chloropropane[1,2-]	SW-846:8260B	ug/L	14	0	0	1	1	1	14	100	-	-	0	0	0	0	-	-	2	-	-	-
Dibromoethane[1,2-]	SW-846:8260B	ug/L	14	0	0	1	1	1	14	100	-	-	0	0	0	0	-	-	2	-	-	-
Dibromomethane	SW-846:8260B	ug/L	14	0	0	1	1	1	14	100	-	-	0	0	0	0	-	-	2	-	-	-
Dichlorobenzene[1,2-]	SW-846:8260B	ug/L	13	0	0	1	1	1	13	100	-	-	0	0	0	0	-	-	2	-	-	-
Dichlorobenzene[1,3-]	SW-846:8260B	ug/L	13	0	0	1	1	1	13	100	-	-	0	0	0	0	-	-	2	-	-	-
Dichlorobenzene[1,4-]	SW-846:8260B	ug/L	13	0	0	1	1	1	13	100	-	-	0	0	0	0	-	-	2	-	-	-
Dichlorodifluoromethane	SW-846:8260B	ug/L	14	0	0	1	1	1	14	100	-	-	0	0	0	0	-	-	2	-	-	-
Dichloroethane[1,1-]	SW-846:8260B	ug/L	14	0	0	1	1	1	14	100	-	-	0	0	0	0	-	-	2	-	-	-
Dichloroethane[1,2-]	SW-846:8260B	ug/L	14	0	0	1	1	1	14	100	-	-	0	0	0	0	-	-	2	-	-	-
Dichloroethene[1,1-]	SW-846:8260B	ug/L	14	0	0	1	1	1	14	100	-	-	0	0	0	0	-	-	2	-	-	-
Dichloroethene[cis-1,2-]	SW-846:8260B	ug/L	14	0	0	1	1	1	14	100	-	-	0	0	0	0	-	-	2	-	-	-
Dichloroethene[trans-1,2-]	SW-846:8260B	ug/L	14	0	0	1	1	1	14	100	-	-	0	0	0	0	-	-	2	-	-	-
Dichloropropane[1,2-]	SW-846:8260B	ug/L	14	0	0	1	1	1	14	100	-	-	0	0	0	0	-	-	2	-	-	-
Dichloropropane[1,3-]	SW-846:8260B	ug/L	14	0	0	1	1	1	14	100	-	-	0	0	0	0	-	-	2	-	-	-
Dichloropropane[2,2-]	SW-846:8260B	ug/L	14	0	0	1	1	1	14	100	-	-	0	0	0	0	-	-	2	-	-	-
Dichloropropene[1,1-]	SW-846:8260B	ug/L	14	0	0	1	1	1	14	100	-	-	0	0	0	0	-	-	2	-	-	-
Dichloropropene[cis-1,3-]	SW-846:8260B	ug/L	14	0	0	1	1	1	14	100	-	-	0	0	0	0	-	-	2	-	-	-
Dichloropropene[trans-1,3-]	SW-846:8260B	ug/L	14	0	0	1	1	1	14	100	-	-	0	0	0	0	-	-	2	-	-	-
Diethyl Ether	SW-846:8260B	ug/L	3	0	0	1	1	1	3	100	-	-	0	0	0	0	-	-	2	-	-	-
Ethyl Methacrylate	SW-846:8260B	ug/L	14	0	0	5	5	5	14	100	-	-	0	0	0	0	-	-	2	-	-	-
Ethylbenzene	SW-846:8260B	ug/L	14	0	0	1	1	1	14	100	-	-	0	0	0	0	-	-	2	-	-	-
Hexachlorobutadiene	SW-846:8260B	ug/L	13	0	0	1	1	1	13	100	-	-	0	0	0	0	-	-	2	-	-	-
Hexanone[2-]	SW-846:8260B	ug/L	14	0	0	5	5	5	14	100	-	-	0	0	0	0	-	-	2	-	-	-
Iodomethane	SW-846:8260B	ug/L	14	0	0	5	5	5	14	100	-	-	0	0	0	0	-	-	2	-	-	-
Isobutyl alcohol	SW-846:8260B	ug/L	12	0	0	50	50	50	12	100	-	-	0	0	0	0	-	-	2	-	-	-
Isopropylbenzene	SW-846:8260B	ug/L	14	0	0	1	1	1	14	100	-	-	0	0	0	0	-	-	2	-	-	-
Isopropyltoluene[4-]	SW-846:8260B	ug/L	14	0	0	1	1	1	14	100	-	-	0	0	0	0	-	-	2	-	-	-
Methacrylonitrile	SW-846:8260B	ug/L	14	0	0	5	5	5	14	100	-	-	0	0	0	0	-	-	2	-	-	-
Methyl Methacrylate	SW-846:8260B	ug/L	14	0	0	5	5	5	14	100	-	-	0	0	0	0	-	-	2	-	-	-
Methyl tert-Butyl Ether	SW-846:8260B	ug/L	3	0	0	1	1	1	3	100	-	-	0	0	0	0	-	-	2	-	-	-
Methyl-2-pentanone[4-]	SW-846:8260B	ug/L	14	0	0	5	5	5	14	100	-	-	0	0	0	0	-	-	2	-	-	-

Table B-2
Screening Table for Sandia Watershed

Analyte	Method	Units	No. of Analyses	No. of Detects	D Rate %	Min	Mean	Max	No. of Non-detects	ND Rate %	BV	D> BV	ND> Std	D> Std	D> Std/2	D>Std/2 Rate %	Level	Std Type	Locations with Data (number)	D>Std (number of locations)	D>Std/2 (number of locations)	D>Std Stations
Methylene Chloride	SW-846:8260B	ug/L	14	0	0	5	5	5	14	100	-	-	0	0	0	0	-	-	2	-	-	-
Naphthalene	SW-846:8260B	ug/L	14	0	0	1	1	1	14	100	-	-	0	0	0	0	-	-	2	-	-	-
Propionitrile	SW-846:8260B	ug/L	14	0	0	5	5	5	14	100	-	-	0	0	0	0	-	-	2	-	-	-
Propylbenzene[1-]	SW-846:8260B	ug/L	14	0	0	1	1	1	14	100	-	-	0	0	0	0	-	-	2	-	-	-
Styrene	SW-846:8260B	ug/L	14	0	0	1	1	1	14	100	-	-	0	0	0	0	-	-	2	-	-	-
Tetrachloroethane[1,1,1,2-]	SW-846:8260B	ug/L	14	0	0	1	1	1	14	100	-	-	0	0	0	0	-	-	2	-	-	-
Tetrachloroethane[1,1,2,2-]	SW-846:8260B	ug/L	14	0	0	1	1	1	14	100	-	-	0	0	0	0	-	-	2	-	-	-
Tetrachloroethene	SW-846:8260B	ug/L	11	0	0	1	1	1	11	100	-	-	0	0	0	0	33	HHEU	2	-	-	-
Toluene	SW-846:8260B	ug/L	14	0	0	0.64	0.97429	1	14	100	-	-	0	0	0	0	-	-	2	-	-	-
Trichloro-1,2,2-trifluoroethane[1,1,2-]	SW-846:8260B	ug/L	14	0	0	5	5	5	14	100	-	-	0	0	0	0	-	-	2	-	-	-
Trichlorobenzene[1,2,3-]	SW-846:8260B	ug/L	14	0	0	1	1	1	14	100	-	-	0	0	0	0	-	-	2	-	-	-
Trichlorobenzene[1,2,4-]	SW-846:8260B	ug/L	14	0	0	1	1	1	14	100	-	-	0	0	0	0	-	-	2	-	-	-
Trichloroethane[1,1,1-]	SW-846:8260B	ug/L	14	0	0	1	1	1	14	100	-	-	0	0	0	0	-	-	2	-	-	-
Trichloroethane[1,1,2-]	SW-846:8260B	ug/L	14	0	0	1	1	1	14	100	-	-	0	0	0	0	-	-	2	-	-	-
Trichloroethene	SW-846:8260B	ug/L	14	0	0	1	1	1	14	100	-	-	0	0	0	0	-	-	2	-	-	-
Trichlorofluoromethane	SW-846:8260B	ug/L	14	0	0	1	1	1	14	100	-	-	0	0	0	0	-	-	2	-	-	-
Trichloropropane[1,2,3-]	SW-846:8260B	ug/L	14	0	0	1	1	1	14	100	-	-	0	0	0	0	-	-	2	-	-	-
Trimethylbenzene[1,2,4-]	SW-846:8260B	ug/L	14	0	0	1	1	1	14	100	-	-	0	0	0	0	-	-	2	-	-	-
Trimethylbenzene[1,3,5-]	SW-846:8260B	ug/L	14	0	0	1	1	1	14	100	-	-	0	0	0	0	-	-	2	-	-	-
Vinyl acetate	SW-846:8260B	ug/L	14	0	0	5	5	5	14	100	-	-	0	0	0	0	-	-	2	-	-	-
Vinyl Chloride	SW-846:8260B	ug/L	14	0	0	1	1	1	14	100	-	-	0	0	0	0	-	-	2	-	-	-
Xylene[1,2-]	SW-846:8260B	ug/L	14	0	0	1	1	1	14	100	-	-	0	0	0	0	-	-	2	-	-	-
Xylene[1,3-]+Xylene[1,4-]	SW-846:8260B	ug/L	14	0	0	2	2	2	14	100	-	-	0	0	0	0	-	-	2	-	-	-
Sandia, VOA, UF, Perennial																						
Acetone	EPA:624	ug/L	3	1	33	5.7	5.7	5.7	2	67	-	-	0	0	0	0	-	-	1	-	-	-
Acetone	SW-846:8260B	ug/L	6	3	50	1.55	1.94333	2.58	3	50	-	-	0	0	0	0	-	-	1	-	-	-
Acetonitrile	SW-846:8260B	ug/L	6	0	0	25	25	25	6	100	-	-	0	0	0	0	-	-	1	-	-	-
Acrolein	EPA:624	ug/L	3	0	0	5	5	5	3	100	-	-	0	0	0	0	290	HHPU	1	-	-	-
Acrolein	SW-846:8260B	ug/L	6	0	0	5	5	5	6	100	-	-	0	0	0	0	290	HHPU	1	-	-	-
Acrylonitrile	EPA:624	ug/L	3	0	0	5	5	5	3	100	-	-	3	0	0	0	2.5	HHPU	1	-	-	-
Acrylonitrile	SW-846:8260B	ug/L	6	0	0	5	5	5	6	100	-	-	6	0	0	0	2.5	HHPU	1	-	-	-
Benzene	EPA:624	ug/L	3	0	0	1	1	1	3	100	-	-	0	0	0	0	510	HHPU	1	-	-	-
Benzene	SW-846:8260B	ug/L	6	0	0	1	1	1	6	100	-	-	0	0	0	0	510	HHPU	1	-	-	-
Bromobenzene	EPA:624	ug/L	3	0	0	1	1	1	3	100	-	-	0	0	0	0	-	-	1	-	-	-
Bromobenzene	SW-846:8260B	ug/L	6	0	0	1	1	1	6	100	-	-	0	0	0	0	-	-	1	-	-	-
Bromochloromethane	EPA:624	ug/L	3	0	0	1	1	1	3	100	-	-	0	0	0	0	-	-	1	-	-	-
Bromochloromethane	SW-846:8260B	ug/L	6	0	0	1	1	1	6	100	-	-	0	0	0	0	-	-	1	-	-	-
Bromodichloromethane	EPA:624	ug/L	3	0	0	1	1	1	3	100	-	-	0	0	0	0	170	HHPU	1	-	-	-
Bromodichloromethane	SW-846:8260B	ug/L	6	1	17	0.458	0.458	0.458	5	83	-	-	0	0	0	0	170	HHPU	1	-	-	-
Bromoform	EPA:624	ug/L	3	1	33	0.83	0.83	0.83	2	67	-	-	0	0	0	0	1400	HHPU	1	-	-	-
Bromoform	SW-846:8260B	ug/L	6	1	17	1	1	1	5	83	-	-	0	0	0	0	1400	HHPU	1	-	-	-
Bromomethane	EPA:624	ug/L	3	0	0	1	1	1	3	100	-	-	0	0	0	0	1500	HHPU	1	-	-	-
Bromomethane	SW-846:8260B	ug/L	6	0	0	1	1	1	6	100	-	-	0	0	0	0	1500	HHPU	1	-	-	-
Butanol[1-]	SW-846:8260B	ug/L	1	0	0	50	50	50	1	100	-	-	0	0	0	0	-	-	1	-	-	-
Butanone[2-]	EPA:624	ug/L	3	0	0	5	5	5	3	100	-	-	0	0	0	0	-	-	1	-	-	-
Butanone[2-]	SW-846:8260B	ug/L	6	0	0	5	5	5	6	100	-	-	0	0	0	0	-	-	1	-	-	-
Butylbenzene[n-]	EPA:624	ug/L	3	0	0	1	1	1	3	100	-	-	0	0	0	0	-	-	1	-	-	-
Butylbenzene[n-]	SW-846:8260B	ug/L	6	0	0	1	1	1	6	100	-	-	0	0	0	0	-	-	1	-	-	-
Butylbenzene[sec-]	EPA:624	ug/L	3	0	0	1	1	1	3	100	-	-	0	0	0	0	-	-	1	-	-	-
Butylbenzene[sec-]	SW-846:8260B	ug/L	6	0	0	1	1	1	6	100	-	-	0	0	0	0	-	-	1	-	-	-
Butylbenzene[tert-]	EPA:624	ug/L	3	0	0	1	1	1	3	100	-	-	0	0	0	0	-	-	1	-	-	-
Butylbenzene[tert-]	SW-846:8260B	ug/L	6	0	0	1	1	1	6	100	-	-	0	0	0	0	-	-	1	-	-	-
Carbon Disulfide	EPA:624	ug/L	3	0	0	5	5	5	3	100	-	-	0	0	0	0	-	-	1	-	-	-
Carbon Disulfide	SW-846:8260B	ug/L	6	0	0	5	5	5	6	100	-	-	0	0	0	0	-	-	1	-	-	-
Carbon Tetrachloride	EPA:624	ug/L	3	0	0	1	1	1	3	100	-	-	0	0	0	0	16	HHPU	1	-	-	-

Table B-2
Screening Table for Sandia Watershed

Analyte	Method	Units	No. of Analyses	No. of Detects	D Rate %	Min	Mean	Max	No. of Non-detects	ND Rate %	BV	D> BV	ND> Std	D> Std	D> Std/2	D>Std/2 Rate %	Level	Std Type	Locations with Data (number)	D>Std (number of locations)	D>Std/2 (number of locations)	D>Std Stations
Carbon Tetrachloride	SW-846:8260B	ug/L	6	0	0	1	1	1	6	100	-	-	0	0	0	0	16	HHPU	1	-	-	-
Chloro-1,3-butadiene[2-]	SW-846:8260B	ug/L	6	0	0	1	1	1	6	100	-	-	0	0	0	0	-	-	1	-	-	-
Chloro-1-propene[3-]	SW-846:8260B	ug/L	5	0	0	5	5	5	5	100	-	-	0	0	0	0	-	-	1	-	-	-
Chlorobenzene	EPA:624	ug/L	3	0	0	1	1	1	3	100	-	-	0	0	0	0	21000	HHPU	1	-	-	-
Chlorobenzene	SW-846:8260B	ug/L	6	0	0	1	1	1	6	100	-	-	0	0	0	0	21000	HHPU	1	-	-	-
Chlorodibromomethane	EPA:624	ug/L	3	1	33	0.68	0.68	0.68	2	67	-	-	0	0	0	0	130	HHPU	1	-	-	-
Chlorodibromomethane	SW-846:8260B	ug/L	6	2	33	0.52	0.5675	0.615	4	67	-	-	0	0	0	0	130	HHPU	1	-	-	-
Chloroethane	EPA:624	ug/L	3	0	0	1	1	1	3	100	-	-	0	0	0	0	-	-	1	-	-	-
Chloroethane	SW-846:8260B	ug/L	6	0	0	1	1	1	6	100	-	-	0	0	0	0	-	-	1	-	-	-
Chloroform	EPA:624	ug/L	3	0	0	1	1	1	3	100	-	-	0	0	0	0	4700	HHPU	1	-	-	-
Chloroform	SW-846:8260B	ug/L	6	1	17	0.278	0.278	0.278	5	83	-	-	0	0	0	0	4700	HHPU	1	-	-	-
Chloromethane	EPA:624	ug/L	3	0	0	1	1	1	3	100	-	-	0	0	0	0	-	-	1	-	-	-
Chloromethane	SW-846:8260B	ug/L	6	0	0	1	1	1	6	100	-	-	0	0	0	0	-	-	1	-	-	-
Chlorotoluene[2-]	EPA:624	ug/L	3	0	0	1	1	1	3	100	-	-	0	0	0	0	-	-	1	-	-	-
Chlorotoluene[2-]	SW-846:8260B	ug/L	6	0	0	1	1	1	6	100	-	-	0	0	0	0	-	-	1	-	-	-
Chlorotoluene[4-]	EPA:624	ug/L	3	0	0	1	1	1	3	100	-	-	0	0	0	0	-	-	1	-	-	-
Chlorotoluene[4-]	SW-846:8260B	ug/L	6	0	0	1	1	1	6	100	-	-	0	0	0	0	-	-	1	-	-	-
Dibromo-3-Chloropropane[1,2-]	EPA:624	ug/L	3	0	0	1	1	1	3	100	-	-	0	0	0	0	-	-	1	-	-	-
Dibromo-3-Chloropropane[1,2-]	SW-846:8260B	ug/L	6	0	0	1	1	1	6	100	-	-	0	0	0	0	-	-	1	-	-	-
Dibromoethane[1,2-]	EPA:624	ug/L	3	0	0	1	1	1	3	100	-	-	0	0	0	0	-	-	1	-	-	-
Dibromoethane[1,2-]	SW-846:8260B	ug/L	6	0	0	1	1	1	6	100	-	-	0	0	0	0	-	-	1	-	-	-
Dibromomethane	EPA:624	ug/L	3	0	0	1	1	1	3	100	-	-	0	0	0	0	-	-	1	-	-	-
Dibromomethane	SW-846:8260B	ug/L	6	0	0	1	1	1	6	100	-	-	0	0	0	0	-	-	1	-	-	-
Dichlorobenzene[1,2-]	EPA:624	ug/L	3	0	0	1	1	1	3	100	-	-	0	0	0	0	-	-	1	-	-	-
Dichlorobenzene[1,2-]	SW-846:8260B	ug/L	6	0	0	1	1	1	6	100	-	-	0	0	0	0	-	-	1	-	-	-
Dichlorobenzene[1,3-]	EPA:624	ug/L	3	0	0	1	1	1	3	100	-	-	0	0	0	0	-	-	1	-	-	-
Dichlorobenzene[1,3-]	SW-846:8260B	ug/L	6	0	0	1	1	1	6	100	-	-	0	0	0	0	-	-	1	-	-	-
Dichlorobenzene[1,4-]	EPA:624	ug/L	3	0	0	1	1	1	3	100	-	-	0	0	0	0	-	-	1	-	-	-
Dichlorobenzene[1,4-]	SW-846:8260B	ug/L	6	0	0	1	1	1	6	100	-	-	0	0	0	0	-	-	1	-	-	-
Dichlorodifluoromethane	EPA:624	ug/L	3	0	0	1	1	1	3	100	-	-	0	0	0	0	-	-	1	-	-	-
Dichlorodifluoromethane	SW-846:8260B	ug/L	6	0	0	1	1	1	6	100	-	-	0	0	0	0	-	-	1	-	-	-
Dichloroethane[1,1-]	EPA:624	ug/L	3	0	0	1	1	1	3	100	-	-	0	0	0	0	-	-	1	-	-	-
Dichloroethane[1,1-]	SW-846:8260B	ug/L	6	0	0	1	1	1	6	100	-	-	0	0	0	0	-	-	1	-	-	-
Dichloroethane[1,2-]	EPA:624	ug/L	3	0	0	1	1	1	3	100	-	-	0	0	0	0	370	HHPU	1	-	-	-
Dichloroethane[1,2-]	SW-846:8260B	ug/L	6	0	0	1	1	1	6	100	-	-	0	0	0	0	370	HHPU	1	-	-	-
Dichloroethene[1,1-]	EPA:624	ug/L	3	0	0	1	1	1	3	100	-	-	0	0	0	0	32	HHPU	1	-	-	-
Dichloroethene[1,1-]	SW-846:8260B	ug/L	6	0	0	1	1	1	6	100	-	-	0	0	0	0	32	HHPU	1	-	-	-
Dichloroethene[cis-1,2-]	SW-846:8260B	ug/L	6	0	0	1	1	1	6	100	-	-	0	0	0	0	-	-	1	-	-	-
Dichloroethene[trans-1,2-]	EPA:624	ug/L	3	0	0	1	1	1	3	100	-	-	0	0	0	0	140000	HHPU	1	-	-	-
Dichloroethene[trans-1,2-]	SW-846:8260B	ug/L	6	0	0	1	1	1	6	100	-	-	0	0	0	0	140000	HHPU	1	-	-	-
Dichloropropane[1,2-]	EPA:624	ug/L	3	0	0	1	1	1	3	100	-	-	0	0	0	0	150	HHPU	1	-	-	-
Dichloropropane[1,2-]	SW-846:8260B	ug/L	6	0	0	1	1	1	6	100	-	-	0	0	0	0	150	HHPU	1	-	-	-
Dichloropropane[1,3-]	EPA:624	ug/L	3	0	0	1	1	1	3	100	-	-	0	0	0	0	-	-	1	-	-	-
Dichloropropane[1,3-]	SW-846:8260B	ug/L	6	0	0	1	1	1	6	100	-	-	0	0	0	0	-	-	1	-	-	-
Dichloropropane[2,2-]	EPA:624	ug/L	3	0	0	1	1	1	3	100	-	-	0	0	0	0	-	-	1	-	-	-
Dichloropropane[2,2-]	SW-846:8260B	ug/L	6	0	0	1	1	1	6	100	-	-	0	0	0	0	-	-	1	-	-	-
Dichloropropene[1,1-]	EPA:624	ug/L	3	0	0	1	1	1	3	100	-	-	0	0	0	0	-	-	1	-	-	-
Dichloropropene[1,1-]	SW-846:8260B	ug/L	6	0	0	1	1	1	6	100	-	-	0	0	0	0	-	-	1	-	-	-
Dichloropropene[cis-1,3-]	EPA:624	ug/L	3	0	0	1	1	1	3	100	-	-	0	0	0	0	-	-	1	-	-	-
Dichloropropene[cis-1,3-]	SW-846:8260B	ug/L	6	0	0	1	1	1	6	100	-	-	0	0	0	0	-	-	1	-	-	-
Dichloropropene[trans-1,3-]	EPA:624	ug/L	3	0	0	1	1	1	3	100	-	-	0	0	0	0	-	-	1	-	-	-
Dichloropropene[trans-1,3-]	SW-846:8260B	ug/L	6	0	0	1	1	1	6	100	-	-	0	0	0	0	-	-	1	-	-	-
Diethyl Ether	SW-846:8260B	ug/L	1	0	0	1	1	1	1	100	-	-	0	0	0	0	-	-	1	-	-	-
Dioxane[1,4-]	SW-846:8260B	ug/L	1	0	0	50	50	50	1	100	-	-	0	0	0	0	-	-	1	-	-	-
Ethyl Methacrylate	SW-846:8260B	ug/L	6	0	0	5	5	5	6	100	-	-	0	0	0	0	-	-	1	-	-	-

Table B-2
Screening Table for Sandia Watershed

Analyte	Method	Units	No. of Analyses	No. of Detects	D Rate %	Min	Mean	Max	No. of Non-detects	ND Rate %	BV	D> BV	ND> Std	D> Std	D> Std/2	D>Std/2 Rate %	Level	Std Type	Locations with Data (number)	D>Std (number of locations)	D>Std/2 (number of locations)	D>Std Stations
Ethylbenzene	EPA:624	ug/L	3	0	0	*1*	*1*	*1*	3	100	-	-	0	0	0	0	29000	HHPU	1	-	-	-
Ethylbenzene	SW-846:8260B	ug/L	6	0	0	*1*	*1*	*1*	6	100	-	-	0	0	0	0	29000	HHPU	1	-	-	-
Hexachlorobutadiene	EPA:624	ug/L	3	0	0	*1*	*1*	*1*	3	100	-	-	0	0	0	0	-	-	1	-	-	-
Hexachlorobutadiene	SW-846:8260B	ug/L	6	0	0	*1*	*1*	*1*	6	100	-	-	0	0	0	0	-	-	1	-	-	-
Hexanone[2-]	EPA:624	ug/L	3	0	0	*5*	*5*	*5*	3	100	-	-	0	0	0	0	-	-	1	-	-	-
Hexanone[2-]	SW-846:8260B	ug/L	6	0	0	*5*	*5*	*5*	6	100	-	-	0	0	0	0	-	-	1	-	-	-
Iodomethane	EPA:624	ug/L	3	0	0	*5*	*5*	*5*	3	100	-	-	0	0	0	0	-	-	1	-	-	-
Iodomethane	SW-846:8260B	ug/L	6	0	0	*5*	*5*	*5*	6	100	-	-	0	0	0	0	-	-	1	-	-	-
Isobutyl alcohol	SW-846:8260B	ug/L	5	0	0	*50*	*50*	*50*	5	100	-	-	0	0	0	0	-	-	1	-	-	-
Isopropylbenzene	EPA:624	ug/L	3	0	0	*1*	*1*	*1*	3	100	-	-	0	0	0	0	-	-	1	-	-	-
Isopropylbenzene	SW-846:8260B	ug/L	6	0	0	*1*	*1*	*1*	6	100	-	-	0	0	0	0	-	-	1	-	-	-
Isopropyltoluene[4-]	EPA:624	ug/L	3	0	0	*1*	*1*	*1*	3	100	-	-	0	0	0	0	-	-	1	-	-	-
Isopropyltoluene[4-]	SW-846:8260B	ug/L	6	0	0	*1*	*1*	*1*	6	100	-	-	0	0	0	0	-	-	1	-	-	-
Methacrylonitrile	SW-846:8260B	ug/L	6	0	0	*5*	*5*	*5*	6	100	-	-	0	0	0	0	-	-	1	-	-	-
Methyl Methacrylate	SW-846:8260B	ug/L	6	0	0	*5*	*5*	*5*	6	100	-	-	0	0	0	0	-	-	1	-	-	-
Methyl tert-Butyl Ether	SW-846:8260B	ug/L	1	0	0	*1*	*1*	*1*	1	100	-	-	0	0	0	0	-	-	1	-	-	-
Methyl-2-pentanone[4-]	EPA:624	ug/L	3	0	0	*5*	*5*	*5*	3	100	-	-	0	0	0	0	-	-	1	-	-	-
Methyl-2-pentanone[4-]	SW-846:8260B	ug/L	6	0	0	*5*	*5*	*5*	6	100	-	-	0	0	0	0	-	-	1	-	-	-
Methylene Chloride	EPA:624	ug/L	3	0	0	*2*	*4*	*5*	3	100	-	-	0	0	0	0	5900	HHPU	1	-	-	-
Methylene Chloride	SW-846:8260B	ug/L	6	0	0	*5*	*5*	*5*	6	100	-	-	0	0	0	0	5900	HHPU	1	-	-	-
Naphthalene	EPA:624	ug/L	3	0	0	*1*	*1*	*1*	3	100	-	-	0	0	0	0	-	-	1	-	-	-
Naphthalene	SW-846:8260B	ug/L	6	0	0	*1*	*1*	*1*	6	100	-	-	0	0	0	0	-	-	1	-	-	-
Propionitrile	SW-846:8260B	ug/L	6	0	0	*5*	*5*	*5*	6	100	-	-	0	0	0	0	-	-	1	-	-	-
Propylbenzene[1-]	EPA:624	ug/L	3	0	0	*1*	*1*	*1*	3	100	-	-	0	0	0	0	-	-	1	-	-	-
Propylbenzene[1-]	SW-846:8260B	ug/L	6	0	0	*1*	*1*	*1*	6	100	-	-	0	0	0	0	-	-	1	-	-	-
Styrene	EPA:624	ug/L	3	0	0	*1*	*1*	*1*	3	100	-	-	0	0	0	0	-	-	1	-	-	-
Styrene	SW-846:8260B	ug/L	6	0	0	*1*	*1*	*1*	6	100	-	-	0	0	0	0	-	-	1	-	-	-
Tetrachloroethane[1,1,1,2-]	EPA:624	ug/L	3	0	0	*1*	*1*	*1*	3	100	-	-	0	0	0	0	-	-	1	-	-	-
Tetrachloroethane[1,1,1,2-]	SW-846:8260B	ug/L	6	0	0	*1*	*1*	*1*	6	100	-	-	0	0	0	0	-	-	1	-	-	-
Tetrachloroethane[1,1,2,2-]	EPA:624	ug/L	3	0	0	*1*	*1*	*1*	3	100	-	-	0	0	0	0	40	HHPU	1	-	-	-
Tetrachloroethane[1,1,2,2-]	SW-846:8260B	ug/L	6	0	0	*1*	*1*	*1*	6	100	-	-	0	0	0	0	40	HHPU	1	-	-	-
Tetrachloroethene	EPA:624	ug/L	3	0	0	*1*	*1*	*1*	3	100	-	-	0	0	0	0	33	HHPU	1	-	-	-
Tetrachloroethene	SW-846:8260B	ug/L	5	0	0	*1*	*1*	*1*	5	100	-	-	0	0	0	0	33	HHPU	1	-	-	-
Toluene	EPA:624	ug/L	3	0	0	*1*	*1*	*1*	3	100	-	-	0	0	0	0	200000	HHPU	1	-	-	-
Toluene	SW-846:8260B	ug/L	6	0	0	*1*	*1*	*1*	6	100	-	-	0	0	0	0	200000	HHPU	1	-	-	-
Trichloro-1,2,2-trifluoroethane[1,1,2-]	EPA:624	ug/L	3	0	0	*5*	*5*	*5*	3	100	-	-	0	0	0	0	-	-	1	-	-	-
Trichloro-1,2,2-trifluoroethane[1,1,2-]	SW-846:8260B	ug/L	6	0	0	*5*	*5*	*5*	6	100	-	-	0	0	0	0	-	-	1	-	-	-
Trichlorobenzene[1,2,3-]	SW-846:8260B	ug/L	6	0	0	*1*	*1*	*1*	6	100	-	-	0	0	0	0	-	-	1	-	-	-
Trichlorobenzene[1,2,4-]	SW-846:8260B	ug/L	6	0	0	*1*	*1*	*1*	6	100	-	-	0	0	0	0	-	-	1	-	-	-
Trichloroethane[1,1,1-]	EPA:624	ug/L	3	0	0	*1*	*1*	*1*	3	100	-	-	0	0	0	0	-	-	1	-	-	-
Trichloroethane[1,1,1-]	SW-846:8260B	ug/L	6	0	0	*1*	*1*	*1*	6	100	-	-	0	0	0	0	-	-	1	-	-	-
Trichloroethane[1,1,2-]	EPA:624	ug/L	3	0	0	*1*	*1*	*1*	3	100	-	-	0	0	0	0	160	HHPU	1	-	-	-
Trichloroethane[1,1,2-]	SW-846:8260B	ug/L	6	0	0	*1*	*1*	*1*	6	100	-	-	0	0	0	0	160	HHPU	1	-	-	-
Trichloroethene	EPA:624	ug/L	3	0	0	*1*	*1*	*1*	3	100	-	-	0	0	0	0	300	HHPU	1	-	-	-
Trichloroethene	SW-846:8260B	ug/L	6	0	0	*1*	*1*	*1*	6	100	-	-	0	0	0	0	300	HHPU	1	-	-	-
Trichlorofluoromethane	EPA:624	ug/L	3	0	0	*1*	*1*	*1*	3	100	-	-	0	0	0	0	-	-	1	-	-	-
Trichlorofluoromethane	SW-846:8260B	ug/L	6	0	0	*1*	*1*	*1*	6	100	-	-	0	0	0	0	-	-	1	-	-	-
Trichloropropane[1,2,3-]	EPA:624	ug/L	3	0	0	*1*	*1*	*1*	3	100	-	-	0	0	0	0	-	-	1	-	-	-
Trichloropropane[1,2,3-]	SW-846:8260B	ug/L	6	0	0	*1*	*1*	*1*	6	100	-	-	0	0	0	0	-	-	1	-	-	-
Trimethylbenzene[1,2,4-]	EPA:624	ug/L	3	0	0	*1*	*1*	*1*	3	100	-	-	0	0	0	0	-	-	1	-	-	-
Trimethylbenzene[1,2,4-]	SW-846:8260B	ug/L	6	0	0	*1*	*1*	*1*	6	100	-	-	0	0	0	0	-	-	1	-	-	-
Trimethylbenzene[1,3,5-]	EPA:624	ug/L	3	0	0	*1*	*1*	*1*	3	100	-	-	0	0	0	0	-	-	1	-	-	-
Trimethylbenzene[1,3,5-]	SW-846:8260B	ug/L	6	0	0	*1*	*1*	*1*	6	100	-	-	0	0	0	0	-	-	1	-	-	-
Vinyl acetate	SW-846:8260B	ug/L	6	0	0	*5*	*5*	*5*	6	100	-	-	0	0	0	0	-	-	1	-	-	-
Vinyl Chloride	EPA:624	ug/L	3	0	0	*1*	*1*	*1*	3	100	-	-	0	0	0	0	5300	HHPU	1	-	-	-

Table B-2
Screening Table for Sandia Watershed

Analyte	Method	Units	No. of Analyses	No. of Detects	D Rate %	Min	Mean	Max	No. of Non-detects	ND Rate %	BV	D> BV	ND> Std	D> Std	D> Std/2	D>Std/2 Rate %	Level	Std Type	Locations with Data (number)	D>Std (number of locations)	D>Std/2 (number of locations)	D>Std Stations
Vinyl Chloride	SW-846:8260B	ug/L	6	0	0	1	1	1	6	100	-	-	0	0	0	0	5300	HHPU	1	-	-	-
Xylene (Total)	EPA:624	ug/L	3	0	0	1	1.66667	3	3	100	-	-	0	0	0	0	-	-	1	-	-	-
Xylene[1,2-]	EPA:624	ug/L	3	0	0	1	1	1	3	100	-	-	0	0	0	0	-	-	1	-	-	-
Xylene[1,2-]	SW-846:8260B	ug/L	6	0	0	1	1	1	6	100	-	-	0	0	0	0	-	-	1	-	-	-
Xylene[1,3-]+Xylene[1,4-]	EPA:624	ug/L	3	0	0	2	2	2	3	100	-	-	0	0	0	0	-	-	1	-	-	-
Xylene[1,3-]+Xylene[1,4-]	SW-846:8260B	ug/L	6	0	0	2	2	2	6	100	-	-	0	0	0	0	-	-	1	-	-	-
Sandia, VOA, UF, Alluvial																						
Acetone	SW-846:8260B	ug/L	7	3	43	2.3	3.10667	3.8	4	57	-	-	0	0	0	0	5475	Reg6	4	-	-	-
Acetonitrile	SW-846:8260B	ug/L	6	0	0	25	25	25	6	100	-	-	0	0	0	0	124.1	Reg6	4	-	-	-
Acrolein	SW-846:8260B	ug/L	7	0	0	5	5	5	7	100	-	-	7	0	0	0	0.04161916	Reg6	4	-	-	-
Acrylonitrile	SW-846:8260B	ug/L	7	0	0	5	5	5	7	100	-	-	7	0	0	0	1.237239	Reg6	4	-	-	-
Benzene	SW-846:8260B	ug/L	6	0	0	1	1	1	6	100	-	-	0	0	0	0	5	MCL	4	-	-	-
Bromobenzene	SW-846:8260B	ug/L	7	0	0	1	1	1	7	100	-	-	0	0	0	0	23.25201	Reg6	4	-	-	-
Bromochloromethane	SW-846:8260B	ug/L	7	0	0	1	1	1	7	100	-	-	0	0	0	0	-	-	4	-	-	-
Bromodichloromethane	SW-846:8260B	ug/L	7	0	0	1	1	1	7	100	-	-	0	0	0	0	10.69108	Reg6	4	-	-	-
Bromoform	SW-846:8260B	ug/L	7	0	0	1	1	1	7	100	-	-	0	0	0	0	85.10321	Reg6	4	-	-	-
Bromomethane	SW-846:8260B	ug/L	7	0	0	1	1	1	7	100	-	-	0	0	0	0	8.661017	Reg6	4	-	-	-
Butanol[1-]	SW-846:8260B	ug/L	1	0	0	50	50	50	1	100	-	-	0	0	0	0	3650	Reg6	1	-	-	-
Butanone[2-]	SW-846:8260B	ug/L	7	2	29	2.1	4.18	6.26	5	71	-	-	0	0	0	0	7064.516	Reg6	4	-	-	-
Butylbenzene[n-]	SW-846:8260B	ug/L	7	0	0	1	1	1	7	100	-	-	0	0	0	0	60.83333	Reg6	4	-	-	-
Butylbenzene[sec-]	SW-846:8260B	ug/L	7	0	0	1	1	1	7	100	-	-	0	0	0	0	60.83333	Reg6	4	-	-	-
Butylbenzene[tert-]	SW-846:8260B	ug/L	7	0	0	1	1	1	7	100	-	-	0	0	0	0	60.83333	Reg6	4	-	-	-
Carbon Disulfide	SW-846:8260B	ug/L	6	0	0	5	5	5	6	100	-	-	0	0	0	0	1042.857	Reg6	4	-	-	-
Carbon Tetrachloride	SW-846:8260B	ug/L	7	0	0	1	1	1	7	100	-	-	0	0	0	0	5	MCL	4	-	-	-
Chloro-1,3-butadiene[2-]	SW-846:8260B	ug/L	7	0	0	1	1	1	7	100	-	-	0	0	0	0	14.31373	Reg6	4	-	-	-
Chloro-1-propene[3-]	SW-846:8260B	ug/L	7	0	0	5	5	5	7	100	-	-	0	0	0	0	1825	Reg6	4	-	-	-
Chlorobenzene	SW-846:8260B	ug/L	7	0	0	1	1	1	7	100	-	-	0	0	0	0	100	MCL	4	-	-	-
Chlorodibromomethane	SW-846:8260B	ug/L	7	0	0	1	1	1	7	100	-	-	0	0	0	0	7.891034	Reg6	4	-	-	-
Chloroethane	SW-846:8260B	ug/L	7	0	0	1	1	1	7	100	-	-	0	0	0	0	228.5679	Reg6	4	-	-	-
Chloroform	SW-846:8260B	ug/L	7	2	29	0.289	0.29	0.291	5	71	-	-	0	0	0	0	60	MCL	4	-	-	-
Chloromethane	SW-846:8260B	ug/L	7	0	0	1	1	1	7	100	-	-	0	0	0	0	21.34503	Reg6	4	-	-	-
Chlorotoluene[2-]	SW-846:8260B	ug/L	7	0	0	1	1	1	7	100	-	-	0	0	0	0	121.6667	Reg6	4	-	-	-
Chlorotoluene[4-]	SW-846:8260B	ug/L	7	0	0	1	1	1	7	100	-	-	0	0	0	0	-	-	4	-	-	-
Dibromo-3-Chloropropane[1,2-]	SW-846:8260B	ug/L	7	0	0	1	1	1	7	100	-	-	7	0	0	0	0.2	MCL	4	-	-	-
Dibromoethane[1,2-]	SW-846:8260B	ug/L	7	0	0	1	1	1	7	100	-	-	7	0	0	0	0.05	MCL	4	-	-	-
Dibromomethane	SW-846:8260B	ug/L	7	0	0	1	1	1	7	100	-	-	0	0	0	0	60.83333	Reg6	4	-	-	-
Dichlorobenzene[1,2-]	SW-846:8260B	ug/L	7	0	0	1	1	1	7	100	-	-	0	0	0	0	-	-	4	-	-	-
Dichlorobenzene[1,3-]	SW-846:8260B	ug/L	7	1	14	3.49	3.49	3.49	6	86	-	-	0	0	0	0	-	-	4	-	-	-
Dichlorobenzene[1,4-]	SW-846:8260B	ug/L	7	0	0	1	1	1	7	100	-	-	0	0	0	0	-	-	4	-	-	-
Dichlorodifluoromethane	SW-846:8260B	ug/L	7	0	0	1	1	1	7	100	-	-	0	0	0	0	394.5946	Reg6	4	-	-	-
Dichloroethane[1,1-]	SW-846:8260B	ug/L	7	0	0	1	1	1	7	100	-	-	0	0	0	0	25	NMGSU	4	-	-	-
Dichloroethane[1,2-]	SW-846:8260B	ug/L	7	0	0	1	1	1	7	100	-	-	0	0	0	0	5	MCL	4	-	-	-
Dichloroethene[1,1-]	SW-846:8260B	ug/L	7	0	0	1	1	1	7	100	-	-	0	0	0	0	5	NMGSU	4	-	-	-
Dichloroethene[cis-1,2-]	SW-846:8260B	ug/L	7	0	0	1	1	1	7	100	-	-	0	0	0	0	70	MCL	4	-	-	-
Dichloroethene[trans-1,2-]	SW-846:8260B	ug/L	7	0	0	1	1	1	7	100	-	-	0	0	0	0	100	MCL	4	-	-	-
Dichloropropane[1,2-]	SW-846:8260B	ug/L	7	0	0	1	1	1	7	100	-	-	0	0	0	0	5	MCL	4	-	-	-
Dichloropropane[1,3-]	SW-846:8260B	ug/L	7	0	0	1	1	1	7	100	-	-	0	0	0	0	-	-	4	-	-	-
Dichloropropane[2,2-]	SW-846:8260B	ug/L	7	0	0	1	1	1	7	100	-	-	0	0	0	0	-	-	4	-	-	-
Dichloropropene[1,1-]	SW-846:8260B	ug/L	7	0	0	1	1	1	7	100	-	-	0	0	0	0	-	-	4	-	-	-
Dichloropropene[cis-1,3-]	SW-846:8260B	ug/L	7	0	0	1	1	1	7	100	-	-	0	0	0	0	-	-	4	-	-	-
Dichloropropene[trans-1,3-]	SW-846:8260B	ug/L	7	0	0	1	1	1	7	100	-	-	0	0	0	0	-	-	4	-	-	-
Diethyl Ether	SW-846:8260B	ug/L	1	0	0	1	1	1	1	100	-	-	0	0	0	0	-	-	1	-	-	-
Ethyl Methacrylate	SW-846:8260B	ug/L	7	0	0	5	5	5	7	100	-	-	0	0	0	0	547.5	Reg6	4	-	-	-
Ethylbenzene	SW-846:8260B	ug/L	7	0	0	1	1	1	7	100	-	-	0	0	0	0	700	MCL	4	-	-	-
Hexachlorobutadiene	SW-846:8260B	ug/L	7	0	0	1	1	1	7	100	-	-	0	0	0	0	-	-	4	-	-	-

Table B-2
Screening Table for Sandia Watershed

Analyte	Method	Units	No. of Analyses	No. of Detects	D Rate %	Min	Mean	Max	No. of Non-detects	ND Rate %	BV	D> BV	ND> Std	D> Std	D> Std/2	D>Std/2 Rate %	Level	Std Type	Locations with Data (number)	D>Std (number of locations)	D>Std/2 (number of locations)	D>Std Stations
Hexanone[2-]	SW-846:8260B	ug/L	7	0	0	5	5	5	7	100	-	-	0	0	0	0	-	-	4	-	-	-
Iodomethane	SW-846:8260B	ug/L	7	0	0	5	5	5	7	100	-	-	0	0	0	0	-	-	4	-	-	-
Isobutyl alcohol	SW-846:8260B	ug/L	7	0	0	50	50	50	7	100	-	-	0	0	0	0	1825	Reg6	4	-	-	-
Isopropylbenzene	SW-846:8260B	ug/L	7	0	0	1	1	1	7	100	-	-	0	0	0	0	658.1967	Reg6	4	-	-	-
Isopropyltoluene[4-]	SW-846:8260B	ug/L	7	0	0	1	1	1	7	100	-	-	0	0	0	0	-	-	4	-	-	-
Methacrylonitrile	SW-846:8260B	ug/L	7	0	0	5	5	5	7	100	-	-	7	0	0	0	1.042857	Reg6	4	-	-	-
Methyl Methacrylate	SW-846:8260B	ug/L	7	0	0	5	5	5	7	100	-	-	0	0	0	0	1419.444	Reg6	4	-	-	-
Methyl tert-Butyl Ether	SW-846:8260B	ug/L	1	0	0	1	1	1	1	100	-	-	0	0	0	0	370.8305	Reg6	1	-	-	-
Methyl-2-pentanone[4-]	SW-846:8260B	ug/L	7	0	0	5	5	5	7	100	-	-	0	0	0	0	1990.909	Reg6	4	-	-	-
Methylene Chloride	SW-846:8260B	ug/L	7	0	0	5	5	5	7	100	-	-	0	0	0	0	5	MCL	4	-	-	-
Naphthalene	SW-846:8260B	ug/L	7	0	0	1	1	1	7	100	-	-	0	0	0	0	-	-	4	-	-	-
Propionitrile	SW-846:8260B	ug/L	7	0	0	5	5	5	7	100	-	-	0	0	0	0	-	-	4	-	-	-
Propylbenzene[1-]	SW-846:8260B	ug/L	7	0	0	1	1	1	7	100	-	-	0	0	0	0	60.83333	Reg6	4	-	-	-
Styrene	SW-846:8260B	ug/L	7	0	0	1	1	1	7	100	-	-	0	0	0	0	100	MCL	4	-	-	-
Tetrachloroethane[1,1,1,2-]	SW-846:8260B	ug/L	7	0	0	1	1	1	7	100	-	-	0	0	0	0	25.49549	Reg6	4	-	-	-
Tetrachloroethane[1,1,2,2-]	SW-846:8260B	ug/L	7	0	0	1	1	1	7	100	-	-	0	0	0	0	10	NMGSU	4	-	-	-
Tetrachloroethene	SW-846:8260B	ug/L	6	0	0	1	1	1	6	100	-	-	0	0	0	0	5	MCL	4	-	-	-
Toluene	SW-846:8260B	ug/L	7	2	29	0.26	2.115	3.97	5	71	-	-	0	0	0	0	750	NMGSU	4	-	-	-
Trichloro-1,2,2-trifluoroethane[1,1,2-]	SW-846:8260B	ug/L	7	0	0	5	5	5	7	100	-	-	0	0	0	0	59179.86	Reg6	4	-	-	-
Trichlorobenzene[1,2,3-]	SW-846:8260B	ug/L	7	0	0	1	1	1	7	100	-	-	0	0	0	0	-	-	4	-	-	-
Trichlorobenzene[1,2,4-]	SW-846:8260B	ug/L	7	0	0	1	1	1	7	100	-	-	0	0	0	0	-	-	4	-	-	-
Trichloroethane[1,1,1-]	SW-846:8260B	ug/L	7	0	0	1	1	1	7	100	-	-	0	0	0	0	60	NMGSU	4	-	-	-
Trichloroethane[1,1,2-]	SW-846:8260B	ug/L	7	0	0	1	1	1	7	100	-	-	0	0	0	0	5	MCL	4	-	-	-
Trichloroethene	SW-846:8260B	ug/L	7	0	0	1	1	1	7	100	-	-	0	0	0	0	5	MCL	4	-	-	-
Trichlorofluoromethane	SW-846:8260B	ug/L	7	0	0	1	1	1	7	100	-	-	0	0	0	0	5	MCL	4	-	-	-
Trichloropropane[1,2,3-]	SW-846:8260B	ug/L	7	0	0	1	1	1	7	100	-	-	7	0	0	0	0.09469241	Reg6	4	-	-	-
Trimethylbenzene[1,2,4-]	SW-846:8260B	ug/L	7	0	0	1	1	1	7	100	-	-	0	0	0	0	12.42906	Reg6	4	-	-	-
Trimethylbenzene[1,3,5-]	SW-846:8260B	ug/L	7	0	0	1	1	1	7	100	-	-	0	0	0	0	12.32618	Reg6	4	-	-	-
Vinyl acetate	SW-846:8260B	ug/L	6	0	0	5	5	5	6	100	-	-	0	0	0	0	412.4294	Reg6	4	-	-	-
Vinyl Chloride	SW-846:8260B	ug/L	7	0	0	1	1	1	7	100	-	-	0	0	0	0	1	NMGSU	4	-	-	-
Xylene[1,2-]	SW-846:8260B	ug/L	7	0	0	1	1	1	7	100	-	-	0	0	0	0	1431.373	Reg6	4	-	-	-
Xylene[1,3-]+Xylene[1,4-]	SW-846:8260B	ug/L	7	0	0	2	2	2	7	100	-	-	0	0	0	0	-	-	4	-	-	-
Sandia, VOA, UF, Intermediate																						
Acetone	SW-846:8260B	ug/L	8	1	13	2.15	2.15	2.15	7	88	-	-	0	0	0	0	5475	Reg6	2	-	-	-
Acetonitrile	SW-846:8260B	ug/L	6	0	0	25	25	25	6	100	-	-	0	0	0	0	124.1	Reg6	2	-	-	-
Acrolein	SW-846:8260B	ug/L	8	0	0	5	5	5	8	100	-	-	8	0	0	0	0.04161916	Reg6	2	-	-	-
Acrylonitrile	SW-846:8260B	ug/L	8	0	0	5	5	5	8	100	-	-	8	0	0	0	1.237239	Reg6	2	-	-	-
Benzene	SW-846:8260B	ug/L	8	0	0	1	1	1	8	100	-	-	0	0	0	0	5	MCL	2	-	-	-
Bromobenzene	SW-846:8260B	ug/L	8	0	0	1	1	1	8	100	-	-	0	0	0	0	23.25201	Reg6	2	-	-	-
Bromochloromethane	SW-846:8260B	ug/L	8	0	0	1	1	1	8	100	-	-	0	0	0	0	-	-	2	-	-	-
Bromodichloromethane	SW-846:8260B	ug/L	8	0	0	1	1	1	8	100	-	-	0	0	0	0	10.69108	Reg6	2	-	-	-
Bromoform	SW-846:8260B	ug/L	8	0	0	1	1	1	8	100	-	-	0	0	0	0	85.10321	Reg6	2	-	-	-
Bromomethane	SW-846:8260B	ug/L	8	0	0	1	1	1	8	100	-	-	0	0	0	0	8.661017	Reg6	2	-	-	-
Butanol[1-]	SW-846:8260B	ug/L	1	0	0	50	50	50	1	100	-	-	0	0	0	0	3650	Reg6	1	-	-	-
Butanone[2-]	SW-846:8260B	ug/L	8	0	0	5	5	5	8	100	-	-	0	0	0	0	7064.516	Reg6	2	-	-	-
Butylbenzene[n-]	SW-846:8260B	ug/L	8	0	0	1	1	1	8	100	-	-	0	0	0	0	60.83333	Reg6	2	-	-	-
Butylbenzene[sec-]	SW-846:8260B	ug/L	8	0	0	1	1	1	8	100	-	-	0	0	0	0	60.83333	Reg6	2	-	-	-
Butylbenzene[tert-]	SW-846:8260B	ug/L	8	0	0	1	1	1	8	100	-	-	0	0	0	0	60.83333	Reg6	2	-	-	-
Carbon Disulfide	SW-846:8260B	ug/L	8	0	0	5	5	5	8	100	-	-	0	0	0	0	1042.857	Reg6	2	-	-	-
Carbon Tetrachloride	SW-846:8260B	ug/L	8	0	0	1	1	1	8	100	-	-	0	0	0	0	5	MCL	2	-	-	-
Chloro-1,3-butadiene[2-]	SW-846:8260B	ug/L	7	0	0	1	1	1	7	100	-	-	0	0	0	0	14.31373	Reg6	2	-	-	-
Chloro-1-propene[3-]	SW-846:8260B	ug/L	7	0	0	5	5	5	7	100	-	-	0	0	0	0	1825	Reg6	2	-	-	-
Chlorobenzene	SW-846:8260B	ug/L	8	0	0	1	1	1	8	100	-	-	0	0	0	0	100	MCL	2	-	-	-
Chlorodibromomethane	SW-846:8260B	ug/L	8	0	0	1	1	1	8	100	-	-	0	0	0	0	7.891034	Reg6	2	-	-	-
Chloroethane	SW-846:8260B	ug/L	8	0	0	1	1	1	8	100	-	-	0	0	0	0	228.5679	Reg6	2	-	-	-

Table B-2
Screening Table for Sandia Watershed

Analyte	Method	Units	No. of Analyses	No. of Detects	D Rate %	Min	Mean	Max	No. of Non-detects	ND Rate %	BV	D> BV	ND> Std	D> Std	D> Std/2	D>Std/2 Rate %	Level	Std Type	Locations with Data (number)	D>Std (number of locations)	D>Std/2 (number of locations)	D>Std Stations
Chloroethyl vinyl ether[2-]	EPA:624	ug/L	1	0	0	5	5	5	1	100	-	-	0	0	0	0	-	-	1	-	-	-
Chloroform	SW-846:8260B	ug/L	8	3	38	0.546	0.65667	0.853	5	63	-	-	0	0	0	0	60	MCL	2	-	-	-
Chloromethane	SW-846:8260B	ug/L	8	0	0	1	1	1	8	100	-	-	0	0	0	0	21.34503	Reg6	2	-	-	-
Chlorotoluene[2-]	SW-846:8260B	ug/L	8	0	0	1	1	1	8	100	-	-	0	0	0	0	121.6667	Reg6	2	-	-	-
Chlorotoluene[4-]	SW-846:8260B	ug/L	8	0	0	1	1	1	8	100	-	-	0	0	0	0	-	-	2	-	-	-
Dibromo-3-Chloropropane[1,2-]	SW-846:8260B	ug/L	8	0	0	1	1	1	8	100	-	-	8	0	0	0	0.2	MCL	2	-	-	-
Dibromoethane[1,2-]	SW-846:8260B	ug/L	8	0	0	1	1	1	8	100	-	-	8	0	0	0	0.05	MCL	2	-	-	-
Dibromomethane	SW-846:8260B	ug/L	8	0	0	1	1	1	8	100	-	-	0	0	0	0	60.83333	Reg6	2	-	-	-
Dichlorobenzene[1,2-]	SW-846:8260B	ug/L	8	0	0	1	1	1	8	100	-	-	0	0	0	0	-	-	2	-	-	-
Dichlorobenzene[1,3-]	SW-846:8260B	ug/L	8	0	0	1	1	1	8	100	-	-	0	0	0	0	-	-	2	-	-	-
Dichlorobenzene[1,4-]	SW-846:8260B	ug/L	8	0	0	0.267	0.90838	1	8	100	-	-	0	0	0	0	-	-	2	-	-	-
Dichlorodifluoromethane	SW-846:8260B	ug/L	8	0	0	1	1	1	8	100	-	-	0	0	0	0	394.5946	Reg6	2	-	-	-
Dichloroethane[1,1-]	SW-846:8260B	ug/L	8	0	0	1	1	1	8	100	-	-	0	0	0	0	25	NMGSU	2	-	-	-
Dichloroethane[1,2-]	SW-846:8260B	ug/L	8	0	0	1	1	1	8	100	-	-	0	0	0	0	5	MCL	2	-	-	-
Dichloroethene[1,1-]	SW-846:8260B	ug/L	8	0	0	1	1	1	8	100	-	-	0	0	0	0	5	NMGSU	2	-	-	-
Dichloroethene[cis-1,2-]	SW-846:8260B	ug/L	7	0	0	1	1	1	7	100	-	-	0	0	0	0	70	MCL	2	-	-	-
Dichloroethene[trans-1,2-]	SW-846:8260B	ug/L	8	0	0	1	1	1	8	100	-	-	0	0	0	0	100	MCL	2	-	-	-
Dichloropropane[1,2-]	SW-846:8260B	ug/L	8	0	0	1	1	1	8	100	-	-	0	0	0	0	5	MCL	2	-	-	-
Dichloropropane[1,3-]	SW-846:8260B	ug/L	8	0	0	1	1	1	8	100	-	-	0	0	0	0	-	-	2	-	-	-
Dichloropropane[2,2-]	SW-846:8260B	ug/L	8	0	0	1	1	1	8	100	-	-	0	0	0	0	-	-	2	-	-	-
Dichloropropene[1,1-]	SW-846:8260B	ug/L	8	0	0	1	1	1	8	100	-	-	0	0	0	0	-	-	2	-	-	-
Dichloropropene[cis-1,3-]	SW-846:8260B	ug/L	8	0	0	1	1	1	8	100	-	-	0	0	0	0	-	-	2	-	-	-
Dichloropropene[trans-1,3-]	SW-846:8260B	ug/L	8	0	0	1	1	1	8	100	-	-	0	0	0	0	-	-	2	-	-	-
Diethyl Ether	SW-846:8260B	ug/L	1	0	0	1	1	1	1	100	-	-	0	0	0	0	-	-	1	-	-	-
Dioxane[1,4-]	SW-846:8260B	ug/L	1	0	0	50	50	50	1	100	-	-	0	0	0	0	-	-	1	-	-	-
Ethyl Methacrylate	SW-846:8260B	ug/L	7	0	0	5	5	5	7	100	-	-	0	0	0	0	547.5	Reg6	2	-	-	-
Ethylbenzene	SW-846:8260B	ug/L	8	0	0	1	1	1	8	100	-	-	0	0	0	0	700	MCL	2	-	-	-
Hexachlorobutadiene	SW-846:8260B	ug/L	8	0	0	1	1	1	8	100	-	-	0	0	0	0	-	-	2	-	-	-
Hexanone[2-]	SW-846:8260B	ug/L	8	0	0	5	5	5	8	100	-	-	0	0	0	0	-	-	2	-	-	-
Iodomethane	SW-846:8260B	ug/L	8	0	0	5	5	5	8	100	-	-	0	0	0	0	-	-	2	-	-	-
Isobutyl alcohol	SW-846:8260B	ug/L	7	0	0	50	50	50	7	100	-	-	0	0	0	0	1825	Reg6	2	-	-	-
Isopropylbenzene	SW-846:8260B	ug/L	8	0	0	1	1	1	8	100	-	-	0	0	0	0	658.1967	Reg6	2	-	-	-
Isopropyltoluene[4-]	SW-846:8260B	ug/L	8	0	0	1	1	1	8	100	-	-	0	0	0	0	-	-	2	-	-	-
Methacrylonitrile	SW-846:8260B	ug/L	7	0	0	5	5	5	7	100	-	-	7	0	0	0	1.042857	Reg6	2	-	-	-
Methyl Methacrylate	SW-846:8260B	ug/L	7	0	0	5	5	5	7	100	-	-	0	0	0	0	1419.444	Reg6	2	-	-	-
Methyl tert-Butyl Ether	SW-846:8260B	ug/L	1	0	0	1	1	1	1	100	-	-	0	0	0	0	370.8305	Reg6	1	-	-	-
Methyl-2-pentanone[4-]	SW-846:8260B	ug/L	8	0	0	5	5	5	8	100	-	-	0	0	0	0	1990.909	Reg6	2	-	-	-
Methylene Chloride	SW-846:8260B	ug/L	8	0	0	2.12	4.64	5	8	100	-	-	0	0	0	0	5	MCL	2	-	-	-
Naphthalene	SW-846:8260B	ug/L	8	0	0	1	1	1	8	100	-	-	0	0	0	0	-	-	2	-	-	-
Propionitrile	SW-846:8260B	ug/L	7	0	0	5	5	5	7	100	-	-	0	0	0	0	-	-	2	-	-	-
Propylbenzene[1-]	SW-846:8260B	ug/L	8	0	0	1	1	1	8	100	-	-	0	0	0	0	60.83333	Reg6	2	-	-	-
Styrene	SW-846:8260B	ug/L	8	0	0	1	1	1	8	100	-	-	0	0	0	0	100	MCL	2	-	-	-
Tetrachloroethane[1,1,1,2-]	SW-846:8260B	ug/L	8	0	0	1	1	1	8	100	-	-	0	0	0	0	25.49549	Reg6	2	-	-	-
Tetrachloroethane[1,1,2,2-]	SW-846:8260B	ug/L	8	0	0	1	1	1	8	100	-	-	0	0	0	0	10	NMGSU	2	-	-	-
Tetrachloroethene	SW-846:8260B	ug/L	8	0	0	1	1	1	8	100	-	-	0	0	0	0	5	MCL	2	-	-	-
Toluene	SW-846:8260B	ug/L	8	0	0	1	1	1	8	100	-	-	0	0	0	0	750	NMGSU	2	-	-	-
Trichloro-1,2,2-trifluoroethane[1,1,2-]	SW-846:8260B	ug/L	8	0	0	5	5	5	8	100	-	-	0	0	0	0	59179.86	Reg6	2	-	-	-
Trichlorobenzene[1,2,3-]	SW-846:8260B	ug/L	7	0	0	1	1	1	7	100	-	-	0	0	0	0	-	-	2	-	-	-
Trichlorobenzene[1,2,4-]	SW-846:8260B	ug/L	7	0	0	1	1	1	7	100	-	-	0	0	0	0	-	-	2	-	-	-
Trichloroethane[1,1,1-]	SW-846:8260B	ug/L	8	0	0	1	1	1	8	100	-	-	0	0	0	0	60	NMGSU	2	-	-	-
Trichloroethane[1,1,2-]	SW-846:8260B	ug/L	8	0	0	1	1	1	8	100	-	-	0	0	0	0	5	MCL	2	-	-	-
Trichloroethene	SW-846:8260B	ug/L	8	0	0	1	1	1	8	100	-	-	0	0	0	0	5	MCL	2	-	-	-
Trichlorofluoromethane	SW-846:8260B	ug/L	8	0	0	1	1	1	8	100	-	-	0	0	0	0	5	MCL	2	-	-	-
Trichloropropane[1,2,3-]	SW-846:8260B	ug/L	8	0	0	1	1	1	8	100	-	-	8	0	0	0	0.09469241	Reg6	2	-	-	-
Trimethylbenzene[1,2,4-]	SW-846:8260B	ug/L	8	0	0	1	1	1	8	100	-	-	0	0	0	0	12.42906	Reg6	2	-	-	-

Table B-2
Screening Table for Sandia Watershed

Analyte	Method	Units	No. of Analyses	No. of Detects	D Rate %	Min	Mean	Max	No. of Non-detects	ND Rate %	BV	D> BV	ND> Std	D> Std	D> Std/2	D>Std/2 Rate %	Level	Std Type	Locations with Data (number)	D>Std (number of locations)	D>Std/2 (number of locations)	D>Std Stations
Trimethylbenzene[1,3,5-]	SW-846:8260B	ug/L	8	0	0	1	1	1	8	100	-	-	0	0	0	0	12.32618	Reg6	2	-	-	-
Vinyl acetate	SW-846:8260B	ug/L	7	0	0	5	5	5	7	100	-	-	0	0	0	0	412.4294	Reg6	2	-	-	-
Vinyl Chloride	SW-846:8260B	ug/L	8	0	0	1	1	1	8	100	-	-	0	0	0	0	1	NMGSU	2	-	-	-
Xylene (Total)	SW-846:8260B	ug/L	1	0	0	1	1	1	1	100	-	-	0	0	0	0	10000	MCL	1	-	-	-
Xylene[1,2-]	SW-846:8260B	ug/L	8	0	0	1	1	1	8	100	-	-	0	0	0	0	1431.373	Reg6	2	-	-	-
Xylene[1,3-]+Xylene[1,4-]	SW-846:8260B	ug/L	7	0	0	2	2	2	7	100	-	-	0	0	0	0	-	-	2	-	-	-
Sandia, VOA, UF, Regional																						
Acetone	SW-846:8260B	ug/L	36	13	36	1.34	2.49462	4.28	23	64	-	-	0	0	0	0	5475	Reg6	6	-	-	-
Acetonitrile	SW-846:8260B	ug/L	32	0	0	25	25	25	32	100	-	-	0	0	0	0	124.1	Reg6	6	-	-	-
Acrolein	SW-846:8260B	ug/L	31	0	0	5	5	5	31	100	-	-	31	0	0	0	0.04161916	Reg6	6	-	-	-
Acrylonitrile	SW-846:8260B	ug/L	33	0	0	5	5	5	33	100	-	-	33	0	0	0	1.237239	Reg6	6	-	-	-
Benzene	SW-846:8260B	ug/L	38	0	0	1	1	1	38	100	-	-	0	0	0	0	5	MCL	6	-	-	-
Bromobenzene	SW-846:8260B	ug/L	38	0	0	1	1	1	38	100	-	-	0	0	0	0	23.25201	Reg6	6	-	-	-
Bromochloromethane	SW-846:8260B	ug/L	38	0	0	1	1	1	38	100	-	-	0	0	0	0	-	-	6	-	-	-
Bromodichloromethane	SW-846:8260B	ug/L	38	0	0	1	1	1	38	100	-	-	0	0	0	0	10.69108	Reg6	6	-	-	-
Bromoform	SW-846:8260B	ug/L	38	0	0	1	1	1	38	100	-	-	0	0	0	0	85.10321	Reg6	6	-	-	-
Bromomethane	SW-846:8260B	ug/L	38	0	0	1	1	1	38	100	-	-	0	0	0	0	8.661017	Reg6	6	-	-	-
Butanol[1-]	SW-846:8260B	ug/L	10	0	0	50	50	50	10	100	-	-	0	0	0	0	3650	Reg6	5	-	-	-
Butanone[2-]	SW-846:8260B	ug/L	38	1	3	4.76	4.76	4.76	37	97	-	-	0	0	0	0	7064.516	Reg6	6	-	-	-
Butylbenzene[n-]	SW-846:8260B	ug/L	38	0	0	1	1	1	38	100	-	-	0	0	0	0	60.83333	Reg6	6	-	-	-
Butylbenzene[sec-]	SW-846:8260B	ug/L	38	0	0	1	1	1	38	100	-	-	0	0	0	0	60.83333	Reg6	6	-	-	-
Butylbenzene[tert-]	SW-846:8260B	ug/L	38	0	0	1	1	1	38	100	-	-	0	0	0	0	60.83333	Reg6	6	-	-	-
Carbon Disulfide	SW-846:8260B	ug/L	38	1	3	3.02	3.02	3.02	37	97	-	-	0	0	0	0	1042.857	Reg6	6	-	-	-
Carbon Tetrachloride	SW-846:8260B	ug/L	38	0	0	1	1	1	38	100	-	-	0	0	0	0	5	MCL	6	-	-	-
Chloro-1,3-butadiene[2-]	SW-846:8260B	ug/L	32	0	0	1	1	1	32	100	-	-	0	0	0	0	14.31373	Reg6	6	-	-	-
Chloro-1-propene[3-]	SW-846:8260B	ug/L	32	0	0	5	5	5	32	100	-	-	0	0	0	0	1825	Reg6	6	-	-	-
Chlorobenzene	SW-846:8260B	ug/L	38	0	0	1	1	1	38	100	-	-	0	0	0	0	100	MCL	6	-	-	-
Chlorodibromomethane	SW-846:8260B	ug/L	38	0	0	1	1	1	38	100	-	-	0	0	0	0	7.891034	Reg6	6	-	-	-
Chloroethane	SW-846:8260B	ug/L	36	0	0	1	1	1	36	100	-	-	0	0	0	0	228.5679	Reg6	6	-	-	-
Chloroethyl vinyl ether[2-]	EPA:624	ug/L	4	0	0	5	5	5	4	100	-	-	0	0	0	0	-	-	3	-	-	-
Chloroethyl vinyl ether[2-]	SW-846:8260B	ug/L	2	0	0	5	5	5	2	100	-	-	0	0	0	0	-	-	1	-	-	-
Chloroform	SW-846:8260B	ug/L	38	0	0	1	1	1	38	100	-	-	0	0	0	0	60	MCL	6	-	-	-
Chloromethane	SW-846:8260B	ug/L	38	0	0	1	1.00789	1.3	38	100	-	-	0	0	0	0	21.34503	Reg6	6	-	-	-
Chlorotoluene[2-]	SW-846:8260B	ug/L	38	0	0	1	1	1	38	100	-	-	0	0	0	0	121.6667	Reg6	6	-	-	-
Chlorotoluene[4-]	SW-846:8260B	ug/L	38	0	0	1	1	1	38	100	-	-	0	0	0	0	-	-	6	-	-	-
Dibromo-3-Chloropropane[1,2-]	SW-846:8260B	ug/L	38	0	0	1	1	1	38	100	-	-	38	0	0	0	0.2	MCL	6	-	-	-
Dibromoethane[1,2-]	SW-846:8260B	ug/L	38	0	0	1	1	1	38	100	-	-	38	0	0	0	0.05	MCL	6	-	-	-
Dibromomethane	SW-846:8260B	ug/L	38	0	0	1	1	1	38	100	-	-	0	0	0	0	60.83333	Reg6	6	-	-	-
Dichlorobenzene[1,2-]	SW-846:8260B	ug/L	38	0	0	1	1	1	38	100	-	-	0	0	0	0	-	-	6	-	-	-
Dichlorobenzene[1,3-]	SW-846:8260B	ug/L	38	0	0	1	1	1	38	100	-	-	0	0	0	0	-	-	6	-	-	-
Dichlorobenzene[1,4-]	SW-846:8260B	ug/L	38	0	0	1	1	1	38	100	-	-	0	0	0	0	-	-	6	-	-	-
Dichlorodifluoromethane	SW-846:8260B	ug/L	38	0	0	1	1	1	38	100	-	-	0	0	0	0	394.5946	Reg6	6	-	-	-
Dichloroethane[1,1-]	SW-846:8260B	ug/L	38	0	0	1	1	1	38	100	-	-	0	0	0	0	25	NMGSU	6	-	-	-
Dichloroethane[1,2-]	SW-846:8260B	ug/L	38	0	0	1	1	1	38	100	-	-	0	0	0	0	5	MCL	6	-	-	-
Dichloroethene[1,1-]	SW-846:8260B	ug/L	38	0	0	1	1	1	38	100	-	-	0	0	0	0	5	NMGSU	6	-	-	-
Dichloroethene[cis-1,2-]	SW-846:8260B	ug/L	37	0	0	1	1	1	37	100	-	-	0	0	0	0	70	MCL	6	-	-	-
Dichloroethene[trans-1,2-]	SW-846:8260B	ug/L	38	0	0	1	1	1	38	100	-	-	0	0	0	0	100	MCL	6	-	-	-
Dichloropropane[1,2-]	SW-846:8260B	ug/L	38	0	0	1	1	1	38	100	-	-	0	0	0	0	5	MCL	6	-	-	-
Dichloropropane[1,3-]	SW-846:8260B	ug/L	38	0	0	1	1	1	38	100	-	-	0	0	0	0	-	-	6	-	-	-
Dichloropropane[2,2-]	SW-846:8260B	ug/L	38	0	0	1	1	1	38	100	-	-	0	0	0	0	-	-	6	-	-	-
Dichloropropene[1,1-]	SW-846:8260B	ug/L	38	0	0	1	1	1	38	100	-	-	0	0	0	0	-	-	6	-	-	-
Dichloropropene[cis/trans-1,3-]	SW-846:8260B	ug/L	5	0	0	1	1	1	5	100	-	-	0	0	0	0	6.709735	Reg6	3	-	-	-
Dichloropropene[cis-1,3-]	SW-846:8260B	ug/L	38	0	0	1	1	1	38	100	-	-	0	0	0	0	-	-	6	-	-	-
Dichloropropene[trans-1,3-]	SW-846:8260B	ug/L	38	0	0	1	1	1	38	100	-	-	0	0	0	0	-	-	6	-	-	-
Diethyl Ether	SW-846:8260B	ug/L	12	0	0	1	1	1	12	100	-	-	0	0	0	0	-	-	5	-	-	-

Table B-2
Screening Table for Sandia Watershed

Analyte	Method	Units	No. of Analyses	No. of Detects	D Rate %	Min	Mean	Max	No. of Non-detects	ND Rate %	BV	D> BV	ND> Std	D> Std	D> Std/2	D>Std/2 Rate %	Level	Std Type	Locations with Data (number)	D>Std (number of locations)	D>Std/2 (number of locations)	D>Std Stations
Ethyl Methacrylate	SW-846:8260B	ug/L	32	0	0	5	5	5	32	100	-	-	0	0	0	0	547.5	Reg6	6	-	-	-
Ethylbenzene	SW-846:8260B	ug/L	38	0	0	1	1	1	38	100	-	-	0	0	0	0	700	MCL	6	-	-	-
Hexachlorobutadiene	SW-846:8260B	ug/L	33	0	0	1	1	1	33	100	-	-	0	0	0	0	-	-	6	-	-	-
Hexanone[2-]	SW-846:8260B	ug/L	38	0	0	5	5	5	38	100	-	-	0	0	0	0	-	-	6	-	-	-
Iodomethane	SW-846:8260B	ug/L	38	0	0	5	5	5	38	100	-	-	0	0	0	0	-	-	6	-	-	-
Isobutyl alcohol	SW-846:8260B	ug/L	27	0	0	50	50	50	27	100	-	-	0	0	0	0	1825	Reg6	6	-	-	-
Isopropylbenzene	SW-846:8260B	ug/L	38	0	0	1	1	1	38	100	-	-	0	0	0	0	658.1967	Reg6	6	-	-	-
Isopropyltoluene[4-]	SW-846:8260B	ug/L	38	0	0	1	1	1	38	100	-	-	0	0	0	0	-	-	6	-	-	-
Methacrylonitrile	SW-846:8260B	ug/L	32	0	0	5	5	5	32	100	-	-	32	0	0	0	1.042857	Reg6	6	-	-	-
Methyl Methacrylate	SW-846:8260B	ug/L	32	0	0	5	5	5	32	100	-	-	0	0	0	0	1419.444	Reg6	6	-	-	-
Methyl tert-Butyl Ether	SW-846:8260B	ug/L	12	0	0	1	1	1	12	100	-	-	0	0	0	0	370.8305	Reg6	5	-	-	-
Methyl-2-pentanone[4-]	SW-846:8260B	ug/L	38	1	3	4.66	4.66	4.66	37	97	-	-	0	0	0	0	1990.909	Reg6	6	-	-	-
Methylene Chloride	SW-846:8260B	ug/L	38	0	0	2.8	4.94211	5	38	100	-	-	0	0	0	0	5	MCL	6	-	-	-
Naphthalene	SW-846:8260B	ug/L	30	0	0	1	1	1	30	100	-	-	0	0	0	0	-	-	6	-	-	-
Propionitrile	SW-846:8260B	ug/L	32	0	0	5	5	5	32	100	-	-	0	0	0	0	-	-	6	-	-	-
Propylbenzene[1-]	SW-846:8260B	ug/L	38	0	0	1	1	1	38	100	-	-	0	0	0	0	60.83333	Reg6	6	-	-	-
Styrene	SW-846:8260B	ug/L	38	0	0	1	1	1	38	100	-	-	0	0	0	0	100	MCL	6	-	-	-
Tetrachloroethane[1,1,1,2-]	SW-846:8260B	ug/L	38	0	0	1	1	1	38	100	-	-	0	0	0	0	25.49549	Reg6	6	-	-	-
Tetrachloroethane[1,1,2,2-]	SW-846:8260B	ug/L	38	0	0	1	1	1	38	100	-	-	0	0	0	0	10	NMGSU	6	-	-	-
Tetrachloroethene	SW-846:8260B	ug/L	38	0	0	1	1	1	38	100	-	-	0	0	0	0	5	MCL	6	-	-	-
Toluene	SW-846:8260B	ug/L	38	3	8	0.26	8.69867	25.3	35	92	-	-	0	0	0	0	750	NMGSU	6	-	-	-
Trichloro-1,2,2-trifluoroethane[1,1,2-]	SW-846:8260B	ug/L	38	0	0	5	5	5	38	100	-	-	0	0	0	0	59179.86	Reg6	6	-	-	-
Trichlorobenzene[1,2,3-]	SW-846:8260B	ug/L	29	0	0	1	1	1	29	100	-	-	0	0	0	0	-	-	6	-	-	-
Trichlorobenzene[1,2,4-]	SW-846:8260B	ug/L	32	0	0	1	1	1	32	100	-	-	0	0	0	0	-	-	6	-	-	-
Trichloroethane[1,1,1-]	SW-846:8260B	ug/L	38	0	0	1	1	1	38	100	-	-	0	0	0	0	60	NMGSU	6	-	-	-
Trichloroethane[1,1,2-]	SW-846:8260B	ug/L	38	0	0	1	1	1	38	100	-	-	0	0	0	0	5	MCL	6	-	-	-
Trichloroethene	SW-846:8260B	ug/L	38	0	0	1	1	1	38	100	-	-	0	0	0	0	5	MCL	6	-	-	-
Trichlorofluoromethane	SW-846:8260B	ug/L	38	0	0	1	1	1	38	100	-	-	0	0	0	0	5	MCL	6	-	-	-
Trichloropropane[1,2,3-]	SW-846:8260B	ug/L	38	0	0	1	1	1	38	100	-	-	38	0	0	0	0.09469241	Reg6	6	-	-	-
Trimethylbenzene[1,2,4-]	SW-846:8260B	ug/L	38	0	0	1	1	1	38	100	-	-	0	0	0	0	12.42906	Reg6	6	-	-	-
Trimethylbenzene[1,3,5-]	SW-846:8260B	ug/L	38	0	0	1	1	1	38	100	-	-	0	0	0	0	12.32618	Reg6	6	-	-	-
Vinyl acetate	SW-846:8260B	ug/L	32	0	0	5	5	5	32	100	-	-	0	0	0	0	412.4294	Reg6	6	-	-	-
Vinyl Chloride	SW-846:8260B	ug/L	38	0	0	1	1	1	38	100	-	-	0	0	0	0	1	NMGSU	6	-	-	-
Xylene (Total)	SW-846:8260B	ug/L	6	0	0	1	1	1	6	100	-	-	0	0	0	0	10000	MCL	2	-	-	-
Xylene[1,2-]	SW-846:8260B	ug/L	34	0	0	1	1	1	34	100	-	-	0	0	0	0	1431.373	Reg6	6	-	-	-
Xylene[1,3-]+Xylene[1,4-]	SW-846:8260B	ug/L	34	0	0	2	2	2	34	100	-	-	0	0	0	0	-	-	6	-	-	-
Sandia, RAD, F, Ephemeral																						
Americium-241	HASL-300:AM-241	pCi/L	14	1	7	2.79	2.79	2.79	13	93	-	-	0	0	0	0	20	NMRPS	2	-	-	-
Cesium-137	EPA:901.1	pCi/L	14	0	0	-2.9	0.69015	2.95	14	100	-	-	0	0	0	0	40	BCG	2	-	-	-
Cobalt-60	EPA:901.1	pCi/L	14	0	0	-2.11	-0.1038	0.837	14	100	-	-	0	0	0	0	3000	NMRPS	2	-	-	-
Gross alpha	EPA:900	pCi/L	14	0	0	-0.318	0.38369	1.29	14	100	-	-	0	0	0	0	-	-	2	-	-	-
Gross beta	EPA:900	pCi/L	14	14	100	5.33	15.4793	29.5	0	0	-	-	0	0	0	0	-	-	2	-	-	-
Gross gamma	EPA:901.1	pCi/L	14	0	0	55.6	101.021	282	14	100	-	-	0	0	0	0	-	-	2	-	-	-
Neptunium-237	EPA:901.1	pCi/L	14	0	0	-22.2	-4.3308	12.9	14	100	-	-	0	0	0	0	20	NMRPS	2	-	-	-
Plutonium-238	HASL-300:ISOPU	pCi/L	14	1	7	2.8	2.8	2.8	13	93	-	-	0	0	0	0	20	NMRPS	2	-	-	-
Plutonium-239/240	HASL-300:ISOPU	pCi/L	14	1	7	3.99	3.99	3.99	13	93	-	-	0	0	0	0	20	NMRPS	2	-	-	-
Potassium-40	EPA:901.1	pCi/L	7	0	0	-22.3	12.9529	45.4	7	100	-	-	0	0	0	0	4000	NMRPS	2	-	-	-
Sodium-22	EPA:901.1	pCi/L	14	0	0	-1.58	-0.0796	1.51	14	100	-	-	0	0	0	0	6000	NMRPS	2	-	-	-
Strontium-90	EPA:905.0	pCi/L	14	0	0	-0.37	-0.0174	0.353	14	100	-	-	0	0	0	0	300	BCG	2	-	-	-
Uranium-234	HASL-300:ISOU	pCi/L	14	14	100	0.196	0.48136	0.919	0	0	-	-	0	0	0	0	200	BCG	2	-	-	-
Uranium-235/Uranium-236	HASL-300:ISOU	pCi/L	14	1	7	0.0491	0.0491	0.0491	13	93	-	-	0	0	0	0	-	-	2	-	-	-
Uranium-238	HASL-300:ISOU	pCi/L	14	14	100	0.157	0.28314	0.555	0	0	-	-	0	0	0	0	200	BCG	2	-	-	-
Sandia, RAD, UF, Ephemeral																						
Americium-241	HASL-300:AM-241	pCi/L	15	0	0	-0.0407	-0.0026	0.0116	15	100	-	-	0	0	0	0	20	NMRPS	2	-	-	-
Cesium-137	EPA:901.1	pCi/L	14	0	0	-2.35	-0.0785	2.34	14	100	-	-	0	0	0	0	40	BCG	2	-	-	-

Table B-2
Screening Table for Sandia Watershed

Analyte	Method	Units	No. of Analyses	No. of Detects	D Rate %	Min	Mean	Max	No. of Non-detects	ND Rate %	BV	D> BV	ND> Std	D> Std	D> Std/2	D>Std/2 Rate %	Level	Std Type	Locations with Data (number)	D>Std (number of locations)	D>Std/2 (number of locations)	D>Std Stations
Cobalt-60	EPA:901.1	pCi/L	14	0	0	-1.55	0.59807	2.04	14	100	-	-	0	0	0	0	3000	NMRPS	2	-	-	-
Gross alpha	EPA:900	pCi/L	15	3	20	3.55	6.69333	12.4	12	80	-	-	0	0	0	0	-	-	2	-	-	-
Gross beta	EPA:900	pCi/L	15	15	100	6.97	13.152	20.4	0	0	-	-	0	0	0	0	-	-	2	-	-	-
Gross gamma	EPA:901.1	pCi/L	14	0	0	32.9	69.6	100	14	100	-	-	0	0	0	0	-	-	2	-	-	-
Neptunium-237	EPA:901.1	pCi/L	14	0	0	-12.9	0.43914	13.4	14	100	-	-	0	0	0	0	20	NMRPS	2	-	-	-
Plutonium-238	HASL-300:ISOPU	pCi/L	15	0	0	-0.0288	0.00395	0.0405	15	100	-	-	0	0	0	0	20	NMRPS	2	-	-	-
Plutonium-239/240	HASL-300:ISOPU	pCi/L	15	0	0	-0.121	-0.0094	0.00963	15	100	-	-	0	0	0	0	20	NMRPS	2	-	-	-
Potassium-40	EPA:901.1	pCi/L	10	0	0	-31.3	13.934	50.5	10	100	-	-	0	0	0	0	4000	NMRPS	2	-	-	-
Radium-226	EPA:903.1	pCi/L	1	0	0	0.314	0.314	0.314	1	100	-	-	0	0	0	0	60	NMRPS	1	-	-	-
Sodium-22	EPA:901.1	pCi/L	13	0	0	-1.21	-0.0797	0.936	13	100	-	-	0	0	0	0	6000	NMRPS	2	-	-	-
Strontium-90	EPA:905.0	pCi/L	14	0	0	-0.294	-0.0396	0.105	14	100	-	-	0	0	0	0	300	BCG	2	-	-	-
Thorium-228	Generic:Alpha-Spec	pCi/L	1	0	0	-0.206	-0.206	-0.206	1	100	-	-	0	0	0	0	-	-	1	-	-	-
Thorium-230	Generic:Alpha-Spec	pCi/L	1	0	0	1.46	1.46	1.46	1	100	-	-	0	0	0	0	-	-	1	-	-	-
Thorium-232	Generic:Alpha-Spec	pCi/L	1	0	0	0.169	0.169	0.169	1	100	-	-	0	0	0	0	300	BCG	1	-	-	-
Tritium	Generic:LLEE	pCi/L	13	13	100	10.6646	32.7528	121.015	0	0	-	-	0	0	0	0	1000000	NMRPS	2	-	-	-
Uranium-234	HASL-300:ISOU	pCi/L	15	14	93	0.202	0.4525	0.888	1	7	-	-	0	0	0	0	200	BCG	2	-	-	-
Uranium-235/Uranium-236	HASL-300:ISOU	pCi/L	15	0	0	0.00478	0.03452	0.155	15	100	-	-	0	0	0	0	-	-	2	-	-	-
Uranium-238	HASL-300:ISOU	pCi/L	15	14	93	0.168	0.27907	0.528	1	7	-	-	0	0	0	0	200	BCG	2	-	-	-
Sandia, RAD, F, Perennial																						
Americium-241	HASL-300:AM-241	pCi/L	6	1	17	0.0232	0.0232	0.0232	5	83	-	-	0	0	0	0	20	NMRPS	1	-	-	-
Cesium-137	EPA:901.1	pCi/L	6	0	0	-0.0841	0.55898	2.06	6	100	-	-	0	0	0	0	40	BCG	1	-	-	-
Cobalt-60	EPA:901.1	pCi/L	6	0	0	-2.32	0.0055	1.54	6	100	-	-	0	0	0	0	3000	NMRPS	1	-	-	-
Gross alpha	EPA:900	pCi/L	6	0	0	-0.797	0.14033	0.757	6	100	-	-	0	0	0	0	-	-	1	-	-	-
Gross beta	EPA:900	pCi/L	6	6	100	8.85	12.9033	16.5	0	0	-	-	0	0	0	0	-	-	1	-	-	-
Gross gamma	EPA:901.1	pCi/L	6	0	0	39.4	65.1167	92	6	100	-	-	0	0	0	0	-	-	1	-	-	-
Neptunium-237	EPA:901.1	pCi/L	6	0	0	-13.9	-0.4617	25.4	6	100	-	-	1	0	0	0	20	NMRPS	1	-	-	-
Plutonium-238	HASL-300:ISOPU	pCi/L	6	0	0	-0.039	-0.002	0.0244	6	100	-	-	0	0	0	0	20	NMRPS	1	-	-	-
Plutonium-239/240	HASL-300:ISOPU	pCi/L	6	1	17	0.0348	0.0348	0.0348	5	83	-	-	0	0	0	0	20	NMRPS	1	-	-	-
Potassium-40	EPA:901.1	pCi/L	6	0	0	-16.2	19.3983	36.5	6	100	-	-	0	0	0	0	4000	NMRPS	1	-	-	-
Sodium-22	EPA:901.1	pCi/L	6	0	0	-1.31	0.05753	1.02	6	100	-	-	0	0	0	0	6000	NMRPS	1	-	-	-
Strontium-90	EPA:905.0	pCi/L	6	0	0	-0.291	-0.0446	0.153	6	100	-	-	0	0	0	0	300	BCG	1	-	-	-
Uranium-234	HASL-300:ISOU	pCi/L	6	6	100	0.121	0.24533	0.412	0	0	-	-	0	0	0	0	200	BCG	1	-	-	-
Uranium-235/Uranium-236	HASL-300:ISOU	pCi/L	6	0	0	0	0.01908	0.0284	6	100	-	-	0	0	0	0	-	-	1	-	-	-
Uranium-238	HASL-300:ISOU	pCi/L	6	5	83	0.0878	0.16596	0.222	1	17	-	-	0	0	0	0	200	BCG	1	-	-	-
Sandia, RAD, UF, Perennial																						
Americium-241	Generic:Alpha-Spec	pCi/L	3	1	33	0.00665	0.00665	0.00665	2	67	-	-	0	0	0	0	20	NMRPS	1	-	-	-
Americium-241	HASL-300:AM-241	pCi/L	7	0	0	-0.0072	0.00325	0.013	7	100	-	-	0	0	0	0	20	NMRPS	1	-	-	-
Cesium-137	EPA:901.1	pCi/L	9	0	0	-1.52	-0.6212	0.943	9	100	-	-	0	0	0	0	40	BCG	1	-	-	-
Cobalt-60	EPA:901.1	pCi/L	9	0	0	-1.52	0.35567	2	9	100	-	-	0	0	0	0	3000	NMRPS	1	-	-	-
Gross alpha	EPA:900	pCi/L	10	1	10	1.86	1.86	1.86	9	90	-	-	0	0	0	0	-	-	1	-	-	-
Gross beta	EPA:900	pCi/L	10	10	100	5.2	15.754	42.9	0	0	-	-	0	0	0	0	-	-	1	-	-	-
Gross gamma	EPA:901.1	pCi/L	9	0	0	56.3	119.344	343	9	100	-	-	0	0	0	0	-	-	1	-	-	-
Neptunium-237	EPA:901.1	pCi/L	9	0	0	-18	5.25	31.4	9	100	-	-	1	0	0	0	20	NMRPS	1	-	-	-
Plutonium-238	Generic:Alpha-Spec	pCi/L	3	1	33	0.0575	0.0575	0.0575	2	67	-	-	0	0	0	0	20	NMRPS	1	-	-	-
Plutonium-238	HASL-300:ISOPU	pCi/L	7	0	0	-0.0096	0.0024	0.0225	7	100	-	-	0	0	0	0	20	NMRPS	1	-	-	-
Plutonium-239/240	Generic:Alpha-Spec	pCi/L	3	0	0	-0.0042	0.02022	0.0575	3	100	-	-	0	0	0	0	20	NMRPS	1	-	-	-
Plutonium-239/240	HASL-300:ISOPU	pCi/L	7	0	0	-0.0079	0.00205	0.00958	7	100	-	-	0	0	0	0	20	NMRPS	1	-	-	-
Potassium-40	EPA:901.1	pCi/L	9	1	11	68.8	68.8	68.8	8	89	-	-	0	0	0	0	4000	NMRPS	1	-	-	-
Radium-226	EPA:903.1	pCi/L	4	1	25	0.347	0.347	0.347	3	75	-	-	0	0	0	0	60	NMRPS	1	-	-	-
Sodium-22	EPA:901.1	pCi/L	9	0	0	-1.23	-0.3611	0.854	9	100	-	-	0	0	0	0	6000	NMRPS	1	-	-	-
Strontium-90	EPA:905.0	pCi/L	6	0	0	-0.357	-0.0605	0.276	6	100	-	-	0	0	0	0	300	BCG	1	-	-	-
Strontium-90	Generic:Gas Flow Proportional C	pCi/L	3	1	33	0.223	0.223	0.223	2	67	-	-	0	0	0	0	300	BCG	1	-	-	-
Thorium-228	Generic:Alpha-Spec	pCi/L	4	0	0	0.0164	0.05448	0.115	4	100	-	-	0	0	0	0	-	-	1	-	-	-
Thorium-230	Generic:Alpha-Spec	pCi/L	4	0	0	0.0331	0.08253	0.158	4	100	-	-	0	0	0	0	-	-	1	-	-	-
Thorium-232	Generic:Alpha-Spec	pCi/L	4	0	0	0.00675	0.03489	0.0868	4	100	-	-	0	0	0	0	300	BCG	1	-	-	-

Table B-2
Screening Table for Sandia Watershed

Analyte	Method	Units	No. of Analyses	No. of Detects	D Rate %	Min	Mean	Max	No. of Non-detects	ND Rate %	BV	D> BV	ND> Std	D> Std	D> Std/2	D>Std/2 Rate %	Level	Std Type	Locations with Data (number)	D>Std (number of locations)	D>Std/2 (number of locations)	D>Std Stations
Tritium	EPA:906.0	pCi/L	4	0	0	*-33*	*38.75*	*121*	4	100	-	-	0	0	0	0	1000000	NMRPS	1	-	-	-
Tritium	Generic:LLEE	pCi/L	5	5	100	18.1362	24.2221	29.6949	0	0	-	-	0	0	0	0	1000000	NMRPS	1	-	-	-
Uranium-234	Generic:Alpha-Spec	pCi/L	3	3	100	0.123	0.19967	0.272	0	0	-	-	0	0	0	0	200	BCG	1	-	-	-
Uranium-234	HASL-300:ISOU	pCi/L	7	7	100	0.162	0.27729	0.397	0	0	-	-	0	0	0	0	200	BCG	1	-	-	-
Uranium-235/Uranium-236	Generic:Alpha-Spec	pCi/L	3	2	67	0.0222	0.0335	0.0448	1	33	-	-	0	0	0	0	-	-	1	-	-	-
Uranium-235/Uranium-236	HASL-300:ISOU	pCi/L	7	0	0	*0*	*0.01395*	*0.0283*	7	100	-	-	0	0	0	0	-	-	1	-	-	-
Uranium-238	Generic:Alpha-Spec	pCi/L	3	3	100	0.123	0.13767	0.15	0	0	-	-	0	0	0	0	200	BCG	1	-	-	-
Uranium-238	HASL-300:ISOU	pCi/L	7	7	100	0.0943	0.19376	0.317	0	0	-	-	0	0	0	0	200	BCG	1	-	-	-
Sandia, RAD, F, Alluvial																						
Americium-241	HASL-300:AM-241	pCi/L	6	0	0	*-0.0287*	*-0.0089*	*0.00081*	6	100	-	-	0	0	0	0	20	NMRPS	4	-	-	-
Cesium-137	EPA:901.1	pCi/L	6	0	0	*-2*	*-0.3415*	*0.489*	6	100	-	-	0	0	0	0	1000	NMRPS	4	-	-	-
Cobalt-60	EPA:901.1	pCi/L	6	0	0	*-1.67*	*0.2475*	*1.47*	6	100	-	-	0	0	0	0	3000	NMRPS	4	-	-	-
Gross alpha	EPA:900	pCi/L	6	1	17	2.61	2.61	2.61	5	83	-	-	0	0	0	0	15	MCL	4	-	-	-
Gross beta	EPA:900	pCi/L	6	6	100	2.57	7.22167	13.4	0	0	-	-	0	0	0	0	50	SMCL	4	-	-	-
Gross gamma	EPA:901.1	pCi/L	6	0	0	*77.9*	*101.45*	*121*	6	100	-	-	0	0	0	0	-	-	4	-	-	-
Neptunium-237	EPA:901.1	pCi/L	6	0	0	*-8.53*	*2.46833*	*11.2*	6	100	-	-	0	0	0	0	20	NMRPS	4	-	-	-
Plutonium-238	HASL-300:ISOPU	pCi/L	6	0	0	*-0.0112*	*-0.0027*	*0.0119*	6	100	-	-	0	0	0	0	20	NMRPS	4	-	-	-
Plutonium-239/240	HASL-300:ISOPU	pCi/L	6	0	0	*-0.0114*	*0.00024*	*0.00715*	6	100	-	-	0	0	0	0	20	NMRPS	4	-	-	-
Potassium-40	EPA:901.1	pCi/L	5	0	0	*3.16*	*18.872*	*29.5*	5	100	-	-	0	0	0	0	4000	NMRPS	3	-	-	-
Sodium-22	EPA:901.1	pCi/L	6	0	0	*-0.945*	*1.16383*	*3.41*	6	100	-	-	0	0	0	0	6000	NMRPS	4	-	-	-
Strontium-90	EPA:905.0	pCi/L	6	1	17	0.152	0.152	0.152	5	83	-	-	0	0	0	0	8	MCL	4	-	-	-
Uranium-234	HASL-300:ISOU	pCi/L	6	6	100	0.148	0.28033	0.841	0	0	-	-	0	0	0	0	300	NMRPS	4	-	-	-
Uranium-235/Uranium-236	HASL-300:ISOU	pCi/L	6	0	0	*0.0112*	*0.01452*	*0.0168*	6	100	-	-	0	0	0	0	-	-	4	-	-	-
Uranium-238	HASL-300:ISOU	pCi/L	6	6	100	0.117	0.17117	0.385	0	0	-	-	0	0	0	0	300	NMRPS	4	-	-	-
Sandia, RAD, UF, Alluvial																						
Americium-241	HASL-300:AM-241	pCi/L	5	0	0	*-0.0096*	*0.00028*	*0.0128*	5	100	-	-	0	0	0	0	20	NMRPS	3	-	-	-
Cesium-137	EPA:901.1	pCi/L	5	0	0	*-1.62*	*-0.5602*	*0.441*	5	100	-	-	0	0	0	0	1000	NMRPS	3	-	-	-
Cobalt-60	EPA:901.1	pCi/L	5	0	0	*-0.408*	*0.336*	*1.76*	5	100	-	-	0	0	0	0	3000	NMRPS	3	-	-	-
Gross alpha	EPA:900	pCi/L	5	1	20	5.47	5.47	5.47	4	80	-	-	0	0	0	0	15	MCL	3	-	-	-
Gross beta	EPA:900	pCi/L	5	5	100	3.21	7.82	11	0	0	-	-	0	0	0	0	50	SMCL	3	-	-	-
Gross gamma	EPA:901.1	pCi/L	5	0	0	*64.5*	*87.48*	*126*	5	100	-	-	0	0	0	0	-	-	3	-	-	-
Neptunium-237	EPA:901.1	pCi/L	5	0	0	*-5.11*	*7.766*	*25.4*	5	100	-	-	1	0	0	0	20	NMRPS	3	-	-	-
Plutonium-238	HASL-300:ISOPU	pCi/L	5	0	0	*-0.0189*	*-0.0076*	*0.00215*	5	100	-	-	0	0	0	0	20	NMRPS	3	-	-	-
Plutonium-239/240	HASL-300:ISOPU	pCi/L	5	1	20	0.018	0.018	0.018	4	80	-	-	0	0	0	0	20	NMRPS	3	-	-	-
Potassium-40	EPA:901.1	pCi/L	4	0	0	*4.28*	*24.62*	*45.2*	4	100	-	-	0	0	0	0	4000	NMRPS	2	-	-	-
Sodium-22	EPA:901.1	pCi/L	5	0	0	*-1.8*	*-0.09*	*2.26*	5	100	-	-	0	0	0	0	6000	NMRPS	3	-	-	-
Strontium-90	EPA:905.0	pCi/L	5	0	0	*-0.0801*	*0.0017*	*0.0835*	5	100	-	-	0	0	0	0	8	MCL	3	-	-	-
Tritium	Generic:LLEE	pCi/L	5	5	100	25.8314	53.636	103.134	0	0	-	-	0	0	0	0	20000	MCL	4	-	-	-
Uranium-234	HASL-300:ISOU	pCi/L	5	5	100	0.148	0.408	1.12	0	0	-	-	0	0	0	0	300	NMRPS	3	-	-	-
Uranium-235/Uranium-236	HASL-300:ISOU	pCi/L	5	1	20	0.0364	0.0364	0.0364	4	80	-	-	0	0	0	0	-	-	3	-	-	-
Uranium-238	HASL-300:ISOU	pCi/L	5	5	100	0.141	0.3036	0.621	0	0	-	-	0	0	0	0	300	NMRPS	3	-	-	-
Sandia, RAD, F, Intermediate																						
Americium-241	HASL-300:AM-241	pCi/L	5	0	0	*-0.0072*	*0.00072*	*0.00391*	5	100	-	-	0	0	0	0	20	NMRPS	2	-	-	-
Cesium-137	EPA:901.1	pCi/L	5	0	0	*-0.509*	*0.8648*	*3.53*	5	100	-	-	0	0	0	0	1000	NMRPS	2	-	-	-
Cobalt-60	EPA:901.1	pCi/L	5	0	0	*-0.907*	*-0.192*	*0.467*	5	100	-	-	0	0	0	0	3000	NMRPS	2	-	-	-
Gross alpha	EPA:900	pCi/L	5	4	80	1.17	2.7675	3.73	1	20	-	-	0	0	0	0	15	MCL	2	-	-	-
Gross beta	EPA:900	pCi/L	5	3	60	3.33	3.54	3.8	2	40	-	-	0	0	0	0	50	SMCL	2	-	-	-
Gross gamma	EPA:901.1	pCi/L	5	0	0	*40.8*	*135.14*	*355*	5	100	-	-	0	0	0	0	-	-	2	-	-	-
Neptunium-237	EPA:901.1	pCi/L	4	0	0	*-7.15*	*0.15525*	*8.26*	4	100	-	-	0	0	0	0	20	NMRPS	2	-	-	-
Plutonium-238	HASL-300:ISOPU	pCi/L	5	0	0	*-0.0051*	*0.00338*	*0.0104*	5	100	-	-	0	0	0	0	20	NMRPS	2	-	-	-
Plutonium-239/240	HASL-300:ISOPU	pCi/L	5	0	0	*0*	*0.00536*	*0.0128*	5	100	-	-	0	0	0	0	20	NMRPS	2	-	-	-
Potassium-40	EPA:901.1	pCi/L	4	1	25	58	58	58	3	75	-	-	0	0	0	0	4000	NMRPS	2	-	-	-
Sodium-22	EPA:901.1	pCi/L	5	0	0	*-2.81*	*0.043*	*1.53*	5	100	-	-	0	0	0	0	6000	NMRPS	2	-	-	-
Strontium-90	EPA:905.0	pCi/L	5	0	0	*-0.299*	*-0.1086*	*0.0853*	5	100	-	-	0	0	0	0	8	MCL	2	-	-	-
Uranium-234	HASL-300:ISOU	pCi/L	5	4	80	1.75	1.88	2.17	1	20	-	-	0	0	0	0	300	NMRPS	2	-	-	-

Table B-2
Screening Table for Sandia Watershed

Analyte	Method	Units	No. of Analyses	No. of Detects	D Rate %	Min	Mean	Max	No. of Non-detects	ND Rate %	BV	D> BV	ND> Std	D> Std	D> Std/2	D>Std/2 Rate %	Level	Std Type	Locations with Data (number)	D>Std (number of locations)	D>Std/2 (number of locations)	D>Std Stations
Uranium-235/Uranium-236	HASL-300:ISOU	pCi/L	5	2	40	0.0733	0.08265	0.092	3	60	-	-	0	0	0	0	-	-	2	-	-	-
Uranium-238	HASL-300:ISOU	pCi/L	5	4	80	0.814	0.89825	1.01	1	20	-	-	0	0	0	0	300	NMRPS	2	-	-	-
Sandia, RAD, UF, Intermediate																						
Americium-241	Generic:Alpha-Spec	pCi/L	5	2	40	0.017	0.02115	0.0253	3	60	-	-	0	0	0	0	20	NMRPS	1	-	-	-
Americium-241	HASL-300:AM-241	pCi/L	5	0	0	-0.0116	0.00336	0.0138	5	100	-	-	0	0	0	0	20	NMRPS	2	-	-	-
Cesium-137	EPA:901.1	pCi/L	9	0	0	-1.1	0.25007	3.23	9	100	-	-	0	0	0	0	1000	NMRPS	2	-	-	-
Cobalt-60	EPA:901.1	pCi/L	10	0	0	-0.679	0.8338	2.6	10	100	-	-	0	0	0	0	3000	NMRPS	2	-	-	-
Gross alpha	EPA:900	pCi/L	10	3	30	2.49	4.35667	5.58	7	70	-	-	0	0	0	0	15	MCL	2	-	-	-
Gross beta	EPA:900	pCi/L	10	5	50	2.77	3.324	4.5	5	50	-	-	0	0	0	0	50	SMCL	2	-	-	-
Gross gamma	EPA:901.1	pCi/L	10	0	0	68.5	266.02	1560	10	100	-	-	0	0	0	0	-	-	2	-	-	-
Neptunium-237	EPA:901.1	pCi/L	10	0	0	-17.9	3.795	30.1	10	100	-	-	2	0	0	0	20	NMRPS	2	-	-	-
Plutonium-238	Generic:Alpha-Spec	pCi/L	5	2	40	0	9.5E-11	1.9E-10	3	60	-	-	0	0	0	0	20	NMRPS	1	-	-	-
Plutonium-238	HASL-300:ISOPU	pCi/L	5	0	0	-0.0087	0.00135	0.0103	5	100	-	-	0	0	0	0	20	NMRPS	2	-	-	-
Plutonium-239/240	Generic:Alpha-Spec	pCi/L	5	0	0	-0.0148	-0.0026	0.007	5	100	-	-	0	0	0	0	20	NMRPS	1	-	-	-
Plutonium-239/240	HASL-300:ISOPU	pCi/L	5	0	0	-0.0029	0.00301	0.018	5	100	-	-	0	0	0	0	20	NMRPS	2	-	-	-
Potassium-40	EPA:901.1	pCi/L	9	0	0	-17.3	17.8233	61.8	9	100	-	-	0	0	0	0	4000	NMRPS	2	-	-	-
Radium-226	EPA:903.1	pCi/L	5	0	0	0	0.1474	0.242	5	100	-	-	0	0	0	0	5	MCL	1	-	-	-
Sodium-22	EPA:901.1	pCi/L	10	0	0	-0.857	0.42297	2.06	10	100	-	-	0	0	0	0	6000	NMRPS	2	-	-	-
Strontium-90	EPA:905.0	pCi/L	5	0	0	-0.244	-0.0248	0.0951	5	100	-	-	0	0	0	0	8	MCL	2	-	-	-
Strontium-90	Generic:Gas Flow Proportional Counting	pCi/L	5	0	0	-0.0107	0.04712	0.0991	5	100	-	-	0	0	0	0	8	MCL	1	-	-	-
Thorium-228	Generic:Alpha-Spec	pCi/L	5	1	20	0.0659	0.0659	0.0659	4	80	-	-	0	0	0	0	-	-	1	-	-	-
Thorium-230	Generic:Alpha-Spec	pCi/L	5	2	40	0.0179	0.02995	0.042	3	60	-	-	0	0	0	0	-	-	1	-	-	-
Thorium-232	Generic:Alpha-Spec	pCi/L	5	1	20	0.0353	0.0353	0.0353	4	80	-	-	0	0	0	0	-	-	1	-	-	-
Tritium	EPA:906.0	pCi/L	5	0	0	-74.2	-6.16	170	5	100	-	-	0	0	0	0	20000	MCL	1	-	-	-
Tritium	Generic:LLEE	pCi/L	10	10	100	14.0811	116.918	161.31	0	0	-	-	0	0	0	0	20000	MCL	2	-	-	-
Uranium-234	Generic:Alpha-Spec	pCi/L	5	3	60	0.0548	0.23827	0.354	2	40	-	-	0	0	0	0	300	NMRPS	1	-	-	-
Uranium-234	HASL-300:ISOU	pCi/L	5	4	80	1.82	1.9975	2.29	1	20	-	-	0	0	0	0	300	NMRPS	2	-	-	-
Uranium-235/Uranium-236	Generic:Alpha-Spec	pCi/L	5	1	20	0.0389	0.0389	0.0389	4	80	-	-	0	0	0	0	-	-	1	-	-	-
Uranium-235/Uranium-236	HASL-300:ISOU	pCi/L	5	3	60	0.077	0.10303	0.153	2	40	-	-	0	0	0	0	-	-	2	-	-	-
Uranium-238	Generic:Alpha-Spec	pCi/L	5	2	40	0.15	0.155	0.16	3	60	-	-	0	0	0	0	300	NMRPS	1	-	-	-
Uranium-238	HASL-300:ISOU	pCi/L	5	4	80	0.813	0.93375	1.09	1	20	-	-	0	0	0	0	300	NMRPS	2	-	-	-
Sandia, RAD, F, Regional																						
Americium-241	HASL-300:AM-241	pCi/L	28	0	0	-0.0226	0.0019	0.0235	28	100	0.032	-	0	0	0	0	20	NMRPS	6	-	-	-
Cesium-137	EPA:901.1	pCi/L	28	0	0	-3	0.13822	4.26	28	100	4.45	-	0	0	0	0	1000	NMRPS	6	-	-	-
Cobalt-60	EPA:901.1	pCi/L	28	0	0	-2.73	0.09881	3.88	28	100	-	-	0	0	0	0	3000	NMRPS	6	-	-	-
Gross alpha	EPA:900	pCi/L	28	9	32	1.64	2.39333	3.1	19	68	2.54	1	0	0	0	0	15	MCL	6	-	-	-
Gross beta	EPA:900	pCi/L	28	15	54	2.64	3.92267	5.45	13	46	14.1	-	0	0	0	0	50	SMCL	6	-	-	-
Gross gamma	EPA:901.1	pCi/L	28	0	0	51	93.8036	184	28	100	123	-	0	0	0	0	-	-	6	-	-	-
Neptunium-237	EPA:901.1	pCi/L	28	0	0	-27.8	-2.4261	19.5	28	100	-	-	0	0	0	0	20	NMRPS	6	-	-	-
Plutonium-238	HASL-300:ISOPU	pCi/L	27	0	0	-0.0111	2.9E-05	0.0105	27	100	0.025	-	0	0	0	0	20	NMRPS	6	-	-	-
Plutonium-239/240	HASL-300:ISOPU	pCi/L	28	0	0	-0.0127	0.00037	0.0135	28	100	-	-	0	0	0	0	20	NMRPS	6	-	-	-
Potassium-40	EPA:901.1	pCi/L	27	0	0	-48.6	14.5126	50.2	27	100	-	-	0	0	0	0	4000	NMRPS	5	-	-	-
Sodium-22	EPA:901.1	pCi/L	28	0	0	-3.1	-0.0322	1.96	28	100	-	-	0	0	0	0	6000	NMRPS	6	-	-	-
Strontium-90	EPA:905.0	pCi/L	28	2	7	0.357	0.4285	0.5	26	93	4.49	-	0	0	0	0	8	MCL	6	-	-	-
Uranium-234	HASL-300:ISOU	pCi/L	28	28	100	0.342	0.98068	2.2	0	0	2.17	1	0	0	0	0	300	NMRPS	6	-	-	-
Uranium-235/Uranium-236	HASL-300:ISOU	pCi/L	28	7	25	0.0539	0.08596	0.128	21	75	-	-	0	0	0	0	-	-	6	-	-	-
Uranium-238	HASL-300:ISOU	pCi/L	28	28	100	0.147	0.49239	1.24	0	0	1.2	1	0	0	0	0	300	NMRPS	6	-	-	-
Sandia, RAD, UF, Regional																						
Americium-241	Generic:Alpha-Spec	pCi/L	3	1	33	0.0059	0.0059	0.0059	2	67	-	-	0	0	0	0	20	NMRPS	1	-	-	-
Americium-241	HASL-300:AM-241	pCi/L	37	0	0	-0.0231	-0.0011	0.0161	37	100	-	-	0	0	0	0	20	NMRPS	6	-	-	-
Cesium-137	EPA:901.1	pCi/L	40	0	0	-1.16	0.41851	4.83	40	100	-	-	0	0	0	0	1000	NMRPS	6	-	-	-
Cobalt-60	EPA:901.1	pCi/L	40	0	0	-2.66	0.33087	3.13	40	100	-	-	0	0	0	0	3000	NMRPS	6	-	-	-
Gross alpha	EPA:900	pCi/L	35	11	31	1.18	2.13545	3.62	24	69	-	-	0	0	0	0	15	MCL	6	-	-	-
Gross beta	EPA:900	pCi/L	35	22	63	1.78	4.73091	15.6	13	37	-	-	0	0	0	0	50	SMCL	6	-	-	-

Table B-2
Screening Table for Sandia Watershed

Analyte	Method	Units	No. of Analyses	No. of Detects	D Rate %	Min	Mean	Max	No. of Non-detects	ND Rate %	BV	D> BV	ND> Std	D> Std	D> Std/2	D>Std/2 Rate %	Level	Std Type	Locations with Data (number)	D>Std (number of locations)	D>Std/2 (number of locations)	D>Std Stations
Gross gamma	EPA:901.1	pCi/L	35	0	0	*48.2*	*102.5*	*271*	35	100	-	-	0	0	0	0	-	-	6	-	-	-
Iodine-129	HASL-300:I-129	pCi/L	14	0	0	*-0.221*	*0.1211*	*0.722*	14	100	-	-	0	0	0	0	-	-	3	-	-	-
Neptunium-237	EPA:901.1	pCi/L	34	0	0	*-37.1*	*0.26078*	*17.3*	34	100	-	-	0	0	0	0	20	NMRPS	6	-	-	-
Plutonium-238	Generic:Alpha-Spec	pCi/L	3	1	33	2.4E-10	2.4E-10	2.4E-10	2	67	-	-	0	0	0	0	20	NMRPS	1	-	-	-
Plutonium-238	HASL-300:ISOPU	pCi/L	37	0	0	*-0.022*	*-0.0017*	*0.0172*	37	100	-	-	0	0	0	0	20	NMRPS	6	-	-	-
Plutonium-239/240	Generic:Alpha-Spec	pCi/L	3	1	33	0.00611	0.00611	0.00611	2	67	-	-	0	0	0	0	20	NMRPS	1	-	-	-
Plutonium-239/240	HASL-300:ISOPU	pCi/L	36	0	0	*-0.0384*	*-0.001*	*0.0192*	36	100	-	-	0	0	0	0	20	NMRPS	6	-	-	-
Potassium-40	EPA:901.1	pCi/L	37	3	8	35.8	63.3333	105	34	92	-	-	0	0	0	0	4000	NMRPS	6	-	-	-
Radium-226	EPA:903.1	pCi/L	3	1	33	0.488	0.488	0.488	2	67	-	-	0	0	0	0	5	MCL	1	-	-	-
Sodium-22	EPA:901.1	pCi/L	40	0	0	*-2.56*	*0.35603*	*3.48*	40	100	-	-	0	0	0	0	6000	NMRPS	6	-	-	-
Strontium-90	EPA:905.0	pCi/L	37	0	0	*-0.352*	*0.00086*	*0.289*	37	100	-	-	0	0	0	0	8	MCL	6	-	-	-
Strontium-90	Generic:Gas Flow Proportional Counting	pCi/L	3	0	0	*-0.0804*	*0.02887*	*0.0894*	3	100	-	-	0	0	0	0	8	MCL	1	-	-	-
Technetium-99	HASL-300:TC99	pCi/L	14	0	0	*-0.247*	*1.06729*	*2.99*	14	100	-	-	0	0	0	0	4000	DCG	3	-	-	-
Thorium-228	Generic:Alpha-Spec	pCi/L	3	0	0	*0.00677*	*0.02322*	*0.0411*	3	100	-	-	0	0	0	0	-	-	1	-	-	-
Thorium-230	Generic:Alpha-Spec	pCi/L	3	0	0	*0.0153*	*0.06473*	*0.125*	3	100	-	-	0	0	0	0	-	-	1	-	-	-
Thorium-232	Generic:Alpha-Spec	pCi/L	3	0	0	*2.6E-10*	*0.01167*	*0.0181*	3	100	-	-	0	0	0	0	-	-	1	-	-	-
Tritium	EPA:906.0	pCi/L	5	0	0	*-103*	*-6.242*	*112*	5	100	11.43	-	0	0	0	0	20000	MCL	2	-	-	-
Tritium	Generic:LLEE	pCi/L	37	22	59	0.06386	11.9796	49.7469	15	41	11.43	2	0	0	0	0	20000	MCL	6	-	-	-
Uranium-234	Generic:Alpha-Spec	pCi/L	3	3	100	0.812	0.912	1.07	0	0	-	-	0	0	0	0	300	NMRPS	1	-	-	-
Uranium-234	HASL-300:ISOU	pCi/L	37	37	100	0.32	1.00311	2.89	0	0	-	-	0	0	0	0	300	NMRPS	6	-	-	-
Uranium-235/Uranium-236	Generic:Alpha-Spec	pCi/L	3	3	100	0.0371	0.1007	0.164	0	0	-	-	0	0	0	0	-	-	1	-	-	-
Uranium-235/Uranium-236	HASL-300:ISOU	pCi/L	37	12	32	0.0472	0.07763	0.128	25	68	-	-	0	0	0	0	-	-	6	-	-	-
Uranium-238	Generic:Alpha-Spec	pCi/L	3	3	100	0.427	0.496	0.63	0	0	-	-	0	0	0	0	300	NMRPS	1	-	-	-
Uranium-238	HASL-300:ISOU	pCi/L	37	37	100	0.196	0.52019	1.53	0	0	-	-	0	0	0	0	300	NMRPS	6	-	-	-

Notes: See Table 1.7-1 for standard abbreviations and definitions.Values in italics represent statistics based on detection levels because analyte has not been detected at this location. A dash means none or no value.

Table B-3
Screening Table for Mortandad Canyon Watershed

Analyte	Method	Units	No. of Analyses	No. of Detects	D Rate %	Min	Mean	Max	No. of Non-detects	ND Rate %	BV	D> BV	ND> Std	D> Std	D> Std/2	D>Std/2 Rate %	Level	Std Type	Locations with Data (number)	D>Std (number of locations)	D>Std/2 (number of locations)	D>Std Stations
Mortandad, Geninorg, F, Ephemeral																						
Alkalinity-CO3	EPA:310.1	mg/L	45	3	7	0.737	0.84667	0.974	42	93	-	-	0	0	0	0	-	-	9	-	-	-
Alkalinity-CO3+HCO3	EPA:310.1	mg/L	45	45	100	6.07	90.0616	237	0	0	-	-	0	0	0	0	-	-	9	-	-	-
Alkalinity-HCO3	EPA:310.1	mg/L	14	14	100	24.4	97.5143	236	0	0	-	-	0	0	0	0	-	-	9	-	-	-
Ammonia as Nitrogen	EPA:350.1	mg/L	29	15	52	0.039	0.2988	1.9	14	48	-	-	0	0	0	0	-	-	7	-	-	-
Bromide	EPA:300.0	mg/L	40	7	18	0.068	0.11886	0.182	33	83	-	-	0	0	0	0	-	-	9	-	-	-
Calcium	EPA:200.7	mg/L	14	14	100	7.56	19.3257	32.6	0	0	-	-	0	0	0	0	-	-	9	-	-	-
Calcium	SW-846:6010B	mg/L	39	39	100	3.77	28.4851	128	0	0	-	-	0	0	0	0	-	-	9	-	-	-
Chloride	EPA:300.0	mg/L	45	45	100	2.88	125.838	1540	0	0	-	-	0	0	0	0	-	-	9	-	-	-
Cyanide (Total)	EPA:335.3	mg/L	29	4	14	0.00164	0.00235	0.00318	25	86	-	-	0	0	0	0	-	-	9	-	-	-
Cyanide (Total)	SW-846:9012A	mg/L	9	2	22	0.00864	0.01012	0.0116	7	78	-	-	0	0	0	0	-	-	9	-	-	-
Fluoride	EPA:300.0	mg/L	45	41	91	0.06	0.36049	0.773	4	9	-	-	0	0	0	0	-	-	9	-	-	-
Hardness	EPA:200.7	mg/L	5	5	100	24	59.16	100	0	0	-	-	0	0	0	0	-	-	1	-	-	-
Hardness	SM:A2340B	mg/L	48	48	100	14.5	86.1688	396	0	0	-	-	0	0	0	0	-	-	9	-	-	-
Magnesium	EPA:200.7	mg/L	14	14	100	1.23	3.055	5.42	0	0	-	-	0	0	0	0	-	-	9	-	-	-
Magnesium	SW-846:6010B	mg/L	39	39	100	1.18	5.09564	18.5	0	0	-	-	0	0	0	0	-	-	9	-	-	-
Nitrate-Nitrite as Nitrogen	EPA:353.1	mg/L	35	22	63	0.0119	1.61322	13.5	13	37	-	-	0	0	0	0	-	-	9	-	-	-
Nitrate-Nitrite as Nitrogen	EPA:353.2	mg/L	10	4	40	0.0122	3.21805	6.46	6	60	-	-	0	0	0	0	-	-	6	-	-	-
Perchlorate	EPA:314.0	ug/L	44	3	7	14.2	17.6333	24.2	41	93	-	-	0	0	0	0	-	-	9	-	-	-
Perchlorate	SW846 6850 Modified	ug/L	31	16	52	0.0818	3.47618	24.7	15	48	-	-	0	0	0	0	-	-	9	-	-	-
Perchlorate	SW-846:6850	ug/L	16	12	75	0.0843	0.38728	0.85	4	25	-	-	0	0	0	0	-	-	7	-	-	-
pH	EPA:150.1	SU	45	45	100	5.46	7.17378	8.07	0	0	-	-	0	0	0	0	-	-	9	-	-	-
Potassium	EPA:200.7	mg/L	14	14	100	2.83	7.23571	13.2	0	0	-	-	0	0	0	0	-	-	9	-	-	-
Potassium	SW-846:6010B	mg/L	39	39	100	2.18	9.67795	31.9	0	0	-	-	0	0	0	0	-	-	9	-	-	-
Silicon Dioxide	EPA:200.7	mg/L	14	14	100	14.6	38.4857	69.6	0	0	-	-	0	0	0	0	-	-	9	-	-	-
Silicon Dioxide	SW-846:6010B	mg/L	39	39	100	16	44.3949	87.1	0	0	-	-	0	0	0	0	-	-	9	-	-	-
Sodium	EPA:200.7	mg/L	14	14	100	11.8	63.1429	178	0	0	-	-	0	0	0	0	-	-	9	-	-	-
Sodium	SW-846:6010B	mg/L	39	39	100	5.31	93.3623	781	0	0	-	-	0	0	0	0	-	-	9	-	-	-
Specific Conductance	EPA:120.1	uS/cm	31	31	100	144	3802.42	52500	0	0	-	-	0	0	0	0	-	-	9	-	-	-
Specific Conductance	SW-846:9050A	uS/cm	14	14	100	190	403.857	921	0	0	-	-	0	0	0	0	-	-	9	-	-	-
Sulfate	EPA:300.0	mg/L	45	45	100	1.27	17.7342	76.5	0	0	-	-	0	0	0	0	-	-	9	-	-	-
Total Dissolved Solids	EPA:160.1	mg/L	77	77	100	109	353.597	2790	0	0	-	-	0	0	0	0	-	-	9	-	-	-
Total Kjeldahl Nitrogen	EPA:351.2	mg/L	32	29	91	0.048	0.525	2.46	3	9	-	-	0	0	0	0	-	-	9	-	-	-
Total Phosphate as Phosphorus	EPA:365.4	mg/L	52	22	42	0.025	0.24095	0.735	30	58	-	-	0	0	0	0	-	-	9	-	-	-
Mortandad, Geninorg, UF, Ephemeral																						
Alkalinity-CO3	EPA:310.1	mg/L	32	0	0	*0.725*	*1.11016*	*1.45*	32	100	-	-	0	0	0	0	-	-	9	-	-	-
Alkalinity-CO3+HCO3	EPA:310.1	mg/L	32	32	100	19.1	94.6219	175	0	0	-	-	0	0	0	0	-	-	9	-	-	-
Alkalinity-HCO3	EPA:310.1	mg/L	9	9	100	19.1	62.7556	106	0	0	-	-	0	0	0	0	-	-	9	-	-	-
Ammonia as Nitrogen	EPA:350.1	mg/L	11	4	36	0.026	0.04325	0.062	7	64	-	-	0	0	0	0	39.1	AqAcU	6	-	-	-
Bromide	EPA:300.0	mg/L	32	9	28	0.069	0.12533	0.19	23	72	-	-	0	0	0	0	-	-	9	-	-	-
Calcium	EPA:200.7	mg/L	9	9	100	12.9	19.5444	30.9	0	0	-	-	0	0	0	0	-	-	9	-	-	-
Calcium	SW-846:6010B	mg/L	39	39	100	7.16	29.5777	133	0	0	-	-	0	0	0	0	-	-	9	-	-	-
Chloride	EPA:300.0	mg/L	32	32	100	4.8	34.0794	226	0	0	-	-	0	0	0	0	-	-	9	-	-	-
Cyanide (Total)	EPA:335.3	mg/L	35	5	14	0.00208	0.00421	0.0075	30	86	-	-	0	0	0	0	-	-	9	-	-	-
Cyanide, Amenable to Chlorination	EPA:335.1	mg/L	2	0	0	*0.00172*	*0.00172*	*0.00172*	2	100	-	-	0	0	0	0	0.022	AqAcU	1	-	-	-
Fluoride	EPA:300.0	mg/L	32	28	88	0.072	0.41029	0.763	4	13	-	-	0	0	0	0	-	-	9	-	-	-
Hardness	SM:A2340B	mg/L	48	48	100	22.7	91.4021	412	0	0	-	-	0	0	0	0	-	-	9	-	-	-
Magnesium	EPA:200.7	mg/L	9	9	100	1.88	3.64556	5.5	0	0	-	-	0	0	0	0	-	-	9	-	-	-
Magnesium	SW-846:6010B	mg/L	39	39	100	1.93	5.97026	19.2	0	0	-	-	0	0	0	0	-	-	9	-	-	-
Nitrate-Nitrite as Nitrogen	EPA:353.1	mg/L	15	9	60	0.0315	1.42631	4.09	6	40	-	-	0	0	0	0	132	LWU	9	-	-	-
Perchlorate	EPA:314.0	ug/L	5	0	0	*0.989*	*1.7756*	*4*	5	100	-	-	0	0	0	0	-	-	1	-	-	-
Perchlorate	SW846 6850 Modified	ug/L	1	1	100	0.507	0.507	0.507	0	0	-	-	0	0	0	0	-	-	1	-	-	-
pH	EPA:150.1	SU	32	32	100	5.86	7.01125	7.58	0	0	-	-	0	0	0	0	-	-	9	-	-	-
Potassium	EPA:200.7	mg/L	9	9	100	3.08	7.60889	13.6	0	0	-	-	0	0	0	0	-	-	9	-	-	-
Potassium	SW-846:6010B	mg/L	39	39	100	2.81	10.6915	32.9	0	0	-	-	0	0	0	0	-	-	9	-	-	-
Silicon Dioxide	EPA:200.7	mg/L	9	9	100	23.2	48.9556	72.3	0	0	-	-	0	0	0	0	-	-	9	-	-	-
Silicon Dioxide	SW-846:6010B	mg/L	23	23	100	21.6	68.0304	147	0	0	-	-	0	0	0	0	-	-	9	-	-	-
Sodium	EPA:200.7	mg/L	9	9	100	11.5	57.5444	173	0	0	-	-	0	0	0	0	-	-	9	-	-	-

Table B-3
Screening Table for Mortandad Canyon Watershed

Analyte	Method	Units	No. of Analyses	No. of Detects	D Rate %	Min	Mean	Max	No. of Non-detects	ND Rate %	BV	D> BV	ND> Std	D> Std	D> Std/2	D>Std/2 Rate %	Level	Std Type	Locations with Data (number)	D>Std (number of locations)	D>Std/2 (number of locations)	D>Std Stations
Sodium	SW-846:6010B	mg/L	39	39	100	5.48	94.1774	811	0	0	-	-	0	0	0	0	-	-	9	-	-	-
Specific Conductance	EPA:120.1	uS/cm	23	23	100	143	313.043	475	0	0	-	-	0	0	0	0	-	-	9	-	-	-
Specific Conductance	SW-846:9050A	uS/cm	9	9	100	191	403.667	866	0	0	-	-	0	0	0	0	-	-	9	-	-	-
Sulfate	EPA:300.0	mg/L	32	32	100	1.28	11.1938	36.8	0	0	-	-	0	0	0	0	-	-	9	-	-	-
Suspended Sediment Concentration	EPA:160.2	mg/L	48	38	79	1.6	17.2845	146	10	21	-	-	0	0	0	0	-	-	9	-	-	-
Total Kjeldahl Nitrogen	EPA:351.2	mg/L	47	43	91	0.043	0.578	3.19	4	9	-	-	0	0	0	0	-	-	9	-	-	-
Total Organic Carbon	SW-846:9060	mg/L	47	47	100	2.01	8.49255	19	0	0	-	-	0	0	0	0	-	-	9	-	-	-
Total Phosphate as Phosphorus	EPA:365.4	mg/L	18	13	72	0.029	0.20985	0.437	5	28	-	-	0	0	0	0	-	-	9	-	-	-
Total Suspended Solids	EPA:160.2	mg/L	5	5	100	4	38.6	139	0	0	-	-	0	0	0	0	-	-	1	-	-	-
Mortandad, Geninorg, F, Springs																						
Alkalinity-CO3	EPA:310.1	mg/L	5	4	80	1.37	1.7425	2.17	1	20	-	-	0	0	0	0	-	-	1	-	-	-
Alkalinity-CO3+HCO3	EPA:310.1	mg/L	5	5	100	112	212.6	260	0	0	-	-	0	0	0	0	-	-	1	-	-	-
Ammonia as Nitrogen	EPA:350.1	mg/L	3	0	0	*0.01*	*0.01767*	*0.03*	3	100	-	-	0	0	0	0	0.2085714	Reg6	1	-	-	-
Bromide	EPA:300.0	mg/L	5	5	100	0.343	0.391	0.449	0	0	-	-	0	0	0	0	-	-	1	-	-	-
Calcium	SW-846:6010B	mg/L	5	5	100	98	112	124	0	0	-	-	0	0	0	0	-	-	1	-	-	-
Chloride	EPA:300.0	mg/L	5	5	100	67.6	73.44	79	0	0	-	-	0	0	0	0	250	NMGSF	1	-	-	-
Cyanide (Total)	EPA:335.3	mg/L	2	1	50	0.00873	0.00873	0.00873	1	50	-	-	0	0	0	0	0.2	NMGSF	1	-	-	-
Fluoride	EPA:300.0	mg/L	5	5	100	0.855	1.0376	1.41	0	0	-	-	0	0	5	100	1.6	NMGSF	1	-	1	-
Hardness	SM:A2340B	mg/L	5	5	100	312	357.2	394	0	0	-	-	0	0	0	0	-	-	1	-	-	-
Magnesium	SW-846:6010B	mg/L	5	5	100	16.5	18.66	20.3	0	0	-	-	0	0	0	0	-	-	1	-	-	-
Nitrate-Nitrite as Nitrogen	EPA:353.1	mg/L	2	2	100	3.64	6.305	8.97	0	0	-	-	0	0	1	50	10	NMGSF	1	-	1	-
Nitrate-Nitrite as Nitrogen	EPA:353.2	mg/L	2	2	100	7.58	10.99	14.4	0	0	-	-	0	1	2	100	10	NMGSF	1	1	1	Pine Rock Spring
Perchlorate	EPA:314.0	ug/L	4	0	0	*4*	*4*	*4*	4	100	-	-	0	0	0	0	24.5	Reg6	1	-	-	-
Perchlorate	SW846 6850 Modified	ug/L	2	2	100	1.52	1.57	1.62	0	0	-	-	0	0	0	0	24.5	Reg6	1	-	-	-
Perchlorate	SW-846:6850	ug/L	2	2	100	1.63	1.655	1.68	0	0	-	-	0	0	0	0	24.5	Reg6	1	-	-	-
pH	EPA:150.1	SU	5	5	100	7.65	7.918	8.09	0	0	-	-	0	0	0	0	-	-	1	-	-	-
Potassium	SW-846:6010B	mg/L	5	5	100	5.31	5.652	5.96	0	0	-	-	0	0	0	0	-	-	1	-	-	-
Silicon Dioxide	SW-846:6010B	mg/L	5	5	100	43.7	46.38	51.7	0	0	-	-	0	0	0	0	-	-	1	-	-	-
Sodium	SW-846:6010B	mg/L	5	5	100	38.9	41.12	45.9	0	0	-	-	0	0	0	0	-	-	1	-	-	-
Specific Conductance	EPA:120.1	uS/cm	5	5	100	848	903.4	939	0	0	-	-	0	0	0	0	-	-	1	-	-	-
Sulfate	EPA:300.0	mg/L	5	5	100	62.4	68.06	75.2	0	0	-	-	0	0	0	0	600	NMGSF	1	-	-	-
Total Dissolved Solids	EPA:160.1	mg/L	7	7	100	531	556.143	575	0	0	-	-	0	0	7	100	1000	NMGSF	1	-	1	-
Total Kjeldahl Nitrogen	EPA:351.2	mg/L	4	4	100	0.083	0.217	0.327	0	0	-	-	0	0	0	0	-	-	1	-	-	-
Total Phosphate as Phosphorus	EPA:365.4	mg/L	4	2	50	0.026	0.0295	0.033	2	50	-	-	0	0	0	0	-	-	1	-	-	-
Mortandad, Geninorg, UF, Springs																						
Alkalinity-CO3	EPA:310.1	mg/L	2	2	100	1.53	1.755	1.98	0	0	-	-	0	0	0	0	-	-	1	-	-	-
Alkalinity-CO3+HCO3	EPA:310.1	mg/L	2	2	100	236	237.5	239	0	0	-	-	0	0	0	0	-	-	1	-	-	-
Ammonia as Nitrogen	EPA:350.1	mg/L	1	0	0	*0.013*	*0.013*	*0.013*	1	100	-	-	0	0	0	0	0.2085714	Reg6	1	-	-	-
Bromide	EPA:300.0	mg/L	2	2	100	0.378	0.414	0.45	0	0	-	-	0	0	0	0	-	-	1	-	-	-
Calcium	SW-846:6010B	mg/L	4	4	100	99.9	114.225	124	0	0	-	-	0	0	0	0	-	-	1	-	-	-
Chloride	EPA:300.0	mg/L	2	2	100	73.9	76.6	79.3	0	0	-	-	0	0	0	0	-	-	1	-	-	-
Cyanide (Total)	EPA:335.3	mg/L	4	0	0	*0.0015*	*0.0015*	*0.0015*	4	100	-	-	0	0	0	0	0.2	MCL	1	-	-	-
Fluoride	EPA:300.0	mg/L	2	2	100	0.861	0.8785	0.896	0	0	-	-	0	0	0	0	4	MCL	1	-	-	-
Hardness	SM:A2340B	mg/L	4	4	100	319	363	393	0	0	-	-	0	0	0	0	-	-	1	-	-	-
Magnesium	SW-846:6010B	mg/L	4	4	100	16.8	19	20.4	0	0	-	-	0	0	0	0	-	-	1	-	-	-
Nitrate-Nitrite as Nitrogen	EPA:353.1	mg/L	2	2	100	4.1	6.5	8.9	0	0	-	-	0	0	1	50	10	MCL	1	-	1	-
pH	EPA:150.1	SU	2	2	100	7.87	7.885	7.9	0	0	-	-	0	0	0	0	-	-	1	-	-	-
Potassium	SW-846:6010B	mg/L	4	4	100	5.49	5.7675	5.98	0	0	-	-	0	0	0	0	-	-	1	-	-	-
Silicon Dioxide	SW-846:6010B	mg/L	2	2	100	45.2	46	46.8	0	0	-	-	0	0	0	0	-	-	1	-	-	-
Sodium	SW-846:6010B	mg/L	4	4	100	39.9	41.425	44	0	0	-	-	0	0	0	0	-	-	1	-	-	-
Specific Conductance	EPA:120.1	uS/cm	2	2	100	883	904	925	0	0	-	-	0	0	0	0	-	-	1	-	-	-
Sulfate	EPA:300.0	mg/L	2	2	100	72.3	73.8	75.3	0	0	-	-	0	0	0	0	-	-	1	-	-	-
Suspended Sediment Concentration	EPA:160.2	mg/L	4	2	50	5.6	5.8	6	2	50	-	-	0	0	0	0	-	-	1	-	-	-
Total Kjeldahl Nitrogen	EPA:351.2	mg/L	4	4	100	0.184	0.26975	0.341	0	0	-	-	0	0	0	0	-	-	1	-	-	-
Total Organic Carbon	SW-846:9060	mg/L	4	4	100	2.53	2.9275	3.7	0	0	-	-	0	0	0	0	-	-	1	-	-	-
Total Phosphate as Phosphorus	EPA:365.4	mg/L	2	2	100	0.023	0.023	0.023	0	0	-	-	0	0	0	0	-	-	1	-	-	-

Table B-3
Screening Table for Mortandad Canyon Watershed

Analyte	Method	Units	No. of Analyses	No. of Detects	D Rate %	Min	Mean	Max	No. of Non-detects	ND Rate %	BV	D> BV	ND> Std	D> Std	D> Std/2	D>Std/2 Rate %	Level	Std Type	Locations with Data (number)	D>Std (number of locations)	D>Std/2 (number of locations)	D>Std Stations
Mortandad, Geninorg, F, Alluvial																						
Alkalinity-CO3	EPA:310.1	mg/L	82	1	1	1.92	1.92	1.92	81	99	-	-	0	0	0	0	-	-	13	-	-	-
Alkalinity-CO3+HCO3	EPA:310.1	mg/L	84	84	100	24.3	131.335	300	0	0	-	-	0	0	0	0	-	-	14	-	-	-
Alkalinity-HCO3	EPA:310.1	mg/L	24	24	100	62.3	135.767	195	0	0	-	-	0	0	0	0	-	-	9	-	-	-
Ammonia as Nitrogen	EPA:350.1	mg/L	132	21	16	0.012	0.19405	0.661	111	84	-	-	2	8	11	8	0.2085714	Reg6	14	4	5	CDBO-6, MCO-0.6, MCO-4B, MCO-5
Bromide	EPA:300.0	mg/L	69	14	20	0.041	0.128	0.268	55	80	-	-	0	0	0	0	-	-	13	-	-	-
Calcium	SW-846:6010B	mg/L	86	86	100	4.5	26.4302	67	0	0	-	-	0	0	0	0	-	-	14	-	-	-
Chloride	EPA:300.0	mg/L	90	90	100	13	57.2133	739	0	0	-	-	0	5	5	6	250	NMGSF	14	1	1	MCO-0.6
Cyanide (Total)	EPA:335.3	mg/L	32	4	13	0.00274	0.00458	0.00659	28	88	-	-	0	0	0	0	0.2	NMGSF	11	-	-	-
Cyanide (Total)	SW-846:9012A	mg/L	16	3	19	0.00285	0.004	0.00535	13	81	-	-	0	0	0	0	0.2	NMGSF	10	-	-	-
Cyanide, Amenable to Chlorination	EPA:335.1	mg/L	1	1	100	0.00274	0.00274	0.00274	0	0	-	-	0	0	0	0	0.2	MCL	1	-	-	-
Fluoride	EPA:300.0	mg/L	175	171	98	0.079	0.95788	1.85	4	2	-	-	0	5	119	68	1.6	NMGSF	14	2	9	MCO-7.5, MT-3
Hardness	EPA:200.7	mg/L	17	17	100	48.6	98.3647	159	0	0	-	-	0	0	0	0	-	-	7	-	-	-
Hardness	SM:A2340B	mg/L	69	69	100	18	79.0884	225	0	0	-	-	0	0	0	0	-	-	13	-	-	-
Magnesium	SW-846:6010B	mg/L	86	86	100	1.61	4.1043	14	0	0	-	-	0	0	0	0	-	-	14	-	-	-
Nitrate-Nitrite as Nitrogen	EPA:353.1	mg/L	146	139	95	0.0218	14.8532	595	7	5	-	-	0	5	11	8	10	NMGSF	13	3	5	MCA-5, MCO-3, MCO-4B
Nitrate-Nitrite as Nitrogen	EPA:353.2	mg/L	34	32	94	0.099	10.1239	241	2	6	-	-	0	2	4	12	10	NMGSF	13	2	3	MCO-6, MCO-7
Perchlorate	EPA:314.0	ug/L	111	86	77	2.56	37.9458	143	25	23	-	-	1	63	82	74	24.5	Reg6	14	10	10	MCA-2, MCA-5, MCO-3, MCO-4B, MCO-5, MCO-6, MCO-7, MCO-7.5, MT-3, MT-4
Perchlorate	SW846 6850 Modified	ug/L	85	83	98	0.103	24.1108	103	2	2	-	-	0	44	63	74	24.5	Reg6	13	8	9	MCA-2, MCA-5, MCO-4B, MCO-6, MCO-7, MCO-7.5, MT-3, MT-4
Perchlorate	SW-846:6850	ug/L	33	31	94	0.079	18.4394	31.1	2	6	-	-	0	13	23	70	24.5	Reg6	13	7	8	MCA-2, MCO-4B, MCO-6, MCO-7, MCO-7.5, MT-3, MT-4
pH	EPA:150.1	SU	86	86	100	5.99	7.07209	8.44	0	0	-	-	0	0	0	0	-	-	14	-	-	-
Potassium	SW-846:6010B	mg/L	86	86	100	1.88	12.1609	20.8	0	0	-	-	0	0	0	0	-	-	14	-	-	-
Silicon Dioxide	SW-846:6010B	mg/L	86	86	100	28.9	40.4174	83.2	0	0	-	-	0	0	0	0	-	-	14	-	-	-
Sodium	SW-846:6010B	mg/L	86	86	100	18.4	77.514	481	0	0	-	-	0	0	0	0	-	-	14	-	-	-
Specific Conductance	EPA:120.1	uS/cm	59	59	100	192	548.814	2670	0	0	-	-	0	0	0	0	-	-	12	-	-	-
Specific Conductance	SW-846:9050A	uS/cm	27	27	100	168	1209.07	20400	0	0	-	-	0	0	0	0	-	-	11	-	-	-
Sulfate	EPA:300.0	mg/L	86	86	100	4.14	20.3424	56.2	0	0	-	-	0	0	0	0	600	NMGSF	14	-	-	-
Total Dissolved Solids	EPA:160.1	mg/L	218	217	100	112	348.442	2840	1	0	-	-	0	6	14	6	1000	NMGSF	14	2	5	MCO-0.6, MCO-4B
Total Kjeldahl Nitrogen	EPA:351.2	mg/L	148	105	71	0.014	0.32524	2.09	43	29	-	-	0	0	0	0	-	-	13	-	-	-
Total Phosphate as Phosphorus	EPA:365.4	mg/L	88	58	66	0.019	0.15607	0.416	30	34	-	-	0	0	0	0	-	-	14	-	-	-
Mortandad, Geninorg, UF, Alluvial																						
Alkalinity-CO3	EPA:310.1	mg/L	37	1	3	1.59	1.59	1.59	36	97	-	-	0	0	0	0	-	-	11	-	-	-
Alkalinity-CO3+HCO3	EPA:310.1	mg/L	34	34	100	43.7	123.985	271	0	0	-	-	0	0	0	0	-	-	12	-	-	-
Alkalinity-HCO3	EPA:310.1	mg/L	7	7	100	37.2	104.057	152	0	0	-	-	0	0	0	0	-	-	7	-	-	-
Ammonia as Nitrogen	EPA:350.1	mg/L	18	3	17	0.01	0.17	0.474	15	83	-	-	0	1	1	6	0.2085714	Reg6	10	1	1	MCO-0.6
Bromide	EPA:300.0	mg/L	39	9	23	0.041	0.18156	0.625	30	77	-	-	0	0	0	0	-	-	12	-	-	-
Calcium	SW-846:6010B	mg/L	74	74	100	10.2	25.8243	66.4	0	0	-	-	0	0	0	0	-	-	14	-	-	-
Chemical Oxygen Demand	EPA:410.4	mg/L	8	6	75	9.21	27.885	67.5	2	25	-	-	0	0	0	0	-	-	8	-	-	-
Chloride	EPA:300.0	mg/L	39	39	100	16.7	70.9256	759	0	0	-	-	0	0	0	0	-	-	12	-	-	-
Cyanide (Total)	EPA:335.3	mg/L	40	8	20	0.00291	0.00518	0.00992	32	80	-	-	0	0	0	0	0.2	MCL	11	-	-	-
Cyanide (Total)	SW-846:9012A	mg/L	11	0	0	*0.00172*	*0.00183*	*0.00289*	11	100	-	-	0	0	0	0	0.2	MCL	7	-	-	-

Table B-3
Screening Table for Mortandad Canyon Watershed

Analyte	Method	Units	No. of Analyses	No. of Detects	D Rate %	Min	Mean	Max	No. of Non-detects	ND Rate %	BV	D> BV	ND> Std	D> Std	D> Std/2	D>Std/2 Rate %	Level	Std Type	Locations with Data (number)	D>Std (number of locations)	D>Std/2 (number of locations)	D>Std Stations
Fluoride	EPA:300.0	mg/L	40	39	98	0.135	1.08969	1.84	1	3	-	-	0	0	0	0	4	MCL	12	-	-	-
Hardness	EPA:200.7	mg/L	6	6	100	83.2	96.8833	122	0	0	-	-	0	0	0	0	-	-	5	-	-	-
Hardness	SM:A2340B	mg/L	68	68	100	47.3	81.4265	223	0	0	-	-	0	0	0	0	-	-	13	-	-	-
Magnesium	SW-846:6010B	mg/L	74	74	100	1.86	4.42541	13.9	0	0	-	-	0	0	0	0	-	-	14	-	-	-
Nitrate-Nitrite as Nitrogen	EPA:353.1	mg/L	19	17	89	0.0319	1.91482	3.25	2	11	-	-	0	0	0	0	10	MCL	10	-	-	-
Perchlorate	EPA:314.0	ug/L	43	33	77	2.35	47.6133	148	10	23	-	-	1	21	28	65	24.5	Reg6	7	6	6	MCO-3, MCO-4B, MCO-5, MCO-6, MCO-7, MCO-7.5
Perchlorate	SW846 6850 Modified	ug/L	20	20	100	1.36	35.2305	92.8	0	0	-	-	0	11	14	70	24.5	Reg6	5	4	4	MCO-4B, MCO-5, MCO-6, MCO-7
pH	EPA:150.1	SU	39	39	100	5.97	6.99308	7.64	0	0	-	-	0	0	0	0	-	-	12	-	-	-
Potassium	SW-846:6010B	mg/L	74	74	100	2.13	12.7568	23.1	0	0	-	-	0	0	0	0	-	-	14	-	-	-
Silicon Dioxide	SW-846:6010B	mg/L	55	55	100	30.4	44.9964	188	0	0	-	-	0	0	0	0	-	-	14	-	-	-
Sodium	SW-846:6010B	mg/L	74	74	100	19.1	80.4311	488	0	0	-	-	0	0	0	0	-	-	14	-	-	-
Specific Conductance	EPA:120.1	uS/cm	29	29	100	202	585.517	2650	0	0	-	-	0	0	0	0	-	-	11	-	-	-
Specific Conductance	SW-846:9050A	uS/cm	10	10	100	192	442.1	513	0	0	-	-	0	0	0	0	-	-	9	-	-	-
Sulfate	EPA:300.0	mg/L	39	39	100	9.95	18.6551	36.4	0	0	-	-	0	0	0	0	-	-	12	-	-	-
Suspended Sediment Concentration	EPA:160.2	mg/L	41	23	56	0.778	13.0999	53.3	18	44	-	-	0	0	0	0	-	-	13	-	-	-
Total Kjeldahl Nitrogen	EPA:351.2	mg/L	68	45	66	0.035	0.49056	2.35	23	34	-	-	0	0	0	0	-	-	13	-	-	-
Total Organic Carbon	SW-846:9060	mg/L	67	63	94	2.08	7.08444	56	4	6	-	-	0	0	0	0	-	-	13	-	-	-
Total Phosphate as Phosphorus	EPA:365.4	mg/L	18	12	67	0.033	0.1425	0.318	6	33	-	-	0	0	0	0	-	-	10	-	-	-
Total Suspended Solids	EPA:160.2	mg/L	22	16	73	1	8.0125	30.2	6	27	-	-	0	0	0	0	-	-	10	-	-	-
Mortandad, Geninorg, F, Intermediate																						
Alkalinity-CO3	EPA:310.1	mg/L	32	3	9	0.857	0.86133	0.868	29	91	-	-	0	0	0	0	-	-	3	-	-	-
Alkalinity-CO3+HCO3	EPA:310.1	mg/L	35	35	100	34.5	56.2771	77.2	0	0	-	-	0	0	0	0	-	-	4	-	-	-
Ammonia	EPA:350.1	mg/L	3	0	0	*0.05*	*0.05*	*0.05*	3	100	-	-	0	0	0	0	-	-	1	-	-	-
Ammonia as Nitrogen	EPA:350.1	mg/L	20	2	10	0.043	0.116	0.189	18	90	-	-	1	0	1	5	0.2085714	Reg6	3	-	1	-
Bromide	EPA:300.0	mg/L	35	27	77	0.104	0.27722	0.434	8	23	-	-	0	0	0	0	-	-	4	-	-	-
Calcium	SW-846:6010B	mg/L	39	39	100	13.8	32.7436	49.7	0	0	-	-	0	0	0	0	-	-	5	-	-	-
Chloride	EPA:300.0	mg/L	35	35	100	5.06	16.6546	24.1	0	0	-	-	0	0	0	0	250	NMGSF	4	-	-	-
Cyanide (Total)	EPA:335.3	mg/L	20	2	10	0.00207	0.00306	0.00404	18	90	-	-	0	0	0	0	0.2	NMGSF	3	-	-	-
Cyanide (Total)	SW-846:9012A	mg/L	4	2	50	0.00323	0.00356	0.00389	2	50	-	-	0	0	0	0	0.2	NMGSF	3	-	-	-
Fluoride	EPA:300.0	mg/L	35	31	89	0.205	0.39071	0.635	4	11	-	-	0	0	0	0	1.6	NMGSF	4	-	-	-
Hardness	SM:A2340B	mg/L	36	36	100	48.6	107.794	166	0	0	-	-	0	0	0	0	-	-	4	-	-	-
Magnesium	SW-846:6010B	mg/L	39	39	100	3.12	6.2341	10.2	0	0	-	-	0	0	0	0	-	-	5	-	-	-
Nitrate-Nitrite as Nitrogen	EPA:353.1	mg/L	27	27	100	3.17	13.6444	20	0	0	-	-	0	21	23	85	10	NMGSF	4	3	4	MCOBT-4.4, MCOI-4, MCOI-6
Nitrate-Nitrite as Nitrogen	EPA:353.2	mg/L	9	9	100	4.55	11.7833	20	0	0	-	-	0	5	7	78	10	NMGSF	3	2	3	MCOI-4, MCOI-6
Oxalate	EPA:300.0	mg/L	3	0	0	*1*	*1*	*1*	3	100	-	-	0	0	0	0	-	-	1	-	-	-
Perchlorate	EPA:314.0	ug/L	33	31	94	81.6	150.213	220	2	6	-	-	0	31	31	94	24.5	Reg6	5	4	4	MCOBT-4.4, MCOI-4, MCOI-5, MCOI-6
Perchlorate	SW846 6850 Modified	ug/L	22	21	95	88.1	163.338	256	1	5	-	-	0	21	21	95	24.5	Reg6	5	4	4	MCOBT-4.4, MCOI-4, MCOI-5, MCOI-6
Perchlorate	SW-846:6850	ug/L	12	12	100	93.7	134.65	190	0	0	-	-	0	12	12	100	24.5	Reg6	3	3	3	MCOI-4, MCOI-5, MCOI-6
pH	EPA:150.1	SU	33	33	100	6.75	7.38909	8.4	0	0	-	-	0	0	0	0	-	-	4	-	-	-
Potassium	SW-846:6010B	mg/L	39	39	100	0.437	0.84949	2.8	0	0	-	-	0	0	0	0	-	-	5	-	-	-
Silicon Dioxide	SW-846:6010B	mg/L	35	33	94	31.8	63.6758	72.4	2	6	-	-	0	0	0	0	-	-	5	-	-	-
Sodium	SW-846:6010B	mg/L	39	39	100	12.4	20.2897	42.9	0	0	-	-	0	0	0	0	-	-	5	-	-	-
Specific Conductance	EPA:120.1	uS/cm	28	28	100	177	332.357	482	0	0	-	-	0	0	0	0	-	-	3	-	-	-
Specific Conductance	SW-846:9050A	uS/cm	4	4	100	180	314.5	406	0	0	-	-	0	0	0	0	-	-	3	-	-	-
Sulfate	EPA:300.0	mg/L	35	35	100	10.6	26.8743	39.6	0	0	-	-	0	0	0	0	600	NMGSF	4	-	-	-

Table B-3
Screening Table for Mortandad Canyon Watershed

Analyte	Method	Units	No. of Analyses	No. of Detects	D Rate %	Min	Mean	Max	No. of Non-detects	ND Rate %	BV	D> BV	ND> Std	D> Std	D> Std/2	D>Std/2 Rate %	Level	Std Type	Locations with Data (number)	D>Std (number of locations)	D>Std/2 (number of locations)	D>Std Stations
Total Dissolved Solids	EPA:160.1	mg/L	51	51	100	145	278.059	384	0	0	-	-	0	0	0	0	1000	NMGSF	4	-	-	-
Total Kjeldahl Nitrogen	EPA:351.2	mg/L	21	15	71	0.042	0.21527	0.609	6	29	-	-	0	0	0	0	-	-	4	-	-	-
Total Organic Carbon	USGS-WRI-79-4	mg/L	2	2	100	0.82	0.825	0.83	0	0	-	-	0	0	0	0	-	-	1	-	-	-
Total Phosphate as Phosphorus	EPA:365.4	mg/L	36	7	19	0.044	0.10743	0.208	29	81	-	-	0	0	0	0	-	-	4	-	-	-
Mortandad, Geninorg, UF, Intermediate																						
Alkalinity-CO3	EPA:310.1	mg/L	18	0	0	*0.725*	*1.04722*	*1.45*	18	100	-	-	0	0	0	0	-	-	4	-	-	-
Alkalinity-CO3+HCO3	EPA:310.1	mg/L	18	18	100	40.3	62.0556	91.7	0	0	-	-	0	0	0	0	-	-	4	-	-	-
Ammonia as Nitrogen	EPA:350.1	mg/L	7	0	0	*0.01*	*0.02543*	*0.075*	7	100	-	-	0	0	0	0	0.2085714	Reg6	3	-	-	-
Bromide	EPA:300.0	mg/L	18	14	78	0.137	0.25943	0.414	4	22	-	-	0	0	0	0	-	-	4	-	-	-
Calcium	SW-846:6010B	mg/L	38	38	100	14.4	33.3763	49.5	0	0	-	-	0	0	0	0	-	-	5	-	-	-
Chemical Oxygen Demand	EPA:410.4	mg/L	4	0	0	*0.89*	*7.5975*	*12.8*	4	100	-	-	0	0	0	0	-	-	3	-	-	-
Chloride	EPA:300.0	mg/L	18	18	100	5.99	16.8339	24.1	0	0	-	-	0	0	0	0	-	-	4	-	-	-
Cyanide (Total)	EPA:335.3	mg/L	24	5	21	0.0015	0.0033	0.00567	19	79	-	-	0	0	0	0	0.2	MCL	3	-	-	-
Cyanide (Total)	SW-846:9012A	mg/L	2	1	50	0.00227	0.00227	0.00227	1	50	-	-	0	0	0	0	0.2	MCL	1	-	-	-
Fluoride	EPA:300.0	mg/L	18	15	83	0.209	0.5352	1.88	3	17	-	-	0	0	0	0	4	MCL	4	-	-	-
Hardness	SM:A2340B	mg/L	35	35	100	50.9	109.971	165	0	0	-	-	0	0	0	0	-	-	4	-	-	-
Magnesium	SW-846:6010B	mg/L	38	38	100	3.33	6.39553	10.1	0	0	-	-	0	0	0	0	-	-	5	-	-	-
Nitrate-Nitrite as Nitrogen	EPA:353.1	mg/L	14	14	100	3.07	13.2079	20	0	0	-	-	0	10	13	93	10	MCL	4	3	4	MCOBT-4.4, MCOI-4, MCOI-6
Perchlorate	SW846 6850 Modified	ug/L	1	0	0	*0.05*	*0.05*	*0.05*	1	100	-	-	0	0	0	0	24.5	Reg6	1	-	-	-
pH	EPA:150.1	SU	18	18	100	1.78	7.02333	7.92	0	0	-	-	0	0	0	0	-	-	4	-	-	-
Potassium	SW-846:6010B	mg/L	38	38	100	0.443	0.85358	2.92	0	0	-	-	0	0	0	0	-	-	5	-	-	-
Silicon Dioxide	SW-846:6010B	mg/L	24	22	92	32.8	61.2727	72	2	8	-	-	0	0	0	0	-	-	5	-	-	-
Sodium	SW-846:6010B	mg/L	38	38	100	12.8	20.1079	41	0	0	-	-	0	0	0	0	-	-	5	-	-	-
Specific Conductance	EPA:120.1	uS/cm	14	14	100	188	341.571	441	0	0	-	-	0	0	0	0	-	-	4	-	-	-
Specific Conductance	SW-846:9050A	uS/cm	4	4	100	177	316.75	408	0	0	-	-	0	0	0	0	-	-	3	-	-	-
Sulfate	EPA:300.0	mg/L	18	18	100	10.9	27.8556	39.5	0	0	-	-	0	0	0	0	-	-	4	-	-	-
Suspended Sediment Concentration	EPA:160.2	mg/L	19	8	42	1.33	42.0613	107	11	58	-	-	0	0	0	0	-	-	4	-	-	-
Total Kjeldahl Nitrogen	EPA:351.2	mg/L	32	14	44	0.045	0.19114	0.284	18	56	-	-	0	0	0	0	-	-	4	-	-	-
Total Organic Carbon	SW-846:9060	mg/L	33	26	79	0.444	1.113	2.52	7	21	-	-	0	0	0	0	-	-	4	-	-	-
Total Phosphate as Phosphorus	EPA:365.4	mg/L	14	1	7	0.21	0.21	0.21	13	93	-	-	0	0	0	0	-	-	4	-	-	-
Total Suspended Solids	EPA:160.2	mg/L	3	3	100	1.25	1.75	2.75	0	0	-	-	0	0	0	0	-	-	2	-	-	-
Mortandad, Geninorg, F, Regional																						
Alkalinity-CO3	EPA:310.1	mg/L	115	44	38	0.726	4.37993	31.7	71	62	-	-	0	0	0	0	-	-	11	-	-	-
Alkalinity-CO3+HCO3	EPA:310.1	mg/L	128	127	99	51.4	71.8362	148	1	1	156.6	-	0	0	0	0	-	-	11	-	-	-
Alkalinity-HCO3	EPA:310.1	mg/L	25	24	96	53.3	77.3708	111	1	4	132.3	-	0	0	0	0	-	-	6	-	-	-
Ammonia	EPA:350.1	mg/L	5	1	20	0.04	0.04	0.04	4	80	-	-	0	0	0	0	-	-	1	-	-	-
Ammonia as Nitrogen	EPA:350.1	mg/L	80	22	28	0.014	0.37641	1.31	58	73	0.25	1	1	9	9	11	0.2085714	Reg6	11	1	1	R-16
Bromide	EPA:300.0	mg/L	131	20	15	0.041	0.135	0.214	111	85	0.18	1	0	0	0	0	-	-	11	-	-	-
Calcium	SW-846:6010B	mg/L	128	128	100	9.16	17.7161	53	0	0	24.88	2	0	0	0	0	-	-	11	-	-	-
Chloride	EPA:300.0	mg/L	131	131	100	1.45	4.50244	28.7	0	0	3.57	4	0	0	0	0	250	NMGSF	11	-	-	-
Cyanide (Total)	EPA:335.3	mg/L	54	6	11	0.00246	0.00474	0.0117	48	89	-	-	0	0	0	0	0.2	NMGSF	10	-	-	-
Cyanide (Total)	SW-846:9012A	mg/L	9	1	11	0.00273	0.00273	0.00273	8	89	-	-	0	0	0	0	0.2	NMGSF	4	-	-	-
Dissolved Organic Carbon	USGS-WRI-79-4	mg/L	36	36	100	0.4	1.2725	7	0	0	-	-	0	0	0	0	-	-	7	-	-	-
Fluoride	EPA:300.0	mg/L	131	128	98	0.096	0.30103	0.48	3	2	0.57	-	0	0	0	0	1.6	NMGSF	11	-	-	-
Hardness	SM:A2340B	mg/L	93	93	100	39.6	57.1194	142	0	0	-	-	0	0	0	0	-	-	11	-	-	-
Humic Substances, Hydrophilic Acids	USGS-WRI-79-4	mg/L	11	11	100	-0.5	0.33636	1	0	0	-	-	0	0	0	0	-	-	3	-	-	-
Humic Substances, Hydrophilic Bases	USGS-WRI-79-4	mg/L	11	11	100	0	0.08182	0.2	0	0	-	-	0	0	0	0	-	-	3	-	-	-
Humic Substances, Hydrophilic Neutrals	USGS-WRI-79-4	mg/L	11	11	100	0	0.57273	3.9	0	0	-	-	0	0	0	0	-	-	3	-	-	-
Humic Substances, Hydrophilic Total	USGS-WRI-79-4	mg/L	11	11	100	0.2	0.98182	5.1	0	0	-	-	0	0	0	0	-	-	3	-	-	-
Humic Substances, Hydrophobic Acids	USGS-WRI-79-4	mg/L	11	11	100	0.1	0.97273	2.4	0	0	-	-	0	0	0	0	-	-	3	-	-	-
Humic Substances, Hydrophobic Bases	USGS-WRI-79-4	mg/L	11	11	100	0	0.00909	0.1	0	0	-	-	0	0	0	0	-	-	3	-	-	-
Humic Substances, Hydrophobic Neutrals	USGS-WRI-79-4	mg/L	11	11	100	-0.3	0.39091	1.1	0	0	-	-	0	0	0	0	-	-	3	-	-	-
Humic Substances, Hydrophobic Total	USGS-WRI-79-4	mg/L	11	11	100	0.5	1.36364	2.8	0	0	-	-	0	0	0	0	-	-	3	-	-	-
Magnesium	SW-846:6010B	mg/L	128	128	100	0.336	3.58005	10.2	0	0	4.15	3	0	0	0	0	-	-	11	-	-	-
Nitrate as Nitrogen	EPA:300.0	mg/L	1	1	100	0.059	0.059	0.059	0	0	0.53	-	0	0	0	0	10	MCL	1	-	-	-

Table B-3
Screening Table for Mortandad Canyon Watershed

Analyte	Method	Units	No. of Analyses	No. of Detects	D Rate %	Min	Mean	Max	No. of Non-detects	ND Rate %	BV	D> BV	ND> Std	D> Std	D> Std/2	D>Std/2 Rate %	Level	Std Type	Locations with Data (number)	D>Std (number of locations)	D>Std/2 (number of locations)	D>Std Stations
Nitrate-Nitrite as Nitrogen	EPA:353.1	mg/L	94	83	88	0.00386	0.97093	5.04	11	12	0.89	2	0	0	1	1	10	NMGSF	11	-	1	-
Nitrate-Nitrite as Nitrogen	EPA:353.2	mg/L	32	29	91	0.022	0.77364	5.39	3	9	0.89	4	0	0	1	3	10	NMGSF	11	-	1	-
Oxalate	EPA:300.0	mg/L	6	0	0	*0.346*	*0.782*	*1*	6	100	-	-	0	0	0	0	-	-	2	-	-	-
Perchlorate	EPA:314.0	ug/L	85	9	11	5.7	6.53444	7.4	76	89	0.46	1	0	0	0	0	24.5	Reg6	11	-	-	-
Perchlorate	SW846 6850 Modified	ug/L	53	48	91	0.0666	1.23076	6.82	5	9	0.46	2	0	0	0	0	24.5	Reg6	11	-	-	-
Perchlorate	SW-846:6850	ug/L	37	37	100	0.17	0.81273	5.9	0	0	0.46	2	0	0	0	0	24.5	Reg6	11	-	-	-
pH	EPA:150.1	SU	96	96	100	7.09	8.02167	9.3	0	0	-	-	0	0	0	0	-	-	11	-	-	-
Potassium	SW-846:6010B	mg/L	128	128	100	1.28	2.02172	5.26	0	0	2.63	1	0	0	0	0	-	-	11	-	-	-
Silicon Dioxide	SW-846:6010B	mg/L	126	123	98	15.2	60.2341	83.5	3	2	88.5	-	0	0	0	0	-	-	11	-	-	-
Sodium	SW-846:6010B	mg/L	128	128	100	8.9	13.2938	31.5	0	0	24.5	1	0	0	0	0	-	-	11	-	-	-
Specific Conductance	EPA:120.1	uS/cm	85	85	100	118	388.376	18900	0	0	-	-	0	0	0	0	-	-	11	-	-	-
Specific Conductance	SW-846:9050A	uS/cm	11	11	100	102	156.273	279	0	0	-	-	0	0	0	0	-	-	6	-	-	-
Sulfate	EPA:300.0	mg/L	131	130	99	0.376	8.10662	63.2	1	1	7.2	2	0	0	0	0	600	NMGSF	11	-	-	-
Total Dissolved Solids	EPA:160.1	mg/L	143	141	99	99	154.95	297	2	1	191.68	3	0	0	0	0	1000	NMGSF	11	-	-	-
Total Kjeldahl Nitrogen	EPA:351.2	mg/L	111	45	41	0.013	0.42818	3.73	66	59	1	1	0	0	0	0	-	-	11	-	-	-
Total Organic Carbon	USGS-WRI-79-4	mg/L	3	3	100	0.21	0.31	0.46	0	0	0.46	-	0	0	0	0	-	-	1	-	-	-
Total Phosphate as Phosphorus	EPA:300.0	mg/L	9	8	89	0.044	0.27225	0.502	1	11	0.34	1	0	0	0	0	-	-	5	-	-	-
Total Phosphate as Phosphorus	EPA:365.4	mg/L	120	35	29	0.01	0.18751	0.795	85	71	0.34	1	0	0	0	0	-	-	11	-	-	-
Mortandad, Geninorg, UF, Regional																						
Alkalinity-CO3	EPA:310.1	mg/L	44	10	23	0.993	1.4463	2.12	34	77	-	-	0	0	0	0	-	-	9	-	-	-
Alkalinity-CO3+HCO3	EPA:310.1	mg/L	46	46	100	43.2	61.0261	104	0	0	-	-	0	0	0	0	-	-	9	-	-	-
Alkalinity-HCO3	EPA:310.1	mg/L	12	12	100	42.8	54.8333	77.3	0	0	-	-	0	0	0	0	-	-	4	-	-	-
Ammonia as Nitrogen	EPA:350.1	mg/L	53	21	40	0.011	0.34748	1.33	32	60	-	-	0	8	8	15	0.2085714	Reg6	10	1	1	R-16
Bromide	EPA:300.0	mg/L	36	6	17	0.061	0.11533	0.169	30	83	-	-	0	0	0	0	-	-	9	-	-	-
Calcium	SW-846:6010B	mg/L	138	138	100	9.96	17.42	53.9	0	0	-	-	0	0	0	0	-	-	11	-	-	-
Chemical Oxygen Demand	EPA:410.4	mg/L	12	7	58	4.01	39.7271	130	5	42	-	-	0	0	0	0	-	-	9	-	-	-
Chloride	EPA:300.0	mg/L	47	47	100	1.58	4.08489	27	0	0	-	-	0	0	0	0	-	-	9	-	-	-
Cyanide (Total)	EPA:335.3	mg/L	66	9	14	0.00204	0.00647	0.0274	57	86	-	-	0	0	0	0	0.2	MCL	11	-	-	-
Cyanide (Total)	SW-846:9012A	mg/L	49	4	8	0.00236	0.00397	0.00656	45	92	-	-	0	0	0	0	0.2	MCL	9	-	-	-
Fluoride	EPA:300.0	mg/L	47	42	89	0.079	0.25005	0.451	5	11	-	-	0	0	0	0	4	MCL	9	-	-	-
Hardness	EPA:200.7	mg/L	11	11	100	45	48.3545	51.8	0	0	-	-	0	0	0	0	-	-	3	-	-	-
Hardness	SM:A2340B	mg/L	92	92	100	38.5	57.2478	142	0	0	-	-	0	0	0	0	-	-	11	-	-	-
Magnesium	SW-846:6010B	mg/L	138	138	100	0.282	3.59685	10.2	0	0	-	-	0	0	0	0	-	-	11	-	-	-
Nitrate-Nitrite as Nitrogen	EPA:353.1	mg/L	66	56	85	0.0469	0.99303	4.89	10	15	-	-	0	0	0	0	10	MCL	10	-	-	-
Perchlorate	EPA:314.0	ug/L	62	4	6	4.77	5.5375	6.38	58	94	0.44	1	0	0	0	0	24.5	Reg6	11	-	-	-
Perchlorate	SW846 6850 Modified	ug/L	55	43	78	0.0517	0.81202	6.03	12	22	0.44	3	0	0	0	0	24.5	Reg6	11	-	-	-
pH	EPA:150.1	SU	47	47	100	7.09	7.9234	8.67	0	0	8.64	1	0	0	0	0	-	-	9	-	-	-
Potassium	SW-846:6010B	mg/L	138	138	100	1.25	2.00486	5.08	0	0	-	-	0	0	0	0	-	-	11	-	-	-
Silicon Dioxide	SW-846:6010B	mg/L	95	92	97	15.2	60.0283	80.6	3	3	-	-	0	0	0	0	-	-	11	-	-	-
Sodium	SW-846:6010B	mg/L	138	138	100	9.23	13.1403	31.3	0	0	-	-	0	0	0	0	-	-	11	-	-	-
Specific Conductance	EPA:120.1	uS/cm	30	30	100	116	160.133	367	0	0	287.21	1	0	0	0	0	-	-	9	-	-	-
Specific Conductance	SW-846:9050A	uS/cm	17	17	100	104	134.588	165	0	0	287.21	-	0	0	0	0	-	-	5	-	-	-
Sulfate	EPA:300.0	mg/L	47	47	100	1.74	5.8166	41.3	0	0	-	-	0	0	0	0	-	-	9	-	-	-
Suspended Sediment Concentration	EPA:160.2	mg/L	50	11	22	0.722	5.50473	13.5	39	78	-	-	0	0	0	0	-	-	11	-	-	-
Total Kjeldahl Nitrogen	EPA:351.2	mg/L	118	42	36	0.012	0.46867	4.07	76	64	-	-	0	0	0	0	-	-	11	-	-	-
Total Organic Carbon	SW-846:9060	mg/L	115	80	70	0.202	0.77553	3.33	35	30	1.37	2	0	0	0	0	-	-	11	-	-	-
Total Phosphate as Phosphorus	EPA:365.4	mg/L	71	25	35	0.013	0.24152	1.02	46	65	-	-	0	0	0	0	-	-	10	-	-	-
Total Suspended Solids	EPA:160.2	mg/L	15	5	33	2.08	3.96	6	10	67	-	-	0	0	0	0	-	-	5	-	-	-
Mortandad, Metals, F, Ephemeral																						
Aluminum	EPA:200.7	ug/L	14	13	93	64.8	1226.37	4230	1	7	-	-	0	6	8	57	750	AqAcF	9	6	7	E-1E, E-1W, M-1E, M-1W, Mortandad below Effluent Canyon, TS-1W
Aluminum	SW-846:6010B	ug/L	39	32	82	79.8	1845.2	12500	7	18	-	-	0	10	15	38	750	AqAcF	9	3	5	M-1E, M-1W, Mortandad below Effluent Canyon

Table B-3
Screening Table for Mortandad Canyon Watershed

Analyte	Method	Units	No. of Analyses	No. of Detects	D Rate %	Min	Mean	Max	No. of Non-detects	ND Rate %	BV	D> BV	ND> Std	D> Std	D> Std/2	D>Std/2 Rate %	Level	Std Type	Locations with Data (number)	D>Std (number of locations)	D>Std/2 (number of locations)	D>Std Stations
Antimony	EPA:200.8	ug/L	14	7	50	0.513	0.59743	0.8	7	50	-	-	0	0	0	0	640	HHEF	9	-	-	-
Antimony	SW-846:6020	ug/L	39	4	10	0.57	1.0725	1.7	35	90	-	-	0	0	0	0	640	HHEF	9	-	-	-
Arsenic	EPA:200.7	ug/L	14	0	0	*1.67*	*4.68214*	*8.4*	14	100	-	-	0	0	0	0	9	HHEF	9	-	-	-
Arsenic	SW-846:6010B	ug/L	23	1	4	7.8	7.8	7.8	22	96	-	-	0	0	1	4	9	HHEF	9	-	1	-
Arsenic	SW-846:6020	ug/L	16	5	31	1.7	1.88	2.2	11	69	-	-	0	0	0	0	9	HHEF	7	-	-	-
Barium	EPA:200.7	ug/L	14	14	100	15.4	58.0786	210	0	0	-	-	0	0	0	0	-	-	9	-	-	-
Barium	SW-846:6010B	ug/L	39	39	100	28.3	138.531	930	0	0	-	-	0	0	0	0	-	-	9	-	-	-
Beryllium	EPA:200.7	ug/L	12	0	0	*0.172*	*0.793*	*1*	12	100	-	-	0	0	0	0	-	-	9	-	-	-
Beryllium	SW-846:6010B	ug/L	39	0	0	*1*	*1*	*1*	39	100	-	-	0	0	0	0	-	-	9	-	-	-
Boron	EPA:200.7	ug/L	14	13	93	12.5	43.7923	104	1	7	-	-	0	0	0	0	750	IrF	9	-	-	-
Boron	SW-846:6010B	ug/L	39	32	82	10.9	47.0656	121	7	18	-	-	0	0	0	0	750	IrF	9	-	-	-
Cadmium	EPA:200.8	ug/L	14	2	14	0.112	0.1295	0.147	12	86	-	-	0	0	0	0	2	AqAcF	9	-	-	-
Cadmium	SW-846:6020	ug/L	39	7	18	0.1	0.32	0.53	32	82	-	-	0	0	0	0	2	AqAcF	9	-	-	-
Chromium	EPA:200.7	ug/L	14	5	36	1.1	2.142	4.2	9	64	-	-	0	0	0	0	100	IrF	9	-	-	-
Chromium	SW-846:6010B	ug/L	8	7	88	2.3	9.67143	36.4	1	13	-	-	0	0	0	0	100	IrF	7	-	-	-
Chromium	SW-846:6020	ug/L	31	25	81	1.3	6.172	38.8	6	19	-	-	0	0	0	0	100	IrF	9	-	-	-
Cobalt	EPA:200.7	ug/L	14	3	21	1.6	6.16667	14.2	11	79	-	-	0	0	0	0	50	IrF	9	-	-	-
Cobalt	SW-846:6010B	ug/L	39	14	36	1	3.95714	10.5	25	64	-	-	0	0	0	0	50	IrF	9	-	-	-
Copper	EPA:200.7	ug/L	14	11	79	3.1	7.39364	12.9	3	21	-	-	0	0	5	36	13.4	AqAcF	9	-	2	-
Copper	SW-846:6010B	ug/L	33	22	67	3	8.1	29.2	11	33	-	-	0	2	9	27	13.4	AqAcF	9	2	6	E-1FW, M-1E
Iron	EPA:200.7	ug/L	14	14	100	41.9	1109.86	5730	0	0	-	-	0	0	0	0	-	-	9	-	-	-
Iron	SW-846:6010B	ug/L	39	34	87	26	1519.59	7280	5	13	-	-	0	0	0	0	-	-	9	-	-	-
Lead	EPA:200.8	ug/L	14	10	71	0.05	0.8532	3.1	4	29	-	-	0	0	0	0	64.6	AqAcF	9	-	-	-
Lead	SW-846:6020	ug/L	39	9	23	1.1	3.53333	8.1	30	77	-	-	0	0	0	0	64.6	AqAcF	9	-	-	-
Manganese	EPA:200.7	ug/L	14	13	93	1.67	73.5023	547	1	7	-	-	0	0	0	0	-	-	9	-	-	-
Manganese	SW-846:6010B	ug/L	39	33	85	2.4	284.136	1850	6	15	-	-	0	0	0	0	-	-	9	-	-	-
Mercury	EPA:245.1	ug/L	5	0	0	*0.047*	*0.04712*	*0.0472*	5	100	-	-	0	0	0	0	1.4	AqAcF	1	-	-	-
Mercury	EPA:245.2	ug/L	47	1	2	0.043	0.043	0.043	46	98	-	-	0	0	0	0	1.4	AqAcF	9	-	-	-
Molybdenum	EPA:200.7	ug/L	14	12	86	3.1	25.575	45.7	2	14	-	-	0	0	0	0	1000	IrF	9	-	-	-
Molybdenum	SW-846:6010B	ug/L	39	33	85	4.8	44.5	212	6	15	-	-	0	0	0	0	1000	IrF	9	-	-	-
Nickel	EPA:200.7	ug/L	14	3	21	6.17	8.54	13	11	79	-	-	0	0	0	0	467	AqAcF	9	-	-	-
Nickel	SW-846:6020	ug/L	39	36	92	1.4	5.05	17.3	3	8	-	-	0	0	0	0	467	AqAcF	9	-	-	-
Selenium	EPA:200.7	ug/L	9	1	11	9.7	9.7	9.7	8	89	-	-	0	0	0	0	50	LWF	9	-	-	-
Selenium	SW-846:6020	ug/L	39	0	0	*1*	*2.58718*	*5.2*	39	100	-	-	0	0	0	0	50	LWF	9	-	-	-
Silver	EPA:200.7	ug/L	14	0	0	*0.819*	*0.93536*	*1*	14	100	-	-	0	0	0	0	3.2	AqAcF	9	-	-	-
Silver	SW-846:6020	ug/L	39	0	0	*0.2*	*0.2*	*0.2*	39	100	-	-	0	0	0	0	3.2	AqAcF	9	-	-	-
Strontium	EPA:200.7	ug/L	14	14	100	26.7	73.4786	158	0	0	-	-	0	0	0	0	-	-	9	-	-	-
Strontium	SW-846:6010B	ug/L	39	39	100	18.2	129.662	631	0	0	-	-	0	0	0	0	-	-	9	-	-	-
Thallium	EPA:200.8	ug/L	14	5	36	0.092	0.1316	0.194	9	64	-	-	0	0	0	0	6.3	HHEF	9	-	-	-
Thallium	SW-846:6020	ug/L	39	4	10	0.42	0.58	0.88	35	90	-	-	0	0	0	0	6.3	HHEF	9	-	-	-
Tin	EPA:200.7	ug/L	14	1	7	3.7	3.7	3.7	13	93	-	-	0	0	0	0	-	-	9	-	-	-
Tin	SW-846:6010B	ug/L	39	0	0	*2.5*	*3.92051*	*25*	39	100	-	-	0	0	0	0	-	-	9	-	-	-
Uranium	SW-846:6020	ug/L	39	29	74	0.054	0.51521	3.6	10	26	-	-	0	0	0	0	-	-	9	-	-	-
Vanadium	EPA:200.7	ug/L	14	6	43	1.2	3.03667	5.06	8	57	-	-	0	0	0	0	100	IrF	9	-	-	-
Vanadium	SW-846:6010B	ug/L	39	22	56	1.2	5.03636	20.4	17	44	-	-	0	0	0	0	100	IrF	9	-	-	-
Zinc	EPA:200.7	ug/L	14	12	86	2.6	12.6358	38.3	2	14	-	-	0	0	0	0	117.2	AqAcF	9	-	-	-
Zinc	SW-846:6010B	ug/L	39	29	74	2.7	30.6483	172	10	26	-	-	0	2	4	10	117.2	AqAcF	9	1	2	M-1W
Mortandad, Metals, UF, Ephemeral																						
Aluminum	EPA:200.7	ug/L	9	9	100	160	4489	13900	0	0	-	-	0	0	0	0	-	-	9	-	-	-
Aluminum	SW-846:6010B	ug/L	39	36	92	96.5	9149.51	72000	3	8	-	-	0	0	0	0	-	-	9	-	-	-
Antimony	EPA:200.8	ug/L	9	3	33	0.55	0.64667	0.84	6	67	-	-	0	0	0	0	-	-	9	-	-	-
Antimony	SW-846:6020	ug/L	39	4	10	0.56	0.935	1.7	35	90	-	-	0	0	0	0	-	-	9	-	-	-
Arsenic	EPA:200.7	ug/L	9	0	0	*6*	*6*	*6*	9	100	-	-	0	0	0	0	-	-	9	-	-	-
Arsenic	SW-846:6010B	ug/L	23	2	9	7.5	7.55	7.6	21	91	-	-	0	0	0	0	-	-	9	-	-	-
Arsenic	SW-846:6020	ug/L	16	6	38	1.6	1.98333	2.5	10	63	-	-	0	0	0	0	-	-	7	-	-	-
Barium	EPA:200.7	ug/L	9	9	100	36.5	85.8333	201	0	0	-	-	0	0	0	0	-	-	9	-	-	-
Barium	SW-846:6010B	ug/L	39	39	100	32.9	168.428	965	0	0	-	-	0	0	0	0	-	-	9	-	-	-
Beryllium	EPA:200.7	ug/L	9	0	0	*1*	*1*	*1*	9	100	-	-	0	0	0	0	-	-	9	-	-	-

Table B-3
Screening Table for Mortandad Canyon Watershed

Analyte	Method	Units	No. of Analyses	No. of Detects	D Rate %	Min	Mean	Max	No. of Non-detects	ND Rate %	BV	D> BV	ND> Std	D> Std	D> Std/2	D>Std/2 Rate %	Level	Std Type	Locations with Data (number)	D>Std (number of locations)	D>Std/2 (number of locations)	D>Std Stations
Beryllium	SW-846:6010B	ug/L	39	7	18	1.1	2.21429	4.1	32	82	-	-	0	0	0	0	-	-	9	-	-	-
Boron	EPA:200.7	ug/L	9	9	100	11.2	24.8556	43.4	0	0	-	-	0	0	0	0	-	-	9	-	-	-
Boron	SW-846:6010B	ug/L	39	32	82	11.9	47.9844	120	7	18	-	-	0	0	0	0	-	-	9	-	-	-
Cadmium	EPA:200.8	ug/L	9	2	22	0.12	0.12	0.12	7	78	-	-	0	0	0	0	-	-	9	-	-	-
Cadmium	SW-846:6020	ug/L	39	16	41	0.1	0.33125	1.2	23	59	-	-	0	0	0	0	-	-	9	-	-	-
Chromium	EPA:200.7	ug/L	9	5	56	2.1	6	9.4	4	44	-	-	0	0	0	0	-	-	9	-	-	-
Chromium	SW-846:6010B	ug/L	8	8	100	2.4	14.2625	46.3	0	0	-	-	0	0	0	0	-	-	7	-	-	-
Chromium	SW-846:6020	ug/L	31	27	87	1.2	9.47037	43.1	4	13	-	-	0	0	0	0	-	-	9	-	-	-
Cobalt	EPA:200.7	ug/L	9	1	11	9.6	9.6	9.6	8	89	-	-	0	0	0	0	-	-	9	-	-	-
Cobalt	SW-846:6010B	ug/L	39	12	31	1	4.23333	11.4	27	69	-	-	0	0	0	0	-	-	9	-	-	-
Copper	EPA:200.7	ug/L	9	8	89	3.6	6.15	10.6	1	11	-	-	0	0	0	0	-	-	9	-	-	-
Copper	SW-846:6010B	ug/L	35	28	80	3.2	12.2786	45.3	7	20	-	-	0	0	0	0	-	-	9	-	-	-
Iron	EPA:200.7	ug/L	9	9	100	467	3121.89	8410	0	0	-	-	0	0	0	0	-	-	9	-	-	-
Iron	SW-846:6010B	ug/L	39	38	97	181	6081.87	44800	1	3	-	-	0	0	0	0	-	-	9	-	-	-
Lead	EPA:200.8	ug/L	9	7	78	1.4	3.28571	9.6	2	22	-	-	0	0	0	0	-	-	9	-	-	-
Lead	SW-846:6020	ug/L	39	30	77	0.53	6.541	33.6	9	23	-	-	0	0	0	0	-	-	9	-	-	-
Manganese	EPA:200.7	ug/L	9	9	100	5.9	99.6556	396	0	0	-	-	0	0	0	0	-	-	9	-	-	-
Manganese	SW-846:6010B	ug/L	39	38	97	2.5	300.724	2010	1	3	-	-	0	0	0	0	-	-	9	-	-	-
Mercury	EPA:245.1	ug/L	5	0	0	*0.047*	*0.04712*	*0.0472*	5	100	-	-	0	0	0	0	10	WHU	1	-	-	-
Mercury	EPA:245.2	ug/L	47	4	9	0.05	0.07475	0.12	43	91	-	-	0	0	0	0	10	WHU	9	-	-	-
Molybdenum	EPA:200.7	ug/L	9	7	78	3.3	24.1286	46.1	2	22	-	-	0	0	0	0	-	-	9	-	-	-
Molybdenum	SW-846:6010B	ug/L	39	33	85	4.8	46.4697	221	6	15	-	-	0	0	0	0	-	-	9	-	-	-
Nickel	EPA:200.7	ug/L	9	2	22	9	10.1	11.2	7	78	-	-	0	0	0	0	-	-	9	-	-	-
Nickel	SW-846:6020	ug/L	39	38	97	1.3	6.09474	18.8	1	3	-	-	0	0	0	0	-	-	9	-	-	-
Selenium	EPA:200.7	ug/L	14	1	7	2.55	2.55	2.55	13	93	-	-	0	0	0	0	20	AqAcU	9	-	-	-
Selenium	SW-846:6020	ug/L	39	0	0	*1*	*2.49744*	*3.7*	39	100	-	-	0	0	0	0	20	AqAcU	9	-	-	-
Silver	EPA:200.7	ug/L	9	0	0	*1*	*1*	*1*	9	100	-	-	0	0	0	0	-	-	9	-	-	-
Silver	SW-846:6020	ug/L	39	3	8	0.39	0.54	0.77	36	92	-	-	0	0	0	0	-	-	9	-	-	-
Strontium	EPA:200.7	ug/L	9	9	100	63.1	84.7	152	0	0	-	-	0	0	0	0	-	-	9	-	-	-
Strontium	SW-846:6010B	ug/L	39	39	100	40.5	135.805	654	0	0	-	-	0	0	0	0	-	-	9	-	-	-
Thallium	EPA:200.8	ug/L	9	0	0	*0.4*	*0.4*	*0.4*	9	100	-	-	0	0	0	0	-	-	9	-	-	-
Thallium	SW-846:6020	ug/L	39	1	3	0.73	0.73	0.73	38	97	-	-	0	0	0	0	-	-	9	-	-	-
Tin	EPA:200.7	ug/L	9	0	0	*2.5*	*2.6*	*3.4*	9	100	-	-	0	0	0	0	-	-	9	-	-	-
Tin	SW-846:6010B	ug/L	39	1	3	4.5	4.5	4.5	38	97	-	-	0	0	0	0	-	-	9	-	-	-
Uranium	SW-846:6020	ug/L	39	32	82	0.079	0.71088	3.5	7	18	-	-	0	0	0	0	-	-	9	-	-	-
Vanadium	EPA:200.7	ug/L	9	4	44	1	7.35	16.4	5	56	-	-	0	0	0	0	-	-	9	-	-	-
Vanadium	SW-846:6010B	ug/L	39	32	82	1.4	11.1906	60.6	7	18	-	-	0	0	0	0	-	-	9	-	-	-
Zinc	EPA:200.7	ug/L	9	8	89	4.1	26.5375	94	1	11	-	-	0	0	0	0	-	-	9	-	-	-
Zinc	SW-846:6010B	ug/L	39	31	79	2.6	72.7226	447	8	21	-	-	0	0	0	0	-	-	9	-	-	-
Mortandad, Metals, F, Springs																						
Aluminum	SW-846:6010B	ug/L	5	0	0	*68*	*68*	*68*	5	100	-	-	0	0	0	0	5000	NMGSF	1	-	-	-
Antimony	SW-846:6020	ug/L	5	0	0	*0.5*	*0.5*	*0.5*	5	100	-	-	0	0	0	0	6	MCL	1	-	-	-
Arsenic	SW-846:6010B	ug/L	2	0	0	*6*	*6*	*6*	2	100	-	-	0	0	0	0	10	MCL	1	-	-	-
Arsenic	SW-846:6020	ug/L	3	2	67	2.7	2.8	2.9	1	33	-	-	0	0	0	0	10	MCL	1	-	-	-
Barium	SW-846:6010B	ug/L	5	5	100	98.3	110.66	123	0	0	-	-	0	0	0	0	1000	NMGSF	1	-	-	-
Beryllium	SW-846:6010B	ug/L	5	0	0	*1*	*1*	*1*	5	100	-	-	0	0	0	0	4	MCL	1	-	-	-
Boron	SW-846:6010B	ug/L	5	5	100	93.7	105.72	120	0	0	-	-	0	0	0	0	750	NMGSF	1	-	-	-
Cadmium	SW-846:6020	ug/L	5	0	0	*0.1*	*0.102*	*0.11*	5	100	-	-	0	0	0	0	5	MCL	1	-	-	-
Chromium	SW-846:6020	ug/L	5	2	40	1.2	2.8	4.4	3	60	-	-	0	0	0	0	50	NMGSF	1	-	-	-
Cobalt	SW-846:6010B	ug/L	5	1	20	1.8	1.8	1.8	4	80	-	-	0	0	0	0	50	NMGSF	1	-	-	-
Copper	SW-846:6010B	ug/L	3	0	0	*3*	*3*	*3*	3	100	-	-	0	0	0	0	1000	NMGSF	1	-	-	-
Iron	SW-846:6010B	ug/L	5	0	0	*18*	*19.4*	*25*	5	100	-	-	0	0	0	0	1000	NMGSF	1	-	-	-
Lead	SW-846:6020	ug/L	5	0	0	*0.5*	*0.5*	*0.5*	5	100	-	-	0	0	0	0	15	MCL	1	-	-	-
Manganese	SW-846:6010B	ug/L	5	2	40	2.3	3.9	5.5	3	60	-	-	0	0	0	0	200	NMGSF	1	-	-	-
Mercury	EPA:245.2	ug/L	4	0	0	*0.06*	*0.06*	*0.06*	4	100	-	-	0	0	0	0	2	MCL	1	-	-	-
Molybdenum	SW-846:6010B	ug/L	5	4	80	2.4	2.525	2.7	1	20	-	-	0	0	0	0	1000	NMGSF	1	-	-	-
Nickel	SW-846:6020	ug/L	5	5	100	3.6	4.28	5	0	0	-	-	0	0	0	0	100	MCL	1	-	-	-
Selenium	SW-846:6020	ug/L	5	1	20	2.6	2.6	2.6	4	80	-	-	0	0	0	0	50	NMGSF	1	-	-	-

Table B-3
Screening Table for Mortandad Canyon Watershed

Analyte	Method	Units	No. of Analyses	No. of Detects	D Rate %	Min	Mean	Max	No. of Non-detects	ND Rate %	BV	D> BV	ND> Std	D> Std	D> Std/2	D>Std/2 Rate %	Level	Std Type	Locations with Data (number)	D>Std (number of locations)	D>Std/2 (number of locations)	D>Std Stations
Silver	SW-846:6020	ug/L	5	0	0	0.2	0.2	0.2	5	100	-	-	0	0	0	0	50	NMGSF	1	-	-	-
Strontium	SW-846:6010B	ug/L	5	5	100	561	632.4	689	0	0	-	-	0	0	0	0	21900	Reg6	1	-	-	-
Thallium	SW-846:6020	ug/L	5	0	0	0.3	0.38	0.4	5	100	-	-	0	0	0	0	2	MCL	1	-	-	-
Tin	SW-846:6010B	ug/L	5	1	20	2.9	2.9	2.9	4	80	-	-	0	0	0	0	21900	Reg6	1	-	-	-
Uranium	SW-846:6020	ug/L	5	5	100	22.3	28.86	32.6	0	0	-	-	0	2	5	100	30	NMGSF	1	1	1	Pine Rock Spring
Vanadium	SW-846:6010B	ug/L	5	5	100	10.3	12.88	15.4	0	0	-	-	0	0	0	0	182.5	Reg6	1	-	-	-
Zinc	SW-846:6010B	ug/L	5	0	0	2	2.18	2.9	5	100	-	-	0	0	0	0	10000	NMGSF	1	-	-	-
Mortandad, Metals, UF, Springs																						
Aluminum	SW-846:6010B	ug/L	4	1	25	343	343	343	3	75	-	-	0	0	0	0	36500	Reg6	1	-	-	-
Antimony	SW-846:6020	ug/L	4	0	0	0.5	0.5	0.5	4	100	-	-	0	0	0	0	6	MCL	1	-	-	-
Arsenic	SW-846:6010B	ug/L	2	0	0	6	6	6	2	100	-	-	0	0	0	0	10	MCL	1	-	-	-
Arsenic	SW-846:6020	ug/L	2	2	100	3.1	3.2	3.3	0	0	-	-	0	0	0	0	10	MCL	1	-	-	-
Barium	SW-846:6010B	ug/L	4	4	100	100	109.25	119	0	0	-	-	0	0	0	0	2000	MCL	1	-	-	-
Beryllium	SW-846:6010B	ug/L	4	0	0	1	1	1	4	100	-	-	0	0	0	0	4	MCL	1	-	-	-
Boron	SW-846:6010B	ug/L	4	4	100	96.8	108.75	121	0	0	-	-	0	0	0	0	7300	Reg6	1	-	-	-
Cadmium	SW-846:6020	ug/L	4	0	0	0.1	0.1	0.1	4	100	-	-	0	0	0	0	5	MCL	1	-	-	-
Chromium	SW-846:6020	ug/L	4	2	50	1.5	1.8	2.1	2	50	-	-	0	0	0	0	100	MCL	1	-	-	-
Cobalt	SW-846:6010B	ug/L	4	0	0	1	1	1	4	100	-	-	0	0	0	0	730	Reg6	1	-	-	-
Copper	SW-846:6010B	ug/L	3	0	0	3	3	3	3	100	-	-	0	0	0	0	1300	MCL	1	-	-	-
Iron	SW-846:6010B	ug/L	4	2	50	65.4	131.7	198	2	50	-	-	0	0	0	0	25550	Reg6	1	-	-	-
Lead	SW-846:6020	ug/L	4	0	0	0.5	0.5	0.5	4	100	-	-	0	0	0	0	15	Reg6	1	-	-	-
Manganese	SW-846:6010B	ug/L	4	2	50	2.4	2.75	3.1	2	50	-	-	0	0	0	0	1703.09	Reg6	1	-	-	-
Mercury	EPA:245.2	ug/L	4	0	0	0.06	0.06	0.06	4	100	-	-	0	0	0	0	2	NMGSU	1	-	-	-
Molybdenum	SW-846:6010B	ug/L	4	3	75	2.5	3.16667	4.3	1	25	-	-	0	0	0	0	182.5	Reg6	1	-	-	-
Nickel	SW-846:6020	ug/L	4	4	100	3.6	4.325	5	0	0	-	-	0	0	0	0	100	MCL	1	-	-	-
Selenium	SW-846:6020	ug/L	4	0	0	2.5	2.5	2.5	4	100	-	-	0	0	0	0	50	MCL	1	-	-	-
Silver	SW-846:6020	ug/L	4	0	0	0.2	0.2	0.2	4	100	-	-	0	0	0	0	182.5	Reg6	1	-	-	-
Strontium	SW-846:6010B	ug/L	4	4	100	572	633	694	0	0	-	-	0	0	0	0	21900	Reg6	1	-	-	-
Thallium	SW-846:6020	ug/L	4	0	0	0.4	0.4	0.4	4	100	-	-	0	0	0	0	2	MCL	1	-	-	-
Tin	SW-846:6010B	ug/L	4	0	0	2.5	2.5	2.5	4	100	-	-	0	0	0	0	21900	Reg6	1	-	-	-
Uranium	SW-846:6020	ug/L	4	4	100	22.3	28.5	32.5	0	0	-	-	0	2	4	100	30	MCL	1	1	1	Pine Rock Spring
Vanadium	SW-846:6010B	ug/L	4	4	100	10.5	12.575	15	0	0	-	-	0	0	0	0	182.5	Reg6	1	-	-	-
Zinc	SW-846:6010B	ug/L	4	0	0	2	2.6	4.4	4	100	-	-	0	0	0	0	10950	Reg6	1	-	-	-
Mortandad, Metals, F, Alluvial																						
Aluminum	SW-846:6010B	ug/L	83	62	75	52.6	1006.28	9410	21	25	-	-	0	4	7	8	5000	NMGSF	14	2	3	MCA-1, MCO-2
Antimony	SW-846:6020	ug/L	86	2	2	0.64	0.68	0.72	84	98	-	-	0	0	0	0	6	MCL	14	-	-	-
Arsenic	SW-846:6010B	ug/L	56	4	7	2.43	3.7325	6.3	52	93	-	-	0	0	1	2	10	MCL	13	-	1	-
Arsenic	SW-846:6020	ug/L	30	10	33	1.6	2.8	6.3	20	67	-	-	0	0	2	7	10	MCL	12	-	2	-
Barium	SW-846:6010B	ug/L	86	86	100	19.8	132.702	676	0	0	-	-	0	0	1	1	1000	NMGSF	14	-	1	-
Beryllium	SW-846:6010B	ug/L	76	2	3	1.3	1.6	1.9	74	97	-	-	0	0	0	0	4	MCL	13	-	-	-
Beryllium	SW-846:6020	ug/L	10	2	20	0.13	0.25	0.37	8	80	-	-	0	0	0	0	4	MCL	9	-	-	-
Boron	SW-846:6010B	ug/L	86	79	92	14.3	63.7633	97	7	8	-	-	0	0	0	0	750	NMGSF	14	-	-	-
Cadmium	SW-846:6020	ug/L	86	14	16	0.044	0.22171	1.4	72	84	-	-	0	0	0	0	5	MCL	14	-	-	-
Chromium	SW-846:6010B	ug/L	38	20	53	0.656	2.349	6	18	47	-	-	0	0	0	0	50	NMGSF	13	-	-	-
Chromium	SW-846:6020	ug/L	48	26	54	1.1	3.68077	41.8	22	46	-	-	0	0	1	2	50	NMGSF	12	-	1	-
Cobalt	SW-846:6010B	ug/L	86	20	23	1	5.85	25.4	66	77	-	-	0	0	1	1	50	NMGSF	14	-	1	-
Copper	SW-846:6010B	ug/L	72	18	25	1.67	6.11944	25.1	54	75	-	-	0	0	0	0	1000	NMGSF	14	-	-	-
Iron	SW-846:6010B	ug/L	86	67	78	13.7	1457.86	26500	19	22	-	-	0	12	15	17	1000	NMGSF	14	4	6	MCA-1, MCO-0.6, MCO-2, MCO-7.5
Lead	SW-846:6020	ug/L	86	23	27	0.055	0.95104	5.4	63	73	-	-	0	0	0	0	15	MCL	14	-	-	-
Manganese	SW-846:6010B	ug/L	76	30	39	0.307	632.029	5870	46	61	-	-	0	5	6	8	200	NMGSF	13	1	2	MCO-0.6
Manganese	SW-846:6020	ug/L	10	3	30	2.8	10.4	22.2	7	70	-	-	0	0	0	0	200	NMGSF	9	-	-	-
Mercury	EPA:245.1	ug/L	1	0	0	0.0472	0.0472	0.0472	1	100	-	-	0	0	0	0	2	MCL	1	-	-	-
Mercury	EPA:245.2	ug/L	59	0	0	0.03	0.05356	0.06	59	100	-	-	0	0	0	0	2	MCL	12	-	-	-
Mercury	SW-846:7470A	ug/L	10	0	0	0.05	0.05	0.05	10	100	-	-	0	0	0	0	2	MCL	9	-	-	-

Table B-3
Screening Table for Mortandad Canyon Watershed

Analyte	Method	Units	No. of Analyses	No. of Detects	D Rate %	Min	Mean	Max	No. of Non-detects	ND Rate %	BV	D> BV	ND> Std	D> Std	D> Std/2	D>Std/2 Rate %	Level	Std Type	Locations with Data (number)	D>Std (number of locations)	D>Std/2 (number of locations)	D>Std Stations
Molybdenum	SW-846:6010B	ug/L	76	63	83	2.6	64.2841	334	13	17	-	-	0	0	0	0	1000	NMGSF	13	-	-	-
Molybdenum	SW-846:6020	ug/L	10	10	100	1.2	63.02	93.3	0	0	-	-	0	0	0	0	1000	NMGSF	9	-	-	-
Nickel	SW-846:6010B	ug/L	27	14	52	1.26	4.95929	8.6	13	48	-	-	0	0	0	0	100	MCL	11	-	-	-
Nickel	SW-846:6020	ug/L	59	58	98	0.85	4.26931	26.4	1	2	-	-	0	0	0	0	100	MCL	12	-	-	-
Selenium	SW-846:6010B	ug/L	12	3	25	6.1	7.66667	9.6	9	75	-	-	0	0	0	0	50	NMGSF	11	-	-	-
Selenium	SW-846:6020	ug/L	59	6	10	1.1	1.53333	2.7	53	90	-	-	0	0	0	0	50	NMGSF	12	-	-	-
Silver	SW-846:6010B	ug/L	27	0	0	*0.197*	*0.99248*	*1.53*	27	100	-	-	0	0	0	0	50	NMGSF	11	-	-	-
Silver	SW-846:6020	ug/L	59	0	0	*0.2*	*0.2*	*0.2*	59	100	-	-	0	0	0	0	50	NMGSF	12	-	-	-
Strontium	SW-846:6010B	ug/L	86	86	100	26	133.358	448	0	0	-	-	0	0	0	0	21900	Reg6	14	-	-	-
Thallium	SW-846:6020	ug/L	86	11	13	0.245	0.45955	0.8	75	87	-	-	0	0	0	0	2	MCL	14	-	-	-
Tin	SW-846:6010B	ug/L	86	2	2	3.4	3.95	4.5	84	98	-	-	0	0	0	0	21900	Reg6	14	-	-	-
Uranium	SW-846:6020	ug/L	67	63	94	0.062	1.79916	28.5	4	6	-	-	0	0	1	1	30	NMGSF	13	-	1	-
Vanadium	SW-846:6010B	ug/L	86	46	53	0.821	3.15176	14.1	40	47	-	-	0	0	0	0	182.5	Reg6	14	-	-	-
Zinc	SW-846:6010B	ug/L	86	37	43	2.3	12.0073	85.9	49	57	-	-	0	0	0	0	10000	NMGSF	14	-	-	-
Mortandad, Metals, UF, Alluvial																						
Aluminum	SW-846:6010B	ug/L	81	66	81	72.1	3941.31	82300	15	19	-	-	0	2	2	2	36500	Reg6	14	1	1	MCO-2
Antimony	SW-846:6020	ug/L	85	3	4	0.53	0.78667	1.2	82	96	-	-	0	0	0	0	6	MCL	14	-	-	-
Arsenic	SW-846:6010B	ug/L	56	4	7	2.73	5.745	13	52	93	-	-	0	1	1	2	10	MCL	14	1	1	MCO-2
Arsenic	SW-846:6020	ug/L	29	13	45	1.6	3.3	14.2	16	55	-	-	0	1	2	7	10	MCL	12	1	2	MCO-2
Barium	SW-846:6010B	ug/L	85	85	100	21.7	141.759	702	0	0	-	-	0	0	0	0	2000	MCL	14	-	-	-
Beryllium	SW-846:6010B	ug/L	75	2	3	3.7	4.75	5.8	73	97	-	-	0	1	2	3	4	MCL	13	1	1	MCO-2
Beryllium	SW-846:6020	ug/L	10	3	30	0.1	0.28	0.56	7	70	-	-	0	0	0	0	4	MCL	9	-	-	-
Boron	SW-846:6010B	ug/L	85	78	92	14.8	64.8667	152	7	8	-	-	0	0	0	0	7300	Reg6	14	-	-	-
Cadmium	SW-846:6020	ug/L	85	17	20	0.053	0.26106	1	68	80	-	-	0	0	0	0	5	MCL	14	-	-	-
Chromium	SW-846:6010B	ug/L	38	24	63	0.995	2.74146	12.9	14	37	-	-	0	0	0	0	100	MCL	13	-	-	-
Chromium	SW-846:6020	ug/L	47	31	66	1.1	18.8839	258	16	34	-	-	0	2	2	4	100	MCL	12	1	1	MCO-2
Cobalt	SW-846:6010B	ug/L	85	11	13	1	9.35364	20	74	87	-	-	0	0	0	0	730	Reg6	14	-	-	-
Copper	SW-846:6010B	ug/L	73	24	33	1.51	11.5342	93.6	49	67	-	-	0	0	0	0	1300	MCL	14	-	-	-
Iron	SW-846:6010B	ug/L	85	72	85	23.8	3060.33	60000	13	15	-	-	0	3	4	5	25550	Reg6	14	2	2	MCO-0.6, MCO-2
Lead	SW-846:6020	ug/L	85	37	44	0.062	3.22281	42	48	56	-	-	0	2	2	2	15	Reg6	14	1	1	MCO-2
Manganese	SW-846:6010B	ug/L	75	52	69	0.801	384.313	5090	23	31	-	-	0	5	5	7	1703.09	Reg6	13	1	1	MCO-0.6
Manganese	SW-846:6020	ug/L	10	7	70	1	8.51429	32.9	3	30	-	-	0	0	0	0	1703.09	Reg6	9	-	-	-
Mercury	EPA:245.1	ug/L	17	1	6	0.245	0.245	0.245	16	94	-	-	0	0	0	0	2	NMGSU	7	-	-	-
Mercury	EPA:245.2	ug/L	60	3	5	0.067	1.69567	4.9	57	95	-	-	0	1	1	2	2	NMGSU	12	1	1	MCO-7
Mercury	SW-846:7470A	ug/L	10	1	10	0.054	0.054	0.054	9	90	-	-	0	0	0	0	2	NMGSU	9	-	-	-
Molybdenum	SW-846:6010B	ug/L	75	64	85	2	74.4219	731	11	15	-	-	0	2	3	4	182.5	Reg6	13	1	2	MCO-2
Molybdenum	SW-846:6020	ug/L	10	10	100	1.3	63.33	94.2	0	0	-	-	0	0	1	10	182.5	Reg6	9	-	1	-
Nickel	SW-846:6010B	ug/L	27	17	63	2	5.48059	8.9	10	37	-	-	0	0	0	0	100	MCL	11	-	-	-
Nickel	SW-846:6020	ug/L	58	57	98	1	5.72632	43.6	1	2	-	-	0	0	0	0	100	MCL	12	-	-	-
Selenium	SW-846:6010B	ug/L	27	1	4	7.7	7.7	7.7	26	96	-	-	0	0	0	0	50	MCL	11	-	-	-
Selenium	SW-846:6020	ug/L	58	3	5	1.2	1.4	1.6	55	95	-	-	0	0	0	0	50	MCL	12	-	-	-
Silver	SW-846:6010B	ug/L	27	0	0	*0.197*	*0.9803*	*1.59*	27	100	-	-	0	0	0	0	182.5	Reg6	11	-	-	-
Silver	SW-846:6020	ug/L	58	2	3	0.41	0.505	0.6	56	97	-	-	0	0	0	0	182.5	Reg6	12	-	-	-
Strontium	SW-846:6010B	ug/L	85	85	100	47.9	135.228	437	0	0	-	-	0	0	0	0	21900	Reg6	14	-	-	-
Thallium	SW-846:6020	ug/L	85	1	1	0.57	0.57	0.57	84	99	-	-	0	0	0	0	2	MCL	14	-	-	-
Tin	SW-846:6010B	ug/L	85	2	2	3.1	4.1	5.1	83	98	-	-	0	0	0	0	21900	Reg6	14	-	-	-
Uranium	SW-846:6020	ug/L	69	67	97	0.1	1.51239	8.9	2	3	-	-	0	0	0	0	30	MCL	13	-	-	-
Vanadium	SW-846:6010B	ug/L	85	54	64	0.718	6.04883	77.3	31	36	-	-	0	0	0	0	182.5	Reg6	14	-	-	-
Zinc	SW-846:6010B	ug/L	84	38	45	1.63	20.0737	208	46	55	-	-	0	0	0	0	10950	Reg6	14	-	-	-
Mortandad, Metals, F, Intermediate																						
Aluminum	SW-846:6010B	ug/L	39	0	0	*50*	*69.1795*	*100*	39	100	-	-	0	0	0	0	5000	NMGSF	5	-	-	-
Antimony	SW-846:6020	ug/L	39	6	15	0.61	1.45167	2.7	33	85	-	-	0	0	0	0	6	MCL	5	-	-	-
Arsenic	SW-846:6010B	ug/L	26	0	0	*5*	*5.88462*	*6*	26	100	-	-	0	0	0	0	10	MCL	5	-	-	-
Arsenic	SW-846:6020	ug/L	13	0	0	*1.5*	*1.8*	*3.9*	13	100	-	-	0	0	0	0	10	MCL	4	-	-	-
Barium	SW-846:6010B	ug/L	39	39	100	12.9	24.941	54	0	0	-	-	0	0	0	0	1000	NMGSF	5	-	-	-
Beryllium	SW-846:6010B	ug/L	32	0	0	*1*	*1*	*1*	32	100	-	-	0	0	0	0	4	MCL	4	-	-	-
Beryllium	SW-846:6020	ug/L	7	0	0	*0.1*	*0.14286*	*0.2*	7	100	-	-	0	0	0	0	4	MCL	4	-	-	-

Table B-3
Screening Table for Mortandad Canyon Watershed

Analyte	Method	Units	No. of Analyses	No. of Detects	D Rate %	Min	Mean	Max	No. of Non-detects	ND Rate %	BV	D> BV	ND> Std	D> Std	D> Std/2	D>Std/2 Rate %	Level	Std Type	Locations with Data (number)	D>Std (number of locations)	D>Std/2 (number of locations)	D>Std Stations
Boron	SW-846:6010B	ug/L	39	36	92	20.8	28.8444	50.5	3	8	-	-	0	0	0	0	750	NMGSF	5	-	-	-
Cadmium	SW-846:6020	ug/L	39	2	5	0.14	0.16	0.18	37	95	-	-	0	0	0	0	5	MCL	5	-	-	-
Chromium	SW-846:6010B	ug/L	15	14	93	2.2	34.7857	58.2	1	7	-	-	0	5	9	60	50	NMGSF	5	2	3	MCOBT-4.4, MCOI-6
Chromium	SW-846:6020	ug/L	24	19	79	1.7	22.5211	43.9	5	21	-	-	0	0	9	38	50	NMGSF	4	-	1	-
Chromium hexavalent ion	SW-846:7199	ug/L	1	1	100	53.2	53.2	53.2	0	0	-	-	0	1	1	100	50	NMGSF	1	1	1	MCOI-6
Cobalt	SW-846:6010B	ug/L	39	9	23	0.92	3.31333	8	30	77	-	-	0	0	0	0	50	NMGSF	5	-	-	-
Copper	SW-846:6010B	ug/L	35	24	69	2.28	12.5908	30.5	11	31	-	-	0	0	0	0	1000	NMGSF	5	-	-	-
Iron	SW-846:6010B	ug/L	39	13	33	22.8	1615.08	12800	26	67	-	-	0	3	4	10	1000	NMGSF	5	1	1	MCOI-8
Lead	SW-846:6020	ug/L	39	0	0	*0.05*	*0.51615*	*2*	39	100	-	-	0	0	0	0	15	MCL	5	-	-	-
Manganese	SW-846:6010B	ug/L	32	26	81	2.7	179.631	1270	6	19	-	-	0	4	5	16	200	NMGSF	4	1	2	MCOI-8
Manganese	SW-846:6020	ug/L	7	4	57	15.9	57.15	157	3	43	-	-	0	0	1	14	200	NMGSF	4	-	1	-
Mercury	EPA:245.2	ug/L	28	0	0	*0.03*	*0.05464*	*0.09*	28	100	-	-	0	0	0	0	2	MCL	3	-	-	-
Mercury	SW-846:7470A	ug/L	7	0	0	*0.05*	*0.11429*	*0.2*	7	100	-	-	0	0	0	0	2	MCL	4	-	-	-
Molybdenum	SW-846:6010B	ug/L	32	12	38	2	13.425	56.1	20	63	-	-	0	0	0	0	1000	NMGSF	4	-	-	-
Molybdenum	SW-846:6020	ug/L	7	7	100	0.74	2.27286	8.1	0	0	-	-	0	0	0	0	1000	NMGSF	4	-	-	-
Nickel	SW-846:6010B	ug/L	7	5	71	2.25	13.67	55.8	2	29	-	-	0	0	1	14	100	MCL	4	-	1	-
Nickel	SW-846:6020	ug/L	32	30	94	0.74	10.768	62.2	2	6	-	-	0	0	2	6	100	MCL	4	-	1	-
Selenium	SW-846:6010B	ug/L	7	0	0	*5*	*5.57143*	*6*	7	100	-	-	0	0	0	0	50	NMGSF	4	-	-	-
Selenium	SW-846:6020	ug/L	32	0	0	*1*	*2.33125*	*2.5*	32	100	-	-	0	0	0	0	50	NMGSF	4	-	-	-
Silver	SW-846:6010B	ug/L	7	0	0	*1*	*2.71429*	*5*	7	100	-	-	0	0	0	0	50	NMGSF	4	-	-	-
Silver	SW-846:6020	ug/L	32	0	0	*0.2*	*0.2*	*0.2*	32	100	-	-	0	0	0	0	50	NMGSF	4	-	-	-
Strontium	SW-846:6010B	ug/L	39	39	100	75.5	152.036	225	0	0	-	-	0	0	0	0	21900	Reg6	5	-	-	-
Thallium	SW-846:6020	ug/L	39	9	23	0.08	0.49333	0.75	30	77	-	-	0	0	0	0	2	MCL	5	-	-	-
Tin	SW-846:6010B	ug/L	36	0	0	*2.5*	*3.35833*	*12.5*	36	100	-	-	0	0	0	0	21900	Reg6	4	-	-	-
Uranium	SW-846:6020	ug/L	35	28	80	0.075	0.27232	0.53	7	20	-	-	0	0	0	0	30	NMGSF	5	-	-	-
Vanadium	SW-846:6010B	ug/L	39	18	46	0.98	1.48778	2.5	21	54	-	-	0	0	0	0	182.5	Reg6	5	-	-	-
Zinc	SW-846:6010B	ug/L	39	35	90	1.06	74.6134	294	4	10	-	-	0	0	0	0	10000	NMGSF	5	-	-	-
Mortandad, Metals, UF, Intermediate																						
Aluminum	SW-846:6010B	ug/L	38	12	32	23.6	1099.46	3410	26	68	-	-	0	0	0	0	36500	Reg6	5	-	-	-
Antimony	SW-846:6020	ug/L	38	6	16	1.2	2.9	7.1	32	84	-	-	0	1	2	5	6	MCL	5	1	1	MCOI-5
Arsenic	SW-846:6010B	ug/L	26	0	0	*5*	*5.88462*	*6*	26	100	-	-	0	0	0	0	10	MCL	5	-	-	-
Arsenic	SW-846:6020	ug/L	12	1	8	1.5	1.5	1.5	11	92	-	-	0	0	0	0	10	MCL	3	-	-	-
Barium	SW-846:6010B	ug/L	38	38	100	13.1	28.0658	70	0	0	-	-	0	0	0	0	2000	MCL	5	-	-	-
Beryllium	SW-846:6010B	ug/L	31	0	0	*1*	*1*	*1*	31	100	-	-	0	0	0	0	4	MCL	4	-	-	-
Beryllium	SW-846:6020	ug/L	7	1	14	0.15	0.15	0.15	6	86	-	-	0	0	0	0	4	MCL	4	-	-	-
Boron	SW-846:6010B	ug/L	38	36	95	20.8	28.425	50.9	2	5	-	-	0	0	0	0	7300	Reg6	5	-	-	-
Cadmium	SW-846:6020	ug/L	38	1	3	0.17	0.17	0.17	37	97	-	-	0	0	0	0	5	MCL	5	-	-	-
Chromium	SW-846:6010B	ug/L	15	15	100	41.4	208.387	938	0	0	-	-	0	5	12	80	100	MCL	5	3	5	MCOI-4, MCOI-5, MCOI-8
Chromium	SW-846:6020	ug/L	23	21	91	1.5	50.1476	396	2	9	-	-	0	2	3	13	100	MCL	4	1	2	MCOI-8
Chromium hexavalent ion	SW-846:7196A	ug/L	4	3	75	17.7	33.7333	42.1	1	25	-	-	0	0	0	0	100	MCL	3	-	-	-
Chromium hexavalent ion	SW-846:7199	ug/L	3	3	100	1.4	18.6333	53	0	0	-	-	0	0	1	33	100	MCL	2	-	1	-
Cobalt	SW-846:6010B	ug/L	38	9	24	1	4.00222	9	29	76	-	-	0	0	0	0	730	Reg6	5	-	-	-
Copper	SW-846:6010B	ug/L	35	31	89	2.16	42.9052	211	4	11	-	-	0	0	0	0	1300	MCL	5	-	-	-
Iron	SW-846:6010B	ug/L	38	26	68	18.8	2158.2	20200	12	32	-	-	0	0	1	3	25550	Reg6	5	-	1	-
Lead	SW-846:6020	ug/L	38	23	61	0.56	3.26522	13.8	15	39	-	-	0	0	3	8	15	Reg6	5	-	2	-
Manganese	SW-846:6010B	ug/L	31	26	84	2.1	153.719	1290	5	16	-	-	0	0	3	10	1703.09	Reg6	4	-	1	-
Manganese	SW-846:6020	ug/L	7	4	57	23.3	77	231	3	43	-	-	0	0	0	0	1703.09	Reg6	4	-	-	-
Mercury	EPA:245.2	ug/L	28	0	0	*0.03*	*0.05354*	*0.06*	28	100	-	-	0	0	0	0	2	NMGSU	3	-	-	-
Mercury	SW-846:7470A	ug/L	7	0	0	*0.05*	*0.11429*	*0.2*	7	100	-	-	0	0	0	0	2	NMGSU	4	-	-	-
Molybdenum	SW-846:6010B	ug/L	31	10	32	2.1	18.4	65.3	21	68	-	-	0	0	0	0	182.5	Reg6	4	-	-	-
Molybdenum	SW-846:6020	ug/L	7	7	100	0.74	4.51	20.8	0	0	-	-	0	0	0	0	182.5	Reg6	4	-	-	-
Nickel	SW-846:6010B	ug/L	7	5	71	3	92.086	414	2	29	-	-	0	1	1	14	100	MCL	4	1	1	MCOI-5
Nickel	SW-846:6020	ug/L	31	29	94	0.86	47.1745	488	2	6	-	-	0	4	5	16	100	MCL	4	2	2	MCOI-5, MCOI-8
Selenium	SW-846:6010B	ug/L	7	0	0	*5*	*5.57143*	*6*	7	100	-	-	0	0	0	0	50	MCL	4	-	-	-
Selenium	SW-846:6020	ug/L	31	0	0	*1*	*2.31613*	*2.5*	31	100	-	-	0	0	0	0	50	MCL	4	-	-	-

Table B-3
Screening Table for Mortandad Canyon Watershed

Analyte	Method	Units	No. of Analyses	No. of Detects	D Rate %	Min	Mean	Max	No. of Non-detects	ND Rate %	BV	D> BV	ND> Std	D> Std	D> Std/2	D>Std/2 Rate %	Level	Std Type	Locations with Data (number)	D>Std (number of locations)	D>Std/2 (number of locations)	D>Std Stations
Silver	SW-846:6010B	ug/L	7	0	0	1	2.71429	5	7	100	-	-	0	0	0	0	182.5	Reg6	4	-	-	-
Silver	SW-846:6020	ug/L	31	2	6	0.21	0.235	0.26	29	94	-	-	0	0	0	0	182.5	Reg6	4	-	-	-
Strontium	SW-846:6010B	ug/L	38	38	100	78.4	155.45	225	0	0	-	-	0	0	0	0	21900	Reg6	5	-	-	-
Thallium	SW-846:6020	ug/L	38	0	0	0.02	0.38474	0.5	38	100	-	-	0	0	0	0	2	MCL	5	-	-	-
Tin	SW-846:6010B	ug/L	35	1	3	5.4	5.4	5.4	34	97	-	-	0	0	0	0	21900	Reg6	4	-	-	-
Uranium	SW-846:6020	ug/L	34	27	79	0.094	0.33607	1.3	7	21	-	-	0	0	0	0	30	MCL	5	-	-	-
Vanadium	SW-846:6010B	ug/L	38	21	55	0.92	2.37238	8.6	17	45	-	-	0	0	0	0	182.5	Reg6	5	-	-	-
Zinc	SW-846:6010B	ug/L	38	34	89	1.77	141.996	1070	4	11	-	-	0	0	0	0	10950	Reg6	5	-	-	-
Mortandad, Metals, F, Regional																						
Aluminum	SW-846:6010B	ug/L	119	7	6	15.3	24.6571	40.5	112	94	73.5	-	0	0	0	0	5000	NMGSF	11	-	-	-
Antimony	SW-846:6020	ug/L	128	0	0	0.12	0.51566	2	128	100	1	-	0	0	0	0	6	MCL	11	-	-	-
Arsenic	SW-846:6010B	ug/L	91	11	12	2.26	5.15091	8.24	80	88	12	-	0	0	5	5	10	MCL	11	-	3	-
Arsenic	SW-846:6020	ug/L	37	14	38	1.7	2.59286	4.3	23	62	12	-	0	0	0	0	10	MCL	11	-	-	-
Barium	SW-846:6010B	ug/L	128	127	99	5.3	39.2047	102	1	1	56.83	4	0	0	0	0	1000	NMGSF	11	-	-	-
Beryllium	SW-846:6010B	ug/L	89	0	0	1	1	1	89	100	0.5	-	0	0	0	0	4	MCL	11	-	-	-
Beryllium	SW-846:6020	ug/L	39	1	3	0.1	0.1	0.1	38	97	0.5	-	0	0	0	0	4	MCL	9	-	-	-
Boron	SW-846:6010B	ug/L	128	102	80	10.1	17.3775	33.4	26	20	38.77	-	0	0	0	0	750	NMGSF	11	-	-	-
Cadmium	SW-846:6020	ug/L	128	3	2	0.1	0.67	1.8	125	98	0.5	1	0	0	0	0	5	MCL	11	-	-	-
Chromium	SW-846:6010B	ug/L	67	41	61	0.93	52.619	428	26	39	5.75	3	0	5	5	7	50	NMGSF	11	1	1	R-28
Chromium	SW-846:6020	ug/L	64	54	84	1.9	63.3981	446	10	16	5.75	8	0	8	8	13	50	NMGSF	11	1	1	R-28
Chromium hexavalent ion	SW-846:6020	ug/L	3	3	100	9.8	255.267	380	0	0	-	-	0	2	2	67	50	NMGSF	2	1	1	R-28
Chromium hexavalent ion	SW-846:7199	ug/L	13	11	85	2.3	78.4273	417	2	15	-	-	0	2	2	15	50	NMGSF	8	1	1	R-28
Cobalt	SW-846:6010B	ug/L	128	10	8	1	3.632	8.3	118	92	7	1	0	0	0	0	50	NMGSF	11	-	-	-
Copper	SW-846:6010B	ug/L	103	5	5	3.2	5.7	11.6	98	95	5	2	0	0	0	0	1000	NMGSF	11	-	-	-
Iron	SW-846:6010B	ug/L	128	47	37	14.1	385.409	4500	81	63	147	4	0	5	6	5	1000	NMGSF	11	1	2	R-14
Lead	SW-846:6020	ug/L	128	21	16	0.05	0.98943	3.5	107	84	2.9	1	0	0	0	0	15	MCL	11	-	-	-
Manganese	SW-846:6010B	ug/L	89	35	39	2	20.0171	295	54	61	124	1	0	1	1	1	200	NMGSF	11	1	1	R-14
Manganese	SW-846:6020	ug/L	39	35	90	1.1	77.0654	588	4	10	124	2	0	4	6	15	200	NMGSF	9	1	2	R-14
Mercury	EPA:245.1	ug/L	21	2	10	0.064	0.068	0.072	19	90	0.26	-	0	0	0	0	2	MCL	3	-	-	-
Mercury	EPA:245.2	ug/L	88	0	0	0.03	0.05326	0.087	88	100	0.26	-	0	0	0	0	2	MCL	11	-	-	-
Mercury	SW-846:7470A	ug/L	18	0	0	0.05	0.08389	0.2	18	100	0.26	-	0	0	0	0	2	MCL	7	-	-	-
Molybdenum	SW-846:6010B	ug/L	89	24	27	2.1	3.3875	14.2	65	73	4.4	2	0	0	0	0	1000	NMGSF	11	-	-	-
Molybdenum	SW-846:6020	ug/L	39	34	87	0.87	4.12294	21.4	5	13	4.4	3	0	0	0	0	1000	NMGSF	9	-	-	-
Nickel	SW-846:6010B	ug/L	39	10	26	1.1	20.24	168	29	74	50	1	0	1	1	3	100	MCL	9	1	1	R-33
Nickel	SW-846:6020	ug/L	89	66	74	0.51	3.49894	39.3	23	26	50	-	0	0	0	0	100	MCL	11	-	-	-
Selenium	SW-846:6010B	ug/L	39	2	5	3.6	5.2	6.8	37	95	3.93	1	0	0	0	0	50	NMGSF	9	-	-	-
Selenium	SW-846:6020	ug/L	89	0	0	1	2.2809	2.5	89	100	3.93	-	0	0	0	0	50	NMGSF	11	-	-	-
Silver	SW-846:6010B	ug/L	39	1	3	1.8	1.8	1.8	38	97	2.5	-	0	0	0	0	50	NMGSF	9	-	-	-
Silver	SW-846:6020	ug/L	89	0	0	0.2	0.2	0.2	89	100	2.5	-	0	0	0	0	50	NMGSF	11	-	-	-
Strontium	SW-846:6010B	ug/L	128	128	100	44	113.445	613	0	0	540	1	0	0	0	0	21900	Reg6	11	-	-	-
Thallium	SW-846:6020	ug/L	128	32	25	0.03	0.45206	0.83	96	75	0.83	-	0	0	0	0	2	MCL	11	-	-	-
Tin	SW-846:6010B	ug/L	93	4	4	2.5	2.7	2.9	89	96	3.6	-	0	0	0	0	21900	Reg6	11	-	-	-
Uranium	SW-846:6020	ug/L	123	120	98	0.038	0.77333	3.6	3	2	1.9	1	0	0	0	0	30	NMGSF	11	-	-	-
Vanadium	SW-846:6010B	ug/L	128	101	79	0.76	6.8604	13.4	27	21	13.41	-	0	0	0	0	182.5	Reg6	11	-	-	-
Zinc	SW-846:6010B	ug/L	124	60	48	1.7	53.9155	468	64	52	32	3	0	0	0	0	10000	NMGSF	11	-	-	-
Mortandad, Metals, UF, Regional																						
Aluminum	SW-846:6010B	ug/L	129	24	19	17.6	243.763	801	105	81	-	-	0	0	0	0	36500	Reg6	11	-	-	-
Antimony	SW-846:6020	ug/L	138	0	0	0.081	0.49051	2	138	100	-	-	0	0	0	0	6	MCL	11	-	-	-
Arsenic	SW-846:6010B	ug/L	102	9	9	2.4	4.37222	6.8	93	91	-	-	0	0	3	3	10	MCL	11	-	1	-
Arsenic	SW-846:6020	ug/L	36	14	39	1.5	2.41429	4.8	22	61	-	-	0	0	0	0	10	MCL	11	-	-	-
Barium	SW-846:6010B	ug/L	138	137	99	5.7	38.9264	101	1	1	-	-	0	0	0	0	2000	MCL	11	-	-	-
Beryllium	SW-846:6010B	ug/L	98	0	0	0.158	0.91408	1	98	100	-	-	0	0	0	0	4	MCL	11	-	-	-
Beryllium	SW-846:6020	ug/L	39	0	0	0.08	0.11231	0.5	39	100	-	-	0	0	0	0	4	MCL	9	-	-	-
Boron	SW-846:6010B	ug/L	138	106	77	7.77	16.917	38.9	32	23	-	-	0	0	0	0	7300	Reg6	11	-	-	-
Cadmium	SW-846:6020	ug/L	136	3	2	0.057	0.099	0.14	133	98	-	-	0	0	0	0	5	MCL	11	-	-	-
Chromium	SW-846:6010B	ug/L	78	57	73	1.05	41.0982	421	21	27	-	-	0	5	5	6	100	MCL	11	1	1	R-28
Chromium	SW-846:6020	ug/L	63	53	84	2.3	66.5264	444	10	16	-	-	0	8	8	13	100	MCL	11	1	1	R-28
Chromium hexavalent ion	SW-846:7196A	ug/L	2	2	100	3.4	213.2	423	0	0	-	-	0	1	1	50	100	MCL	2	1	1	R-28

Table B-3
Screening Table for Mortandad Canyon Watershed

Analyte	Method	Units	No. of Analyses	No. of Detects	D Rate %	Min	Mean	Max	No. of Non-detects	ND Rate %	BV	D> BV	ND> Std	D> Std	D> Std/2	D>Std/2 Rate %	Level	Std Type	Locations with Data (number)	D>Std (number of locations)	D>Std/2 (number of locations)	D>Std Stations
Chromium hexavalent ion	SW-846:7199	ug/L	11	9	82	2.3	48.7444	403	2	18	-	-	0	1	1	9	100	MCL	8	1	1	R-28
Cobalt	SW-846:6010B	ug/L	138	7	5	0.73	2.11714	4.8	131	95	-	-	0	0	0	0	730	Reg6	11	-	-	-
Copper	SW-846:6010B	ug/L	112	18	16	1.91	4.35778	13.1	94	84	-	-	0	0	0	0	1300	MCL	11	-	-	-
Iron	SW-846:6010B	ug/L	138	111	80	14.5	319.346	6850	27	20	-	-	0	0	0	0	25550	Reg6	11	-	-	-
Lead	SW-846:6020	ug/L	138	36	26	0.052	3.05044	51.2	102	74	-	-	0	1	1	1	15	Reg6	11	1	1	Test Well 8
Manganese	SW-846:6010B	ug/L	99	45	45	2.1	16.9562	302	54	55	-	-	0	0	0	0	1703.09	Reg6	11	-	-	-
Manganese	SW-846:6020	ug/L	39	34	87	1.2	78.1088	586	5	13	-	-	0	0	0	0	1703.09	Reg6	9	-	-	-
Mercury	EPA:245.1	ug/L	32	1	3	0.059	0.059	0.059	31	97	0.24	-	0	0	0	0	2	NMGSU	6	-	-	-
Mercury	EPA:245.2	ug/L	88	3	3	0.063	0.24033	0.58	85	97	0.24	1	0	0	0	0	2	NMGSU	11	-	-	-
Mercury	SW-846:7470A	ug/L	18	0	0	*0.05*	*0.08333*	*0.2*	18	100	0.24	-	0	0	0	0	2	NMGSU	7	-	-	-
Molybdenum	SW-846:6010B	ug/L	99	18	18	2.1	3.66111	16.4	81	82	-	-	0	0	0	0	182.5	Reg6	11	-	-	-
Molybdenum	SW-846:6020	ug/L	39	34	87	0.87	4.01647	20.1	5	13	-	-	0	0	0	0	182.5	Reg6	9	-	-	-
Nickel	SW-846:6010B	ug/L	50	13	26	1.3	6.51615	25.1	37	74	-	-	0	0	0	0	100	MCL	10	-	-	-
Nickel	SW-846:6020	ug/L	88	75	85	0.51	3.33427	27.1	13	15	-	-	0	0	0	0	100	MCL	11	-	-	-
Selenium	SW-846:6010B	ug/L	50	8	16	2.9	5.11875	10.1	42	84	4.99	3	0	0	0	0	50	MCL	10	-	-	-
Selenium	SW-846:6020	ug/L	88	1	1	2.6	2.6	2.6	87	99	4.99	-	0	0	0	0	50	MCL	11	-	-	-
Silver	SW-846:6010B	ug/L	50	0	0	*0.835*	*1.2432*	*5*	50	100	2.5	-	0	0	0	0	182.5	Reg6	10	-	-	-
Silver	SW-846:6020	ug/L	88	1	1	0.61	0.61	0.61	87	99	2.5	-	0	0	0	0	182.5	Reg6	11	-	-	-
Strontium	SW-846:6010B	ug/L	138	138	100	42.9	109.97	629	0	0	-	-	0	0	0	0	21900	Reg6	11	-	-	-
Thallium	SW-846:6020	ug/L	138	5	4	0.033	0.1638	0.381	133	96	-	-	0	0	0	0	2	MCL	11	-	-	-
Tin	SW-846:6010B	ug/L	103	1	1	3	3	3	102	99	-	-	0	0	0	0	21900	Reg6	11	-	-	-
Titanium	SW-846:6010B	ug/L	1	0	0	*0.325*	*0.325*	*0.325*	1	100	-	-	0	0	0	0	-	-	1	-	-	-
Uranium	SW-846:6020	ug/L	131	127	97	0.066	0.75741	3.6	4	3	-	-	0	0	0	0	30	MCL	11	-	-	-
Vanadium	SW-846:6010B	ug/L	138	104	75	0.96	6.92788	13.5	34	25	-	-	0	0	0	0	182.5	Reg6	11	-	-	-
Zinc	SW-846:6010B	ug/L	136	76	56	2.3	75.3159	494	60	44	-	-	0	0	0	0	10950	Reg6	11	-	-	-
Mortandad, Dioxin/Furans, UF, Ephemeral																						
Heptachlorodibenzodioxin[1,2,3,4,6,7,8-]	SW-846:8290	ug/L	26	11	42	2.3E-06	2.6E-05	0.00012	15	58	-	-	0	0	0	0	-	-	8	-	-	-
Heptachlorodibenzodioxins (Total)	SW-846:8290	ug/L	29	22	76	2E-06	2.7E-05	0.00021	7	24	-	-	0	0	0	0	-	-	9	-	-	-
Heptachlorodibenzofuran[1,2,3,4,6,7,8-]	SW-846:8290	ug/L	24	3	13	8.8E-06	1.3E-05	1.5E-05	21	88	-	-	0	0	0	0	-	-	7	-	-	-
Heptachlorodibenzofuran[1,2,3,4,7,8,9-]	SW-846:8290	ug/L	29	1	3	2.9E-06	2.9E-06	2.9E-06	28	97	-	-	0	0	0	0	-	-	9	-	-	-
Heptachlorodibenzofurans (Total)	SW-846:8290	ug/L	29	14	48	9.6E-07	1.2E-05	5.1E-05	15	52	-	-	0	0	0	0	-	-	9	-	-	-
Hexachlorodibenzodioxin[1,2,3,4,7,8-]	SW-846:8290	ug/L	28	1	4	1.3E-06	1.3E-06	1.3E-06	27	96	-	-	0	0	0	0	-	-	9	-	-	-
Hexachlorodibenzodioxin[1,2,3,6,7,8-]	SW-846:8290	ug/L	28	1	4	4.8E-06	4.8E-06	4.8E-06	27	96	-	-	0	0	0	0	-	-	9	-	-	-
Hexachlorodibenzodioxin[1,2,3,7,8,9-]	SW-846:8290	ug/L	28	1	4	2.5E-06	2.5E-06	2.5E-06	27	96	-	-	0	0	0	0	-	-	9	-	-	-
Hexachlorodibenzodioxins (Total)	SW-846:8290	ug/L	29	7	24	8.5E-07	5.3E-06	1.7E-05	22	76	-	-	0	0	0	0	-	-	9	-	-	-
Hexachlorodibenzofuran[1,2,3,4,7,8-]	SW-846:8290	ug/L	25	1	4	1.9E-06	1.9E-06	1.9E-06	24	96	-	-	0	0	0	0	-	-	9	-	-	-
Hexachlorodibenzofuran[1,2,3,6,7,8-]	SW-846:8290	ug/L	27	1	4	2.5E-06	2.5E-06	2.5E-06	26	96	-	-	0	0	0	0	-	-	8	-	-	-
Hexachlorodibenzofuran[1,2,3,7,8,9-]	SW-846:8290	ug/L	28	1	4	7.5E-07	7.5E-07	7.5E-07	27	96	-	-	0	0	0	0	-	-	9	-	-	-
Hexachlorodibenzofuran[2,3,4,6,7,8-]	SW-846:8290	ug/L	28	1	4	2.1E-06	2.1E-06	2.1E-06	27	96	-	-	0	0	0	0	-	-	9	-	-	-
Hexachlorodibenzofurans (Total)	SW-846:8290	ug/L	29	8	28	3.7E-07	5.2E-06	1.2E-05	21	72	-	-	0	0	0	0	-	-	9	-	-	-
Octachlorodibenzodioxin[1,2,3,4,6,7,8,9-]	SW-846:8290	ug/L	27	11	41	1E-05	0.00029	0.00147	16	59	-	-	0	0	0	0	-	-	9	-	-	-
Octachlorodibenzofuran[1,2,3,4,6,7,8,9-]	SW-846:8290	ug/L	24	4	17	2.3E-06	2.3E-05	3.7E-05	20	83	-	-	0	0	0	0	-	-	9	-	-	-
Pentachlorodibenzodioxin[1,2,3,7,8-]	SW-846:8290	ug/L	28	1	4	4.2E-06	4.2E-06	4.2E-06	27	96	-	-	0	0	0	0	-	-	9	-	-	-
Pentachlorodibenzodioxins (Total)	SW-846:8290	ug/L	29	4	14	8E-07	2.3E-06	4.2E-06	25	86	-	-	0	0	0	0	-	-	9	-	-	-
Pentachlorodibenzofuran[1,2,3,7,8-]	SW-846:8290	ug/L	27	3	11	1.2E-06	8.5E-06	1.5E-05	24	89	-	-	0	0	0	0	-	-	9	-	-	-
Pentachlorodibenzofuran[2,3,4,7,8-]	SW-846:8290	ug/L	25	2	8	1.9E-06	5E-06	8.2E-06	23	92	-	-	0	0	0	0	-	-	9	-	-	-
Pentachlorodibenzofurans (Totals)	SW-846:8290	ug/L	29	7	24	8.6E-07	1.1E-05	2.4E-05	22	76	-	-	0	0	0	0	-	-	9	-	-	-
Tetrachlorodibenzodioxin[2,3,7,8-]	SW-846:8290	ug/L	27	2	7	2.2E-06	2.4E-06	2.7E-06	25	93	-	-	0	0	0	0	-	-	9	-	-	-
Tetrachlorodibenzodioxins (Total)	SW-846:8290	ug/L	29	3	10	1.7E-06	2.2E-06	2.7E-06	26	90	-	-	0	0	0	0	-	-	9	-	-	-
Tetrachlorodibenzofuran[2,3,7,8-]	SW-846:8290	ug/L	25	1	4	3.3E-06	3.3E-06	3.3E-06	24	96	-	-	0	0	0	0	-	-	9	-	-	-
Tetrachlorodibenzofurans (Totals)	SW-846:8290	ug/L	29	4	14	1.2E-06	2.8E-06	5.2E-06	25	86	-	-	0	0	0	0	-	-	9	-	-	-
Mortandad, Dioxin/Furans, UF, Springs																						
Heptachlorodibenzodioxin[1,2,3,4,6,7,8-]	SW-846:8290	ug/L	4	0	0	*1.2E-06*	*2E-06*	*2.7E-06*	4	100	-	-	0	0	0	0	-	-	1	-	-	-
Heptachlorodibenzodioxins (Total)	SW-846:8290	ug/L	4	0	0	*1.2E-06*	*2E-06*	*2.7E-06*	4	100	-	-	0	0	0	0	-	-	1	-	-	-
Heptachlorodibenzofuran[1,2,3,4,6,7,8-]	SW-846:8290	ug/L	4	0	0	*7.9E-07*	*1.5E-06*	*2.6E-06*	4	100	-	-	0	0	0	0	-	-	1	-	-	-
Heptachlorodibenzofuran[1,2,3,4,7,8,9-]	SW-846:8290	ug/L	4	0	0	*8E-07*	*1.5E-06*	*2.6E-06*	4	100	-	-	0	0	0	0	-	-	1	-	-	-
Heptachlorodibenzofurans (Total)	SW-846:8290	ug/L	4	0	0	*8.1E-07*	*1.5E-06*	*2.6E-06*	4	100	-	-	0	0	0	0	-	-	1	-	-	-

Table B-3
Screening Table for Mortandad Canyon Watershed

Analyte	Method	Units	No. of Analyses	No. of Detects	D Rate %	Min	Mean	Max	No. of Non-detects	ND Rate %	BV	D> BV	ND> Std	D> Std	D> Std/2	D>Std/2 Rate %	Level	Std Type	Locations with Data (number)	D>Std (number of locations)	D>Std/2 (number of locations)	D>Std Stations
Hexachlorodibenzodioxin[1,2,3,4,7,8-]	SW-846:8290	ug/L	4	0	0	1.2E-06	1.9E-06	2.6E-06	4	100	-	-	0	0	0	0	-	-	1	-	-	-
Hexachlorodibenzodioxin[1,2,3,6,7,8-]	SW-846:8290	ug/L	4	0	0	1.1E-06	1.7E-06	2.6E-06	4	100	-	-	0	0	0	0	-	-	1	-	-	-
Hexachlorodibenzodioxin[1,2,3,7,8,9-]	SW-846:8290	ug/L	4	0	0	1E-06	1.7E-06	2.6E-06	4	100	-	-	0	0	0	0	0.000108438	Reg6	1	-	-	-
Hexachlorodibenzodioxins (Total)	SW-846:8290	ug/L	4	0	0	1.2E-06	1.8E-06	2.6E-06	4	100	-	-	0	0	0	0	-	-	1	-	-	-
Hexachlorodibenzofuran[1,2,3,4,7,8-]	SW-846:8290	ug/L	4	0	0	3.8E-07	1.1E-06	2.6E-06	4	100	-	-	0	0	0	0	-	-	1	-	-	-
Hexachlorodibenzofuran[1,2,3,6,7,8-]	SW-846:8290	ug/L	4	0	0	4E-07	1.1E-06	2.6E-06	4	100	-	-	0	0	0	0	-	-	1	-	-	-
Hexachlorodibenzofuran[1,2,3,7,8,9-]	SW-846:8290	ug/L	4	0	0	5E-07	1.3E-06	2.6E-06	4	100	-	-	0	0	0	0	-	-	1	-	-	-
Hexachlorodibenzofuran[2,3,4,6,7,8-]	SW-846:8290	ug/L	4	0	0	3.9E-07	1.1E-06	2.6E-06	4	100	-	-	0	0	0	0	-	-	1	-	-	-
Hexachlorodibenzofurans (Total)	SW-846:8290	ug/L	4	1	25	1.7E-06	1.7E-06	1.7E-06	3	75	-	-	0	0	0	0	-	-	1	-	-	-
Octachlorodibenzodioxin[1,2,3,4,6,7,8,9-]	SW-846:8290	ug/L	4	1	25	2.8E-06	2.8E-06	2.8E-06	3	75	-	-	0	0	0	0	-	-	1	-	-	-
Octachlorodibenzofuran[1,2,3,4,6,7,8,9-]	SW-846:8290	ug/L	4	0	0	1.2E-06	3.2E-06	5.3E-06	4	100	-	-	0	0	0	0	-	-	1	-	-	-
Pentachlorodibenzodioxin[1,2,3,7,8-]	SW-846:8290	ug/L	4	0	0	7.4E-07	1.4E-06	2.6E-06	4	100	-	-	0	0	0	0	-	-	1	-	-	-
Pentachlorodibenzodioxins (Total)	SW-846:8290	ug/L	4	0	0	7.4E-07	1.4E-06	2.6E-06	4	100	-	-	0	0	0	0	-	-	1	-	-	-
Pentachlorodibenzofuran[1,2,3,7,8-]	SW-846:8290	ug/L	4	0	0	6.6E-07	1.3E-06	2.6E-06	4	100	-	-	0	0	0	0	-	-	1	-	-	-
Pentachlorodibenzofuran[2,3,4,7,8-]	SW-846:8290	ug/L	4	0	0	6.1E-07	1.3E-06	2.6E-06	4	100	-	-	0	0	0	0	-	-	1	-	-	-
Pentachlorodibenzofurans (Totals)	SW-846:8290	ug/L	4	0	0	6.4E-07	1.3E-06	2.6E-06	4	100	-	-	0	0	0	0	-	-	1	-	-	-
Tetrachlorodibenzodioxin[2,3,7,8-]	SW-846:8290	ug/L	4	0	0	8.8E-07	1.2E-06	1.7E-06	4	100	-	-	0	0	0	0	0.00003	MCL	1	-	-	-
Tetrachlorodibenzodioxins (Total)	SW-846:8290	ug/L	4	0	0	8.8E-07	1.2E-06	1.7E-06	4	100	-	-	0	0	0	0	-	-	1	-	-	-
Tetrachlorodibenzofuran[2,3,7,8-]	SW-846:8290	ug/L	4	0	0	6.3E-07	8.4E-07	1.3E-06	4	100	-	-	0	0	0	0	-	-	1	-	-	-
Tetrachlorodibenzofurans (Totals)	SW-846:8290	ug/L	4	0	0	6.3E-07	8.4E-07	1.3E-06	4	100	-	-	0	0	0	0	-	-	1	-	-	-
Mortandad, Dioxin/Furans, UF, Alluvial																						
Heptachlorodibenzodioxin[1,2,3,4,6,7,8-]	SW-846:8290	ug/L	38	12	32	1.2E-06	3.1E-05	0.00025	26	68	-	-	0	0	0	0	-	-	12	-	-	-
Heptachlorodibenzodioxins (Total)	SW-846:8290	ug/L	45	24	53	1.4E-06	3.2E-05	0.0005	21	47	-	-	0	0	0	0	-	-	12	-	-	-
Heptachlorodibenzofuran[1,2,3,4,6,7,8-]	SW-846:8290	ug/L	39	7	18	1.7E-06	1.8E-05	0.0001	32	82	-	-	0	0	0	0	-	-	12	-	-	-
Heptachlorodibenzofuran[1,2,3,4,7,8,9-]	SW-846:8290	ug/L	44	0	0	5.8E-07	2E-06	7.3E-06	44	100	-	-	0	0	0	0	-	-	12	-	-	-
Heptachlorodibenzofurans (Total)	SW-846:8290	ug/L	45	14	31	5.1E-07	3.1E-05	0.00035	31	69	-	-	0	0	0	0	-	-	12	-	-	-
Hexachlorodibenzodioxin[1,2,3,4,7,8-]	SW-846:8290	ug/L	45	1	2	1.6E-06	1.6E-06	1.6E-06	44	98	-	-	0	0	0	0	-	-	12	-	-	-
Hexachlorodibenzodioxin[1,2,3,6,7,8-]	SW-846:8290	ug/L	44	2	5	3.5E-06	7.1E-06	1.1E-05	42	95	-	-	0	0	0	0	-	-	12	-	-	-
Hexachlorodibenzodioxin[1,2,3,7,8,9-]	SW-846:8290	ug/L	44	2	5	8E-07	1.7E-06	2.6E-06	42	95	-	-	0	0	0	0	0.000108438	Reg6	12	-	-	-
Hexachlorodibenzodioxins (Total)	SW-846:8290	ug/L	45	5	11	2.3E-06	1.9E-05	6.1E-05	40	89	-	-	0	0	0	0	-	-	12	-	-	-
Hexachlorodibenzofuran[1,2,3,4,7,8-]	SW-846:8290	ug/L	42	3	7	3.3E-07	1.4E-06	3E-06	39	93	-	-	0	0	0	0	-	-	12	-	-	-
Hexachlorodibenzofuran[1,2,3,6,7,8-]	SW-846:8290	ug/L	44	3	7	4.3E-07	1.5E-06	3.2E-06	41	93	-	-	0	0	0	0	-	-	12	-	-	-
Hexachlorodibenzofuran[1,2,3,7,8,9-]	SW-846:8290	ug/L	45	0	0	4.6E-07	1.9E-06	5.4E-06	45	100	-	-	0	0	0	0	-	-	12	-	-	-
Hexachlorodibenzofuran[2,3,4,6,7,8-]	SW-846:8290	ug/L	40	1	3	5.3E-07	5.3E-07	5.3E-07	39	98	-	-	0	0	0	0	-	-	12	-	-	-
Hexachlorodibenzofurans (Total)	SW-846:8290	ug/L	45	14	31	3.3E-07	8.2E-06	9.7E-05	31	69	-	-	0	0	0	0	-	-	12	-	-	-
Octachlorodibenzodioxin[1,2,3,4,6,7,8,9-]	SW-846:8290	ug/L	42	13	31	2.3E-06	0.00018	0.00151	29	69	-	-	0	0	0	0	-	-	12	-	-	-
Octachlorodibenzofuran[1,2,3,4,6,7,8,9-]	SW-846:8290	ug/L	40	9	23	3.1E-06	3E-05	0.00021	31	78	-	-	0	0	0	0	-	-	12	-	-	-
Pentachlorodibenzodioxin[1,2,3,7,8-]	SW-846:8290	ug/L	42	1	2	5.8E-07	5.8E-07	5.8E-07	41	98	-	-	0	0	0	0	-	-	12	-	-	-
Pentachlorodibenzodioxins (Total)	SW-846:8290	ug/L	45	3	7	5.8E-07	7E-07	9.2E-07	42	93	-	-	0	0	0	0	-	-	12	-	-	-
Pentachlorodibenzofuran[1,2,3,7,8-]	SW-846:8290	ug/L	40	1	3	1E-06	1E-06	1E-06	39	98	-	-	0	0	0	0	-	-	12	-	-	-
Pentachlorodibenzofuran[2,3,4,7,8-]	SW-846:8290	ug/L	40	3	8	5.8E-07	8.7E-07	1.3E-06	37	93	-	-	0	0	0	0	-	-	12	-	-	-
Pentachlorodibenzofurans (Totals)	SW-846:8290	ug/L	45	11	24	5.4E-07	2.7E-06	1.1E-05	34	76	-	-	0	0	0	0	-	-	12	-	-	-
Tetrachlorodibenzodioxin[2,3,7,8-]	SW-846:8290	ug/L	42	0	0	6.7E-07	1.7E-06	8.7E-06	42	100	-	-	0	0	0	0	0.00003	MCL	12	-	-	-
Tetrachlorodibenzodioxins (Total)	SW-846:8290	ug/L	45	0	0	6.7E-07	3.5E-06	4.8E-05	45	100	-	-	0	0	0	0	-	-	12	-	-	-
Tetrachlorodibenzofuran[2,3,7,8-]	SW-846:8290	ug/L	41	0	0	5.9E-07	1.4E-06	5.3E-06	41	100	-	-	0	0	0	0	-	-	12	-	-	-
Tetrachlorodibenzofurans (Totals)	SW-846:8290	ug/L	45	2	4	5.2E-07	6.6E-07	7.9E-07	43	96	-	-	0	0	0	0	-	-	12	-	-	-
Mortandad, Dioxin/Furans, UF, Intermediate																						
Heptachlorodibenzodioxin[1,2,3,4,6,7,8-]	SW-846:8290	ug/L	19	2	11	1.5E-06	1.6E-06	1.6E-06	17	89	-	-	0	0	0	0	-	-	3	-	-	-
Heptachlorodibenzodioxins (Total)	SW-846:8290	ug/L	19	6	32	1.5E-06	4.4E-06	1.4E-05	13	68	-	-	0	0	0	0	-	-	3	-	-	-
Heptachlorodibenzofuran[1,2,3,4,6,7,8-]	SW-846:8290	ug/L	18	1	6	3.6E-06	3.6E-06	3.6E-06	17	94	-	-	0	0	0	0	-	-	3	-	-	-
Heptachlorodibenzofuran[1,2,3,4,7,8,9-]	SW-846:8290	ug/L	19	0	0	4.8E-07	1.7E-06	2.9E-06	19	100	-	-	0	0	0	0	-	-	3	-	-	-
Heptachlorodibenzofurans (Total)	SW-846:8290	ug/L	19	5	26	1.5E-06	3.9E-06	7.6E-06	14	74	-	-	0	0	0	0	-	-	3	-	-	-
Hexachlorodibenzodioxin[1,2,3,4,7,8-]	SW-846:8290	ug/L	19	0	0	1.3E-06	2.7E-06	5.6E-06	19	100	-	-	0	0	0	0	-	-	3	-	-	-
Hexachlorodibenzodioxin[1,2,3,6,7,8-]	SW-846:8290	ug/L	19	0	0	1.4E-06	2.8E-06	5.8E-06	19	100	-	-	0	0	0	0	-	-	3	-	-	-
Hexachlorodibenzodioxin[1,2,3,7,8,9-]	SW-846:8290	ug/L	19	0	0	1.4E-06	2.8E-06	5.6E-06	19	100	-	-	0	0	0	0	0.000108438	Reg6	3	-	-	-
Hexachlorodibenzodioxins (Total)	SW-846:8290	ug/L	19	0	0	1.6E-06	2.9E-06	5.8E-06	19	100	-	-	0	0	0	0	-	-	3	-	-	-
Hexachlorodibenzofuran[1,2,3,4,7,8-]	SW-846:8290	ug/L	18	0	0	3.8E-07	1.1E-06	2.7E-06	18	100	-	-	0	0	0	0	-	-	3	-	-	-

Table B-3
Screening Table for Mortandad Canyon Watershed

Analyte	Method	Units	No. of Analyses	No. of Detects	D Rate %	Min	Mean	Max	No. of Non-detects	ND Rate %	BV	D> BV	ND> Std	D> Std	D> Std/2	D>Std/2 Rate %	Level	Std Type	Locations with Data (number)	D>Std (number of locations)	D>Std/2 (number of locations)	D>Std Stations
Hexachlorodibenzofuran[1,2,3,6,7,8-]	SW-846:8290	ug/L	18	1	6	2E-06	2E-06	2E-06	17	94	-	-	0	0	0	0	-	-	3	-	-	-
Hexachlorodibenzofuran[1,2,3,7,8,9-]	SW-846:8290	ug/L	19	0	0	6.3E-07	1.5E-06	3E-06	19	100	-	-	0	0	0	0	-	-	3	-	-	-
Hexachlorodibenzofuran[2,3,4,6,7,8-]	SW-846:8290	ug/L	19	1	5	9.1E-07	9.1E-07	9.1E-07	18	95	-	-	0	0	0	0	-	-	3	-	-	-
Hexachlorodibenzofurans (Total)	SW-846:8290	ug/L	19	4	21	1.1E-06	1.9E-06	3E-06	15	79	-	-	0	0	0	0	-	-	3	-	-	-
Octachlorodibenzodioxin[1,2,3,4,6,7,8,9-]	SW-846:8290	ug/L	18	6	33	4.8E-06	1E-05	1.9E-05	12	67	-	-	0	0	0	0	-	-	3	-	-	-
Octachlorodibenzofuran[1,2,3,4,6,7,8,9-]	SW-846:8290	ug/L	19	1	5	5.3E-06	5.3E-06	5.3E-06	18	95	-	-	0	0	0	0	-	-	3	-	-	-
Pentachlorodibenzodioxin[1,2,3,7,8-]	SW-846:8290	ug/L	16	0	0	8.1E-07	1.6E-06	3.6E-06	16	100	-	-	0	0	0	0	-	-	3	-	-	-
Pentachlorodibenzodioxins (Total)	SW-846:8290	ug/L	19	0	0	8.1E-07	3E-06	1.2E-05	19	100	-	-	0	0	0	0	-	-	3	-	-	-
Pentachlorodibenzofuran[1,2,3,7,8-]	SW-846:8290	ug/L	16	0	0	7.7E-07	1.7E-06	3.3E-06	16	100	-	-	0	0	0	0	-	-	3	-	-	-
Pentachlorodibenzofuran[2,3,4,7,8-]	SW-846:8290	ug/L	15	0	0	7.7E-07	1.6E-06	3.1E-06	15	100	-	-	0	0	0	0	-	-	3	-	-	-
Pentachlorodibenzofurans (Totals)	SW-846:8290	ug/L	19	0	0	7.7E-07	2.7E-06	9.2E-06	19	100	-	-	0	0	0	0	-	-	3	-	-	-
Tetrachlorodibenzodioxin[2,3,7,8-]	SW-846:8290	ug/L	16	0	0	8.1E-07	1.4E-06	2.6E-06	16	100	-	-	0	0	0	0	0.00003	MCL	3	-	-	-
Tetrachlorodibenzodioxins (Total)	SW-846:8290	ug/L	19	0	0	8.1E-07	5.7E-06	0.00004	19	100	-	-	0	0	0	0	-	-	3	-	-	-
Tetrachlorodibenzofuran[2,3,7,8-]	SW-846:8290	ug/L	16	0	0	8.2E-07	1.4E-06	3.8E-06	16	100	-	-	0	0	0	0	-	-	3	-	-	-
Tetrachlorodibenzofurans (Totals)	SW-846:8290	ug/L	19	0	0	7.3E-07	6.5E-06	4.8E-05	19	100	-	-	0	0	0	0	-	-	3	-	-	-
Mortandad, Dioxin/Furans, UF, Regional																						
Heptachlorodibenzodioxin[1,2,3,4,6,7,8-]	SW-846:8290	ug/L	61	1	2	1.9E-05	1.9E-05	1.9E-05	60	98	-	-	0	0	0	0	-	-	11	-	-	-
Heptachlorodibenzodioxins (Total)	SW-846:8290	ug/L	62	9	15	9.9E-07	5.9E-06	3.7E-05	53	85	-	-	0	0	0	0	-	-	11	-	-	-
Heptachlorodibenzofuran[1,2,3,4,6,7,8-]	SW-846:8290	ug/L	60	1	2	7.7E-06	7.7E-06	7.7E-06	59	98	-	-	0	0	0	0	-	-	11	-	-	-
Heptachlorodibenzofuran[1,2,3,4,7,8,9-]	SW-846:8290	ug/L	62	0	0	5.8E-07	1.5E-06	3.5E-06	62	100	-	-	0	0	0	0	-	-	11	-	-	-
Heptachlorodibenzofurans (Total)	SW-846:8290	ug/L	62	2	3	8.5E-07	7.4E-06	1.4E-05	60	97	-	-	0	0	0	0	-	-	11	-	-	-
Hexachlorodibenzodioxin[1,2,3,4,7,8-]	SW-846:8290	ug/L	62	0	0	1.2E-06	2.3E-06	3.8E-06	62	100	-	-	0	0	0	0	-	-	11	-	-	-
Hexachlorodibenzodioxin[1,2,3,6,7,8-]	SW-846:8290	ug/L	62	0	0	8.5E-07	2.3E-06	4.4E-06	62	100	-	-	0	0	0	0	-	-	11	-	-	-
Hexachlorodibenzodioxin[1,2,3,7,8,9-]	SW-846:8290	ug/L	62	0	0	8.3E-07	2.2E-06	4.2E-06	62	100	-	-	0	0	0	0	0.000108438	Reg6	11	-	-	-
Hexachlorodibenzodioxins (Total)	SW-846:8290	ug/L	62	1	2	3.2E-06	3.2E-06	3.2E-06	61	98	-	-	0	0	0	0	-	-	11	-	-	-
Hexachlorodibenzofuran[1,2,3,4,7,8-]	SW-846:8290	ug/L	62	0	0	2.8E-07	9.9E-07	2.8E-06	62	100	-	-	0	0	0	0	-	-	11	-	-	-
Hexachlorodibenzofuran[1,2,3,6,7,8-]	SW-846:8290	ug/L	62	0	0	2.8E-07	9.9E-07	2.8E-06	62	100	-	-	0	0	0	0	-	-	11	-	-	-
Hexachlorodibenzofuran[1,2,3,7,8,9-]	SW-846:8290	ug/L	62	0	0	3.9E-07	1.3E-06	3E-06	62	100	-	-	0	0	0	0	-	-	11	-	-	-
Hexachlorodibenzofuran[2,3,4,6,7,8-]	SW-846:8290	ug/L	62	0	0	2.8E-07	1E-06	2.8E-06	62	100	-	-	0	0	0	0	-	-	11	-	-	-
Hexachlorodibenzofurans (Total)	SW-846:8290	ug/L	62	1	2	6.2E-06	6.2E-06	6.2E-06	61	98	-	-	0	0	0	0	-	-	11	-	-	-
Octachlorodibenzodioxin[1,2,3,4,6,7,8,9-]	SW-846:8290	ug/L	55	3	5	3.5E-06	7E-05	0.0002	52	95	-	-	0	0	0	0	-	-	11	-	-	-
Octachlorodibenzofuran[1,2,3,4,6,7,8,9-]	SW-846:8290	ug/L	62	2	3	4.5E-06	1.4E-05	2.3E-05	60	97	-	-	0	0	0	0	-	-	11	-	-	-
Pentachlorodibenzodioxin[1,2,3,7,8-]	SW-846:8290	ug/L	62	1	2	1.6E-06	1.6E-06	1.6E-06	61	98	-	-	0	0	0	0	-	-	11	-	-	-
Pentachlorodibenzodioxins (Total)	SW-846:8290	ug/L	62	1	2	2.2E-05	2.2E-05	2.2E-05	61	98	-	-	0	0	0	0	-	-	11	-	-	-
Pentachlorodibenzofuran[1,2,3,7,8-]	SW-846:8290	ug/L	62	0	0	6E-07	1.8E-06	3.4E-06	62	100	-	-	0	0	0	0	-	-	11	-	-	-
Pentachlorodibenzofuran[2,3,4,7,8-]	SW-846:8290	ug/L	60	0	0	4.1E-07	1.6E-06	3.4E-06	60	100	-	-	0	0	0	0	-	-	11	-	-	-
Pentachlorodibenzofurans (Totals)	SW-846:8290	ug/L	62	2	3	4.1E-07	4.3E-07	4.5E-07	60	97	-	-	0	0	0	0	-	-	11	-	-	-
Tetrachlorodibenzodioxin[2,3,7,8-]	SW-846:8290	ug/L	61	0	0	6.2E-07	1.4E-06	3.5E-06	61	100	-	-	0	0	0	0	0.00003	MCL	11	-	-	-
Tetrachlorodibenzodioxins (Total)	SW-846:8290	ug/L	62	1	2	3.6E-06	3.6E-06	3.6E-06	61	98	-	-	0	0	0	0	-	-	11	-	-	-
Tetrachlorodibenzofuran[2,3,7,8-]	SW-846:8290	ug/L	60	0	0	6.3E-07	1.3E-06	3.5E-06	60	100	-	-	0	0	0	0	-	-	11	-	-	-
Tetrachlorodibenzofurans (Totals)	SW-846:8290	ug/L	62	0	0	6.3E-07	1.9E-06	2.7E-05	62	100	-	-	0	0	0	0	-	-	11	-	-	-
Mortandad, DRO, UF, Alluvial																						
Diesel Range Organics	SW-846:8015B	ug/L	8	4	50	17.2	68.875	211	4	50	-	-	0	0	0	0	-	-	8	-	-	-
Mortandad, DRO, UF, Intermediate																						
Diesel Range Organics	SW-846:8015B	ug/L	4	2	50	95.5	122.75	150	2	50	-	-	0	0	0	0	-	-	3	-	-	-
Mortandad, DRO, UF, Regional																						
Diesel Range Organics	SW-846:8015B	ug/L	6	1	17	25.8	25.8	25.8	5	83	-	-	0	0	0	0	-	-	4	-	-	-
Mortandad, Herbicides, UF, Ephemeral																						
D[2,4-]	SW-846:8151A	ug/L	5	0	0	0.266	2.1152	2.6	5	100	-	-	0	0	0	0	-	-	4	-	-	-
Dalapon	SW-846:8151A	ug/L	5	0	0	5.32	42.284	52.1	5	100	-	-	0	0	0	0	-	-	4	-	-	-
DB[2,4-]	SW-846:8151A	ug/L	5	0	0	0.266	2.1152	2.6	5	100	-	-	0	0	0	0	-	-	4	-	-	-
Dicamba	SW-846:8151A	ug/L	5	0	0	0.266	2.1152	2.6	5	100	-	-	0	0	0	0	-	-	4	-	-	-
Dichlorprop	SW-846:8151A	ug/L	5	0	0	0.266	2.1152	2.6	5	100	-	-	0	0	0	0	-	-	4	-	-	-
Dinoseb	SW-846:8151A	ug/L	5	0	0	0.266	2.1152	2.6	5	100	-	-	0	0	0	0	-	-	4	-	-	-
MCPA	SW-846:8151A	ug/L	5	0	0	53.2	422.84	521	5	100	-	-	0	0	0	0	-	-	4	-	-	-
MCPP	SW-846:8151A	ug/L	1	0	0	53.2	53.2	53.2	1	100	-	-	0	0	0	0	-	-	1	-	-	-
T[2,4,5-]	SW-846:8151A	ug/L	5	0	0	0.266	2.1152	2.6	5	100	-	-	0	0	0	0	-	-	4	-	-	-

Table B-3
Screening Table for Mortandad Canyon Watershed

Analyte	Method	Units	No. of Analyses	No. of Detects	D Rate %	Min	Mean	Max	No. of Non-detects	ND Rate %	BV	D> BV	ND> Std	D> Std	D> Std/2	D>Std/2 Rate %	Level	Std Type	Locations with Data (number)	D>Std (number of locations)	D>Std/2 (number of locations)	D>Std Stations
TP[2,4,5-]	SW-846:8151A	ug/L	5	0	0	*0.266*	*2.1152*	*2.6*	5	100	-	-	0	0	0	0	-	-	4	-	-	-
Mortandad, Herbicides, UF, Springs																						
D[2,4-]	SW-846:8151A	ug/L	1	0	0	*0.26*	*0.26*	*0.26*	1	100	-	-	0	0	0	0	70	MCL	1	-	-	-
Dalapon	SW-846:8151A	ug/L	1	0	0	*5.21*	*5.21*	*5.21*	1	100	-	-	0	0	0	0	200	MCL	1	-	-	-
DB[2,4-]	SW-846:8151A	ug/L	1	0	0	*0.26*	*0.26*	*0.26*	1	100	-	-	0	0	0	0	292	Reg6	1	-	-	-
Dicamba	SW-846:8151A	ug/L	1	0	0	*0.26*	*0.26*	*0.26*	1	100	-	-	0	0	0	0	1095	Reg6	1	-	-	-
Dichlorprop	SW-846:8151A	ug/L	1	0	0	*0.26*	*0.26*	*0.26*	1	100	-	-	0	0	0	0	-	-	1	-	-	-
Dinoseb	SW-846:8151A	ug/L	1	0	0	*0.26*	*0.26*	*0.26*	1	100	-	-	0	0	0	0	7	MCL	1	-	-	-
MCPA	SW-846:8151A	ug/L	1	0	0	*52.1*	*52.1*	*52.1*	1	100	-	-	1	0	0	0	18.25	Reg6	1	-	-	-
MCPP	SW-846:8151A	ug/L	1	0	0	*52.1*	*52.1*	*52.1*	1	100	-	-	1	0	0	0	36.5	Reg6	1	-	-	-
T[2,4,5-]	SW-846:8151A	ug/L	1	0	0	*0.26*	*0.26*	*0.26*	1	100	-	-	0	0	0	0	365	Reg6	1	-	-	-
TP[2,4,5-]	SW-846:8151A	ug/L	1	0	0	*0.26*	*0.26*	*0.26*	1	100	-	-	0	0	0	0	50	MCL	1	-	-	-
Mortandad, Herbicides, UF, Alluvial																						
D[2,4-]	SW-846:8151A	ug/L	10	0	0	*0.25*	*0.2624*	*0.278*	10	100	-	-	0	0	0	0	70	MCL	7	-	-	-
Dalapon	SW-846:8151A	ug/L	10	0	0	*5*	*5.245*	*5.56*	10	100	-	-	0	0	0	0	200	MCL	7	-	-	-
DB[2,4-]	SW-846:8151A	ug/L	10	0	0	*0.25*	*0.2624*	*0.278*	10	100	-	-	0	0	0	0	292	Reg6	7	-	-	-
Dicamba	SW-846:8151A	ug/L	10	0	0	*0.25*	*0.2624*	*0.278*	10	100	-	-	0	0	0	0	1095	Reg6	7	-	-	-
Dichlorprop	SW-846:8151A	ug/L	10	0	0	*0.25*	*0.2624*	*0.278*	10	100	-	-	0	0	0	0	-	-	7	-	-	-
Dinoseb	SW-846:8151A	ug/L	10	0	0	*0.25*	*0.2624*	*0.278*	10	100	-	-	0	0	0	0	7	MCL	7	-	-	-
MCPA	SW-846:8151A	ug/L	10	0	0	*50*	*52.45*	*55.6*	10	100	-	-	10	0	0	0	18.25	Reg6	7	-	-	-
MCPP	SW-846:8151A	ug/L	10	0	0	*50*	*52.45*	*55.6*	10	100	-	-	10	0	0	0	36.5	Reg6	7	-	-	-
T[2,4,5-]	SW-846:8151A	ug/L	10	0	0	*0.25*	*0.2624*	*0.278*	10	100	-	-	0	0	0	0	365	Reg6	7	-	-	-
TP[2,4,5-]	SW-846:8151A	ug/L	10	0	0	*0.25*	*0.2624*	*0.278*	10	100	-	-	0	0	0	0	50	MCL	7	-	-	-
Mortandad, Herbicides, UF, Intermediate																						
D[2,4-]	SW-846:8151A	ug/L	4	0	0	*0.258*	*0.26775*	*0.272*	4	100	-	-	0	0	0	0	70	MCL	3	-	-	-
Dalapon	SW-846:8151A	ug/L	4	0	0	*5.15*	*5.3475*	*5.43*	4	100	-	-	0	0	0	0	200	MCL	3	-	-	-
DB[2,4-]	SW-846:8151A	ug/L	4	0	0	*0.258*	*0.26775*	*0.272*	4	100	-	-	0	0	0	0	292	Reg6	3	-	-	-
Dicamba	SW-846:8151A	ug/L	4	0	0	*0.258*	*0.26775*	*0.272*	4	100	-	-	0	0	0	0	1095	Reg6	3	-	-	-
Dichlorprop	SW-846:8151A	ug/L	4	0	0	*0.258*	*0.26775*	*0.272*	4	100	-	-	0	0	0	0	-	-	3	-	-	-
Dinoseb	SW-846:8151A	ug/L	4	0	0	*0.258*	*0.26775*	*0.272*	4	100	-	-	0	0	0	0	7	MCL	3	-	-	-
MCPA	SW-846:8151A	ug/L	4	0	0	*51.5*	*53.475*	*54.3*	4	100	-	-	4	0	0	0	18.25	Reg6	3	-	-	-
MCPP	SW-846:8151A	ug/L	4	0	0	*51.5*	*53.475*	*54.3*	4	100	-	-	4	0	0	0	36.5	Reg6	3	-	-	-
T[2,4,5-]	SW-846:8151A	ug/L	4	0	0	*0.258*	*0.26775*	*0.272*	4	100	-	-	0	0	0	0	365	Reg6	3	-	-	-
TP[2,4,5-]	SW-846:8151A	ug/L	4	0	0	*0.258*	*0.26775*	*0.272*	4	100	-	-	0	0	0	0	50	MCL	3	-	-	-
Mortandad, Herbicides, UF, Regional																						
D[2,4-]	SW-846:8151A	ug/L	17	0	0	*0.25*	*0.26953*	*0.284*	17	100	-	-	0	0	0	0	70	MCL	11	-	-	-
Dalapon	SW-846:8151A	ug/L	17	0	0	*5*	*5.38941*	*5.68*	17	100	-	-	0	0	0	0	200	MCL	11	-	-	-
DB[2,4-]	SW-846:8151A	ug/L	17	0	0	*0.25*	*0.26953*	*0.284*	17	100	-	-	0	0	0	0	292	Reg6	11	-	-	-
Dicamba	SW-846:8151A	ug/L	17	0	0	*0.25*	*0.26953*	*0.284*	17	100	-	-	0	0	0	0	1095	Reg6	11	-	-	-
Dichlorprop	SW-846:8151A	ug/L	17	0	0	*0.25*	*0.26953*	*0.284*	17	100	-	-	0	0	0	0	-	-	11	-	-	-
Dinoseb	SW-846:8151A	ug/L	13	0	0	*0.25*	*0.26785*	*0.284*	13	100	-	-	0	0	0	0	7	MCL	8	-	-	-
MCPA	SW-846:8151A	ug/L	17	0	0	*50*	*53.8941*	*56.8*	17	100	-	-	17	0	0	0	18.25	Reg6	11	-	-	-
MCPP	SW-846:8151A	ug/L	17	0	0	*50*	*53.8941*	*56.8*	17	100	-	-	17	0	0	0	36.5	Reg6	11	-	-	-
T[2,4,5-]	SW-846:8151A	ug/L	17	0	0	*0.25*	*0.26953*	*0.284*	17	100	-	-	0	0	0	0	365	Reg6	11	-	-	-
TP[2,4,5-]	SW-846:8151A	ug/L	17	0	0	*0.25*	*0.26953*	*0.284*	17	100	-	-	0	0	0	0	50	MCL	11	-	-	-
Mortandad, High Explosives, UF, Ephemeral																						
2,4-Diamino-6-nitrotoluene	SW-846:8321A_MOD	ug/L	26	0	0	*1.3*	*1.3*	*1.3*	26	100	-	-	0	0	0	0	-	-	9	-	-	-
2,6-Diamino-4-nitrotoluene	SW-846:8321A_MOD	ug/L	26	0	0	*1.3*	*1.3*	*1.3*	26	100	-	-	0	0	0	0	-	-	9	-	-	-
3,5-Dinitroaniline	SW-846:8321A_MOD	ug/L	26	0	0	*1.3*	*1.3*	*1.3*	26	100	-	-	0	0	0	0	-	-	9	-	-	-
Amino-2,6-dinitrotoluene[4-]	SW-846:8321A_MOD	ug/L	21	0	0	*0.325*	*0.325*	*0.325*	21	100	-	-	0	0	0	0	-	-	9	-	-	-
Amino-2,6-dinitrotoluene[4-]	SW-846:8330	ug/L	1	0	0	*0.16*	*0.16*	*0.16*	1	100	-	-	0	0	0	0	-	-	1	-	-	-
Amino-4,6-dinitrotoluene[2-]	SW-846:8321A_MOD	ug/L	23	0	0	*0.325*	*0.325*	*0.325*	23	100	-	-	0	0	0	0	-	-	9	-	-	-
Amino-4,6-dinitrotoluene[2-]	SW-846:8330	ug/L	1	0	0	*0.32*	*0.32*	*0.32*	1	100	-	-	0	0	0	0	-	-	1	-	-	-
Dinitrobenzene[1,3-]	SW-846:8321A_MOD	ug/L	24	0	0	*0.325*	*0.325*	*0.325*	24	100	-	-	0	0	0	0	-	-	9	-	-	-
Dinitrobenzene[1,3-]	SW-846:8330	ug/L	1	0	0	*0.32*	*0.32*	*0.32*	1	100	-	-	0	0	0	0	-	-	1	-	-	-
Dinitrotoluene[2,4-]	SW-846:8321A_MOD	ug/L	23	0	0	*0.325*	*0.325*	*0.325*	23	100	-	-	0	0	0	0	-	-	9	-	-	-

Table B-3
Screening Table for Mortandad Canyon Watershed

Analyte	Method	Units	No. of Analyses	No. of Detects	D Rate %	Min	Mean	Max	No. of Non-detects	ND Rate %	BV	D> BV	ND> Std	D> Std	D> Std/2	D>Std/2 Rate %	Level	Std Type	Locations with Data (number)	D>Std (number of locations)	D>Std/2 (number of locations)	D>Std Stations
Dinitrotoluene[2,4-]	SW-846:8330	ug/L	1	0	0	0.32	0.32	0.32	1	100	-	-	0	0	0	0	-	-	1	-	-	-
Dinitrotoluene[2,6-]	SW-846:8321A_MOD	ug/L	23	0	0	0.325	0.325	0.325	23	100	-	-	0	0	0	0	-	-	9	-	-	-
Dinitrotoluene[2,6-]	SW-846:8330	ug/L	1	0	0	0.18	0.18	0.18	1	100	-	-	0	0	0	0	-	-	1	-	-	-
HMX	SW-846:8321A_MOD	ug/L	24	0	0	0.325	0.325	0.325	24	100	-	-	0	0	0	0	-	-	9	-	-	-
HMX	SW-846:8330	ug/L	1	0	0	0.16	0.16	0.16	1	100	-	-	0	0	0	0	-	-	1	-	-	-
Nitrobenzene	SW-846:8321A_MOD	ug/L	24	0	0	0.325	0.325	0.325	24	100	-	-	0	0	0	0	-	-	9	-	-	-
Nitrobenzene	SW-846:8330	ug/L	1	0	0	0.16	0.16	0.16	1	100	-	-	0	0	0	0	-	-	1	-	-	-
Nitrotoluene[2-]	SW-846:8321A_MOD	ug/L	23	0	0	0.325	0.325	0.325	23	100	-	-	0	0	0	0	-	-	9	-	-	-
Nitrotoluene[2-]	SW-846:8330	ug/L	1	0	0	0.16	0.16	0.16	1	100	-	-	0	0	0	0	-	-	1	-	-	-
Nitrotoluene[3-]	SW-846:8321A_MOD	ug/L	23	0	0	0.325	0.325	0.325	23	100	-	-	0	0	0	0	-	-	9	-	-	-
Nitrotoluene[3-]	SW-846:8330	ug/L	1	0	0	0.32	0.32	0.32	1	100	-	-	0	0	0	0	-	-	1	-	-	-
Nitrotoluene[4-]	SW-846:8321A_MOD	ug/L	23	0	0	0.217	0.63022	0.649	23	100	-	-	0	0	0	0	-	-	9	-	-	-
Nitrotoluene[4-]	SW-846:8330	ug/L	1	0	0	0.32	0.32	0.32	1	100	-	-	0	0	0	0	-	-	1	-	-	-
PETN	SW-846:8321A_MOD	ug/L	23	0	0	1.3	1.3	1.3	23	100	-	-	0	0	0	0	-	-	9	-	-	-
RDX	SW-846:8321A_MOD	ug/L	24	0	0	0.325	0.325	0.325	24	100	-	-	0	0	0	0	-	-	9	-	-	-
RDX	SW-846:8330	ug/L	1	0	0	0.16	0.16	0.16	1	100	-	-	0	0	0	0	-	-	1	-	-	-
TATB	SW-846:8321A_MOD	ug/L	26	0	0	1.3	1.3	1.3	26	100	-	-	0	0	0	0	-	-	9	-	-	-
Tetryl	SW-846:8321A_MOD	ug/L	21	0	0	0.649	0.649	0.649	21	100	-	-	0	0	0	0	-	-	9	-	-	-
Tetryl	SW-846:8330	ug/L	1	0	0	0.48	0.48	0.48	1	100	-	-	0	0	0	0	-	-	1	-	-	-
Trinitrobenzene[1,3,5-]	SW-846:8321A_MOD	ug/L	24	0	0	0.325	0.325	0.325	24	100	-	-	0	0	0	0	-	-	9	-	-	-
Trinitrobenzene[1,3,5-]	SW-846:8330	ug/L	1	0	0	0.32	0.32	0.32	1	100	-	-	0	0	0	0	-	-	1	-	-	-
Trinitrotoluene[2,4,6-]	SW-846:8321A_MOD	ug/L	23	0	0	0.325	0.325	0.325	23	100	-	-	0	0	0	0	-	-	9	-	-	-
Trinitrotoluene[2,4,6-]	SW-846:8330	ug/L	1	0	0	0.16	0.16	0.16	1	100	-	-	0	0	0	0	-	-	1	-	-	-
Tris (o-cresyl) phosphate	SW-846:8321A_MOD	ug/L	26	0	0	1.3	1.3	1.3	26	100	-	-	0	0	0	0	-	-	9	-	-	-
Mortandad, High Explosives, UF, Springs																						
2,4-Diamino-6-nitrotoluene	SW-846:8321A_MOD	ug/L	3	0	0	1.3	1.3	1.3	3	100	-	-	0	0	0	0	-	-	1	-	-	-
2,6-Diamino-4-nitrotoluene	SW-846:8321A_MOD	ug/L	3	0	0	1.3	1.3	1.3	3	100	-	-	0	0	0	0	-	-	1	-	-	-
3,5-Dinitroaniline	SW-846:8321A_MOD	ug/L	3	0	0	1.3	1.3	1.3	3	100	-	-	0	0	0	0	-	-	1	-	-	-
Amino-2,6-dinitrotoluene[4-]	SW-846:8321A_MOD	ug/L	3	0	0	0.325	0.325	0.325	3	100	-	-	0	0	0	0	-	-	1	-	-	-
Amino-4,6-dinitrotoluene[2-]	SW-846:8321A_MOD	ug/L	3	0	0	0.325	0.325	0.325	3	100	-	-	0	0	0	0	-	-	1	-	-	-
Dinitrobenzene[1,3-]	SW-846:8321A_MOD	ug/L	3	0	0	0.325	0.325	0.325	3	100	-	-	0	0	0	0	3.65	Reg6	1	-	-	-
Dinitrotoluene[2,4-]	SW-846:8321A_MOD	ug/L	3	0	0	0.325	0.325	0.325	3	100	-	-	0	0	0	0	-	-	1	-	-	-
Dinitrotoluene[2,6-]	SW-846:8321A_MOD	ug/L	3	0	0	0.325	0.325	0.325	3	100	-	-	0	0	0	0	-	-	1	-	-	-
HMX	SW-846:8321A_MOD	ug/L	3	0	0	0.325	0.325	0.325	3	100	-	-	0	0	0	0	1825	Reg6	1	-	-	-
Nitrobenzene	SW-846:8321A_MOD	ug/L	3	0	0	0.325	0.325	0.325	3	100	-	-	0	0	0	0	-	-	1	-	-	-
Nitrotoluene[2-]	SW-846:8321A_MOD	ug/L	3	0	0	0.325	0.325	0.325	3	100	-	-	0	0	0	0	2.92311	Reg6	1	-	-	-
Nitrotoluene[3-]	SW-846:8321A_MOD	ug/L	3	0	0	0.325	0.325	0.325	3	100	-	-	0	0	0	0	121.6667	Reg6	1	-	-	-
Nitrotoluene[4-]	SW-846:8321A_MOD	ug/L	3	0	0	0.649	0.649	0.649	3	100	-	-	0	0	0	0	39.54796	Reg6	1	-	-	-
PETN	SW-846:8321A_MOD	ug/L	3	0	0	1.3	1.3	1.3	3	100	-	-	0	0	0	0	-	-	1	-	-	-
RDX	SW-846:8321A_MOD	ug/L	3	0	0	0.325	0.325	0.325	3	100	-	-	0	0	0	0	6.111958	Reg6	1	-	-	-
TATB	SW-846:8321A_MOD	ug/L	3	0	0	1.3	1.3	1.3	3	100	-	-	0	0	0	0	-	-	1	-	-	-
Tetryl	SW-846:8321A_MOD	ug/L	3	0	0	0.649	0.649	0.649	3	100	-	-	0	0	0	0	146	Reg6	1	-	-	-
Trinitrobenzene[1,3,5-]	SW-846:8321A_MOD	ug/L	3	0	0	0.325	0.325	0.325	3	100	-	-	0	0	0	0	1095	Reg6	1	-	-	-
Trinitrotoluene[2,4,6-]	SW-846:8321A_MOD	ug/L	3	0	0	0.325	0.325	0.325	3	100	-	-	0	0	0	0	22.41051	Reg6	1	-	-	-
Tris (o-cresyl) phosphate	SW-846:8321A_MOD	ug/L	3	0	0	1.3	1.3	1.3	3	100	-	-	0	0	0	0	-	-	1	-	-	-
Mortandad, High Explosives, UF, Alluvial																						
2,4-Diamino-6-nitrotoluene	SW-846:8321A_MOD	ug/L	35	0	0	1.3	1.3	1.3	35	100	-	-	0	0	0	0	-	-	11	-	-	-
2,6-Diamino-4-nitrotoluene	SW-846:8321A_MOD	ug/L	35	0	0	1.3	1.3	1.3	35	100	-	-	0	0	0	0	-	-	11	-	-	-
3,5-Dinitroaniline	SW-846:8321A_MOD	ug/L	35	0	0	1.3	1.3	1.3	35	100	-	-	0	0	0	0	-	-	11	-	-	-
Amino-2,6-dinitrotoluene[4-]	SW-846:8321A_MOD	ug/L	34	0	0	0.325	0.325	0.325	34	100	-	-	0	0	0	0	-	-	11	-	-	-
Amino-2,6-dinitrotoluene[4-]	SW-846:8330	ug/L	6	0	0	0.16	0.32	0.48	6	100	-	-	0	0	0	0	-	-	5	-	-	-
Amino-4,6-dinitrotoluene[2-]	SW-846:8321A_MOD	ug/L	35	0	0	0.325	0.325	0.325	35	100	-	-	0	0	0	0	-	-	11	-	-	-
Amino-4,6-dinitrotoluene[2-]	SW-846:8330	ug/L	6	0	0	0.32	0.645	0.97	6	100	-	-	0	0	0	0	-	-	5	-	-	-
Dinitrobenzene[1,3-]	SW-846:8321A_MOD	ug/L	35	0	0	0.325	0.325	0.325	35	100	-	-	0	0	0	0	3.65	Reg6	11	-	-	-
Dinitrobenzene[1,3-]	SW-846:8330	ug/L	6	0	0	0.32	0.645	0.97	6	100	-	-	0	0	0	0	3.65	Reg6	5	-	-	-
Dinitrotoluene[2,4-]	SW-846:8321A_MOD	ug/L	35	0	0	0.325	0.325	0.325	35	100	-	-	0	0	0	0	-	-	11	-	-	-

Table B-3
Screening Table for Mortandad Canyon Watershed

Analyte	Method	Units	No. of Analyses	No. of Detects	D Rate %	Min	Mean	Max	No. of Non-detects	ND Rate %	BV	D> BV	ND> Std	D> Std	D> Std/2	D>Std/2 Rate %	Level	Std Type	Locations with Data (number)	D>Std (number of locations)	D>Std/2 (number of locations)	D>Std Stations
Dinitrotoluene[2,4-]	SW-846:8330	ug/L	6	0	0	0.32	0.645	0.97	6	100	-	-	0	0	0	0	-	-	5	-	-	-
Dinitrotoluene[2,6-]	SW-846:8321A_MOD	ug/L	35	0	0	0.325	0.325	0.325	35	100	-	-	0	0	0	0	-	-	11	-	-	-
Dinitrotoluene[2,6-]	SW-846:8330	ug/L	6	0	0	0.18	0.36	0.54	6	100	-	-	0	0	0	0	-	-	5	-	-	-
HMX	SW-846:8321A_MOD	ug/L	35	0	0	0.325	0.325	0.325	35	100	-	-	0	0	0	0	1825	Reg6	11	-	-	-
HMX	SW-846:8330	ug/L	6	0	0	0.16	0.32	0.48	6	100	-	-	0	0	0	0	1825	Reg6	5	-	-	-
Nitrobenzene	SW-846:8321A_MOD	ug/L	35	0	0	0.325	0.325	0.325	35	100	-	-	0	0	0	0	-	-	11	-	-	-
Nitrobenzene	SW-846:8330	ug/L	6	0	0	0.16	0.32	0.48	6	100	-	-	0	0	0	0	-	-	5	-	-	-
Nitrotoluene[2-]	SW-846:8321A_MOD	ug/L	35	0	0	0.325	0.325	0.325	35	100	-	-	0	0	0	0	2.92311	Reg6	11	-	-	-
Nitrotoluene[2-]	SW-846:8330	ug/L	6	0	0	0.16	0.32	0.48	6	100	-	-	0	0	0	0	2.92311	Reg6	5	-	-	-
Nitrotoluene[3-]	SW-846:8321A_MOD	ug/L	35	0	0	0.325	0.325	0.325	35	100	-	-	0	0	0	0	121.6667	Reg6	11	-	-	-
Nitrotoluene[3-]	SW-846:8330	ug/L	6	0	0	0.32	0.645	0.97	6	100	-	-	0	0	0	0	121.6667	Reg6	5	-	-	-
Nitrotoluene[4-]	SW-846:8321A_MOD	ug/L	35	0	0	0.649	0.649	0.649	35	100	-	-	0	0	0	0	39.54796	Reg6	11	-	-	-
Nitrotoluene[4-]	SW-846:8330	ug/L	6	0	0	0.32	0.645	0.97	6	100	-	-	0	0	0	0	39.54796	Reg6	5	-	-	-
PETN	SW-846:8321A_MOD	ug/L	35	0	0	1.3	1.3	1.3	35	100	-	-	0	0	0	0	-	-	11	-	-	-
RDX	SW-846:8321A_MOD	ug/L	35	0	0	0.325	0.325	0.325	35	100	-	-	0	0	0	0	6.111958	Reg6	11	-	-	-
RDX	SW-846:8330	ug/L	6	0	0	0.16	0.32	0.48	6	100	-	-	0	0	0	0	6.111958	Reg6	5	-	-	-
TATB	SW-846:8321A_MOD	ug/L	35	0	0	1.3	1.3	1.3	35	100	-	-	0	0	0	0	-	-	11	-	-	-
Tetryl	SW-846:8321A_MOD	ug/L	34	0	0	0.649	0.649	0.649	34	100	-	-	0	0	0	0	146	Reg6	11	-	-	-
Tetryl	SW-846:8330	ug/L	6	0	0	0.49	0.995	1.5	6	100	-	-	0	0	0	0	146	Reg6	5	-	-	-
Trinitrobenzene[1,3,5-]	SW-846:8321A_MOD	ug/L	35	0	0	0.325	0.325	0.325	35	100	-	-	0	0	0	0	1095	Reg6	11	-	-	-
Trinitrobenzene[1,3,5-]	SW-846:8330	ug/L	6	0	0	0.32	0.645	0.97	6	100	-	-	0	0	0	0	1095	Reg6	5	-	-	-
Trinitrotoluene[2,4,6-]	SW-846:8321A_MOD	ug/L	35	0	0	0.325	0.325	0.325	35	100	-	-	0	0	0	0	22.41051	Reg6	11	-	-	-
Trinitrotoluene[2,4,6-]	SW-846:8330	ug/L	6	0	0	0.16	0.32	0.48	6	100	-	-	0	0	0	0	22.41051	Reg6	5	-	-	-
Tris (o-cresyl) phosphate	SW-846:8321A_MOD	ug/L	33	0	0	1.3	1.3	1.3	33	100	-	-	0	0	0	0	-	-	11	-	-	-
Mortandad, High Explosives, UF, Intermediate																						
2,4-Diamino-6-nitrotoluene	SW-846:8321A_MOD	ug/L	17	0	0	1.3	1.3	1.3	17	100	-	-	0	0	0	0	-	-	3	-	-	-
2,6-Diamino-4-nitrotoluene	SW-846:8321A_MOD	ug/L	17	0	0	1.3	1.3	1.3	17	100	-	-	0	0	0	0	-	-	3	-	-	-
3,5-Dinitroaniline	SW-846:8321A_MOD	ug/L	17	0	0	1.3	1.3	1.3	17	100	-	-	0	0	0	0	-	-	3	-	-	-
Amino-2,6-dinitrotoluene[4-]	SW-846:8321A_MOD	ug/L	16	0	0	0.325	0.325	0.325	16	100	-	-	0	0	0	0	-	-	3	-	-	-
Amino-2,6-dinitrotoluene[4-]	SW-846:8330	ug/L	2	0	0	0.1	0.1	0.1	2	100	-	-	0	0	0	0	-	-	1	-	-	-
Amino-4,6-dinitrotoluene[2-]	SW-846:8321A_MOD	ug/L	16	0	0	0.325	0.325	0.325	16	100	-	-	0	0	0	0	-	-	3	-	-	-
Amino-4,6-dinitrotoluene[2-]	SW-846:8330	ug/L	2	0	0	0.1	0.1	0.1	2	100	-	-	0	0	0	0	-	-	1	-	-	-
Dinitrobenzene[1,3-]	SW-846:8321A_MOD	ug/L	16	0	0	0.325	0.325	0.325	16	100	-	-	0	0	0	0	3.65	Reg6	3	-	-	-
Dinitrobenzene[1,3-]	SW-846:8330	ug/L	2	0	0	0.1	0.1	0.1	2	100	-	-	0	0	0	0	3.65	Reg6	1	-	-	-
Dinitrotoluene[2,4-]	SW-846:8321A_MOD	ug/L	16	0	0	0.325	0.325	0.325	16	100	-	-	0	0	0	0	-	-	3	-	-	-
Dinitrotoluene[2,4-]	SW-846:8330	ug/L	2	0	0	0.1	0.1	0.1	2	100	-	-	0	0	0	0	-	-	1	-	-	-
Dinitrotoluene[2,6-]	SW-846:8321A_MOD	ug/L	16	0	0	0.325	0.325	0.325	16	100	-	-	0	0	0	0	-	-	3	-	-	-
Dinitrotoluene[2,6-]	SW-846:8330	ug/L	2	0	0	0.1	0.1	0.1	2	100	-	-	0	0	0	0	-	-	1	-	-	-
HMX	SW-846:8321A_MOD	ug/L	16	0	0	0.325	0.325	0.325	16	100	-	-	0	0	0	0	1825	Reg6	3	-	-	-
HMX	SW-846:8330	ug/L	2	0	0	0.1	0.1	0.1	2	100	-	-	0	0	0	0	1825	Reg6	1	-	-	-
Nitrobenzene	SW-846:8321A_MOD	ug/L	16	0	0	0.325	0.325	0.325	16	100	-	-	0	0	0	0	-	-	3	-	-	-
Nitrobenzene	SW-846:8330	ug/L	2	0	0	0.1	0.1	0.1	2	100	-	-	0	0	0	0	-	-	1	-	-	-
Nitrotoluene[2-]	SW-846:8321A_MOD	ug/L	16	0	0	0.325	0.325	0.325	16	100	-	-	0	0	0	0	2.92311	Reg6	3	-	-	-
Nitrotoluene[2-]	SW-846:8330	ug/L	2	0	0	0.1	0.1	0.1	2	100	-	-	0	0	0	0	2.92311	Reg6	1	-	-	-
Nitrotoluene[3-]	SW-846:8321A_MOD	ug/L	16	0	0	0.325	0.325	0.325	16	100	-	-	0	0	0	0	121.6667	Reg6	3	-	-	-
Nitrotoluene[3-]	SW-846:8330	ug/L	2	0	0	0.1	0.1	0.1	2	100	-	-	0	0	0	0	121.6667	Reg6	1	-	-	-
Nitrotoluene[4-]	SW-846:8321A_MOD	ug/L	16	0	0	0.649	0.649	0.649	16	100	-	-	0	0	0	0	39.54796	Reg6	3	-	-	-
Nitrotoluene[4-]	SW-846:8330	ug/L	2	0	0	0.1	0.1	0.1	2	100	-	-	0	0	0	0	39.54796	Reg6	1	-	-	-
PETN	SW-846:8321A_MOD	ug/L	16	0	0	1.3	1.3	1.3	16	100	-	-	0	0	0	0	-	-	3	-	-	-
RDX	SW-846:8321A_MOD	ug/L	16	0	0	0.325	0.325	0.325	16	100	-	-	0	0	0	0	6.111958	Reg6	3	-	-	-
RDX	SW-846:8330	ug/L	2	0	0	0.1	0.1	0.1	2	100	-	-	0	0	0	0	6.111958	Reg6	1	-	-	-
TATB	SW-846:8321A_MOD	ug/L	17	0	0	1.3	1.3	1.3	17	100	-	-	0	0	0	0	-	-	3	-	-	-
Tetryl	SW-846:8321A_MOD	ug/L	16	0	0	0.649	0.649	0.649	16	100	-	-	0	0	0	0	146	Reg6	3	-	-	-
Tetryl	SW-846:8330	ug/L	2	0	0	0.1	0.1	0.1	2	100	-	-	0	0	0	0	146	Reg6	1	-	-	-
Trinitrobenzene[1,3,5-]	SW-846:8321A_MOD	ug/L	16	0	0	0.325	0.325	0.325	16	100	-	-	0	0	0	0	1095	Reg6	3	-	-	-
Trinitrobenzene[1,3,5-]	SW-846:8330	ug/L	1	0	0	0.1	0.1	0.1	1	100	-	-	0	0	0	0	1095	Reg6	1	-	-	-
Trinitrotoluene[2,4,6-]	SW-846:8321A_MOD	ug/L	16	0	0	0.325	0.325	0.325	16	100	-	-	0	0	0	0	22.41051	Reg6	3	-	-	-

Table B-3
Screening Table for Mortandad Canyon Watershed

Analyte	Method	Units	No. of Analyses	No. of Detects	D Rate %	Min	Mean	Max	No. of Non-detects	ND Rate %	BV	D> BV	ND> Std	D> Std	D> Std/2	D>Std/2 Rate %	Level	Std Type	Locations with Data (number)	D>Std (number of locations)	D>Std/2 (number of locations)	D>Std Stations
Trinitrotoluene[2,4,6-]	SW-846:8330	ug/L	2	0	0	0.1	0.1	0.1	2	100	-	-	0	0	0	0	22.41051	Reg6	1	-	-	-
Tris (o-cresyl) phosphate	SW-846:8321A_MOD	ug/L	16	0	0	1.3	1.3	1.3	16	100	-	-	0	0	0	0	-	-	3	-	-	-
Mortandad, High Explosives, UF, Regional																						
2,4-Diamino-6-nitrotoluene	SW-846:8321A_MOD	ug/L	52	0	0	1.3	1.3	1.3	52	100	-	-	0	0	0	0	-	-	11	-	-	-
2,6-Diamino-4-nitrotoluene	SW-846:8321A_MOD	ug/L	52	0	0	1.3	1.3	1.3	52	100	-	-	0	0	0	0	-	-	11	-	-	-
3,5-Dinitroaniline	SW-846:8321A_MOD	ug/L	52	0	0	1.3	1.3	1.3	52	100	-	-	0	0	0	0	-	-	11	-	-	-
Amino-2,6-dinitrotoluene[4-]	SW-846:8321A_MOD	ug/L	51	0	0	0.325	0.325	0.325	51	100	-	-	0	0	0	0	-	-	11	-	-	-
Amino-2,6-dinitrotoluene[4-]	SW-846:8330	ug/L	49	0	0	0.1	0.39367	0.65	49	100	-	-	0	0	0	0	-	-	9	-	-	-
Amino-4,6-dinitrotoluene[2-]	SW-846:8321A_MOD	ug/L	52	0	0	0.325	0.325	0.325	52	100	-	-	0	0	0	0	-	-	11	-	-	-
Amino-4,6-dinitrotoluene[2-]	SW-846:8330	ug/L	49	0	0	0.1	0.60624	0.97	49	100	-	-	0	0	0	0	-	-	9	-	-	-
Dinitrobenzene[1,3-]	SW-846:8321A_MOD	ug/L	52	0	0	0.325	0.325	0.325	52	100	-	-	0	0	0	0	3.65	Reg6	11	-	-	-
Dinitrobenzene[1,3-]	SW-846:8330	ug/L	49	0	0	0.1	0.60624	0.97	49	100	-	-	0	0	0	0	3.65	Reg6	9	-	-	-
Dinitrotoluene[2,4-]	SW-846:8321A_MOD	ug/L	52	0	0	0.325	0.325	0.325	52	100	-	-	0	0	0	0	-	-	11	-	-	-
Dinitrotoluene[2,4-]	SW-846:8330	ug/L	49	0	0	0.1	0.60624	0.97	49	100	-	-	0	0	0	0	-	-	9	-	-	-
Dinitrotoluene[2,6-]	SW-846:8321A_MOD	ug/L	52	0	0	0.325	0.325	0.325	52	100	-	-	0	0	0	0	-	-	11	-	-	-
Dinitrotoluene[2,6-]	SW-846:8330	ug/L	49	0	0	0.1	0.4198	0.65	49	100	-	-	0	0	0	0	-	-	9	-	-	-
HMX	SW-846:8321A_MOD	ug/L	52	0	0	0.325	0.325	0.325	52	100	-	-	0	0	0	0	1825	Reg6	11	-	-	-
HMX	SW-846:8330	ug/L	49	0	0	0.1	0.39367	0.65	49	100	-	-	0	0	0	0	1825	Reg6	9	-	-	-
Nitrobenzene	SW-846:8321A_MOD	ug/L	52	0	0	0.325	0.325	0.325	52	100	-	-	0	0	0	0	-	-	11	-	-	-
Nitrobenzene	SW-846:8330	ug/L	49	0	0	0.1	0.39367	0.65	49	100	-	-	0	0	0	0	-	-	9	-	-	-
Nitrotoluene[2-]	SW-846:8321A_MOD	ug/L	52	0	0	0.325	0.325	0.325	52	100	-	-	0	0	0	0	2.92311	Reg6	11	-	-	-
Nitrotoluene[2-]	SW-846:8330	ug/L	49	0	0	0.1	0.39367	0.65	49	100	-	-	0	0	0	0	2.92311	Reg6	9	-	-	-
Nitrotoluene[3-]	SW-846:8321A_MOD	ug/L	52	1	2	0.184	0.184	0.184	51	98	-	-	0	0	0	0	121.6667	Reg6	11	-	-	-
Nitrotoluene[3-]	SW-846:8330	ug/L	49	0	0	0.1	0.60624	0.97	49	100	-	-	0	0	0	0	121.6667	Reg6	9	-	-	-
Nitrotoluene[4-]	SW-846:8321A_MOD	ug/L	52	0	0	0.649	0.649	0.649	52	100	-	-	0	0	0	0	39.54796	Reg6	11	-	-	-
Nitrotoluene[4-]	SW-846:8330	ug/L	49	0	0	0.1	0.60624	0.97	49	100	-	-	0	0	0	0	39.54796	Reg6	9	-	-	-
PETN	SW-846:8321A_MOD	ug/L	52	0	0	1.3	1.3	1.3	52	100	-	-	0	0	0	0	-	-	11	-	-	-
RDX	SW-846:8321A_MOD	ug/L	52	0	0	0.325	0.325	0.325	52	100	-	-	0	0	0	0	6.111958	Reg6	11	-	-	-
RDX	SW-846:8330	ug/L	49	0	0	0.1	0.39367	0.65	49	100	-	-	0	0	0	0	6.111958	Reg6	9	-	-	-
TATB	SW-846:8321A_MOD	ug/L	52	0	0	1.3	1.3	1.3	52	100	-	-	0	0	0	0	-	-	11	-	-	-
Tetryl	SW-846:8321A_MOD	ug/L	51	0	0	0.649	0.649	0.649	51	100	-	-	0	0	0	0	146	Reg6	11	-	-	-
Tetryl	SW-846:8330	ug/L	49	0	0	0.1	0.8349	1.5	49	100	-	-	0	0	0	0	146	Reg6	9	-	-	-
Trinitrobenzene[1,3,5-]	SW-846:8321A_MOD	ug/L	52	0	0	0.325	0.325	0.325	52	100	-	-	0	0	0	0	1095	Reg6	11	-	-	-
Trinitrobenzene[1,3,5-]	SW-846:8330	ug/L	49	0	0	0.1	0.60624	0.97	49	100	-	-	0	0	0	0	1095	Reg6	9	-	-	-
Trinitrotoluene[2,4,6-]	SW-846:8321A_MOD	ug/L	52	0	0	0.325	0.325	0.325	52	100	-	-	0	0	0	0	22.41051	Reg6	11	-	-	-
Trinitrotoluene[2,4,6-]	SW-846:8330	ug/L	49	0	0	0.1	0.39367	0.65	49	100	-	-	0	0	0	0	22.41051	Reg6	9	-	-	-
Tris (o-cresyl) phosphate	SW-846:8321A_MOD	ug/L	49	0	0	1.3	1.3	1.3	49	100	-	-	0	0	0	0	-	-	11	-	-	-
Mortandad, Pesticides/PCBs, UF, Ephemeral																						
Aldrin	SW-846:8081A	ug/L	40	0	0	0.019	0.02324	0.101	40	100	-	-	40	0	0	0	0.0005	HHEU	9	-	-	-
Aroclor-1016	EPA:608	ug/L	8	0	0	0.1	0.10375	0.12	8	100	-	-	8	0	0	0	0.00064	HHEU	3	-	-	-
Aroclor-1016	SW-846:8082	ug/L	6	0	0	0.098	0.10267	0.11	6	100	-	-	6	0	0	0	0.00064	HHEU	5	-	-	-
Aroclor-1221	EPA:608	ug/L	8	0	0	0.1	0.10375	0.12	8	100	-	-	8	0	0	0	0.00064	HHEU	3	-	-	-
Aroclor-1221	SW-846:8082	ug/L	6	0	0	0.098	0.10267	0.11	6	100	-	-	6	0	0	0	0.00064	HHEU	5	-	-	-
Aroclor-1232	EPA:608	ug/L	8	0	0	0.1	0.10375	0.12	8	100	-	-	8	0	0	0	0.00064	HHEU	3	-	-	-
Aroclor-1232	SW-846:8082	ug/L	6	0	0	0.098	0.10267	0.11	6	100	-	-	6	0	0	0	0.00064	HHEU	5	-	-	-
Aroclor-1242	EPA:608	ug/L	8	0	0	0.1	0.10375	0.12	8	100	-	-	8	0	0	0	0.00064	HHEU	3	-	-	-
Aroclor-1242	SW-846:8082	ug/L	6	0	0	0.098	0.10267	0.11	6	100	-	-	6	0	0	0	0.00064	HHEU	5	-	-	-
Aroclor-1248	EPA:608	ug/L	8	0	0	0.1	0.10375	0.12	8	100	-	-	8	0	0	0	0.00064	HHEU	3	-	-	-
Aroclor-1248	SW-846:8082	ug/L	6	0	0	0.098	0.10267	0.11	6	100	-	-	6	0	0	0	0.00064	HHEU	5	-	-	-
Aroclor-1254	EPA:608	ug/L	8	0	0	0.1	0.10375	0.12	8	100	-	-	8	0	0	0	0.00064	HHEU	3	-	-	-
Aroclor-1254	SW-846:8082	ug/L	6	0	0	0.098	0.10267	0.11	6	100	-	-	6	0	0	0	0.00064	HHEU	5	-	-	-
Aroclor-1260	EPA:608	ug/L	8	0	0	0.1	0.10375	0.12	8	100	-	-	8	0	0	0	0.00064	HHEU	3	-	-	-
Aroclor-1260	SW-846:8082	ug/L	6	1	17	1.1	1.1	1.1	5	83	-	-	5	1	1	17	0.00064	HHEU	5	1	1	TS-1W
Aroclor-1262	EPA:608	ug/L	8	0	0	0.1	0.10375	0.12	8	100	-	-	8	0	0	0	0.00064	HHEU	3	-	-	-
Aroclor-1262	SW-846:8082	ug/L	6	0	0	0.098	0.10267	0.11	6	100	-	-	6	0	0	0	0.00064	HHEU	5	-	-	-
BHC[alpha-]	SW-846:8081A	ug/L	40	0	0	0.019	0.02324	0.101	40	100	-	-	0	0	0	0	-	-	9	-	-	-

Table B-3
Screening Table for Mortandad Canyon Watershed

Analyte	Method	Units	No. of Analyses	No. of Detects	D Rate %	Min	Mean	Max	No. of Non-detects	ND Rate %	BV	D> BV	ND> Std	D> Std	D> Std/2	D>Std/2 Rate %	Level	Std Type	Locations with Data (number)	D>Std (number of locations)	D>Std/2 (number of locations)	D>Std Stations
BHC[beta-]	SW-846:8081A	ug/L	40	0	0	*0.019*	*0.02324*	*0.101*	40	100	-	-	0	0	0	0	-	-	9	-	-	-
BHC[delta-]	SW-846:8081A	ug/L	40	1	3	0.0143	0.0143	0.0143	39	98	-	-	0	0	0	0	-	-	9	-	-	-
BHC[gamma-]	SW-846:8081A	ug/L	40	0	0	*0.019*	*0.02324*	*0.101*	40	100	-	-	0	0	0	0	0.95	AqAcU	9	-	-	-
Chlordane[alpha-]	SW-846:8081A	ug/L	40	0	0	*0.019*	*0.02324*	*0.101*	40	100	-	-	0	0	0	0	-	-	9	-	-	-
Chlordane[gamma-]	SW-846:8081A	ug/L	40	0	0	*0.019*	*0.02324*	*0.101*	40	100	-	-	0	0	0	0	-	-	9	-	-	-
DDD[4,4'-]	SW-846:8081A	ug/L	40	1	3	0.0939	0.0939	0.0939	39	98	-	-	39	1	1	3	0.0022	HHEU	9	1	1	E-1W
DDE[4,4'-]	SW-846:8081A	ug/L	40	1	3	0.0492	0.0492	0.0492	39	98	-	-	39	1	1	3	0.0022	HHEU	9	1	1	E-1W
DDT[4,4'-]	SW-846:8081A	ug/L	40	2	5	0.0164	0.0652	0.114	38	95	-	-	38	2	2	5	0.0022	HHEU	9	2	2	E-1E, E-1W
Dieldrin	SW-846:8081A	ug/L	40	1	3	0.0243	0.0243	0.0243	39	98	-	-	39	1	1	3	0.00054	HHEU	9	1	1	E-1W
Endosulfan I	SW-846:8081A	ug/L	40	1	3	0.021	0.021	0.021	39	98	-	-	0	0	0	0	0.22	AqAcU	9	-	-	-
Endosulfan II	SW-846:8081A	ug/L	40	1	3	0.0488	0.0488	0.0488	39	98	-	-	0	0	0	0	0.22	AqAcU	9	-	-	-
Endosulfan Sulfate	SW-846:8081A	ug/L	38	1	3	0.0712	0.0712	0.0712	37	97	-	-	0	0	0	0	-	-	9	-	-	-
Endrin	SW-846:8081A	ug/L	40	1	3	0.0411	0.0411	0.0411	39	98	-	-	1	0	0	0	0.086	AqAcU	9	-	-	-
Endrin Aldehyde	SW-846:8081A	ug/L	40	0	0	*0.0381*	*0.04648*	*0.202*	40	100	-	-	0	0	0	0	-	-	9	-	-	-
Endrin Ketone	SW-846:8081A	ug/L	40	0	0	*0.0381*	*0.04648*	*0.202*	40	100	-	-	0	0	0	0	-	-	9	-	-	-
Heptachlor	SW-846:8081A	ug/L	40	0	0	*0.019*	*0.02324*	*0.101*	40	100	-	-	0	0	0	0	0.52	AqAcU	9	-	-	-
Heptachlor Epoxide	SW-846:8081A	ug/L	40	1	3	0.012	0.012	0.012	39	98	-	-	0	0	0	0	0.52	AqAcU	9	-	-	-
Methoxychlor[4,4'-]	SW-846:8081A	ug/L	40	0	0	*0.19*	*0.2324*	*1.01*	40	100	-	-	0	0	0	0	-	-	9	-	-	-
Toxaphene (Technical Grade)	SW-846:8081A	ug/L	40	0	0	*0.495*	*0.65605*	*5.05*	40	100	-	-	2	0	0	0	0.73	AqAcU	9	-	-	-
Mortandad, Pesticides/PCBs, UF, Springs																						
Aldrin	SW-846:8081A	ug/L	4	0	0	*0.0215*	*0.02225*	*0.0233*	4	100	-	-	0	0	0	0	0.03954796	Reg6	1	-	-	-
BHC[alpha-]	SW-846:8081A	ug/L	4	0	0	*0.0215*	*0.02225*	*0.0233*	4	100	-	-	0	0	0	0	0.1067167	Reg6	1	-	-	-
BHC[beta-]	SW-846:8081A	ug/L	4	0	0	*0.0215*	*0.02225*	*0.0233*	4	100	-	-	0	0	0	0	0.3735085	Reg6	1	-	-	-
BHC[delta-]	SW-846:8081A	ug/L	4	0	0	*0.0215*	*0.02225*	*0.0233*	4	100	-	-	0	0	0	0	-	-	1	-	-	-
BHC[gamma-]	SW-846:8081A	ug/L	4	0	0	*0.0215*	*0.02225*	*0.0233*	4	100	-	-	0	0	0	0	0.2	MCL	1	-	-	-
Chlordane[alpha-]	SW-846:8081A	ug/L	4	0	0	*0.0215*	*0.02225*	*0.0233*	4	100	-	-	0	0	0	0	-	-	1	-	-	-
Chlordane[gamma-]	SW-846:8081A	ug/L	4	0	0	*0.0215*	*0.02225*	*0.0233*	4	100	-	-	0	0	0	0	-	-	1	-	-	-
DDD[4,4'-]	SW-846:8081A	ug/L	4	0	0	*0.043*	*0.04448*	*0.0465*	4	100	-	-	0	0	0	0	2.801314	Reg6	1	-	-	-
DDE[4,4'-]	SW-846:8081A	ug/L	4	0	0	*0.043*	*0.04448*	*0.0465*	4	100	-	-	0	0	0	0	1.977398	Reg6	1	-	-	-
DDT[4,4'-]	SW-846:8081A	ug/L	4	0	0	*0.043*	*0.04448*	*0.0465*	4	100	-	-	0	0	0	0	1.977398	Reg6	1	-	-	-
Dieldrin	SW-846:8081A	ug/L	4	0	0	*0.043*	*0.04448*	*0.0465*	4	100	-	-	4	0	0	0	0.04201971	Reg6	1	-	-	-
Endosulfan I	SW-846:8081A	ug/L	4	0	0	*0.0215*	*0.02225*	*0.0233*	4	100	-	-	0	0	0	0	-	-	1	-	-	-
Endosulfan II	SW-846:8081A	ug/L	4	0	0	*0.043*	*0.04448*	*0.0465*	4	100	-	-	0	0	0	0	-	-	1	-	-	-
Endosulfan Sulfate	SW-846:8081A	ug/L	4	0	0	*0.043*	*0.04448*	*0.0465*	4	100	-	-	0	0	0	0	-	-	1	-	-	-
Endrin	SW-846:8081A	ug/L	4	0	0	*0.043*	*0.04448*	*0.0465*	4	100	-	-	0	0	0	0	2	MCL	1	-	-	-
Endrin Aldehyde	SW-846:8081A	ug/L	4	0	0	*0.043*	*0.04448*	*0.0465*	4	100	-	-	0	0	0	0	-	-	1	-	-	-
Endrin Ketone	SW-846:8081A	ug/L	4	0	0	*0.043*	*0.04448*	*0.0465*	4	100	-	-	0	0	0	0	-	-	1	-	-	-
Heptachlor	SW-846:8081A	ug/L	4	0	0	*0.0215*	*0.02225*	*0.0233*	4	100	-	-	0	0	0	0	0.4	MCL	1	-	-	-
Heptachlor Epoxide	SW-846:8081A	ug/L	4	0	0	*0.0215*	*0.02225*	*0.0233*	4	100	-	-	0	0	0	0	0.2	MCL	1	-	-	-
Methoxychlor[4,4'-]	SW-846:8081A	ug/L	4	0	0	*0.215*	*0.2225*	*0.233*	4	100	-	-	0	0	0	0	40	MCL	1	-	-	-
Toxaphene (Technical Grade)	SW-846:8081A	ug/L	4	0	0	*0.538*	*0.556*	*0.581*	4	100	-	-	0	0	0	0	3	MCL	1	-	-	-
Mortandad, Pesticides/PCBs, UF, Alluvial																						
Aldrin	SW-846:8081A	ug/L	53	0	0	*0.0175*	*0.02081*	*0.0235*	53	100	-	-	0	0	0	0	0.03954796	Reg6	13	-	-	-
Aroclor-1016	EPA:608	ug/L	4	0	0	*0.1*	*0.1*	*0.1*	4	100	-	-	0	0	0	0	0.5	MCL	4	-	-	-
Aroclor-1016	SW-846:8082	ug/L	18	0	0	*0.1*	*0.10106*	*0.11*	18	100	-	-	0	0	0	0	0.5	MCL	10	-	-	-
Aroclor-1221	EPA:608	ug/L	4	0	0	*0.1*	*0.1*	*0.1*	4	100	-	-	0	0	0	0	0.5	MCL	4	-	-	-
Aroclor-1221	SW-846:8082	ug/L	18	0	0	*0.1*	*0.10106*	*0.11*	18	100	-	-	0	0	0	0	0.5	MCL	10	-	-	-
Aroclor-1232	EPA:608	ug/L	4	0	0	*0.1*	*0.1*	*0.1*	4	100	-	-	0	0	0	0	0.5	MCL	4	-	-	-
Aroclor-1232	SW-846:8082	ug/L	18	0	0	*0.1*	*0.10106*	*0.11*	18	100	-	-	0	0	0	0	0.5	MCL	10	-	-	-
Aroclor-1242	EPA:608	ug/L	4	0	0	*0.1*	*0.1*	*0.1*	4	100	-	-	0	0	0	0	0.5	MCL	4	-	-	-
Aroclor-1242	SW-846:8082	ug/L	18	0	0	*0.1*	*0.10156*	*0.11*	18	100	-	-	0	0	0	0	0.5	MCL	10	-	-	-
Aroclor-1248	EPA:608	ug/L	4	0	0	*0.1*	*0.1*	*0.1*	4	100	-	-	0	0	0	0	0.5	MCL	4	-	-	-
Aroclor-1248	SW-846:8082	ug/L	18	0	0	*0.1*	*0.10106*	*0.11*	18	100	-	-	0	0	0	0	0.5	MCL	10	-	-	-
Aroclor-1254	EPA:608	ug/L	4	0	0	*0.1*	*0.1*	*0.1*	4	100	-	-	0	0	0	0	0.5	MCL	4	-	-	-
Aroclor-1254	SW-846:8082	ug/L	18	0	0	*0.1*	*0.10106*	*0.11*	18	100	-	-	0	0	0	0	0.5	MCL	10	-	-	-
Aroclor-1260	EPA:608	ug/L	4	0	0	*0.1*	*0.1*	*0.1*	4	100	-	-	0	0	0	0	0.5	MCL	4	-	-	-

Table B-3
Screening Table for Mortandad Canyon Watershed

Analyte	Method	Units	No. of Analyses	No. of Detects	D Rate %	Min	Mean	Max	No. of Non-detects	ND Rate %	BV	D> BV	ND> Std	D> Std	D> Std/2	D>Std/2 Rate %	Level	Std Type	Locations with Data (number)	D>Std (number of locations)	D>Std/2 (number of locations)	D>Std Stations
Aroclor-1260	SW-846:8082	ug/L	18	0	0	0.1	0.10106	0.11	18	100	-	-	0	0	0	0	0.5	MCL	10	-	-	-
Aroclor-1262	EPA:608	ug/L	4	0	0	0.1	0.1	0.1	4	100	-	-	0	0	0	0	0.5	MCL	4	-	-	-
Aroclor-1262	SW-846:8082	ug/L	18	0	0	0.1	0.10106	0.11	18	100	-	-	0	0	0	0	0.5	MCL	10	-	-	-
BHC[alpha-]	SW-846:8081A	ug/L	53	0	0	0.0175	0.02081	0.0235	53	100	-	-	0	0	0	0	0.1067167	Reg6	13	-	-	-
BHC[beta-]	SW-846:8081A	ug/L	53	0	0	0.0175	0.02081	0.0235	53	100	-	-	0	0	0	0	0.3735085	Reg6	13	-	-	-
BHC[delta-]	SW-846:8081A	ug/L	53	0	0	0.0175	0.02081	0.0235	53	100	-	-	0	0	0	0	-	-	13	-	-	-
BHC[gamma-]	SW-846:8081A	ug/L	53	0	0	0.0175	0.02081	0.0235	53	100	-	-	0	0	0	0	0.2	MCL	13	-	-	-
Chlordane[alpha-]	SW-846:8081A	ug/L	53	0	0	0.0175	0.02081	0.0235	53	100	-	-	0	0	0	0	-	-	13	-	-	-
Chlordane[gamma-]	SW-846:8081A	ug/L	53	0	0	0.0175	0.02081	0.0235	53	100	-	-	0	0	0	0	-	-	13	-	-	-
DDD[4,4'-]	SW-846:8081A	ug/L	53	1	2	0.0068	0.0068	0.0068	52	98	-	-	0	0	0	0	2.801314	Reg6	13	-	-	-
DDE[4,4'-]	SW-846:8081A	ug/L	53	0	0	0.0351	0.04163	0.0471	53	100	-	-	0	0	0	0	1.977398	Reg6	13	-	-	-
DDT[4,4'-]	SW-846:8081A	ug/L	52	0	0	0.0351	0.04166	0.0471	52	100	-	-	0	0	0	0	1.977398	Reg6	13	-	-	-
Dieldrin	SW-846:8081A	ug/L	53	0	0	0.0351	0.04163	0.0471	53	100	-	-	16	0	0	0	0.04201971	Reg6	13	-	-	-
Endosulfan I	SW-846:8081A	ug/L	53	0	0	0.0175	0.02081	0.0235	53	100	-	-	0	0	0	0	-	-	13	-	-	-
Endosulfan II	SW-846:8081A	ug/L	53	0	0	0.0351	0.04163	0.0471	53	100	-	-	0	0	0	0	-	-	13	-	-	-
Endosulfan Sulfate	SW-846:8081A	ug/L	53	0	0	0.0351	0.04163	0.0471	53	100	-	-	0	0	0	0	-	-	13	-	-	-
Endrin	SW-846:8081A	ug/L	53	0	0	0.0351	0.04163	0.0471	53	100	-	-	0	0	0	0	2	MCL	13	-	-	-
Endrin Aldehyde	SW-846:8081A	ug/L	53	1	2	0.00664	0.00664	0.00664	52	98	-	-	0	0	0	0	-	-	13	-	-	-
Endrin Ketone	SW-846:8081A	ug/L	53	0	0	0.0351	0.04163	0.0471	53	100	-	-	0	0	0	0	-	-	13	-	-	-
Heptachlor	SW-846:8081A	ug/L	53	0	0	0.0175	0.02081	0.0235	53	100	-	-	0	0	0	0	0.4	MCL	13	-	-	-
Heptachlor Epoxide	SW-846:8081A	ug/L	53	0	0	0.0175	0.02081	0.0235	53	100	-	-	0	0	0	0	0.2	MCL	13	-	-	-
Methoxychlor[4,4'-]	SW-846:8081A	ug/L	52	0	0	0.175	0.20769	0.235	52	100	-	-	0	0	0	0	40	MCL	13	-	-	-
Toxaphene (Technical Grade)	SW-846:8081A	ug/L	53	0	0	0.439	0.57602	1.01	53	100	-	-	0	0	0	0	3	MCL	13	-	-	-
Mortandad, Pesticides/PCBs, UF, Intermediate																						
Aldrin	SW-846:8081A	ug/L	23	0	0	0.02	0.02212	0.04	23	100	-	-	1	0	0	0	0.03954796	Reg6	4	-	-	-
Aroclor-1016	SW-846:8082	ug/L	6	0	0	0.1	0.10133	0.104	6	100	-	-	0	0	0	0	0.5	MCL	4	-	-	-
Aroclor-1221	SW-846:8082	ug/L	6	0	0	0.1	0.10133	0.104	6	100	-	-	0	0	0	0	0.5	MCL	4	-	-	-
Aroclor-1232	SW-846:8082	ug/L	6	0	0	0.1	0.10133	0.104	6	100	-	-	0	0	0	0	0.5	MCL	4	-	-	-
Aroclor-1242	SW-846:8082	ug/L	6	0	0	0.1	0.10133	0.104	6	100	-	-	0	0	0	0	0.5	MCL	4	-	-	-
Aroclor-1248	SW-846:8082	ug/L	6	0	0	0.1	0.10133	0.104	6	100	-	-	0	0	0	0	0.5	MCL	4	-	-	-
Aroclor-1254	SW-846:8082	ug/L	6	0	0	0.1	0.10133	0.104	6	100	-	-	0	0	0	0	0.5	MCL	4	-	-	-
Aroclor-1260	SW-846:8082	ug/L	6	0	0	0.1	0.10133	0.104	6	100	-	-	0	0	0	0	0.5	MCL	4	-	-	-
Aroclor-1262	SW-846:8082	ug/L	4	0	0	0.1	0.102	0.104	4	100	-	-	0	0	0	0	0.5	MCL	3	-	-	-
BHC[alpha-]	SW-846:8081A	ug/L	23	0	0	0.02	0.02212	0.04	23	100	-	-	0	0	0	0	0.1067167	Reg6	4	-	-	-
BHC[beta-]	SW-846:8081A	ug/L	23	0	0	0.02	0.02212	0.04	23	100	-	-	0	0	0	0	0.3735085	Reg6	4	-	-	-
BHC[delta-]	SW-846:8081A	ug/L	23	0	0	0.02	0.02212	0.04	23	100	-	-	0	0	0	0	-	-	4	-	-	-
BHC[gamma-]	SW-846:8081A	ug/L	23	0	0	0.02	0.02212	0.04	23	100	-	-	0	0	0	0	0.2	MCL	4	-	-	-
Chlordane[alpha-]	SW-846:8081A	ug/L	23	0	0	0.02	0.02212	0.04	23	100	-	-	0	0	0	0	-	-	4	-	-	-
Chlordane[gamma-]	SW-846:8081A	ug/L	23	0	0	0.02	0.02212	0.04	23	100	-	-	0	0	0	0	-	-	4	-	-	-
DDD[4,4'-]	SW-846:8081A	ug/L	23	0	0	0.04	0.04424	0.08	23	100	-	-	0	0	0	0	2.801314	Reg6	4	-	-	-
DDE[4,4'-]	SW-846:8081A	ug/L	23	0	0	0.04	0.04467	0.08	23	100	-	-	0	0	0	0	1.977398	Reg6	4	-	-	-
DDT[4,4'-]	SW-846:8081A	ug/L	23	1	4	0.03	0.03	0.03	22	96	-	-	0	0	0	0	1.977398	Reg6	4	-	-	-
Dieldrin	SW-846:8081A	ug/L	23	0	0	0.04	0.04424	0.08	23	100	-	-	13	0	0	0	0.04201971	Reg6	4	-	-	-
Endosulfan I	SW-846:8081A	ug/L	23	0	0	0.02	0.02212	0.04	23	100	-	-	0	0	0	0	-	-	4	-	-	-
Endosulfan II	SW-846:8081A	ug/L	23	0	0	0.04	0.04424	0.08	23	100	-	-	0	0	0	0	-	-	4	-	-	-
Endosulfan Sulfate	SW-846:8081A	ug/L	23	0	0	0.04	0.04424	0.08	23	100	-	-	0	0	0	0	-	-	4	-	-	-
Endrin	SW-846:8081A	ug/L	23	0	0	0.04	0.04424	0.08	23	100	-	-	0	0	0	0	2	MCL	4	-	-	-
Endrin Aldehyde	SW-846:8081A	ug/L	23	0	0	0.04	0.04424	0.08	23	100	-	-	0	0	0	0	-	-	4	-	-	-
Endrin Ketone	SW-846:8081A	ug/L	23	0	0	0.04	0.04424	0.08	23	100	-	-	0	0	0	0	-	-	4	-	-	-
Heptachlor	SW-846:8081A	ug/L	23	0	0	0.02	0.02212	0.04	23	100	-	-	0	0	0	0	0.4	MCL	4	-	-	-
Heptachlor Epoxide	SW-846:8081A	ug/L	23	0	0	0.02	0.02212	0.04	23	100	-	-	0	0	0	0	0.2	MCL	4	-	-	-
Methoxychlor[4,4'-]	SW-846:8081A	ug/L	23	0	0	0.2	0.22248	0.4	23	100	-	-	0	0	0	0	40	MCL	4	-	-	-
Toxaphene (Technical Grade)	SW-846:8081A	ug/L	23	0	0	0.5	0.60078	1.1	23	100	-	-	0	0	0	0	3	MCL	4	-	-	-
Mortandad, Pesticides/PCBs, UF, Regional																						
Aldrin	SW-846:8081A	ug/L	115	0	0	0.004	0.0219	0.1	115	100	-	-	2	0	0	0	0.03954796	Reg6	11	-	-	-
Aroclor-1016	SW-846:8082	ug/L	84	0	0	0.0532	0.1028	0.119	84	100	-	-	0	0	0	0	0.5	MCL	11	-	-	-

Table B-3
Screening Table for Mortandad Canyon Watershed

Analyte	Method	Units	No. of Analyses	No. of Detects	D Rate %	Min	Mean	Max	No. of Non-detects	ND Rate %	BV	D> BV	ND> Std	D> Std	D> Std/2	D>Std/2 Rate %	Level	Std Type	Locations with Data (number)	D>Std (number of locations)	D>Std/2 (number of locations)	D>Std Stations
Aroclor-1221	SW-846:8082	ug/L	84	0	0	*0.0532*	*0.1028*	*0.119*	84	100	-	-	0	0	0	0	0.5	MCL	11	-	-	-
Aroclor-1232	SW-846:8082	ug/L	84	0	0	*0.0532*	*0.1028*	*0.119*	84	100	-	-	0	0	0	0	0.5	MCL	11	-	-	-
Aroclor-1242	SW-846:8082	ug/L	84	0	0	*0.0532*	*0.10566*	*0.25*	84	100	-	-	0	0	0	0	0.5	MCL	11	-	-	-
Aroclor-1248	SW-846:8082	ug/L	84	0	0	*0.0532*	*0.1028*	*0.119*	84	100	-	-	0	0	0	0	0.5	MCL	11	-	-	-
Aroclor-1254	SW-846:8082	ug/L	84	0	0	*0.0532*	*0.1028*	*0.119*	84	100	-	-	0	0	0	0	0.5	MCL	11	-	-	-
Aroclor-1260	SW-846:8082	ug/L	84	0	0	*0.0532*	*0.1028*	*0.119*	84	100	-	-	0	0	0	0	0.5	MCL	11	-	-	-
Aroclor-1262	SW-846:8082	ug/L	41	0	0	*0.0532*	*0.1031*	*0.119*	41	100	-	-	0	0	0	0	0.5	MCL	10	-	-	-
BHC[alpha-]	SW-846:8081A	ug/L	115	0	0	*0.004*	*0.0219*	*0.1*	115	100	-	-	0	0	0	0	0.1067167	Reg6	11	-	-	-
BHC[beta-]	SW-846:8081A	ug/L	115	0	0	*0.004*	*0.0219*	*0.1*	115	100	-	-	0	0	0	0	0.3735085	Reg6	11	-	-	-
BHC[delta-]	SW-846:8081A	ug/L	115	0	0	*0.004*	*0.0219*	*0.1*	115	100	-	-	0	0	0	0	-	-	11	-	-	-
BHC[gamma-]	SW-846:8081A	ug/L	115	1	1	0.0129	0.0129	0.0129	114	99	-	-	0	0	0	0	0.2	MCL	11	-	-	-
Chlordane[alpha-]	SW-846:8081A	ug/L	115	0	0	*0.004*	*0.0219*	*0.1*	115	100	-	-	0	0	0	0	-	-	11	-	-	-
Chlordane[gamma-]	SW-846:8081A	ug/L	115	0	0	*0.004*	*0.0219*	*0.1*	115	100	-	-	0	0	0	0	-	-	11	-	-	-
DDD[4,4'-]	SW-846:8081A	ug/L	112	2	2	0.00735	0.00854	0.00973	110	98	-	-	0	0	0	0	2.801314	Reg6	11	-	-	-
DDE[4,4'-]	SW-846:8081A	ug/L	113	4	4	0.0059	0.00892	0.0118	109	96	-	-	0	0	0	0	1.977398	Reg6	11	-	-	-
DDT[4,4'-]	SW-846:8081A	ug/L	112	1	1	0.0136	0.0136	0.0136	111	99	-	-	0	0	0	0	1.977398	Reg6	11	-	-	-
Dieldrin	SW-846:8081A	ug/L	114	1	1	0.00631	0.00631	0.00631	113	99	-	-	60	0	0	0	0.04201971	Reg6	11	-	-	-
Endosulfan I	SW-846:8081A	ug/L	115	0	0	*0.004*	*0.0219*	*0.1*	115	100	-	-	0	0	0	0	-	-	11	-	-	-
Endosulfan II	SW-846:8081A	ug/L	114	0	0	*0.008*	*0.04382*	*0.2*	114	100	-	-	0	0	0	0	-	-	11	-	-	-
Endosulfan Sulfate	SW-846:8081A	ug/L	113	1	1	0.00964	0.00964	0.00964	112	99	-	-	0	0	0	0	-	-	11	-	-	-
Endrin	SW-846:8081A	ug/L	114	2	2	0.0068	0.0076	0.0084	112	98	-	-	0	0	0	0	2	MCL	11	-	-	-
Endrin Aldehyde	SW-846:8081A	ug/L	112	0	0	*0.0388*	*0.04416*	*0.2*	112	100	-	-	0	0	0	0	-	-	11	-	-	-
Endrin Ketone	SW-846:8081A	ug/L	114	1	1	0.0208	0.0208	0.0208	113	99	-	-	0	0	0	0	-	-	11	-	-	-
Heptachlor	SW-846:8081A	ug/L	115	0	0	*0.004*	*0.0219*	*0.1*	115	100	-	-	0	0	0	0	0.4	MCL	11	-	-	-
Heptachlor Epoxide	SW-846:8081A	ug/L	113	0	0	*0.004*	*0.02191*	*0.1*	113	100	-	-	0	0	0	0	0.2	MCL	11	-	-	-
Methoxychlor[4,4'-]	SW-846:8081A	ug/L	105	1	1	0.265	0.265	0.265	104	99	-	-	0	0	0	0	40	MCL	11	-	-	-
Toxaphene (Technical Grade)	SW-846:8081A	ug/L	115	0	0	*0.1*	*0.74014*	*5*	115	100	-	-	1	0	0	0	3	MCL	11	-	-	-
Mortandad, SVOA, UF, Ephemeral																						
Acenaphthene	EPA:625	ug/L	14	0	0	*1*	*1.06429*	*1.2*	14	100	-	-	0	0	0	0	-	-	9	-	-	-
Acenaphthene	SW-846:8270C	ug/L	36	1	3	0.489	0.489	0.489	35	97	-	-	0	0	0	0	-	-	9	-	-	-
Acenaphthylene	EPA:625	ug/L	14	0	0	*1*	*1.06429*	*1.2*	14	100	-	-	0	0	0	0	-	-	9	-	-	-
Acenaphthylene	SW-846:8270C	ug/L	39	1	3	0.503	0.503	0.503	38	97	-	-	0	0	0	0	-	-	9	-	-	-
Aniline	EPA:625	ug/L	14	0	0	*10*	*10.7214*	*12.5*	14	100	-	-	0	0	0	0	-	-	9	-	-	-
Aniline	SW-846:8270C	ug/L	35	0	0	*10*	*11.0657*	*20.4*	35	100	-	-	0	0	0	0	-	-	9	-	-	-
Anthracene	EPA:625	ug/L	14	0	0	*1*	*1.06429*	*1.2*	14	100	-	-	0	0	0	0	-	-	9	-	-	-
Anthracene	SW-846:8270C	ug/L	36	1	3	0.548	0.548	0.548	35	97	-	-	0	0	0	0	-	-	9	-	-	-
Atrazine	SW-846:8270C	ug/L	39	0	0	*10*	*11.8231*	*40*	39	100	-	-	0	0	0	0	-	-	9	-	-	-
Azobenzene	EPA:625	ug/L	12	0	0	*10.2*	*10.8417*	*12.5*	12	100	-	-	0	0	0	0	-	-	9	-	-	-
Azobenzene	SW-846:8270C	ug/L	39	0	0	*10*	*11.8231*	*40*	39	100	-	-	0	0	0	0	-	-	9	-	-	-
Benzidine	EPA:625	ug/L	7	0	0	*50*	*51.9714*	*54.3*	7	100	-	-	0	0	0	0	-	-	4	-	-	-
Benzidine	SW-846:8270C	ug/L	15	0	0	*10*	*27.5533*	*102*	15	100	-	-	0	0	0	0	-	-	6	-	-	-
Benzo(a)anthracene	EPA:625	ug/L	14	0	0	*1*	*1.06429*	*1.2*	14	100	-	-	0	0	0	0	-	-	9	-	-	-
Benzo(a)anthracene	SW-846:8270C	ug/L	38	0	0	*1*	*1.18316*	*4*	38	100	-	-	0	0	0	0	-	-	9	-	-	-
Benzo(a)pyrene	EPA:625	ug/L	14	0	0	*1*	*1.06429*	*1.2*	14	100	-	-	14	0	0	0	0.18	HHEU	9	-	-	-
Benzo(a)pyrene	SW-846:8270C	ug/L	39	1	3	0.527	0.527	0.527	38	97	-	-	38	1	1	3	0.18	HHEU	9	1	1	E-1W
Benzo(b)fluoranthene	EPA:625	ug/L	14	0	0	*1*	*1.06429*	*1.2*	14	100	-	-	0	0	0	0	-	-	9	-	-	-
Benzo(b)fluoranthene	SW-846:8270C	ug/L	37	1	3	0.492	0.492	0.492	36	97	-	-	0	0	0	0	-	-	9	-	-	-
Benzo(g,h,i)perylene	EPA:625	ug/L	14	0	0	*1*	*1.06429*	*1.2*	14	100	-	-	0	0	0	0	-	-	9	-	-	-
Benzo(g,h,i)perylene	SW-846:8270C	ug/L	39	1	3	0.44	0.44	0.44	38	97	-	-	0	0	0	0	-	-	9	-	-	-
Benzo(k)fluoranthene	EPA:625	ug/L	14	0	0	*1*	*1.06429*	*1.2*	14	100	-	-	0	0	0	0	-	-	9	-	-	-
Benzo(k)fluoranthene	SW-846:8270C	ug/L	36	1	3	0.579	0.579	0.579	35	97	-	-	0	0	0	0	-	-	9	-	-	-
Benzoic Acid	EPA:625	ug/L	9	0	0	*20*	*20.7111*	*21.7*	9	100	-	-	0	0	0	0	-	-	5	-	-	-
Benzoic Acid	SW-846:8270C	ug/L	33	2	6	12.8	13.5	14.2	31	94	-	-	0	0	0	0	-	-	9	-	-	-
Benzyl Alcohol	EPA:625	ug/L	14	0	0	*10*	*10.7214*	*12.5*	14	100	-	-	0	0	0	0	-	-	9	-	-	-
Benzyl Alcohol	SW-846:8270C	ug/L	39	1	3	10.3	10.3	10.3	38	97	-	-	0	0	0	0	-	-	9	-	-	-
Bis(2-chloroethoxy)methane	EPA:625	ug/L	14	0	0	*10*	*10.7214*	*12.5*	14	100	-	-	0	0	0	0	-	-	9	-	-	-
Bis(2-chloroethoxy)methane	SW-846:8270C	ug/L	37	1	3	10.3	10.3	10.3	36	97	-	-	0	0	0	0	-	-	9	-	-	-
Bis(2-chloroethyl)ether	EPA:625	ug/L	14	0	0	*10*	*10.7214*	*12.5*	14	100	-	-	0	0	0	0	-	-	9	-	-	-

Analyte	Method	Units	No. of Analyses	No. of Detects	D Rate %	Min	Mean	Max	No. of Non-detects	ND Rate %	BV	D> BV	ND> Std	D> Std	D> Std/2	D>Std/2 Rate %	Level	Std Type	Locations with Data (number)	D>Std (number of locations)	D>Std/2 (number of locations)	D>Std Stations
Bis(2-chloroethyl)ether	SW-846:8270C	ug/L	39	1	3	10.3	10.3	10.3	38	97	-	-	0	0	0	0	-	-	9	-	-	-
Bis(2-ethylhexyl)phthalate	EPA:625	ug/L	14	1	7	1.6	1.6	1.6	13	93	-	-	0	0	0	0	-	-	9	-	-	-
Bis(2-ethylhexyl)phthalate	SW-846:8270C	ug/L	39	1	3	2.15	2.15	2.15	38	97	-	-	0	0	0	0	-	-	9	-	-	-
Bromophenyl-phenylether[4-]	EPA:625	ug/L	14	0	0	*10*	*10.7214*	*12.5*	14	100	-	-	0	0	0	0	-	-	9	-	-	-
Bromophenyl-phenylether[4-]	SW-846:8270C	ug/L	39	0	0	*10*	*11.8231*	*40*	39	100	-	-	0	0	0	0	-	-	9	-	-	-
Butylbenzylphthalate	EPA:625	ug/L	14	0	0	*10*	*10.7214*	*12.5*	14	100	-	-	0	0	0	0	-	-	9	-	-	-
Butylbenzylphthalate	SW-846:8270C	ug/L	39	0	0	*10*	*11.8231*	*40*	39	100	-	-	0	0	0	0	-	-	9	-	-	-
Chloro-3-methylphenol[4-]	EPA:625	ug/L	14	0	0	*10*	*10.7214*	*12.5*	14	100	-	-	0	0	0	0	-	-	9	-	-	-
Chloro-3-methylphenol[4-]	SW-846:8270C	ug/L	35	0	0	*10*	*11.9571*	*40*	35	100	-	-	0	0	0	0	-	-	9	-	-	-
Chloroaniline[4-]	EPA:625	ug/L	14	0	0	*10*	*10.7214*	*12.5*	14	100	-	-	0	0	0	0	-	-	9	-	-	-
Chloroaniline[4-]	SW-846:8270C	ug/L	39	0	0	*10*	*11.8231*	*40*	39	100	-	-	0	0	0	0	-	-	9	-	-	-
Chloronaphthalene[2-]	EPA:625	ug/L	14	0	0	*1*	*1.06429*	*1.2*	14	100	-	-	0	0	0	0	-	-	9	-	-	-
Chloronaphthalene[2-]	SW-846:8270C	ug/L	36	1	3	0.453	0.453	0.453	35	97	-	-	0	0	0	0	-	-	9	-	-	-
Chlorophenol[2-]	EPA:625	ug/L	14	0	0	*10*	*10.7214*	*12.5*	14	100	-	-	0	0	0	0	-	-	9	-	-	-
Chlorophenol[2-]	SW-846:8270C	ug/L	35	0	0	*10*	*11.9571*	*40*	35	100	-	-	0	0	0	0	-	-	9	-	-	-
Chlorophenyl-phenyl[4-] Ether	EPA:625	ug/L	14	0	0	*10*	*10.7214*	*12.5*	14	100	-	-	0	0	0	0	-	-	9	-	-	-
Chlorophenyl-phenyl[4-] Ether	SW-846:8270C	ug/L	39	0	0	*10*	*11.8231*	*40*	39	100	-	-	0	0	0	0	-	-	9	-	-	-
Chrysene	EPA:625	ug/L	14	0	0	*1*	*1.06429*	*1.2*	14	100	-	-	0	0	0	0	-	-	9	-	-	-
Chrysene	SW-846:8270C	ug/L	38	1	3	0.635	0.635	0.635	37	97	-	-	0	0	0	0	-	-	9	-	-	-
Dibenz(a,h)anthracene	EPA:625	ug/L	14	0	0	*1*	*1.06429*	*1.2*	14	100	-	-	0	0	0	0	-	-	9	-	-	-
Dibenz(a,h)anthracene	SW-846:8270C	ug/L	39	1	3	0.484	0.484	0.484	38	97	-	-	0	0	0	0	-	-	9	-	-	-
Dibenzofuran	EPA:625	ug/L	14	0	0	*10*	*10.7214*	*12.5*	14	100	-	-	0	0	0	0	-	-	9	-	-	-
Dibenzofuran	SW-846:8270C	ug/L	39	0	0	*10*	*11.8231*	*40*	39	100	-	-	0	0	0	0	-	-	9	-	-	-
Dichlorobenzene[1,2-]	EPA:625	ug/L	14	0	0	*10*	*10.7214*	*12.5*	14	100	-	-	0	0	0	0	-	-	9	-	-	-
Dichlorobenzene[1,2-]	SW-846:8270C	ug/L	39	0	0	*10*	*11.8231*	*40*	39	100	-	-	0	0	0	0	-	-	9	-	-	-
Dichlorobenzene[1,3-]	EPA:625	ug/L	14	0	0	*10*	*10.7214*	*12.5*	14	100	-	-	0	0	0	0	-	-	9	-	-	-
Dichlorobenzene[1,3-]	SW-846:8270C	ug/L	39	0	0	*10*	*11.8231*	*40*	39	100	-	-	0	0	0	0	-	-	9	-	-	-
Dichlorobenzene[1,4-]	EPA:625	ug/L	14	0	0	*10*	*10.7214*	*12.5*	14	100	-	-	0	0	0	0	-	-	9	-	-	-
Dichlorobenzene[1,4-]	SW-846:8270C	ug/L	39	0	0	*10*	*11.8231*	*40*	39	100	-	-	0	0	0	0	-	-	9	-	-	-
Dichlorobenzidine[3,3'-]	EPA:625	ug/L	14	0	0	*10*	*10.7214*	*12.5*	14	100	-	-	0	0	0	0	-	-	9	-	-	-
Dichlorobenzidine[3,3'-]	SW-846:8270C	ug/L	34	0	0	*10*	*11.1176*	*20.4*	34	100	-	-	0	0	0	0	-	-	9	-	-	-
Dichlorophenol[2,4-]	EPA:625	ug/L	14	0	0	*10*	*10.7214*	*12.5*	14	100	-	-	0	0	0	0	-	-	9	-	-	-
Dichlorophenol[2,4-]	SW-846:8270C	ug/L	33	0	0	*10*	*12.0636*	*40*	33	100	-	-	0	0	0	0	-	-	9	-	-	-
Diethylphthalate	EPA:625	ug/L	14	0	0	*10*	*10.7214*	*12.5*	14	100	-	-	0	0	0	0	-	-	9	-	-	-
Diethylphthalate	SW-846:8270C	ug/L	39	0	0	*10*	*11.8231*	*40*	39	100	-	-	0	0	0	0	-	-	9	-	-	-
Dimethyl Phthalate	EPA:625	ug/L	14	0	0	*10*	*10.7214*	*12.5*	14	100	-	-	0	0	0	0	-	-	9	-	-	-
Dimethyl Phthalate	SW-846:8270C	ug/L	39	0	0	*10*	*11.8231*	*40*	39	100	-	-	0	0	0	0	-	-	9	-	-	-
Dimethylphenol[2,4-]	EPA:625	ug/L	14	0	0	*10*	*10.7214*	*12.5*	14	100	-	-	0	0	0	0	-	-	9	-	-	-
Dimethylphenol[2,4-]	SW-846:8270C	ug/L	32	0	0	*10*	*12.1125*	*40*	32	100	-	-	0	0	0	0	-	-	9	-	-	-
Di-n-butylphthalate	EPA:625	ug/L	14	0	0	*10*	*10.7214*	*12.5*	14	100	-	-	0	0	0	0	-	-	9	-	-	-
Di-n-butylphthalate	SW-846:8270C	ug/L	36	0	0	*10*	*11.95*	*40*	36	100	-	-	0	0	0	0	-	-	9	-	-	-
Dinitro-2-methylphenol[4,6-]	EPA:625	ug/L	14	0	0	*10*	*10.7214*	*12.5*	14	100	-	-	0	0	0	0	-	-	9	-	-	-
Dinitro-2-methylphenol[4,6-]	SW-846:8270C	ug/L	35	0	0	*10*	*11.9571*	*40*	35	100	-	-	0	0	0	0	-	-	9	-	-	-
Dinitrophenol[2,4-]	EPA:625	ug/L	14	0	0	*20*	*21.45*	*25*	14	100	-	-	0	0	0	0	-	-	9	-	-	-
Dinitrophenol[2,4-]	SW-846:8270C	ug/L	33	0	0	*20*	*24.1303*	*80*	33	100	-	-	0	0	0	0	-	-	9	-	-	-
Dinitrotoluene[2,4-]	EPA:625	ug/L	14	0	0	*10*	*10.7214*	*12.5*	14	100	-	-	0	0	0	0	-	-	9	-	-	-
Dinitrotoluene[2,4-]	SW-846:8270C	ug/L	39	0	0	*10*	*11.8231*	*40*	39	100	-	-	0	0	0	0	-	-	9	-	-	-
Dinitrotoluene[2,6-]	EPA:625	ug/L	14	0	0	*10*	*10.7214*	*12.5*	14	100	-	-	0	0	0	0	-	-	9	-	-	-
Dinitrotoluene[2,6-]	SW-846:8270C	ug/L	39	0	0	*10*	*11.8231*	*40*	39	100	-	-	0	0	0	0	-	-	9	-	-	-
Di-n-octylphthalate	EPA:625	ug/L	14	0	0	*10*	*10.7214*	*12.5*	14	100	-	-	0	0	0	0	-	-	9	-	-	-
Di-n-octylphthalate	SW-846:8270C	ug/L	39	0	0	*10*	*11.8231*	*40*	39	100	-	-	0	0	0	0	-	-	9	-	-	-
Dinoseb	SW-846:8270C	ug/L	35	0	0	*10*	*11.9571*	*40*	35	100	-	-	0	0	0	0	-	-	9	-	-	-
Dioxane[1,4-]	SW-846:8270C	ug/L	31	2	6	2.61	6.455	10.3	29	94	-	-	0	0	0	0	-	-	9	-	-	-
Diphenylamine	EPA:625	ug/L	14	0	0	*10*	*10.7214*	*12.5*	14	100	-	-	0	0	0	0	-	-	9	-	-	-
Diphenylamine	SW-846:8270C	ug/L	39	0	0	*10*	*11.8231*	*40*	39	100	-	-	0	0	0	0	-	-	9	-	-	-
Diphenylhydrazine[1,2-]	EPA:625	ug/L	2	0	0	*10*	*10*	*10*	2	100	-	-	0	0	0	0	-	-	1	-	-	-
Fluoranthene	EPA:625	ug/L	14	0	0	*1*	*1.06429*	*1.2*	14	100	-	-	0	0	0	0	-	-	9	-	-	-
Fluoranthene	SW-846:8270C	ug/L	36	1	3	0.641	0.641	0.641	35	97	-	-	0	0	0	0	-	-	9	-	-	-

Table B-3
Screening Table for Mortandad Canyon Watershed

Analyte	Method	Units	No. of Analyses	No. of Detects	D Rate %	Min	Mean	Max	No. of Non-detects	ND Rate %	BV	D> BV	ND> Std	D> Std	D> Std/2	D>Std/2 Rate %	Level	Std Type	Locations with Data (number)	D>Std (number of locations)	D>Std/2 (number of locations)	D>Std Stations
Fluorene	EPA:625	ug/L	14	0	0	*1*	*1.06429*	*1.2*	14	100	-	-	0	0	0	0	-	-	9	-	-	-
Fluorene	SW-846:8270C	ug/L	36	1	3	0.474	0.474	0.474	35	97	-	-	0	0	0	0	-	-	9	-	-	-
Hexachlorobenzene	EPA:625	ug/L	14	0	0	*10*	*10.7214*	*12.5*	14	100	-	-	14	0	0	0	0.0029	HHEU	9	-	-	-
Hexachlorobenzene	SW-846:8270C	ug/L	39	0	0	*10*	*11.8231*	*40*	39	100	-	-	39	0	0	0	0.0029	HHEU	9	-	-	-
Hexachlorobutadiene	EPA:625	ug/L	14	0	0	*10*	*10.7214*	*12.5*	14	100	-	-	0	0	0	0	-	-	9	-	-	-
Hexachlorobutadiene	SW-846:8270C	ug/L	39	0	0	*10*	*11.8231*	*40*	39	100	-	-	0	0	0	0	-	-	9	-	-	-
Hexachlorocyclopentadiene	EPA:625	ug/L	14	0	0	*10*	*10.7214*	*12.5*	14	100	-	-	0	0	0	0	-	-	9	-	-	-
Hexachlorocyclopentadiene	SW-846:8270C	ug/L	39	0	0	*10*	*11.8231*	*40*	39	100	-	-	0	0	0	0	-	-	9	-	-	-
Hexachloroethane	EPA:625	ug/L	14	0	0	*10*	*10.7214*	*12.5*	14	100	-	-	0	0	0	0	-	-	9	-	-	-
Hexachloroethane	SW-846:8270C	ug/L	39	0	0	*10*	*11.8231*	*40*	39	100	-	-	0	0	0	0	-	-	9	-	-	-
Indeno(1,2,3-cd)pyrene	EPA:625	ug/L	14	0	0	*1*	*1.06429*	*1.2*	14	100	-	-	0	0	0	0	-	-	9	-	-	-
Indeno(1,2,3-cd)pyrene	SW-846:8270C	ug/L	39	1	3	0.472	0.472	0.472	38	97	-	-	0	0	0	0	-	-	9	-	-	-
Isophorone	EPA:625	ug/L	14	0	0	*10*	*10.7214*	*12.5*	14	100	-	-	0	0	0	0	-	-	9	-	-	-
Isophorone	SW-846:8270C	ug/L	39	0	0	*10*	*11.8231*	*40*	39	100	-	-	0	0	0	0	-	-	9	-	-	-
Methylnaphthalene[1-]	SW-846:8270C	ug/L	32	1	3	0.561	0.561	0.561	31	97	-	-	0	0	0	0	-	-	9	-	-	-
Methylnaphthalene[2-]	EPA:625	ug/L	14	0	0	*1*	*1.06429*	*1.2*	14	100	-	-	0	0	0	0	-	-	9	-	-	-
Methylnaphthalene[2-]	SW-846:8270C	ug/L	31	1	3	0.556	0.556	0.556	30	97	-	-	0	0	0	0	-	-	9	-	-	-
Methylphenol[2-]	EPA:625	ug/L	14	0	0	*10*	*10.7214*	*12.5*	14	100	-	-	0	0	0	0	-	-	9	-	-	-
Methylphenol[2-]	SW-846:8270C	ug/L	35	0	0	*10*	*11.9571*	*40*	35	100	-	-	0	0	0	0	-	-	9	-	-	-
Methylphenol[3-,4-]	EPA:625	ug/L	3	0	0	*10.6*	*11.1*	*11.6*	3	100	-	-	0	0	0	0	-	-	3	-	-	-
Methylphenol[3-,4-]	SW-846:8270C	ug/L	31	0	0	*10*	*12.1129*	*40*	31	100	-	-	0	0	0	0	-	-	9	-	-	-
Methylphenol[4-]	EPA:625	ug/L	11	0	0	*10*	*10.6182*	*12.5*	11	100	-	-	0	0	0	0	-	-	7	-	-	-
Methylphenol[4-]	SW-846:8270C	ug/L	4	0	0	*10.2*	*10.75*	*11.4*	4	100	-	-	0	0	0	0	-	-	3	-	-	-
Methylpyridine[2-]	EPA:625	ug/L	14	0	0	*10*	*10.7214*	*12.5*	14	100	-	-	0	0	0	0	-	-	9	-	-	-
Naphthalene	EPA:625	ug/L	14	0	0	*1*	*1.06429*	*1.2*	14	100	-	-	0	0	0	0	-	-	9	-	-	-
Naphthalene	SW-846:8270C	ug/L	34	1	3	0.49	0.49	0.49	33	97	-	-	0	0	0	0	-	-	9	-	-	-
Nitroaniline[2-]	EPA:625	ug/L	14	0	0	*10*	*10.7214*	*12.5*	14	100	-	-	0	0	0	0	-	-	9	-	-	-
Nitroaniline[2-]	SW-846:8270C	ug/L	39	0	0	*10*	*11.8231*	*40*	39	100	-	-	0	0	0	0	-	-	9	-	-	-
Nitroaniline[3-]	EPA:625	ug/L	14	0	0	*10*	*10.7214*	*12.5*	14	100	-	-	0	0	0	0	-	-	9	-	-	-
Nitroaniline[3-]	SW-846:8270C	ug/L	39	1	3	10.3	10.3	10.3	38	97	-	-	0	0	0	0	-	-	9	-	-	-
Nitroaniline[4-]	EPA:625	ug/L	14	0	0	*10*	*10.7214*	*12.5*	14	100	-	-	0	0	0	0	-	-	9	-	-	-
Nitroaniline[4-]	SW-846:8270C	ug/L	39	1	3	10.3	10.3	10.3	38	97	-	-	0	0	0	0	-	-	9	-	-	-
Nitrobenzene	EPA:625	ug/L	14	0	0	*10*	*10.7214*	*12.5*	14	100	-	-	0	0	0	0	-	-	9	-	-	-
Nitrobenzene	SW-846:8270C	ug/L	39	0	0	*10*	*11.8231*	*40*	39	100	-	-	0	0	0	0	-	-	9	-	-	-
Nitrophenol[2-]	EPA:625	ug/L	14	0	0	*10*	*10.7214*	*12.5*	14	100	-	-	0	0	0	0	-	-	9	-	-	-
Nitrophenol[2-]	SW-846:8270C	ug/L	31	0	0	*10*	*12.1452*	*40*	31	100	-	-	0	0	0	0	-	-	9	-	-	-
Nitrophenol[4-]	EPA:625	ug/L	14	0	0	*10*	*10.7214*	*12.5*	14	100	-	-	0	0	0	0	-	-	9	-	-	-
Nitrophenol[4-]	SW-846:8270C	ug/L	35	0	0	*10*	*11.9571*	*40*	35	100	-	-	0	0	0	0	-	-	9	-	-	-
Nitrosodiethylamine[N-]	SW-846:8270C	ug/L	39	1	3	10.3	10.3	10.3	38	97	-	-	0	0	0	0	-	-	9	-	-	-
Nitrosodimethylamine[N-]	EPA:625	ug/L	14	0	0	*10*	*10.7214*	*12.5*	14	100	-	-	0	0	0	0	-	-	9	-	-	-
Nitrosodimethylamine[N-]	SW-846:8270C	ug/L	39	1	3	10.3	10.3	10.3	38	97	-	-	0	0	0	0	-	-	9	-	-	-
Nitroso-di-n-butylamine[N-]	SW-846:8270C	ug/L	36	1	3	10.3	10.3	10.3	35	97	-	-	0	0	0	0	-	-	9	-	-	-
Nitroso-di-n-propylamine[N-]	EPA:625	ug/L	14	0	0	*10*	*10.7214*	*12.5*	14	100	-	-	0	0	0	0	-	-	9	-	-	-
Nitroso-di-n-propylamine[N-]	SW-846:8270C	ug/L	39	0	0	*10*	*11.8231*	*40*	39	100	-	-	0	0	0	0	-	-	9	-	-	-
Nitrosopyrrolidine[N-]	SW-846:8270C	ug/L	39	1	3	10.3	10.3	10.3	38	97	-	-	0	0	0	0	-	-	9	-	-	-
Oxybis(1-chloropropane)[2,2'-]	EPA:625	ug/L	14	0	0	*10*	*10.7214*	*12.5*	14	100	-	-	0	0	0	0	-	-	9	-	-	-
Oxybis(1-chloropropane)[2,2'-]	SW-846:8270C	ug/L	39	0	0	*10*	*11.8231*	*40*	39	100	-	-	0	0	0	0	-	-	9	-	-	-
Pentachlorobenzene	SW-846:8270C	ug/L	36	1	3	10.3	10.3	10.3	35	97	-	-	0	0	0	0	-	-	9	-	-	-
Pentachlorophenol	EPA:625	ug/L	14	0	0	*10*	*10.7214*	*12.5*	14	100	-	-	0	0	0	0	19	AqAcU	9	-	-	-
Pentachlorophenol	SW-846:8270C	ug/L	35	0	0	*10*	*11.9571*	*40*	35	100	-	-	3	0	0	0	19	AqAcU	9	-	-	-
Phenanthrene	EPA:625	ug/L	14	0	0	*1*	*1.06429*	*1.2*	14	100	-	-	0	0	0	0	-	-	9	-	-	-
Phenanthrene	SW-846:8270C	ug/L	36	1	3	0.596	0.596	0.596	35	97	-	-	0	0	0	0	-	-	9	-	-	-
Phenol	EPA:625	ug/L	14	0	0	*10*	*10.7214*	*12.5*	14	100	-	-	0	0	0	0	-	-	9	-	-	-
Phenol	SW-846:8270C	ug/L	35	0	0	*10*	*11.9571*	*40*	35	100	-	-	0	0	0	0	-	-	9	-	-	-
Pyrene	EPA:625	ug/L	14	2	14	0.85	0.87	0.89	12	86	-	-	0	0	0	0	-	-	9	-	-	-
Pyrene	SW-846:8270C	ug/L	38	1	3	0.618	0.618	0.618	37	97	-	-	0	0	0	0	-	-	9	-	-	-
Pyridine	EPA:625	ug/L	14	0	0	*10*	*10.7214*	*12.5*	14	100	-	-	0	0	0	0	-	-	9	-	-	-
Pyridine	SW-846:8270C	ug/L	3	0	0	*10.9*	*21.0333*	*40*	3	100	-	-	0	0	0	0	-	-	2	-	-	-

Table B-3
Screening Table for Mortandad Canyon Watershed

Analyte	Method	Units	No. of Analyses	No. of Detects	D Rate %	Min	Mean	Max	No. of Non-detects	ND Rate %	BV	D> BV	ND> Std	D> Std	D> Std/2	D>Std/2 Rate %	Level	Std Type	Locations with Data (number)	D>Std (number of locations)	D>Std/2 (number of locations)	D>Std Stations
Tetrachlorobenzene[1,2,4,5]	SW-846:8270C	ug/L	39	1	3	10.3	10.3	10.3	38	97	-	-	0	0	0	0	-	-	9	-	-	-
Tetrachlorophenol[2,3,4,6-]	SW-846:8270C	ug/L	35	0	0	10	11.9571	40	35	100	-	-	0	0	0	0	-	-	9	-	-	-
Trichlorobenzene[1,2,4-]	EPA:625	ug/L	14	0	0	10	10.7214	12.5	14	100	-	-	0	0	0	0	-	-	9	-	-	-
Trichlorobenzene[1,2,4-]	SW-846:8270C	ug/L	39	0	0	10	11.8231	40	39	100	-	-	0	0	0	0	-	-	9	-	-	-
Trichlorophenol[2,4,5-]	EPA:625	ug/L	14	0	0	10	10.7214	12.5	14	100	-	-	0	0	0	0	-	-	9	-	-	-
Trichlorophenol[2,4,5-]	SW-846:8270C	ug/L	33	0	0	10	12.0636	40	33	100	-	-	0	0	0	0	-	-	9	-	-	-
Trichlorophenol[2,4,6-]	EPA:625	ug/L	14	0	0	10	10.7214	12.5	14	100	-	-	0	0	0	0	-	-	9	-	-	-
Trichlorophenol[2,4,6-]	SW-846:8270C	ug/L	29	0	0	10	12.2448	40	29	100	-	-	0	0	0	0	-	-	9	-	-	-
Mortandad, SVOA, UF, Springs																						
Acenaphthene	SW-846:8270C	ug/L	3	0	0	1.05	1.1	1.14	3	100	-	-	0	0	0	0	365	Reg6	1	-	-	-
Acenaphthylene	SW-846:8270C	ug/L	3	0	0	1.05	1.1	1.14	3	100	-	-	0	0	0	0	-	-	1	-	-	-
Aniline	SW-846:8270C	ug/L	3	0	0	10.5	11	11.4	3	100	-	-	0	0	0	0	117.9501	Reg6	1	-	-	-
Anthracene	SW-846:8270C	ug/L	3	0	0	1.05	1.1	1.14	3	100	-	-	0	0	0	0	1825	Reg6	1	-	-	-
Atrazine	SW-846:8270C	ug/L	3	0	0	10.5	11	11.4	3	100	-	-	3	0	0	0	3	MCL	1	-	-	-
Azobenzene	SW-846:8270C	ug/L	3	0	0	10.5	11	11.4	3	100	-	-	3	0	0	0	6.111958	Reg6	1	-	-	-
Benzidine	SW-846:8270C	ug/L	3	0	0	10.5	26.1333	56.8	3	100	-	-	3	0	0	0	0.000936258	Reg6	1	-	-	-
Benzo(a)anthracene	SW-846:8270C	ug/L	3	0	0	1.05	1.1	1.14	3	100	-	-	3	0	0	0	0.2949853	Reg6	1	-	-	-
Benzo(a)pyrene	SW-846:8270C	ug/L	3	0	0	1.05	1.1	1.14	3	100	-	-	3	0	0	0	0.2	MCL	1	-	-	-
Benzo(b)fluoranthene	SW-846:8270C	ug/L	3	0	0	1.05	1.1	1.14	3	100	-	-	3	0	0	0	0.2949853	Reg6	1	-	-	-
Benzo(g,h,i)perylene	SW-846:8270C	ug/L	3	0	0	1.05	1.1	1.14	3	100	-	-	0	0	0	0	-	-	1	-	-	-
Benzo(k)fluoranthene	SW-846:8270C	ug/L	3	0	0	1.05	1.1	1.14	3	100	-	-	0	0	0	0	2.949853	Reg6	1	-	-	-
Benzoic Acid	SW-846:8270C	ug/L	2	0	0	21.1	21.65	22.2	2	100	-	-	0	0	0	0	146000	Reg6	1	-	-	-
Benzyl Alcohol	SW-846:8270C	ug/L	3	0	0	10.5	11	11.4	3	100	-	-	0	0	0	0	10950	Reg6	1	-	-	-
Bis(2-chloroethoxy)methane	SW-846:8270C	ug/L	3	0	0	10.5	11	11.4	3	100	-	-	0	0	0	0	-	-	1	-	-	-
Bis(2-chloroethyl)ether	SW-846:8270C	ug/L	3	0	0	10.5	11	11.4	3	100	-	-	3	0	0	0	0.602164	Reg6	1	-	-	-
Bis(2-ethylhexyl)phthalate	SW-846:8270C	ug/L	3	0	0	10.5	11	11.4	3	100	-	-	3	0	0	0	6	MCL	1	-	-	-
Bromophenyl-phenylether[4-]	SW-846:8270C	ug/L	3	0	0	10.5	11	11.4	3	100	-	-	0	0	0	0	-	-	1	-	-	-
Butylbenzylphthalate	SW-846:8270C	ug/L	3	0	0	10.5	11	11.4	3	100	-	-	0	0	0	0	7300	Reg6	1	-	-	-
Chloro-3-methylphenol[4-]	SW-846:8270C	ug/L	3	0	0	10.5	11	11.4	3	100	-	-	0	0	0	0	-	-	1	-	-	-
Chloroaniline[4-]	SW-846:8270C	ug/L	3	0	0	10.5	11	11.4	3	100	-	-	0	0	0	0	146	Reg6	1	-	-	-
Chloronaphthalene[2-]	SW-846:8270C	ug/L	3	0	0	1.05	1.1	1.14	3	100	-	-	0	0	0	0	486.6667	Reg6	1	-	-	-
Chlorophenol[2-]	SW-846:8270C	ug/L	3	0	0	10.5	11	11.4	3	100	-	-	0	0	0	0	30.41667	Reg6	1	-	-	-
Chlorophenyl-phenyl[4-] Ether	SW-846:8270C	ug/L	3	0	0	10.5	11	11.4	3	100	-	-	0	0	0	0	-	-	1	-	-	-
Chrysene	SW-846:8270C	ug/L	3	0	0	1.05	1.1	1.14	3	100	-	-	3	0	0	0	0.2	MCL	1	-	-	-
Dibenz(a,h)anthracene	SW-846:8270C	ug/L	3	0	0	1.05	1.1	1.14	3	100	-	-	3	0	0	0	0.02949853	Reg6	1	-	-	-
Dibenzofuran	SW-846:8270C	ug/L	3	0	0	10.5	11	11.4	3	100	-	-	0	0	0	0	12.16667	Reg6	1	-	-	-
Dichlorobenzene[1,2-]	SW-846:8270C	ug/L	3	0	0	10.5	11	11.4	3	100	-	-	0	0	0	0	600	MCL	1	-	-	-
Dichlorobenzene[1,3-]	SW-846:8270C	ug/L	3	0	0	10.5	11	11.4	3	100	-	-	0	0	0	0	600	MCL	1	-	-	-
Dichlorobenzene[1,4-]	SW-846:8270C	ug/L	3	0	0	10.5	11	11.4	3	100	-	-	0	0	0	0	75	MCL	1	-	-	-
Dichlorobenzidine[3,3'-]	SW-846:8270C	ug/L	3	0	0	10.5	11	11.4	3	100	-	-	3	0	0	0	1.494034	Reg6	1	-	-	-
Dichlorophenol[2,4-]	SW-846:8270C	ug/L	3	0	0	10.5	11	11.4	3	100	-	-	0	0	0	0	109.5	Reg6	1	-	-	-
Diethylphthalate	SW-846:8270C	ug/L	3	0	0	10.5	11	11.4	3	100	-	-	0	0	0	0	29200	Reg6	1	-	-	-
Dimethyl Phthalate	SW-846:8270C	ug/L	3	0	0	10.5	11	11.4	3	100	-	-	0	0	0	0	365000	Reg6	1	-	-	-
Dimethylphenol[2,4-]	SW-846:8270C	ug/L	3	0	0	10.5	11	11.4	3	100	-	-	0	0	0	0	730	Reg6	1	-	-	-
Di-n-butylphthalate	SW-846:8270C	ug/L	3	0	0	10.5	11	11.4	3	100	-	-	0	0	0	0	3650	Reg6	1	-	-	-
Dinitro-2-methylphenol[4,6-]	SW-846:8270C	ug/L	3	0	0	10.5	11	11.4	3	100	-	-	0	0	0	0	-	-	1	-	-	-
Dinitrophenol[2,4-]	SW-846:8270C	ug/L	3	0	0	21.1	22	22.7	3	100	-	-	0	0	0	0	73	Reg6	1	-	-	-
Dinitrotoluene[2,4-]	SW-846:8270C	ug/L	3	0	0	10.5	11	11.4	3	100	-	-	0	0	0	0	73	Reg6	1	-	-	-
Dinitrotoluene[2,6-]	SW-846:8270C	ug/L	3	0	0	10.5	11	11.4	3	100	-	-	0	0	0	0	36.5	Reg6	1	-	-	-
Di-n-octylphthalate	SW-846:8270C	ug/L	3	0	0	10.5	11	11.4	3	100	-	-	0	0	0	0	-	-	1	-	-	-
Dinoseb	SW-846:8270C	ug/L	3	0	0	10.5	11	11.4	3	100	-	-	0	0	0	0	-	-	1	-	-	-
Dioxane[1,4-]	SW-846:8270C	ug/L	3	0	0	10.5	11	11.4	3	100	-	-	0	0	0	0	61.11958	Reg6	1	-	-	-
Diphenylamine	SW-846:8270C	ug/L	3	0	0	10.5	11	11.4	3	100	-	-	0	0	0	0	912.5	Reg6	1	-	-	-
Fluoranthene	SW-846:8270C	ug/L	3	0	0	1.05	1.1	1.14	3	100	-	-	0	0	0	0	1460	Reg6	1	-	-	-
Fluorene	SW-846:8270C	ug/L	3	0	0	1.05	1.1	1.14	3	100	-	-	0	0	0	0	243.3333	Reg6	1	-	-	-
Hexachlorobenzene	SW-846:8270C	ug/L	3	0	0	10.5	11	11.4	3	100	-	-	3	0	0	0	1	MCL	1	-	-	-
Hexachlorobutadiene	SW-846:8270C	ug/L	3	0	0	10.5	11	11.4	3	100	-	-	3	0	0	0	8.619427	Reg6	1	-	-	-
Hexachlorocyclopentadiene	SW-846:8270C	ug/L	3	0	0	10.5	11	11.4	3	100	-	-	0	0	0	0	50	MCL	1	-	-	-

Table B-3
Screening Table for Mortandad Canyon Watershed

Analyte	Method	Units	No. of Analyses	No. of Detects	D Rate %	Min	Mean	Max	No. of Non-detects	ND Rate %	BV	D> BV	ND> Std	D> Std	D> Std/2	D>Std/2 Rate %	Level	Std Type	Locations with Data (number)	D>Std (number of locations)	D>Std/2 (number of locations)	D>Std Stations
Hexachloroethane	SW-846:8270C	ug/L	3	0	0	10.5	11	11.4	3	100	-	-	0	0	0	0	48.02252	Reg6	1	-	-	-
Indeno(1,2,3-cd)pyrene	SW-846:8270C	ug/L	3	0	0	1.05	1.1	1.14	3	100	-	-	3	0	0	0	0.2949853	Reg6	1	-	-	-
Isophorone	SW-846:8270C	ug/L	3	0	0	10.5	11	11.4	3	100	-	-	0	0	0	0	707.7004	Reg6	1	-	-	-
Methylnaphthalene[1-]	SW-846:8270C	ug/L	3	0	0	1.05	1.1	1.14	3	100	-	-	0	0	0	0	-	-	1	-	-	-
Methylnaphthalene[2-]	SW-846:8270C	ug/L	3	0	0	1.05	1.1	1.14	3	100	-	-	0	0	0	0	-	-	1	-	-	-
Methylphenol[2-]	SW-846:8270C	ug/L	3	0	0	10.5	11	11.4	3	100	-	-	0	0	0	0	1825	Reg6	1	-	-	-
Methylphenol[3-,4-]	SW-846:8270C	ug/L	3	0	0	10.5	11	11.4	3	100	-	-	0	0	0	0	-	-	1	-	-	-
Naphthalene	SW-846:8270C	ug/L	3	0	0	1.05	1.1	1.14	3	100	-	-	0	0	0	0	30	NMGSU	1	-	-	-
Nitroaniline[2-]	SW-846:8270C	ug/L	3	0	0	10.5	11	11.4	3	100	-	-	0	0	0	0	109.5	Reg6	1	-	-	-
Nitroaniline[3-]	SW-846:8270C	ug/L	3	0	0	10.5	11	11.4	3	100	-	-	0	0	0	0	-	-	1	-	-	-
Nitroaniline[4-]	SW-846:8270C	ug/L	3	0	0	10.5	11	11.4	3	100	-	-	0	0	0	0	-	-	1	-	-	-
Nitrobenzene	SW-846:8270C	ug/L	3	0	0	10.5	11	11.4	3	100	-	-	3	0	0	0	3.395349	Reg6	1	-	-	-
Nitrophenol[2-]	SW-846:8270C	ug/L	3	0	0	10.5	11	11.4	3	100	-	-	0	0	0	0	-	-	1	-	-	-
Nitrophenol[4-]	SW-846:8270C	ug/L	3	0	0	10.5	11	11.4	3	100	-	-	0	0	0	0	292	Reg6	1	-	-	-
Nitrosodiethylamine[N-]	SW-846:8270C	ug/L	3	0	0	10.5	11	11.4	3	100	-	-	3	0	0	0	0.001435595	Reg6	1	-	-	-
Nitrosodimethylamine[N-]	SW-846:8270C	ug/L	3	0	0	10.5	11	11.4	3	100	-	-	3	0	0	0	0.004222338	Reg6	1	-	-	-
Nitroso-di-n-butylamine[N-]	SW-846:8270C	ug/L	3	0	0	10.5	11	11.4	3	100	-	-	3	0	0	0	0.1226854	Reg6	1	-	-	-
Nitroso-di-n-propylamine[N-]	SW-846:8270C	ug/L	3	0	0	10.5	11	11.4	3	100	-	-	3	0	0	0	0.09604505	Reg6	1	-	-	-
Nitrosopyrrolidine[N-]	SW-846:8270C	ug/L	3	0	0	10.5	11	11.4	3	100	-	-	3	0	0	0	0.3201502	Reg6	1	-	-	-
Oxybis(1-chloropropane)[2,2'-]	SW-846:8270C	ug/L	2	0	0	10.5	10.95	11.4	2	100	-	-	2	0	0	0	9.536393	Reg6	1	-	-	-
Pentachlorobenzene	SW-846:8270C	ug/L	3	0	0	10.5	11	11.4	3	100	-	-	0	0	0	0	29.2	Reg6	1	-	-	-
Pentachlorophenol	SW-846:8270C	ug/L	3	0	0	10.5	11	11.4	3	100	-	-	3	0	0	0	1	MCL	1	-	-	-
Phenanthrene	SW-846:8270C	ug/L	3	0	0	1.05	1.1	1.14	3	100	-	-	0	0	0	0	-	-	1	-	-	-
Phenol	SW-846:8270C	ug/L	3	0	0	10.5	11	11.4	3	100	-	-	3	0	0	0	5	NMGSU	1	-	-	-
Pyrene	SW-846:8270C	ug/L	3	0	0	1.05	1.1	1.14	3	100	-	-	0	0	0	0	182.5	Reg6	1	-	-	-
Pyridine	SW-846:8270C	ug/L	1	0	0	10.5	10.5	10.5	1	100	-	-	0	0	0	0	36.5	Reg6	1	-	-	-
Tetrachlorobenzene[1,2,4,5]	SW-846:8270C	ug/L	3	0	0	10.5	11	11.4	3	100	-	-	3	0	0	0	0.00003	MCL	1	-	-	-
Tetrachlorophenol[2,3,4,6-]	SW-846:8270C	ug/L	3	0	0	10.5	11	11.4	3	100	-	-	3	0	0	0	5	MCL	1	-	-	-
Trichlorobenzene[1,2,4-]	SW-846:8270C	ug/L	3	0	0	10.5	11	11.4	3	100	-	-	0	0	0	0	70	MCL	1	-	-	-
Trichlorophenol[2,4,5-]	SW-846:8270C	ug/L	3	0	0	10.5	11	11.4	3	100	-	-	0	0	0	0	3650	Reg6	1	-	-	-
Trichlorophenol[2,4,6-]	SW-846:8270C	ug/L	3	0	0	10.5	11	11.4	3	100	-	-	0	0	0	0	61.11958	Reg6	1	-	-	-
Mortandad, SVOA, F, Alluvial																						
Chloro-3-methylphenol[4-]	SW-846:8270C	ug/L	1	0	0	10.4	10.4	10.4	1	100	-	-	0	0	0	0	-	-	1	-	-	-
Chlorophenol[2-]	SW-846:8270C	ug/L	1	0	0	10.4	10.4	10.4	1	100	-	-	0	0	0	0	30.41667	Reg6	1	-	-	-
Dichlorophenol[2,4-]	SW-846:8270C	ug/L	1	0	0	10.4	10.4	10.4	1	100	-	-	0	0	0	0	109.5	Reg6	1	-	-	-
Dimethylphenol[2,4-]	SW-846:8270C	ug/L	1	0	0	10.4	10.4	10.4	1	100	-	-	0	0	0	0	730	Reg6	1	-	-	-
Dinitro-2-methylphenol[4,6-]	SW-846:8270C	ug/L	1	0	0	10.4	10.4	10.4	1	100	-	-	0	0	0	0	-	-	1	-	-	-
Dinitrophenol[2,4-]	SW-846:8270C	ug/L	1	0	0	20.8	20.8	20.8	1	100	-	-	0	0	0	0	73	Reg6	1	-	-	-
Methylphenol[2-]	SW-846:8270C	ug/L	1	0	0	10.4	10.4	10.4	1	100	-	-	0	0	0	0	1825	Reg6	1	-	-	-
Methylphenol[4-]	SW-846:8270C	ug/L	1	0	0	10.4	10.4	10.4	1	100	-	-	0	0	0	0	182.5	Reg6	1	-	-	-
Nitrophenol[2-]	SW-846:8270C	ug/L	1	0	0	10.4	10.4	10.4	1	100	-	-	0	0	0	0	-	-	1	-	-	-
Nitrophenol[4-]	SW-846:8270C	ug/L	1	0	0	10.4	10.4	10.4	1	100	-	-	0	0	0	0	292	Reg6	1	-	-	-
Pentachlorophenol	SW-846:8270C	ug/L	1	0	0	10.4	10.4	10.4	1	100	-	-	1	0	0	0	1	MCL	1	-	-	-
Phenol	SW-846:8270C	ug/L	1	0	0	10.4	10.4	10.4	1	100	-	-	0	0	0	0	10950	Reg6	1	-	-	-
Trichlorophenol[2,4,5-]	SW-846:8270C	ug/L	1	0	0	10.4	10.4	10.4	1	100	-	-	0	0	0	0	3650	Reg6	1	-	-	-
Trichlorophenol[2,4,6-]	SW-846:8270C	ug/L	1	0	0	10.4	10.4	10.4	1	100	-	-	0	0	0	0	61.11958	Reg6	1	-	-	-
Mortandad, SVOA, UF, Alluvial																						
Acenaphthene	SW-846:8270	ug/L	10	0	0	0.99	0.997	1	10	100	-	-	0	0	0	0	365	Reg6	6	-	-	-
Acenaphthene	SW-846:8270C	ug/L	75	2	3	0.533	0.6215	0.71	73	97	-	-	0	0	0	0	365	Reg6	14	-	-	-
Acenaphthylene	SW-846:8270	ug/L	10	0	0	0.99	0.997	1	10	100	-	-	0	0	0	0	-	-	6	-	-	-
Acenaphthylene	SW-846:8270C	ug/L	75	2	3	0.471	0.5355	0.6	73	97	-	-	0	0	0	0	-	-	14	-	-	-
Acetophenone	SW-846:8270C	ug/L	10	0	0	9.5	10.37	11.8	10	100	-	-	0	0	0	0	608.3333	Reg6	9	-	-	-
Aniline	SW-846:8270	ug/L	10	0	0	9.9	10.05	10.5	10	100	-	-	0	0	0	0	117.9501	Reg6	6	-	-	-
Aniline	SW-846:8270C	ug/L	63	0	0	6.73	10.7576	22.2	63	100	-	-	0	0	0	0	117.9501	Reg6	13	-	-	-
Anthracene	SW-846:8270	ug/L	10	0	0	0.99	0.997	1	10	100	-	-	0	0	0	0	1825	Reg6	6	-	-	-
Anthracene	SW-846:8270C	ug/L	74	2	3	0.622	0.631	0.64	72	97	-	-	0	0	0	0	1825	Reg6	14	-	-	-
Atrazine	SW-846:8270C	ug/L	59	0	0	6.73	10.8073	22.2	59	100	-	-	59	0	0	0	3	MCL	12	-	-	-
Azobenzene	SW-846:8270	ug/L	10	0	0	9.9	10.05	10.5	10	100	-	-	10	0	0	0	6.111958	Reg6	6	-	-	-

Table B-3
Screening Table for Mortandad Canyon Watershed

Analyte	Method	Units	No. of Analyses	No. of Detects	D Rate %	Min	Mean	Max	No. of Non-detects	ND Rate %	BV	D> BV	ND> Std	D> Std	D> Std/2	D>Std/2 Rate %	Level	Std Type	Locations with Data (number)	D>Std (number of locations)	D>Std/2 (number of locations)	D>Std Stations
Azobenzene	SW-846:8270C	ug/L	59	0	0	*6.73*	*10.8073*	*22.2*	59	100	-	-	59	0	0	0	6.111958	Reg6	12	-	-	-
Benzidine	SW-846:8270	ug/L	5	0	0	*49.5*	*49.8*	*50.5*	5	100	-	-	5	0	0	0	0.000936258	Reg6	4	-	-	-
Benzidine	SW-846:8270C	ug/L	58	0	0	*6.73*	*33.4747*	*111*	58	100	-	-	58	0	0	0	0.000936258	Reg6	13	-	-	-
Benzo(a)anthracene	SW-846:8270	ug/L	10	0	0	*0.99*	*0.997*	*1*	10	100	-	-	10	0	0	0	0.2949853	Reg6	6	-	-	-
Benzo(a)anthracene	SW-846:8270C	ug/L	74	1	1	0.74	0.74	0.74	73	99	-	-	73	1	1	1	0.2949853	Reg6	14	1	1	MCO-7.5
Benzo(a)pyrene	SW-846:8270	ug/L	10	0	0	*0.99*	*0.997*	*1*	10	100	-	-	10	0	0	0	0.2	MCL	6	-	-	-
Benzo(a)pyrene	SW-846:8270C	ug/L	73	1	1	0.825	0.825	0.825	72	99	-	-	72	1	1	1	0.2	MCL	14	1	1	MCO-7.5
Benzo(b)fluoranthene	SW-846:8270	ug/L	10	0	0	*0.99*	*0.997*	*1*	10	100	-	-	10	0	0	0	0.2949853	Reg6	6	-	-	-
Benzo(b)fluoranthene	SW-846:8270C	ug/L	76	3	4	0.215	0.432	0.641	73	96	-	-	73	2	3	4	0.2949853	Reg6	14	2	3	MCO-7.5
Benzo(g,h,i)perylene	SW-846:8270	ug/L	10	0	0	*0.99*	*0.997*	*1*	10	100	-	-	0	0	0	0	-	-	6	-	-	-
Benzo(g,h,i)perylene	SW-846:8270C	ug/L	73	1	1	0.603	0.603	0.603	72	99	-	-	0	0	0	0	-	-	14	-	-	-
Benzo(k)fluoranthene	SW-846:8270	ug/L	10	0	0	*0.99*	*0.997*	*1*	10	100	-	-	0	0	0	0	2.949853	Reg6	6	-	-	-
Benzo(k)fluoranthene	SW-846:8270C	ug/L	76	3	4	0.251	0.49767	0.66	73	96	-	-	0	0	0	0	2.949853	Reg6	14	-	-	-
Benzoic Acid	SW-846:8270	ug/L	10	0	0	*19.8*	*20.1*	*21*	10	100	-	-	0	0	0	0	146000	Reg6	6	-	-	-
Benzoic Acid	SW-846:8270C	ug/L	69	5	7	6.61	10.198	14.6	64	93	-	-	0	0	0	0	146000	Reg6	13	-	-	-
Benzyl Alcohol	SW-846:8270	ug/L	10	0	0	*9.9*	*10.05*	*10.5*	10	100	-	-	0	0	0	0	10950	Reg6	6	-	-	-
Benzyl Alcohol	SW-846:8270C	ug/L	72	0	0	*6.73*	*10.5435*	*20*	72	100	-	-	0	0	0	0	10950	Reg6	13	-	-	-
Bis(2-chloroethoxy)methane	SW-846:8270	ug/L	10	0	0	*9.9*	*10.05*	*10.5*	10	100	-	-	0	0	0	0	-	-	6	-	-	-
Bis(2-chloroethoxy)methane	SW-846:8270C	ug/L	72	0	0	*6.73*	*10.7143*	*22.2*	72	100	-	-	0	0	0	0	-	-	14	-	-	-
Bis(2-chloroethyl)ether	SW-846:8270	ug/L	10	0	0	*9.9*	*10.05*	*10.5*	10	100	-	-	10	0	0	0	0.602164	Reg6	6	-	-	-
Bis(2-chloroethyl)ether	SW-846:8270C	ug/L	76	0	0	*6.73*	*10.6925*	*22.2*	76	100	-	-	76	0	0	0	0.602164	Reg6	14	-	-	-
Bis(2-ethylhexyl)phthalate	SW-846:8270	ug/L	10	0	0	*9.9*	*10.05*	*10.5*	10	100	-	-	10	0	0	0	6	MCL	6	-	-	-
Bis(2-ethylhexyl)phthalate	SW-846:8270C	ug/L	76	8	11	0.25	2.2275	3.2	68	89	-	-	68	0	3	4	6	MCL	14	-	3	-
Bromophenyl-phenylether[4-]	SW-846:8270	ug/L	10	0	0	*9.9*	*10.05*	*10.5*	10	100	-	-	0	0	0	0	-	-	6	-	-	-
Bromophenyl-phenylether[4-]	SW-846:8270C	ug/L	76	0	0	*6.73*	*10.6925*	*22.2*	76	100	-	-	0	0	0	0	-	-	14	-	-	-
Butylbenzylphthalate	SW-846:8270	ug/L	10	0	0	*9.9*	*10.05*	*10.5*	10	100	-	-	0	0	0	0	7300	Reg6	6	-	-	-
Butylbenzylphthalate	SW-846:8270C	ug/L	76	0	0	*6.73*	*10.6925*	*22.2*	76	100	-	-	0	0	0	0	7300	Reg6	14	-	-	-
Carbazole	SW-846:8270C	ug/L	12	1	8	0.68	0.68	0.68	11	92	-	-	0	0	0	0	33.61577	Reg6	9	-	-	-
Chloro-3-methylphenol[4-]	SW-846:8270	ug/L	10	0	0	*9.9*	*10.05*	*10.5*	10	100	-	-	0	0	0	0	-	-	6	-	-	-
Chloro-3-methylphenol[4-]	SW-846:8270C	ug/L	72	0	0	*6.73*	*10.7296*	*22.2*	72	100	-	-	0	0	0	0	-	-	13	-	-	-
Chloroaniline[4-]	SW-846:8270	ug/L	10	0	0	*9.9*	*10.05*	*10.5*	10	100	-	-	0	0	0	0	146	Reg6	6	-	-	-
Chloroaniline[4-]	SW-846:8270C	ug/L	76	0	0	*6.73*	*10.6925*	*22.2*	76	100	-	-	0	0	0	0	146	Reg6	14	-	-	-
Chloronaphthalene[2-]	SW-846:8270	ug/L	10	0	0	*0.99*	*0.997*	*1*	10	100	-	-	0	0	0	0	486.6667	Reg6	6	-	-	-
Chloronaphthalene[2-]	SW-846:8270C	ug/L	74	2	3	0.427	0.5535	0.68	72	97	-	-	0	0	0	0	486.6667	Reg6	14	-	-	-
Chlorophenol[2-]	SW-846:8270	ug/L	10	0	0	*9.9*	*10.05*	*10.5*	10	100	-	-	0	0	0	0	30.41667	Reg6	6	-	-	-
Chlorophenol[2-]	SW-846:8270C	ug/L	71	0	0	*6.73*	*10.7342*	*22.2*	71	100	-	-	0	0	0	0	30.41667	Reg6	13	-	-	-
Chlorophenyl-phenyl[4-] Ether	SW-846:8270	ug/L	10	0	0	*9.9*	*10.05*	*10.5*	10	100	-	-	0	0	0	0	-	-	6	-	-	-
Chlorophenyl-phenyl[4-] Ether	SW-846:8270C	ug/L	76	0	0	*6.73*	*10.6925*	*22.2*	76	100	-	-	0	0	0	0	-	-	14	-	-	-
Chrysene	SW-846:8270	ug/L	10	0	0	*0.99*	*0.997*	*1*	10	100	-	-	10	0	0	0	0.2	MCL	6	-	-	-
Chrysene	SW-846:8270C	ug/L	74	3	4	0.312	0.64333	0.818	71	96	-	-	71	3	3	4	0.2	MCL	14	3	3	CDBO-6, MCO-7.5, MT-3
Dibenz(a,h)anthracene	SW-846:8270	ug/L	10	0	0	*0.99*	*0.997*	*1*	10	100	-	-	10	0	0	0	0.02949853	Reg6	6	-	-	-
Dibenz(a,h)anthracene	SW-846:8270C	ug/L	76	1	1	0.52	0.52	0.52	75	99	-	-	75	1	1	1	0.02949853	Reg6	14	1	1	MCO-7.5
Dibenzofuran	SW-846:8270	ug/L	10	0	0	*9.9*	*10.05*	*10.5*	10	100	-	-	0	0	0	0	12.16667	Reg6	6	-	-	-
Dibenzofuran	SW-846:8270C	ug/L	76	0	0	*6.73*	*10.6925*	*22.2*	76	100	-	-	3	0	0	0	12.16667	Reg6	14	-	-	-
Dichlorobenzene[1,2-]	SW-846:8270	ug/L	10	0	0	*9.9*	*10.05*	*10.5*	10	100	-	-	0	0	0	0	600	MCL	6	-	-	-
Dichlorobenzene[1,2-]	SW-846:8270C	ug/L	76	0	0	*6.73*	*10.6925*	*22.2*	76	100	-	-	0	0	0	0	600	MCL	14	-	-	-
Dichlorobenzene[1,3-]	SW-846:8270	ug/L	10	0	0	*9.9*	*10.05*	*10.5*	10	100	-	-	0	0	0	0	600	MCL	6	-	-	-
Dichlorobenzene[1,3-]	SW-846:8270C	ug/L	76	0	0	*6.73*	*10.6925*	*22.2*	76	100	-	-	0	0	0	0	600	MCL	14	-	-	-
Dichlorobenzene[1,4-]	SW-846:8270	ug/L	10	1	10	0.39	0.39	0.39	9	90	-	-	0	0	0	0	75	MCL	6	-	-	-
Dichlorobenzene[1,4-]	SW-846:8270C	ug/L	76	0	0	*6.73*	*10.6925*	*22.2*	76	100	-	-	0	0	0	0	75	MCL	14	-	-	-
Dichlorobenzidine[3,3'-]	SW-846:8270	ug/L	10	0	0	*9.9*	*10.05*	*10.5*	10	100	-	-	10	0	0	0	1.494034	Reg6	6	-	-	-
Dichlorobenzidine[3,3'-]	SW-846:8270C	ug/L	74	1	1	14.1	14.1	14.1	73	99	-	-	73	1	1	1	1.494034	Reg6	14	1	1	MT-3
Dichlorophenol[2,4-]	SW-846:8270	ug/L	10	0	0	*9.9*	*10.05*	*10.5*	10	100	-	-	0	0	0	0	109.5	Reg6	6	-	-	-
Dichlorophenol[2,4-]	SW-846:8270C	ug/L	70	0	0	*6.73*	*10.7433*	*22.2*	70	100	-	-	0	0	0	0	109.5	Reg6	13	-	-	-
Diethylphthalate	SW-846:8270	ug/L	10	0	0	*9.9*	*10.05*	*10.5*	10	100	-	-	0	0	0	0	29200	Reg6	6	-	-	-
Diethylphthalate	SW-846:8270C	ug/L	76	0	0	*6.73*	*10.6925*	*22.2*	76	100	-	-	0	0	0	0	29200	Reg6	14	-	-	-
Dimethyl Phthalate	SW-846:8270	ug/L	10	0	0	*9.9*	*10.05*	*10.5*	10	100	-	-	0	0	0	0	365000	Reg6	6	-	-	-

Table B-3
Screening Table for Mortandad Canyon Watershed

Analyte	Method	Units	No. of Analyses	No. of Detects	D Rate %	Min	Mean	Max	No. of Non-detects	ND Rate %	BV	D> BV	ND> Std	D> Std	D> Std/2	D>Std/2 Rate %	Level	Std Type	Locations with Data (number)	D>Std (number of locations)	D>Std/2 (number of locations)	D>Std Stations
Dimethyl Phthalate	SW-846:8270C	ug/L	76	0	0	6.73	10.6925	22.2	76	100	-	-	0	0	0	0	365000	Reg6	14	-	-	-
Dimethylphenol[2,4-]	SW-846:8270	ug/L	10	0	0	9.9	10.05	10.5	10	100	-	-	0	0	0	0	730	Reg6	6	-	-	-
Dimethylphenol[2,4-]	SW-846:8270C	ug/L	69	0	0	6.73	10.7468	22.2	69	100	-	-	0	0	0	0	730	Reg6	13	-	-	-
Di-n-butylphthalate	SW-846:8270	ug/L	10	0	0	9.9	10.05	10.5	10	100	-	-	0	0	0	0	3650	Reg6	6	-	-	-
Di-n-butylphthalate	SW-846:8270C	ug/L	74	0	0	6.73	10.6977	22.2	74	100	-	-	0	0	0	0	3650	Reg6	14	-	-	-
Dinitro-2-methylphenol[4,6-]	SW-846:8270	ug/L	10	0	0	9.9	10.05	10.5	10	100	-	-	0	0	0	0	-	-	6	-	-	-
Dinitro-2-methylphenol[4,6-]	SW-846:8270C	ug/L	71	0	0	6.73	10.7342	22.2	71	100	-	-	0	0	0	0	-	-	13	-	-	-
Dinitrophenol[2,4-]	SW-846:8270	ug/L	10	0	0	19.8	20.1	21	10	100	-	-	0	0	0	0	73	Reg6	6	-	-	-
Dinitrophenol[2,4-]	SW-846:8270C	ug/L	70	0	0	13.5	21.4871	44.4	70	100	-	-	0	0	0	0	73	Reg6	13	-	-	-
Dinitrotoluene[2,4-]	SW-846:8270	ug/L	10	0	0	9.9	10.05	10.5	10	100	-	-	0	0	0	0	73	Reg6	6	-	-	-
Dinitrotoluene[2,4-]	SW-846:8270C	ug/L	76	0	0	6.73	10.6925	22.2	76	100	-	-	0	0	0	0	73	Reg6	14	-	-	-
Dinitrotoluene[2,6-]	SW-846:8270	ug/L	10	0	0	9.9	10.05	10.5	10	100	-	-	0	0	0	0	36.5	Reg6	6	-	-	-
Dinitrotoluene[2,6-]	SW-846:8270C	ug/L	76	0	0	6.73	10.6925	22.2	76	100	-	-	0	0	0	0	36.5	Reg6	14	-	-	-
Di-n-octylphthalate	SW-846:8270	ug/L	10	0	0	9.9	10.05	10.5	10	100	-	-	0	0	0	0	-	-	6	-	-	-
Di-n-octylphthalate	SW-846:8270C	ug/L	76	1	1	9.36	9.36	9.36	75	99	-	-	0	0	0	0	-	-	14	-	-	-
Dinoseb	SW-846:8270C	ug/L	53	0	0	6.73	10.6874	22.2	53	100	-	-	0	0	0	0	-	-	12	-	-	-
Dioxane[1,4-]	SW-846:8270C	ug/L	48	0	0	6.73	10.2902	11.6	48	100	-	-	0	0	0	0	61.11958	Reg6	12	-	-	-
Diphenylamine	SW-846:8270	ug/L	10	0	0	9.9	10.05	10.5	10	100	-	-	0	0	0	0	912.5	Reg6	6	-	-	-
Diphenylamine	SW-846:8270C	ug/L	76	0	0	6.73	10.6925	22.2	76	100	-	-	0	0	0	0	912.5	Reg6	14	-	-	-
Diphenylhydrazine[1,2-]	SW-846:8270C	ug/L	5	0	0	9.9	10.06	10.2	5	100	-	-	5	0	0	0	0.8403942	Reg6	5	-	-	-
Fluoranthene	SW-846:8270	ug/L	10	0	0	0.99	0.997	1	10	100	-	-	0	0	0	0	1460	Reg6	6	-	-	-
Fluoranthene	SW-846:8270C	ug/L	74	2	3	0.667	0.6985	0.73	72	97	-	-	0	0	0	0	1460	Reg6	14	-	-	-
Fluorene	SW-846:8270	ug/L	10	0	0	0.99	0.997	1	10	100	-	-	0	0	0	0	243.3333	Reg6	6	-	-	-
Fluorene	SW-846:8270C	ug/L	74	2	3	0.593	0.6665	0.74	72	97	-	-	0	0	0	0	243.3333	Reg6	14	-	-	-
Hexachlorobenzene	SW-846:8270	ug/L	10	0	0	9.9	10.05	10.5	10	100	-	-	10	0	0	0	1	MCL	6	-	-	-
Hexachlorobenzene	SW-846:8270C	ug/L	76	0	0	6.73	10.6925	22.2	76	100	-	-	76	0	0	0	1	MCL	14	-	-	-
Hexachlorobutadiene	SW-846:8270	ug/L	10	0	0	9.9	10.05	10.5	10	100	-	-	10	0	0	0	8.619427	Reg6	6	-	-	-
Hexachlorobutadiene	SW-846:8270C	ug/L	76	0	0	6.73	10.6925	22.2	76	100	-	-	75	0	0	0	8.619427	Reg6	14	-	-	-
Hexachlorocyclopentadiene	SW-846:8270	ug/L	10	0	0	9.9	10.05	10.5	10	100	-	-	0	0	0	0	50	MCL	6	-	-	-
Hexachlorocyclopentadiene	SW-846:8270C	ug/L	76	0	0	6.73	10.6925	22.2	76	100	-	-	0	0	0	0	50	MCL	14	-	-	-
Hexachloroethane	SW-846:8270	ug/L	10	0	0	9.9	10.05	10.5	10	100	-	-	0	0	0	0	48.02252	Reg6	6	-	-	-
Hexachloroethane	SW-846:8270C	ug/L	76	0	0	6.73	10.6925	22.2	76	100	-	-	0	0	0	0	48.02252	Reg6	14	-	-	-
Indeno(1,2,3-cd)pyrene	SW-846:8270	ug/L	10	0	0	0.99	0.997	1	10	100	-	-	10	0	0	0	0.2949853	Reg6	6	-	-	-
Indeno(1,2,3-cd)pyrene	SW-846:8270C	ug/L	76	1	1	0.341	0.341	0.341	75	99	-	-	75	1	1	1	0.2949853	Reg6	14	1	1	MCO-7.5
Isophorone	SW-846:8270	ug/L	10	0	0	9.9	10.05	10.5	10	100	-	-	0	0	0	0	707.7004	Reg6	6	-	-	-
Isophorone	SW-846:8270C	ug/L	76	0	0	6.73	10.6925	22.2	76	100	-	-	0	0	0	0	707.7004	Reg6	14	-	-	-
Methylnaphthalene[1-]	SW-846:8270C	ug/L	53	1	2	0.369	0.369	0.369	52	98	-	-	0	0	0	0	-	-	12	-	-	-
Methylnaphthalene[2-]	SW-846:8270	ug/L	10	0	0	0.99	0.997	1	10	100	-	-	0	0	0	0	-	-	6	-	-	-
Methylnaphthalene[2-]	SW-846:8270C	ug/L	72	2	3	0.356	0.478	0.6	70	97	-	-	0	0	0	0	-	-	14	-	-	-
Methylphenol[2-]	SW-846:8270	ug/L	10	0	0	9.9	10.05	10.5	10	100	-	-	0	0	0	0	1825	Reg6	6	-	-	-
Methylphenol[2-]	SW-846:8270C	ug/L	72	0	0	6.73	10.7296	22.2	72	100	-	-	0	0	0	0	1825	Reg6	13	-	-	-
Methylphenol[3-,4-]	SW-846:8270C	ug/L	53	0	0	6.73	10.6421	20	53	100	-	-	0	0	0	0	-	-	12	-	-	-
Methylphenol[4-]	SW-846:8270	ug/L	10	0	0	9.9	10.05	10.5	10	100	-	-	0	0	0	0	182.5	Reg6	6	-	-	-
Methylphenol[4-]	SW-846:8270C	ug/L	19	0	0	9.5	10.9737	22.2	19	100	-	-	0	0	0	0	182.5	Reg6	10	-	-	-
Methylpyridine[2-]	SW-846:8270	ug/L	10	0	0	9.9	10.05	10.5	10	100	-	-	0	0	0	0	-	-	6	-	-	-
Methylpyridine[2-]	SW-846:8270C	ug/L	5	0	0	9.9	10.06	10.2	5	100	-	-	0	0	0	0	-	-	5	-	-	-
Naphthalene	SW-846:8270	ug/L	10	0	0	0.99	0.997	1	10	100	-	-	0	0	0	0	30	NMGSU	6	-	-	-
Naphthalene	SW-846:8270C	ug/L	71	1	1	0.64	0.64	0.64	70	99	-	-	0	0	0	0	30	NMGSU	14	-	-	-
Nitroaniline[2-]	SW-846:8270	ug/L	10	0	0	9.9	10.05	10.5	10	100	-	-	0	0	0	0	109.5	Reg6	6	-	-	-
Nitroaniline[2-]	SW-846:8270C	ug/L	76	0	0	6.73	10.6925	22.2	76	100	-	-	0	0	0	0	109.5	Reg6	14	-	-	-
Nitroaniline[3-]	SW-846:8270	ug/L	10	0	0	9.9	10.05	10.5	10	100	-	-	0	0	0	0	-	-	6	-	-	-
Nitroaniline[3-]	SW-846:8270C	ug/L	76	0	0	6.73	10.6925	22.2	76	100	-	-	0	0	0	0	-	-	14	-	-	-
Nitroaniline[4-]	SW-846:8270	ug/L	10	0	0	9.9	10.05	10.5	10	100	-	-	0	0	0	0	-	-	6	-	-	-
Nitroaniline[4-]	SW-846:8270C	ug/L	76	0	0	6.73	10.6925	22.2	76	100	-	-	0	0	0	0	-	-	14	-	-	-
Nitrobenzene	SW-846:8270	ug/L	10	0	0	9.9	10.05	10.5	10	100	-	-	10	0	0	0	3.395349	Reg6	6	-	-	-
Nitrobenzene	SW-846:8270C	ug/L	76	0	0	6.73	10.6925	22.2	76	100	-	-	76	0	0	0	3.395349	Reg6	14	-	-	-
Nitrophenol[2-]	SW-846:8270	ug/L	10	0	0	9.9	10.05	10.5	10	100	-	-	0	0	0	0	-	-	6	-	-	-
Nitrophenol[2-]	SW-846:8270C	ug/L	68	0	0	6.73	10.7651	22.2	68	100	-	-	0	0	0	0	-	-	13	-	-	-

Table B-3
Screening Table for Mortandad Canyon Watershed

Analyte	Method	Units	No. of Analyses	No. of Detects	D Rate %	Min	Mean	Max	No. of Non-detects	ND Rate %	BV	D> BV	ND> Std	D> Std	D> Std/2	D>Std/2 Rate %	Level	Std Type	Locations with Data (number)	D>Std (number of locations)	D>Std/2 (number of locations)	D>Std Stations
Nitrophenol[4-]	SW-846:8270	ug/L	10	0	0	9.9	10.05	10.5	10	100	-	-	0	0	0	0	292	Reg6	6	-	-	-
Nitrophenol[4-]	SW-846:8270C	ug/L	72	0	0	6.73	10.7296	22.2	72	100	-	-	0	0	0	0	292	Reg6	13	-	-	-
Nitrosodiethylamine[N-]	SW-846:8270C	ug/L	59	0	0	6.73	10.8073	22.2	59	100	-	-	59	0	0	0	0.001435595	Reg6	12	-	-	-
Nitrosodimethylamine[N-]	SW-846:8270	ug/L	10	0	0	9.9	10.05	10.5	10	100	-	-	10	0	0	0	0.004222338	Reg6	6	-	-	-
Nitrosodimethylamine[N-]	SW-846:8270C	ug/L	64	0	0	6.73	10.7489	22.2	64	100	-	-	64	0	0	0	0.004222338	Reg6	13	-	-	-
Nitroso-di-n-butylamine[N-]	SW-846:8270C	ug/L	58	0	0	6.73	10.8057	22.2	58	100	-	-	58	0	0	0	0.1226854	Reg6	12	-	-	-
Nitroso-di-n-propylamine[N-]	SW-846:8270	ug/L	10	0	0	9.9	10.05	10.5	10	100	-	-	10	0	0	0	0.09604505	Reg6	6	-	-	-
Nitroso-di-n-propylamine[N-]	SW-846:8270C	ug/L	74	0	0	6.73	10.7072	22.2	74	100	-	-	74	0	0	0	0.09604505	Reg6	14	-	-	-
Nitrosopyrrolidine[N-]	SW-846:8270C	ug/L	59	0	0	6.73	10.8073	22.2	59	100	-	-	59	0	0	0	0.3201502	Reg6	12	-	-	-
Oxybis(1-chloropropane)[2,2'-]	SW-846:8270	ug/L	10	0	0	9.9	10.05	10.5	10	100	-	-	10	0	0	0	9.536393	Reg6	6	-	-	-
Oxybis(1-chloropropane)[2,2'-]	SW-846:8270C	ug/L	76	0	0	6.73	10.6925	22.2	76	100	-	-	72	0	0	0	9.536393	Reg6	14	-	-	-
Pentachlorobenzene	SW-846:8270C	ug/L	57	0	0	6.73	10.8181	22.2	57	100	-	-	0	0	0	0	29.2	Reg6	12	-	-	-
Pentachlorophenol	SW-846:8270	ug/L	10	0	0	9.9	10.05	10.5	10	100	-	-	10	0	0	0	1	MCL	6	-	-	-
Pentachlorophenol	SW-846:8270C	ug/L	71	0	0	6.73	10.7342	22.2	71	100	-	-	71	0	0	0	1	MCL	13	-	-	-
Phenanthrene	SW-846:8270	ug/L	10	0	0	0.99	0.997	1	10	100	-	-	0	0	0	0	-	-	6	-	-	-
Phenanthrene	SW-846:8270C	ug/L	74	2	3	0.7	0.725	0.75	72	97	-	-	0	0	0	0	-	-	14	-	-	-
Phenol	SW-846:8270	ug/L	10	0	0	9.9	10.05	10.5	10	100	-	-	10	0	0	0	5	NMGSU	6	-	-	-
Phenol	SW-846:8270C	ug/L	72	0	0	6.73	10.724	22.2	72	100	-	-	72	0	0	0	5	NMGSU	14	-	-	-
Pyrene	SW-846:8270	ug/L	10	0	0	0.99	0.997	1	10	100	-	-	0	0	0	0	182.5	Reg6	6	-	-	-
Pyrene	SW-846:8270C	ug/L	74	2	3	0.626	0.643	0.66	72	97	-	-	0	0	0	0	182.5	Reg6	14	-	-	-
Pyridine	SW-846:8270	ug/L	10	0	0	9.9	10.05	10.5	10	100	-	-	0	0	0	0	36.5	Reg6	6	-	-	-
Pyridine	SW-846:8270C	ug/L	20	0	0	6.73	10.0915	10.9	20	100	-	-	0	0	0	0	36.5	Reg6	11	-	-	-
Tetrachlorobenzene[1,2,4,5]	SW-846:8270C	ug/L	59	0	0	6.73	10.8073	22.2	59	100	-	-	59	0	0	0	0.00003	MCL	12	-	-	-
Tetrachlorophenol[2,3,4,6-]	SW-846:8270C	ug/L	56	0	0	6.73	10.8488	22.2	56	100	-	-	56	0	0	0	5	MCL	12	-	-	-
Trichlorobenzene[1,2,4-]	SW-846:8270	ug/L	10	0	0	9.9	10.05	10.5	10	100	-	-	0	0	0	0	70	MCL	6	-	-	-
Trichlorobenzene[1,2,4-]	SW-846:8270C	ug/L	76	0	0	6.73	10.6925	22.2	76	100	-	-	0	0	0	0	70	MCL	14	-	-	-
Trichlorophenol[2,4,5-]	SW-846:8270	ug/L	10	0	0	9.9	10.05	10.5	10	100	-	-	0	0	0	0	3650	Reg6	6	-	-	-
Trichlorophenol[2,4,5-]	SW-846:8270C	ug/L	70	0	0	6.73	10.7433	22.2	70	100	-	-	0	0	0	0	3650	Reg6	13	-	-	-
Trichlorophenol[2,4,6-]	SW-846:8270	ug/L	10	0	0	9.9	10.05	10.5	10	100	-	-	0	0	0	0	61.11958	Reg6	6	-	-	-
Trichlorophenol[2,4,6-]	SW-846:8270C	ug/L	70	0	0	6.73	10.7433	22.2	70	100	-	-	0	0	0	0	61.11958	Reg6	13	-	-	-
Mortandad, SVOA, UF, Intermediate																						
Acenaphthene	SW-846:8270C	ug/L	33	0	0	1	1.10697	2	33	100	-	-	0	0	0	0	365	Reg6	4	-	-	-
Acenaphthylene	SW-846:8270C	ug/L	33	0	0	1	1.10697	2	33	100	-	-	0	0	0	0	-	-	4	-	-	-
Acetophenone	SW-846:8270C	ug/L	4	0	0	10.1	12.45	19.2	4	100	-	-	0	0	0	0	608.3333	Reg6	3	-	-	-
Aniline	SW-846:8270C	ug/L	27	0	0	10	11.0222	20.2	27	100	-	-	0	0	0	0	117.9501	Reg6	4	-	-	-
Anthracene	SW-846:8270C	ug/L	33	0	0	1	1.10697	2	33	100	-	-	0	0	0	0	1825	Reg6	4	-	-	-
Atrazine	SW-846:8270C	ug/L	31	0	0	10	11.1742	20.2	31	100	-	-	31	0	0	0	3	MCL	3	-	-	-
Azobenzene	SW-846:8270C	ug/L	33	0	0	1.1	10.8364	20.2	33	100	-	-	32	0	0	0	6.111958	Reg6	4	-	-	-
Benzidine	SW-846:8270C	ug/L	24	0	0	10	38.8917	101	24	100	-	-	24	0	0	0	0.000936258	Reg6	3	-	-	-
Benzo(a)anthracene	SW-846:8270C	ug/L	33	0	0	1	1.10697	2	33	100	-	-	33	0	0	0	0.2949853	Reg6	4	-	-	-
Benzo(a)pyrene	SW-846:8270C	ug/L	33	0	0	1	1.10697	2	33	100	-	-	33	0	0	0	0.2	MCL	4	-	-	-
Benzo(b)fluoranthene	SW-846:8270C	ug/L	33	0	0	1	1.10697	2	33	100	-	-	33	0	0	0	0.2949853	Reg6	4	-	-	-
Benzo(g,h,i)perylene	SW-846:8270C	ug/L	33	0	0	1	1.10697	2	33	100	-	-	0	0	0	0	-	-	4	-	-	-
Benzo(k)fluoranthene	SW-846:8270C	ug/L	33	0	0	1	1.10697	2	33	100	-	-	0	0	0	0	2.949853	Reg6	4	-	-	-
Benzoic Acid	SW-846:8270C	ug/L	31	1	3	9.3	9.3	9.3	30	97	-	-	0	0	0	0	146000	Reg6	4	-	-	-
Benzyl Alcohol	SW-846:8270C	ug/L	33	0	0	10	11.1515	20.2	33	100	-	-	0	0	0	0	10950	Reg6	4	-	-	-
Bis(2-chloroethoxy)methane	SW-846:8270C	ug/L	32	0	0	10	11.1438	20.2	32	100	-	-	0	0	0	0	-	-	4	-	-	-
Bis(2-chloroethyl)ether	SW-846:8270C	ug/L	33	0	0	10	11.1515	20.2	33	100	-	-	33	0	0	0	0.602164	Reg6	4	-	-	-
Bis(2-ethylhexyl)phthalate	SW-846:8270C	ug/L	33	16	48	1.6	7.45625	16.2	17	52	-	-	17	9	12	36	6	MCL	4	2	2	MCOI-4, MCOI-6
Bromophenyl-phenylether[4-]	SW-846:8270C	ug/L	33	0	0	10	11.1515	20.2	33	100	-	-	0	0	0	0	-	-	4	-	-	-
Butylbenzylphthalate	SW-846:8270C	ug/L	33	0	0	10	11.1515	20.2	33	100	-	-	0	0	0	0	7300	Reg6	4	-	-	-
Carbazole	SW-846:8270C	ug/L	4	0	0	10.1	12.45	19.2	4	100	-	-	0	0	0	0	33.61577	Reg6	3	-	-	-
Chloro-3-methylphenol[4-]	SW-846:8270C	ug/L	32	0	0	10	11.1781	20.2	32	100	-	-	0	0	0	0	-	-	4	-	-	-
Chloroaniline[4-]	SW-846:8270C	ug/L	33	0	0	10	11.1515	20.2	33	100	-	-	0	0	0	0	146	Reg6	4	-	-	-
Chloronaphthalene[2-]	SW-846:8270C	ug/L	33	0	0	1	1.10697	2	33	100	-	-	0	0	0	0	486.6667	Reg6	4	-	-	-
Chlorophenol[2-]	SW-846:8270C	ug/L	32	0	0	10	11.1781	20.2	32	100	-	-	0	0	0	0	30.41667	Reg6	4	-	-	-
Chlorophenyl-phenyl[4-] Ether	SW-846:8270C	ug/L	33	0	0	10	11.1515	20.2	33	100	-	-	0	0	0	0	-	-	4	-	-	-

Table B-3
Screening Table for Mortandad Canyon Watershed

Analyte	Method	Units	No. of Analyses	No. of Detects	D Rate %	Min	Mean	Max	No. of Non-detects	ND Rate %	BV	D> BV	ND> Std	D> Std	D> Std/2	D>Std/2 Rate %	Level	Std Type	Locations with Data (number)	D>Std (number of locations)	D>Std/2 (number of locations)	D>Std Stations
Chrysene	SW-846:8270C	ug/L	33	0	0	*1*	*1.10697*	*2*	33	100	-	-	33	0	0	0	0.2	MCL	4	-	-	-
Dibenz(a,h)anthracene	SW-846:8270C	ug/L	33	0	0	*1*	*1.10697*	*2*	33	100	-	-	33	0	0	0	0.02949853	Reg6	4	-	-	-
Dibenzofuran	SW-846:8270C	ug/L	33	0	0	*10*	*11.1515*	*20.2*	33	100	-	-	3	0	0	0	12.16667	Reg6	4	-	-	-
Dichlorobenzene[1,2-]	SW-846:8270C	ug/L	33	0	0	*10*	*11.1515*	*20.2*	33	100	-	-	0	0	0	0	600	MCL	4	-	-	-
Dichlorobenzene[1,3-]	SW-846:8270C	ug/L	33	0	0	*10*	*11.1515*	*20.2*	33	100	-	-	0	0	0	0	600	MCL	4	-	-	-
Dichlorobenzene[1,4-]	SW-846:8270C	ug/L	33	0	0	*10*	*11.1515*	*20.2*	33	100	-	-	0	0	0	0	75	MCL	4	-	-	-
Dichlorobenzidine[3,3'-]	SW-846:8270C	ug/L	31	0	0	*10*	*11.2097*	*20.2*	31	100	-	-	31	0	0	0	1.494034	Reg6	4	-	-	-
Dichlorophenol[2,4-]	SW-846:8270C	ug/L	31	0	0	*10*	*11.2065*	*20.2*	31	100	-	-	0	0	0	0	109.5	Reg6	4	-	-	-
Diethylphthalate	SW-846:8270C	ug/L	33	0	0	*10*	*11.1515*	*20.2*	33	100	-	-	0	0	0	0	29200	Reg6	4	-	-	-
Dimethyl Phthalate	SW-846:8270C	ug/L	33	0	0	*10*	*11.1515*	*20.2*	33	100	-	-	0	0	0	0	365000	Reg6	4	-	-	-
Dimethylphenol[2,4-]	SW-846:8270C	ug/L	32	0	0	*10*	*11.1781*	*20.2*	32	100	-	-	0	0	0	0	730	Reg6	4	-	-	-
Di-n-butylphthalate	SW-846:8270C	ug/L	33	0	0	*10*	*11.1515*	*20.2*	33	100	-	-	0	0	0	0	3650	Reg6	4	-	-	-
Dinitro-2-methylphenol[4,6-]	SW-846:8270C	ug/L	32	0	0	*10*	*11.1781*	*20.2*	32	100	-	-	0	0	0	0	-	-	4	-	-	-
Dinitrophenol[2,4-]	SW-846:8270C	ug/L	31	0	0	*20*	*22.4097*	*40.4*	31	100	-	-	0	0	0	0	73	Reg6	4	-	-	-
Dinitrotoluene[2,4-]	SW-846:8270C	ug/L	33	0	0	*10*	*11.1515*	*20.2*	33	100	-	-	0	0	0	0	73	Reg6	4	-	-	-
Dinitrotoluene[2,6-]	SW-846:8270C	ug/L	33	0	0	*10*	*11.1515*	*20.2*	33	100	-	-	0	0	0	0	36.5	Reg6	4	-	-	-
Di-n-octylphthalate	SW-846:8270C	ug/L	33	0	0	*10*	*11.1515*	*20.2*	33	100	-	-	0	0	0	0	-	-	4	-	-	-
Dinoseb	SW-846:8270C	ug/L	29	0	0	*10*	*11.2276*	*20.2*	29	100	-	-	0	0	0	0	-	-	3	-	-	-
Dioxane[1,4-]	SW-846:8270C	ug/L	21	18	86	4.93	20.8128	37.6	3	14	-	-	0	0	1	5	61.11958	Reg6	3	-	1	-
Diphenylamine	SW-846:8270C	ug/L	31	0	0	*10*	*11.1742*	*20.2*	31	100	-	-	0	0	0	0	912.5	Reg6	3	-	-	-
Fluoranthene	SW-846:8270C	ug/L	33	0	0	*1*	*1.10697*	*2*	33	100	-	-	0	0	0	0	1460	Reg6	4	-	-	-
Fluorene	SW-846:8270C	ug/L	33	0	0	*1*	*1.10697*	*2*	33	100	-	-	0	0	0	0	243.3333	Reg6	4	-	-	-
Hexachlorobenzene	SW-846:8270C	ug/L	33	0	0	*10*	*11.1515*	*20.2*	33	100	-	-	33	0	0	0	1	MCL	4	-	-	-
Hexachlorobutadiene	SW-846:8270C	ug/L	33	0	0	*10*	*11.1515*	*20.2*	33	100	-	-	33	0	0	0	8.619427	Reg6	4	-	-	-
Hexachlorocyclopentadiene	SW-846:8270C	ug/L	33	0	0	*10*	*11.1515*	*20.2*	33	100	-	-	0	0	0	0	50	MCL	4	-	-	-
Hexachloroethane	SW-846:8270C	ug/L	33	0	0	*10*	*11.1515*	*20.2*	33	100	-	-	0	0	0	0	48.02252	Reg6	4	-	-	-
Indeno(1,2,3-cd)pyrene	SW-846:8270C	ug/L	33	0	0	*1*	*1.10697*	*2*	33	100	-	-	33	0	0	0	0.2949853	Reg6	4	-	-	-
Isophorone	SW-846:8270C	ug/L	33	0	0	*10*	*11.1515*	*20.2*	33	100	-	-	0	0	0	0	707.7004	Reg6	4	-	-	-
Methylnaphthalene[1-]	SW-846:8270C	ug/L	30	0	0	*1*	*1.10967*	*2*	30	100	-	-	0	0	0	0	-	-	3	-	-	-
Methylnaphthalene[2-]	SW-846:8270C	ug/L	33	0	0	*1*	*1.10697*	*2*	33	100	-	-	0	0	0	0	-	-	4	-	-	-
Methylphenol[2-]	SW-846:8270C	ug/L	32	0	0	*10*	*11.1781*	*20.2*	32	100	-	-	0	0	0	0	1825	Reg6	4	-	-	-
Methylphenol[3-,4-]	SW-846:8270C	ug/L	27	0	0	*10*	*10.9407*	*19.2*	27	100	-	-	0	0	0	0	-	-	3	-	-	-
Methylphenol[4-]	SW-846:8270C	ug/L	5	0	0	*10.1*	*12.46*	*20.2*	5	100	-	-	0	0	0	0	182.5	Reg6	3	-	-	-
Naphthalene	SW-846:8270C	ug/L	32	0	0	*1*	*1.11031*	*2*	32	100	-	-	0	0	0	0	30	NMGSU	4	-	-	-
Nitroaniline[2-]	SW-846:8270C	ug/L	33	0	0	*10*	*11.1515*	*20.2*	33	100	-	-	0	0	0	0	109.5	Reg6	4	-	-	-
Nitroaniline[3-]	SW-846:8270C	ug/L	33	0	0	*10*	*11.1515*	*20.2*	33	100	-	-	0	0	0	0	-	-	4	-	-	-
Nitroaniline[4-]	SW-846:8270C	ug/L	33	1	3	17.6	17.6	17.6	32	97	-	-	0	0	0	0	-	-	4	-	-	-
Nitrobenzene	SW-846:8270C	ug/L	33	0	0	*10*	*11.1515*	*20.2*	33	100	-	-	33	0	0	0	3.395349	Reg6	4	-	-	-
Nitrophenol[2-]	SW-846:8270C	ug/L	27	0	0	*10*	*11.3481*	*20.2*	27	100	-	-	0	0	0	0	-	-	4	-	-	-
Nitrophenol[4-]	SW-846:8270C	ug/L	32	0	0	*10*	*11.1781*	*20.2*	32	100	-	-	0	0	0	0	292	Reg6	4	-	-	-
Nitrosodiethylamine[N-]	SW-846:8270C	ug/L	27	0	0	*10*	*10.9852*	*20.2*	27	100	-	-	27	0	0	0	0.001435595	Reg6	3	-	-	-
Nitrosodimethylamine[N-]	SW-846:8270C	ug/L	29	0	0	*10*	*10.9724*	*20.2*	29	100	-	-	29	0	0	0	0.004222338	Reg6	4	-	-	-
Nitroso-di-n-butylamine[N-]	SW-846:8270C	ug/L	27	0	0	*10*	*10.9852*	*20.2*	27	100	-	-	27	0	0	0	0.1226854	Reg6	3	-	-	-
Nitroso-di-n-propylamine[N-]	SW-846:8270C	ug/L	33	0	0	*10*	*11.1515*	*20.2*	33	100	-	-	33	0	0	0	0.09604505	Reg6	4	-	-	-
Nitrosodiphenylamine[N-]	SW-846:8270C	ug/L	2	0	0	*10.1*	*10.8*	*11.5*	2	100	-	-	0	0	0	0	137.2072	Reg6	1	-	-	-
Nitrosopyrrolidine[N-]	SW-846:8270C	ug/L	27	0	0	*10*	*10.9852*	*20.2*	27	100	-	-	27	0	0	0	0.3201502	Reg6	3	-	-	-
Oxybis(1-chloropropane)[2,2'-]	SW-846:8270C	ug/L	33	0	0	*10*	*11.1515*	*20.2*	33	100	-	-	33	0	0	0	9.536393	Reg6	4	-	-	-
Pentachlorobenzene	SW-846:8270C	ug/L	27	0	0	*10*	*10.9852*	*20.2*	27	100	-	-	0	0	0	0	29.2	Reg6	3	-	-	-
Pentachlorophenol	SW-846:8270C	ug/L	32	0	0	*10*	*11.1781*	*20.2*	32	100	-	-	32	0	0	0	1	MCL	4	-	-	-
Phenanthrene	SW-846:8270C	ug/L	31	0	0	*1*	*1.11032*	*2*	31	100	-	-	0	0	0	0	-	-	4	-	-	-
Phenol	SW-846:8270C	ug/L	32	0	0	*10*	*11.1781*	*20.2*	32	100	-	-	32	0	0	0	5	NMGSU	4	-	-	-
Pyrene	SW-846:8270C	ug/L	33	0	0	*1*	*1.10697*	*2*	33	100	-	-	0	0	0	0	182.5	Reg6	4	-	-	-
Pyridine	SW-846:8270C	ug/L	9	0	0	*10*	*10.6889*	*11.5*	9	100	-	-	0	0	0	0	36.5	Reg6	4	-	-	-
Tetrachlorobenzene[1,2,4,5]	SW-846:8270C	ug/L	27	0	0	*10*	*10.9852*	*20.2*	27	100	-	-	27	0	0	0	0.00003	MCL	3	-	-	-
Tetrachlorophenol[2,3,4,6-]	SW-846:8270C	ug/L	26	0	0	*10*	*11.0115*	*20.2*	26	100	-	-	26	0	0	0	5	MCL	3	-	-	-
Trichlorobenzene[1,2,4-]	SW-846:8270C	ug/L	33	0	0	*10*	*11.1515*	*20.2*	33	100	-	-	0	0	0	0	70	MCL	4	-	-	-
Trichlorophenol[2,4,5-]	SW-846:8270C	ug/L	31	0	0	*10*	*11.2065*	*20.2*	31	100	-	-	0	0	0	0	3650	Reg6	4	-	-	-
Trichlorophenol[2,4,6-]	SW-846:8270C	ug/L	31	0	0	*10*	*11.2065*	*20.2*	31	100	-	-	0	0	0	0	61.11958	Reg6	4	-	-	-

Table B-3
Screening Table for Mortandad Canyon Watershed

Analyte	Method	Units	No. of Analyses	No. of Detects	D Rate %	Min	Mean	Max	No. of Non-detects	ND Rate %	BV	D> BV	ND> Std	D> Std	D> Std/2	D>Std/2 Rate %	Level	Std Type	Locations with Data (number)	D>Std (number of locations)	D>Std/2 (number of locations)	D>Std Stations
Mortandad, SVOA, UF, Regional																						
Acenaphthene	SW-846:8270	ug/L	30	0	0	1	1.04333	1.2	30	100	-	-	0	0	0	0	365	Reg6	6	-	-	-
Acenaphthene	SW-846:8270C	ug/L	106	0	0	0.96	1.0717	2.27	106	100	-	-	0	0	0	0	365	Reg6	11	-	-	-
Acenaphthylene	SW-846:8270	ug/L	30	1	3	4.1	4.1	4.1	29	97	-	-	0	0	0	0	-	-	6	-	-	-
Acenaphthylene	SW-846:8270C	ug/L	102	1	1	0.25	0.25	0.25	101	99	-	-	0	0	0	0	-	-	11	-	-	-
Acetophenone	SW-846:8270C	ug/L	4	0	0	9.6	12.35	20	4	100	-	-	0	0	0	0	608.3333	Reg6	2	-	-	-
Aniline	SW-846:8270	ug/L	30	0	0	10	10.5233	11.6	30	100	-	-	0	0	0	0	117.9501	Reg6	6	-	-	-
Aniline	SW-846:8270C	ug/L	100	0	0	9.9	10.673	22.7	100	100	-	-	0	0	0	0	117.9501	Reg6	11	-	-	-
Anthracene	SW-846:8270	ug/L	30	0	0	1	1.04333	1.2	30	100	-	-	0	0	0	0	1825	Reg6	6	-	-	-
Anthracene	SW-846:8270C	ug/L	102	1	1	0.3	0.3	0.3	101	99	-	-	0	0	0	0	1825	Reg6	11	-	-	-
Atrazine	SW-846:8270C	ug/L	92	0	0	9.9	10.8098	22.7	92	100	-	-	92	0	0	0	3	MCL	11	-	-	-
Azobenzene	SW-846:8270	ug/L	29	0	0	10	10.5207	11.6	29	100	-	-	29	0	0	0	6.111958	Reg6	6	-	-	-
Azobenzene	SW-846:8270C	ug/L	104	0	0	9.9	10.7615	22.7	104	100	-	-	104	0	0	0	6.111958	Reg6	11	-	-	-
Benzidine	SW-846:8270	ug/L	3	0	0	50.5	51.3667	52.1	3	100	-	-	3	0	0	0	0.000936258	Reg6	2	-	-	-
Benzidine	SW-846:8270C	ug/L	80	0	0	10	34.825	100	80	100	-	-	80	0	0	0	0.000936258	Reg6	11	-	-	-
Benzo(a)anthracene	SW-846:8270	ug/L	30	0	0	1	1.04333	1.2	30	100	-	-	30	0	0	0	0.2949853	Reg6	6	-	-	-
Benzo(a)anthracene	SW-846:8270C	ug/L	104	1	1	0.42	0.42	0.42	103	99	-	-	103	1	1	1	0.2949853	Reg6	11	1	1	R-14
Benzo(a)pyrene	SW-846:8270	ug/L	30	0	0	1	1.04333	1.2	30	100	-	-	30	0	0	0	0.2	MCL	6	-	-	-
Benzo(a)pyrene	SW-846:8270C	ug/L	105	0	0	0.96	1.07162	2.27	105	100	-	-	105	0	0	0	0.2	MCL	11	-	-	-
Benzo(b)fluoranthene	SW-846:8270	ug/L	30	0	0	1	1.04333	1.2	30	100	-	-	30	0	0	0	0.2949853	Reg6	6	-	-	-
Benzo(b)fluoranthene	SW-846:8270C	ug/L	106	0	0	0.96	1.0717	2.27	106	100	-	-	106	0	0	0	0.2949853	Reg6	11	-	-	-
Benzo(g,h,i)perylene	SW-846:8270	ug/L	30	0	0	1	1.04333	1.2	30	100	-	-	0	0	0	0	-	-	6	-	-	-
Benzo(g,h,i)perylene	SW-846:8270C	ug/L	105	0	0	0.96	1.07162	2.27	105	100	-	-	0	0	0	0	-	-	11	-	-	-
Benzo(k)fluoranthene	SW-846:8270	ug/L	30	0	0	1	1.04333	1.2	30	100	-	-	0	0	0	0	2.949853	Reg6	6	-	-	-
Benzo(k)fluoranthene	SW-846:8270C	ug/L	106	0	0	0.96	1.0717	2.27	106	100	-	-	0	0	0	0	2.949853	Reg6	11	-	-	-
Benzoic Acid	SW-846:8270	ug/L	28	2	7	19.9	20.5	21.1	26	93	-	-	0	0	0	0	146000	Reg6	6	-	-	-
Benzoic Acid	SW-846:8270C	ug/L	98	1	1	12.5	12.5	12.5	97	99	-	-	0	0	0	0	146000	Reg6	11	-	-	-
Benzyl Alcohol	SW-846:8270	ug/L	30	0	0	10	10.5233	11.6	30	100	-	-	0	0	0	0	10950	Reg6	6	-	-	-
Benzyl Alcohol	SW-846:8270C	ug/L	104	0	0	3	10.599	22.7	104	100	-	-	0	0	0	0	10950	Reg6	11	-	-	-
Bis(2-chloroethoxy)methane	SW-846:8270	ug/L	30	0	0	10	10.5233	11.6	30	100	-	-	0	0	0	0	-	-	6	-	-	-
Bis(2-chloroethoxy)methane	SW-846:8270C	ug/L	99	0	0	9.6	10.7424	22.7	99	100	-	-	0	0	0	0	-	-	11	-	-	-
Bis(2-chloroethyl)ether	SW-846:8270	ug/L	30	0	0	8.3	10.46	11.6	30	100	-	-	30	0	0	0	0.602164	Reg6	6	-	-	-
Bis(2-chloroethyl)ether	SW-846:8270C	ug/L	106	0	0	9.6	10.7415	22.7	106	100	-	-	106	0	0	0	0.602164	Reg6	11	-	-	-
Bis(2-ethylhexyl)phthalate	SW-846:8270	ug/L	29	2	7	2.2	2.55	2.9	27	93	-	-	23	0	0	0	6	MCL	6	-	-	-
Bis(2-ethylhexyl)phthalate	SW-846:8270C	ug/L	106	2	2	4.2	6.2	8.2	104	98	-	-	102	1	2	2	6	MCL	11	1	1	R-33
Bromophenyl-phenylether[4-]	SW-846:8270	ug/L	29	0	0	10	10.5207	11.6	29	100	-	-	0	0	0	0	-	-	6	-	-	-
Bromophenyl-phenylether[4-]	SW-846:8270C	ug/L	106	0	0	9.6	10.7415	22.7	106	100	-	-	0	0	0	0	-	-	11	-	-	-
Butylbenzylphthalate	SW-846:8270	ug/L	30	0	0	10	10.5233	11.6	30	100	-	-	0	0	0	0	7300	Reg6	6	-	-	-
Butylbenzylphthalate	SW-846:8270C	ug/L	106	0	0	9.6	10.7415	22.7	106	100	-	-	0	0	0	0	7300	Reg6	11	-	-	-
Carbazole	SW-846:8270C	ug/L	4	0	0	9.6	12.35	20	4	100	-	-	0	0	0	0	33.61577	Reg6	2	-	-	-
Chloro-3-methylphenol[4-]	SW-846:8270	ug/L	29	0	0	10	10.5207	11.6	29	100	-	-	0	0	0	0	-	-	6	-	-	-
Chloro-3-methylphenol[4-]	SW-846:8270C	ug/L	104	0	0	9.6	10.749	22.7	104	100	-	-	0	0	0	0	-	-	11	-	-	-
Chloroaniline[4-]	SW-846:8270	ug/L	30	0	0	10	10.5233	11.6	30	100	-	-	0	0	0	0	146	Reg6	6	-	-	-
Chloroaniline[4-]	SW-846:8270C	ug/L	105	0	0	9.6	10.7381	22.7	105	100	-	-	0	0	0	0	146	Reg6	11	-	-	-
Chloronaphthalene[2-]	SW-846:8270	ug/L	29	0	0	1	1.04138	1.2	29	100	-	-	0	0	0	0	486.6667	Reg6	6	-	-	-
Chloronaphthalene[2-]	SW-846:8270C	ug/L	102	0	0	0.96	1.07265	2.27	102	100	-	-	0	0	0	0	486.6667	Reg6	11	-	-	-
Chlorophenol[2-]	SW-846:8270	ug/L	30	0	0	10	10.5233	11.6	30	100	-	-	0	0	0	0	30.41667	Reg6	6	-	-	-
Chlorophenol[2-]	SW-846:8270C	ug/L	104	0	0	9.6	10.749	22.7	104	100	-	-	0	0	0	0	30.41667	Reg6	11	-	-	-
Chlorophenyl-phenyl[4-] Ether	SW-846:8270	ug/L	30	0	0	10	10.5233	11.6	30	100	-	-	0	0	0	0	-	-	6	-	-	-
Chlorophenyl-phenyl[4-] Ether	SW-846:8270C	ug/L	106	0	0	9.6	10.7415	22.7	106	100	-	-	0	0	0	0	-	-	11	-	-	-
Chrysene	SW-846:8270	ug/L	30	0	0	1	1.04333	1.2	30	100	-	-	30	0	0	0	0.2	MCL	6	-	-	-
Chrysene	SW-846:8270C	ug/L	104	1	1	0.38	0.38	0.38	103	99	-	-	103	1	1	1	0.2	MCL	11	1	1	R-14
Dibenz(a,h)anthracene	SW-846:8270	ug/L	30	0	0	1	1.04333	1.2	30	100	-	-	30	0	0	0	0.02949853	Reg6	6	-	-	-
Dibenz(a,h)anthracene	SW-846:8270C	ug/L	106	0	0	0.96	1.0717	2.27	106	100	-	-	106	0	0	0	0.02949853	Reg6	11	-	-	-
Dibenzofuran	SW-846:8270	ug/L	30	0	0	10	10.5233	11.6	30	100	-	-	0	0	0	0	12.16667	Reg6	6	-	-	-
Dibenzofuran	SW-846:8270C	ug/L	106	0	0	9.6	10.7415	22.7	106	100	-	-	5	0	0	0	12.16667	Reg6	11	-	-	-
Dichlorobenzene[1,2-]	SW-846:8270	ug/L	30	0	0	10	10.5233	11.6	30	100	-	-	0	0	0	0	600	MCL	6	-	-	-
Dichlorobenzene[1,2-]	SW-846:8270C	ug/L	106	0	0	9.6	10.7415	22.7	106	100	-	-	0	0	0	0	600	MCL	11	-	-	-

Table B-3
Screening Table for Mortandad Canyon Watershed

Analyte	Method	Units	No. of Analyses	No. of Detects	D Rate %	Min	Mean	Max	No. of Non-detects	ND Rate %	BV	D> BV	ND> Std	D> Std	D> Std/2	D>Std/2 Rate %	Level	Std Type	Locations with Data (number)	D>Std (number of locations)	D>Std/2 (number of locations)	D>Std Stations
Dichlorobenzene[1,3-]	SW-846:8270	ug/L	30	0	0	10	10.5233	11.6	30	100	-	-	0	0	0	0	600	MCL	6	-	-	-
Dichlorobenzene[1,3-]	SW-846:8270C	ug/L	106	0	0	9.6	10.7415	22.7	106	100	-	-	0	0	0	0	600	MCL	11	-	-	-
Dichlorobenzene[1,4-]	SW-846:8270	ug/L	30	0	0	10	10.5233	11.6	30	100	-	-	0	0	0	0	75	MCL	6	-	-	-
Dichlorobenzene[1,4-]	SW-846:8270C	ug/L	106	0	0	9.6	10.7415	22.7	106	100	-	-	0	0	0	0	75	MCL	11	-	-	-
Dichlorobenzidine[3,3'-]	SW-846:8270	ug/L	30	0	0	10	10.5233	11.6	30	100	-	-	30	0	0	0	1.494034	Reg6	6	-	-	-
Dichlorobenzidine[3,3'-]	SW-846:8270C	ug/L	100	0	0	9.6	10.748	22.7	100	100	-	-	100	0	0	0	1.494034	Reg6	11	-	-	-
Dichlorophenol[2,4-]	SW-846:8270	ug/L	30	0	0	10	10.5233	11.6	30	100	-	-	0	0	0	0	109.5	Reg6	6	-	-	-
Dichlorophenol[2,4-]	SW-846:8270C	ug/L	101	0	0	9.6	10.7703	22.7	101	100	-	-	0	0	0	0	109.5	Reg6	11	-	-	-
Diethylphthalate	SW-846:8270	ug/L	30	0	0	10	10.5233	11.6	30	100	-	-	0	0	0	0	29200	Reg6	6	-	-	-
Diethylphthalate	SW-846:8270C	ug/L	106	1	1	7.44	7.44	7.44	105	99	-	-	0	0	0	0	29200	Reg6	11	-	-	-
Dimethyl Phthalate	SW-846:8270	ug/L	30	0	0	10	10.5233	11.6	30	100	-	-	0	0	0	0	365000	Reg6	6	-	-	-
Dimethyl Phthalate	SW-846:8270C	ug/L	106	0	0	9.6	10.7415	22.7	106	100	-	-	0	0	0	0	365000	Reg6	11	-	-	-
Dimethylphenol[2,4-]	SW-846:8270	ug/L	29	0	0	10	10.5207	11.6	29	100	-	-	0	0	0	0	730	Reg6	6	-	-	-
Dimethylphenol[2,4-]	SW-846:8270C	ug/L	100	0	0	9.6	10.76	22.7	100	100	-	-	0	0	0	0	730	Reg6	11	-	-	-
Di-n-butylphthalate	SW-846:8270	ug/L	30	0	0	10	10.5233	11.6	30	100	-	-	0	0	0	0	3650	Reg6	6	-	-	-
Di-n-butylphthalate	SW-846:8270C	ug/L	102	0	0	9.6	10.752	22.7	102	100	-	-	0	0	0	0	3650	Reg6	11	-	-	-
Dinitro-2-methylphenol[4,6-]	SW-846:8270	ug/L	29	0	0	10	10.5207	11.6	29	100	-	-	0	0	0	0	-	-	6	-	-	-
Dinitro-2-methylphenol[4,6-]	SW-846:8270C	ug/L	104	0	0	9.6	10.749	22.7	104	100	-	-	0	0	0	0	-	-	11	-	-	-
Dinitrophenol[2,4-]	SW-846:8270	ug/L	30	0	0	20	21.0467	23.2	30	100	-	-	0	0	0	0	73	Reg6	6	-	-	-
Dinitrophenol[2,4-]	SW-846:8270C	ug/L	101	0	0	19.2	21.5515	45.5	101	100	-	-	0	0	0	0	73	Reg6	11	-	-	-
Dinitrotoluene[2,4-]	SW-846:8270	ug/L	30	0	0	10	10.5233	11.6	30	100	-	-	0	0	0	0	73	Reg6	6	-	-	-
Dinitrotoluene[2,4-]	SW-846:8270C	ug/L	106	0	0	9.6	10.7415	22.7	106	100	-	-	0	0	0	0	73	Reg6	11	-	-	-
Dinitrotoluene[2,6-]	SW-846:8270	ug/L	30	0	0	10	10.5233	11.6	30	100	-	-	0	0	0	0	36.5	Reg6	6	-	-	-
Dinitrotoluene[2,6-]	SW-846:8270C	ug/L	106	0	0	9.6	10.7415	22.7	106	100	-	-	0	0	0	0	36.5	Reg6	11	-	-	-
Di-n-octylphthalate	SW-846:8270	ug/L	30	0	0	3.3	10.2967	11.6	30	100	-	-	0	0	0	0	-	-	6	-	-	-
Di-n-octylphthalate	SW-846:8270C	ug/L	106	0	0	9.6	10.7415	22.7	106	100	-	-	0	0	0	0	-	-	11	-	-	-
Dinoseb	SW-846:8270C	ug/L	90	0	0	10	10.82	22.7	90	100	-	-	0	0	0	0	-	-	11	-	-	-
Dioxane[1,4-]	SW-846:8270C	ug/L	63	0	0	10	10.8254	22.7	63	100	-	-	0	0	0	0	61.11958	Reg6	11	-	-	-
Diphenylamine	SW-846:8270	ug/L	29	0	0	10	10.5207	11.6	29	100	-	-	0	0	0	0	912.5	Reg6	6	-	-	-
Diphenylamine	SW-846:8270C	ug/L	102	0	0	9.6	10.7647	22.7	102	100	-	-	0	0	0	0	912.5	Reg6	11	-	-	-
Fluoranthene	SW-846:8270	ug/L	30	0	0	1	1.04333	1.2	30	100	-	-	0	0	0	0	1460	Reg6	6	-	-	-
Fluoranthene	SW-846:8270C	ug/L	102	1	1	0.33	0.33	0.33	101	99	-	-	0	0	0	0	1460	Reg6	11	-	-	-
Fluorene	SW-846:8270	ug/L	30	0	0	1	1.04333	1.2	30	100	-	-	0	0	0	0	243.3333	Reg6	6	-	-	-
Fluorene	SW-846:8270C	ug/L	100	1	1	0.3	0.3	0.3	99	99	-	-	0	0	0	0	243.3333	Reg6	11	-	-	-
Hexachlorobenzene	SW-846:8270	ug/L	30	0	0	10	10.5233	11.6	30	100	-	-	30	0	0	0	1	MCL	6	-	-	-
Hexachlorobenzene	SW-846:8270C	ug/L	106	0	0	9.6	10.7415	22.7	106	100	-	-	106	0	0	0	1	MCL	11	-	-	-
Hexachlorobutadiene	SW-846:8270	ug/L	30	0	0	10	10.5233	11.6	30	100	-	-	30	0	0	0	8.619427	Reg6	6	-	-	-
Hexachlorobutadiene	SW-846:8270C	ug/L	106	0	0	9.6	10.7415	22.7	106	100	-	-	106	0	0	0	8.619427	Reg6	11	-	-	-
Hexachlorocyclopentadiene	SW-846:8270	ug/L	30	0	0	10	10.5233	11.6	30	100	-	-	0	0	0	0	50	MCL	6	-	-	-
Hexachlorocyclopentadiene	SW-846:8270C	ug/L	106	0	0	9.6	10.7415	22.7	106	100	-	-	0	0	0	0	50	MCL	11	-	-	-
Hexachloroethane	SW-846:8270	ug/L	30	0	0	10	10.5233	11.6	30	100	-	-	0	0	0	0	48.02252	Reg6	6	-	-	-
Hexachloroethane	SW-846:8270C	ug/L	106	0	0	9.6	10.7415	22.7	106	100	-	-	0	0	0	0	48.02252	Reg6	11	-	-	-
Indeno(1,2,3-cd)pyrene	SW-846:8270	ug/L	30	0	0	1	1.04333	1.2	30	100	-	-	30	0	0	0	0.2949853	Reg6	6	-	-	-
Indeno(1,2,3-cd)pyrene	SW-846:8270C	ug/L	106	0	0	0.96	1.0717	2.27	106	100	-	-	106	0	0	0	0.2949853	Reg6	11	-	-	-
Isophorone	SW-846:8270	ug/L	30	0	0	10	10.5233	11.6	30	100	-	-	0	0	0	0	707.7004	Reg6	6	-	-	-
Isophorone	SW-846:8270C	ug/L	106	0	0	9.6	10.7415	22.7	106	100	-	-	0	0	0	0	707.7004	Reg6	11	-	-	-
Methylnaphthalene[1-]	SW-846:8270C	ug/L	81	0	0	0.99	1.08037	2.27	81	100	-	-	0	0	0	0	-	-	11	-	-	-
Methylnaphthalene[2-]	SW-846:8270	ug/L	30	0	0	1	1.04333	1.2	30	100	-	-	0	0	0	0	-	-	6	-	-	-
Methylnaphthalene[2-]	SW-846:8270C	ug/L	98	0	0	0.96	1.07316	2.27	98	100	-	-	0	0	0	0	-	-	11	-	-	-
Methylphenol[2-]	SW-846:8270	ug/L	30	0	0	10	10.5233	11.6	30	100	-	-	0	0	0	0	1825	Reg6	6	-	-	-
Methylphenol[2-]	SW-846:8270C	ug/L	104	0	0	9.6	10.749	22.7	104	100	-	-	0	0	0	0	1825	Reg6	11	-	-	-
Methylphenol[3-,4-]	SW-846:8270C	ug/L	88	0	0	10	10.8318	22.7	88	100	-	-	0	0	0	0	-	-	11	-	-	-
Methylphenol[4-]	SW-846:8270	ug/L	30	0	0	10	10.5233	11.6	30	100	-	-	0	0	0	0	182.5	Reg6	6	-	-	-
Methylphenol[4-]	SW-846:8270C	ug/L	16	0	0	9.6	10.2938	11.3	16	100	-	-	0	0	0	0	182.5	Reg6	8	-	-	-
Methylpyridine[2-]	SW-846:8270	ug/L	4	0	0	10	10.2	10.4	4	100	-	-	0	0	0	0	-	-	3	-	-	-
Naphthalene	SW-846:8270	ug/L	30	0	0	1	1.04333	1.2	30	100	-	-	0	0	0	0	30	NMGSU	6	-	-	-
Naphthalene	SW-846:8270C	ug/L	99	0	0	0.96	1.07354	2.27	99	100	-	-	0	0	0	0	30	NMGSU	11	-	-	-
Nitroaniline[2-]	SW-846:8270	ug/L	29	1	3	5.3	5.3	5.3	28	97	-	-	0	0	0	0	109.5	Reg6	6	-	-	-

Table B-3
Screening Table for Mortandad Canyon Watershed

Analyte	Method	Units	No. of Analyses	No. of Detects	D Rate %	Min	Mean	Max	No. of Non-detects	ND Rate %	BV	D> BV	ND> Std	D> Std	D> Std/2	D>Std/2 Rate %	Level	Std Type	Locations with Data (number)	D>Std (number of locations)	D>Std/2 (number of locations)	D>Std Stations
Nitroaniline[2-]	SW-846:8270C	ug/L	105	0	0	*9.6*	*10.7381*	*22.7*	105	100	-	-	0	0	0	0	109.5	Reg6	11	-	-	-
Nitroaniline[3-]	SW-846:8270	ug/L	29	2	7	4.1	4.25	4.4	27	93	-	-	0	0	0	0	-	-	6	-	-	-
Nitroaniline[3-]	SW-846:8270C	ug/L	105	0	0	*9.6*	*10.7381*	*22.7*	105	100	-	-	0	0	0	0	-	-	11	-	-	-
Nitroaniline[4-]	SW-846:8270	ug/L	29	0	0	*10*	*10.5207*	*11.6*	29	100	-	-	0	0	0	0	-	-	6	-	-	-
Nitroaniline[4-]	SW-846:8270C	ug/L	103	0	0	*9.6*	*10.7408*	*22.7*	103	100	-	-	0	0	0	0	-	-	11	-	-	-
Nitrobenzene	SW-846:8270	ug/L	29	0	0	*10*	*10.5207*	*11.6*	29	100	-	-	29	0	0	0	3.395349	Reg6	6	-	-	-
Nitrobenzene	SW-846:8270C	ug/L	106	0	0	*9.6*	*10.7415*	*22.7*	106	100	-	-	106	0	0	0	3.395349	Reg6	11	-	-	-
Nitrophenol[2-]	SW-846:8270	ug/L	29	0	0	*10*	*10.5207*	*11.6*	29	100	-	-	0	0	0	0	-	-	6	-	-	-
Nitrophenol[2-]	SW-846:8270C	ug/L	98	0	0	*9.6*	*10.7806*	*22.7*	98	100	-	-	0	0	0	0	-	-	11	-	-	-
Nitrophenol[4-]	SW-846:8270	ug/L	30	0	0	*10*	*10.5233*	*11.6*	30	100	-	-	0	0	0	0	292	Reg6	6	-	-	-
Nitrophenol[4-]	SW-846:8270C	ug/L	104	0	0	*9.6*	*10.749*	*22.7*	104	100	-	-	0	0	0	0	292	Reg6	11	-	-	-
Nitrosodiethylamine[N-]	SW-846:8270C	ug/L	90	0	0	*9.9*	*10.7167*	*22.7*	90	100	-	-	90	0	0	0	0.001435595	Reg6	11	-	-	-
Nitrosodimethylamine[N-]	SW-846:8270	ug/L	30	0	0	*10*	*10.5233*	*11.6*	30	100	-	-	30	0	0	0	0.004222338	Reg6	6	-	-	-
Nitrosodimethylamine[N-]	SW-846:8270C	ug/L	102	0	0	*9.9*	*10.6784*	*22.7*	102	100	-	-	102	0	0	0	0.004222338	Reg6	11	-	-	-
Nitroso-di-n-butylamine[N-]	SW-846:8270C	ug/L	86	0	0	*9.9*	*10.7279*	*22.7*	86	100	-	-	86	0	0	0	0.1226854	Reg6	11	-	-	-
Nitroso-di-n-propylamine[N-]	SW-846:8270	ug/L	30	0	0	*10*	*10.5233*	*11.6*	30	100	-	-	30	0	0	0	0.09604505	Reg6	6	-	-	-
Nitroso-di-n-propylamine[N-]	SW-846:8270C	ug/L	101	0	0	*9.6*	*10.7733*	*22.7*	101	100	-	-	101	0	0	0	0.09604505	Reg6	11	-	-	-
Nitrosodiphenylamine[N-]	SW-846:8270C	ug/L	4	0	0	*10*	*10.15*	*10.4*	4	100	-	-	0	0	0	0	137.2072	Reg6	1	-	-	-
Nitrosopyrrolidine[N-]	SW-846:8270C	ug/L	90	0	0	*9.9*	*10.7167*	*22.7*	90	100	-	-	90	0	0	0	0.3201502	Reg6	11	-	-	-
Oxybis(1-chloropropane)[2,2'-]	SW-846:8270	ug/L	30	0	0	*10*	*10.5233*	*11.6*	30	100	-	-	30	0	0	0	9.536393	Reg6	6	-	-	-
Oxybis(1-chloropropane)[2,2'-]	SW-846:8270C	ug/L	104	0	0	*9.6*	*10.7442*	*22.7*	104	100	-	-	104	0	0	0	9.536393	Reg6	11	-	-	-
Pentachlorobenzene	SW-846:8270C	ug/L	86	0	0	*9.9*	*10.7279*	*22.7*	86	100	-	-	0	0	0	0	29.2	Reg6	11	-	-	-
Pentachlorophenol	SW-846:8270	ug/L	29	2	7	10	10.3	10.6	27	93	-	-	27	2	2	7	1	MCL	6	1	1	R-16
Pentachlorophenol	SW-846:8270C	ug/L	104	0	0	*9.6*	*10.749*	*22.7*	104	100	-	-	104	0	0	0	1	MCL	11	-	-	-
Phenanthrene	SW-846:8270	ug/L	29	0	0	*1*	*1.04138*	*1.2*	29	100	-	-	0	0	0	0	-	-	6	-	-	-
Phenanthrene	SW-846:8270C	ug/L	102	1	1	0.43	0.43	0.43	101	99	-	-	0	0	0	0	-	-	11	-	-	-
Phenol	SW-846:8270	ug/L	30	0	0	*10*	*10.5233*	*11.6*	30	100	-	-	30	0	0	0	5	NMGSU	6	-	-	-
Phenol	SW-846:8270C	ug/L	104	0	0	*9.6*	*10.749*	*22.7*	104	100	-	-	104	0	0	0	5	NMGSU	11	-	-	-
Pyrene	SW-846:8270	ug/L	30	0	0	*1*	*1.04333*	*1.2*	30	100	-	-	0	0	0	0	182.5	Reg6	6	-	-	-
Pyrene	SW-846:8270C	ug/L	104	1	1	0.36	0.36	0.36	103	99	-	-	0	0	0	0	182.5	Reg6	11	-	-	-
Pyridine	SW-846:8270	ug/L	4	0	0	*10*	*10.2*	*10.4*	4	100	-	-	0	0	0	0	36.5	Reg6	3	-	-	-
Pyridine	SW-846:8270C	ug/L	24	0	0	*10*	*11.15*	*22.7*	24	100	-	-	0	0	0	0	36.5	Reg6	11	-	-	-
Tetrachlorobenzene[1,2,4,5]	SW-846:8270C	ug/L	90	0	0	*9.9*	*10.7167*	*22.7*	90	100	-	-	90	0	0	0	0.00003	MCL	11	-	-	-
Tetrachlorophenol[2,3,4,6-]	SW-846:8270C	ug/L	88	0	0	*10*	*10.725*	*22.7*	88	100	-	-	88	0	0	0	5	MCL	11	-	-	-
Trichlorobenzene[1,2,4-]	SW-846:8270	ug/L	30	0	0	*10*	*10.5233*	*11.6*	30	100	-	-	0	0	0	0	70	MCL	6	-	-	-
Trichlorobenzene[1,2,4-]	SW-846:8270C	ug/L	106	0	0	*9.6*	*10.7415*	*22.7*	106	100	-	-	0	0	0	0	70	MCL	11	-	-	-
Trichlorophenol[2,4,5-]	SW-846:8270	ug/L	30	0	0	*10*	*10.5233*	*11.6*	30	100	-	-	0	0	0	0	3650	Reg6	6	-	-	-
Trichlorophenol[2,4,5-]	SW-846:8270C	ug/L	101	0	0	*9.6*	*10.7703*	*22.7*	101	100	-	-	0	0	0	0	3650	Reg6	11	-	-	-
Trichlorophenol[2,4,6-]	SW-846:8270	ug/L	29	0	0	*10*	*10.5207*	*11.6*	29	100	-	-	0	0	0	0	61.11958	Reg6	6	-	-	-
Trichlorophenol[2,4,6-]	SW-846:8270C	ug/L	101	0	0	*9.6*	*10.7703*	*22.7*	101	100	-	-	0	0	0	0	61.11958	Reg6	11	-	-	-
Mortandad, VOA, UF, Ephemeral																						
Acetone	EPA:624	ug/L	14	9	64	2	18.9222	76	5	36	-	-	0	0	0	0	-	-	9	-	-	-
Acetone	SW-846:8260B	ug/L	38	11	29	1.66	3.13818	5.69	27	71	-	-	0	0	0	0	-	-	9	-	-	-
Acetonitrile	EPA:624	ug/L	5	0	0	*25*	*25*	*25*	5	100	-	-	0	0	0	0	-	-	5	-	-	-
Acetonitrile	SW-846:8260B	ug/L	38	0	0	*25*	*25*	*25*	38	100	-	-	0	0	0	0	-	-	9	-	-	-
Acrolein	EPA:624	ug/L	14	0	0	*5*	*5*	*5*	14	100	-	-	0	0	0	0	-	-	9	-	-	-
Acrolein	SW-846:8260B	ug/L	36	0	0	*5*	*5*	*5*	36	100	-	-	0	0	0	0	-	-	9	-	-	-
Acrylonitrile	EPA:624	ug/L	14	0	0	*5*	*5*	*5*	14	100	-	-	0	0	0	0	-	-	9	-	-	-
Acrylonitrile	SW-846:8260B	ug/L	38	0	0	*5*	*5*	*5*	38	100	-	-	0	0	0	0	-	-	9	-	-	-
Benzene	EPA:624	ug/L	14	0	0	*1*	*1*	*1*	14	100	-	-	0	0	0	0	-	-	9	-	-	-
Benzene	SW-846:8260B	ug/L	38	0	0	*1*	*1*	*1*	38	100	-	-	0	0	0	0	-	-	9	-	-	-
Bromobenzene	EPA:624	ug/L	14	0	0	*1*	*1*	*1*	14	100	-	-	0	0	0	0	-	-	9	-	-	-
Bromobenzene	SW-846:8260B	ug/L	38	0	0	*1*	*1*	*1*	38	100	-	-	0	0	0	0	-	-	9	-	-	-
Bromochloromethane	EPA:624	ug/L	14	0	0	*1*	*1*	*1*	14	100	-	-	0	0	0	0	-	-	9	-	-	-
Bromochloromethane	SW-846:8260B	ug/L	38	0	0	*1*	*1*	*1*	38	100	-	-	0	0	0	0	-	-	9	-	-	-
Bromodichloromethane	EPA:624	ug/L	14	0	0	*1*	*1*	*1*	14	100	-	-	0	0	0	0	-	-	9	-	-	-
Bromodichloromethane	SW-846:8260B	ug/L	38	0	0	*1*	*1*	*1*	38	100	-	-	0	0	0	0	-	-	9	-	-	-
Bromoform	EPA:624	ug/L	14	0	0	*1*	*1*	*1*	14	100	-	-	0	0	0	0	-	-	9	-	-	-

Table B-3
Screening Table for Mortandad Canyon Watershed

Analyte	Method	Units	No. of Analyses	No. of Detects	D Rate %	Min	Mean	Max	No. of Non-detects	ND Rate %	BV	D> BV	ND> Std	D> Std	D> Std/2	D>Std/2 Rate %	Level	Std Type	Locations with Data (number)	D>Std (number of locations)	D>Std/2 (number of locations)	D>Std Stations
Bromoform	SW-846:8260B	ug/L	38	0	0	*1*	*1*	*1*	38	100	-	-	0	0	0	0	-	-	9	-	-	-
Bromomethane	EPA:624	ug/L	14	0	0	*1*	*1*	*1*	14	100	-	-	0	0	0	0	-	-	9	-	-	-
Bromomethane	SW-846:8260B	ug/L	38	0	0	*1*	*1*	*1*	38	100	-	-	0	0	0	0	-	-	9	-	-	-
Butanol[1-]	SW-846:8260B	ug/L	3	0	0	*50*	*50*	*50*	3	100	-	-	0	0	0	0	-	-	2	-	-	-
Butanone[2-]	EPA:624	ug/L	14	0	0	*5*	*5*	*5*	14	100	-	-	0	0	0	0	-	-	9	-	-	-
Butanone[2-]	SW-846:8260B	ug/L	38	3	8	1.49	2.08333	2.42	35	92	-	-	0	0	0	0	-	-	9	-	-	-
Butylbenzene[n-]	EPA:624	ug/L	14	0	0	*1*	*1*	*1*	14	100	-	-	0	0	0	0	-	-	9	-	-	-
Butylbenzene[n-]	SW-846:8260B	ug/L	38	0	0	*1*	*1*	*1*	38	100	-	-	0	0	0	0	-	-	9	-	-	-
Butylbenzene[sec-]	EPA:624	ug/L	14	0	0	*1*	*1*	*1*	14	100	-	-	0	0	0	0	-	-	9	-	-	-
Butylbenzene[sec-]	SW-846:8260B	ug/L	38	0	0	*1*	*1*	*1*	38	100	-	-	0	0	0	0	-	-	9	-	-	-
Butylbenzene[tert-]	EPA:624	ug/L	14	0	0	*1*	*1*	*1*	14	100	-	-	0	0	0	0	-	-	9	-	-	-
Butylbenzene[tert-]	SW-846:8260B	ug/L	38	0	0	*1*	*1*	*1*	38	100	-	-	0	0	0	0	-	-	9	-	-	-
Carbon Disulfide	EPA:624	ug/L	14	0	0	*5*	*5*	*5*	14	100	-	-	0	0	0	0	-	-	9	-	-	-
Carbon Disulfide	SW-846:8260B	ug/L	38	0	0	*5*	*5*	*5*	38	100	-	-	0	0	0	0	-	-	9	-	-	-
Carbon Tetrachloride	EPA:624	ug/L	14	0	0	*1*	*1*	*1*	14	100	-	-	0	0	0	0	-	-	9	-	-	-
Carbon Tetrachloride	SW-846:8260B	ug/L	38	0	0	*1*	*1*	*1*	38	100	-	-	0	0	0	0	-	-	9	-	-	-
Chloro-1,3-butadiene[2-]	EPA:624	ug/L	5	0	0	*1*	*1*	*1*	5	100	-	-	0	0	0	0	-	-	5	-	-	-
Chloro-1,3-butadiene[2-]	SW-846:8260B	ug/L	38	0	0	*1*	*1*	*1*	38	100	-	-	0	0	0	0	-	-	9	-	-	-
Chloro-1-propene[3-]	EPA:624	ug/L	5	0	0	*5*	*5*	*5*	5	100	-	-	0	0	0	0	-	-	5	-	-	-
Chloro-1-propene[3-]	SW-846:8260B	ug/L	33	0	0	*5*	*5*	*5*	33	100	-	-	0	0	0	0	-	-	9	-	-	-
Chlorobenzene	EPA:624	ug/L	14	0	0	*1*	*1*	*1*	14	100	-	-	0	0	0	0	-	-	9	-	-	-
Chlorobenzene	SW-846:8260B	ug/L	38	0	0	*1*	*1*	*1*	38	100	-	-	0	0	0	0	-	-	9	-	-	-
Chlorodibromomethane	EPA:624	ug/L	14	0	0	*1*	*1*	*1*	14	100	-	-	0	0	0	0	-	-	9	-	-	-
Chlorodibromomethane	SW-846:8260B	ug/L	38	0	0	*1*	*1*	*1*	38	100	-	-	0	0	0	0	-	-	9	-	-	-
Chloroethane	EPA:624	ug/L	14	0	0	*1*	*1*	*1*	14	100	-	-	0	0	0	0	-	-	9	-	-	-
Chloroethane	SW-846:8260B	ug/L	36	0	0	*1*	*1*	*1*	36	100	-	-	0	0	0	0	-	-	9	-	-	-
Chloroethyl vinyl ether[2-]	EPA:624	ug/L	2	0	0	*5*	*5*	*5*	2	100	-	-	0	0	0	0	-	-	1	-	-	-
Chloroform	EPA:624	ug/L	14	1	7	0.39	0.39	0.39	13	93	-	-	0	0	0	0	-	-	9	-	-	-
Chloroform	SW-846:8260B	ug/L	38	0	0	*1*	*1*	*1*	38	100	-	-	0	0	0	0	-	-	9	-	-	-
Chloromethane	EPA:624	ug/L	14	0	0	*1*	*1*	*1*	14	100	-	-	0	0	0	0	-	-	9	-	-	-
Chloromethane	SW-846:8260B	ug/L	38	0	0	*1*	*1*	*1*	38	100	-	-	0	0	0	0	-	-	9	-	-	-
Chlorotoluene[2-]	EPA:624	ug/L	14	0	0	*1*	*1*	*1*	14	100	-	-	0	0	0	0	-	-	9	-	-	-
Chlorotoluene[2-]	SW-846:8260B	ug/L	33	0	0	*1*	*1*	*1*	33	100	-	-	0	0	0	0	-	-	9	-	-	-
Chlorotoluene[4-]	EPA:624	ug/L	14	0	0	*1*	*1*	*1*	14	100	-	-	0	0	0	0	-	-	9	-	-	-
Chlorotoluene[4-]	SW-846:8260B	ug/L	38	0	0	*1*	*1*	*1*	38	100	-	-	0	0	0	0	-	-	9	-	-	-
Dibromo-3-Chloropropane[1,2-]	EPA:624	ug/L	14	0	0	*1*	*1*	*1*	14	100	-	-	0	0	0	0	-	-	9	-	-	-
Dibromo-3-Chloropropane[1,2-]	SW-846:8260B	ug/L	38	0	0	*1*	*1*	*1*	38	100	-	-	0	0	0	0	-	-	9	-	-	-
Dibromoethane[1,2-]	EPA:624	ug/L	14	0	0	*1*	*1*	*1*	14	100	-	-	0	0	0	0	-	-	9	-	-	-
Dibromoethane[1,2-]	SW-846:8260B	ug/L	38	0	0	*1*	*1*	*1*	38	100	-	-	0	0	0	0	-	-	9	-	-	-
Dibromomethane	EPA:624	ug/L	14	0	0	*1*	*1*	*1*	14	100	-	-	0	0	0	0	-	-	9	-	-	-
Dibromomethane	SW-846:8260B	ug/L	38	0	0	*1*	*1*	*1*	38	100	-	-	0	0	0	0	-	-	9	-	-	-
Dichlorobenzene[1,2-]	EPA:624	ug/L	14	0	0	*1*	*1*	*1*	14	100	-	-	0	0	0	0	-	-	9	-	-	-
Dichlorobenzene[1,2-]	SW-846:8260B	ug/L	33	0	0	*1*	*1*	*1*	33	100	-	-	0	0	0	0	-	-	9	-	-	-
Dichlorobenzene[1,3-]	EPA:624	ug/L	14	0	0	*1*	*1*	*1*	14	100	-	-	0	0	0	0	-	-	9	-	-	-
Dichlorobenzene[1,3-]	SW-846:8260B	ug/L	33	0	0	*1*	*1*	*1*	33	100	-	-	0	0	0	0	-	-	9	-	-	-
Dichlorobenzene[1,4-]	EPA:624	ug/L	14	0	0	*1*	*1*	*1*	14	100	-	-	0	0	0	0	-	-	9	-	-	-
Dichlorobenzene[1,4-]	SW-846:8260B	ug/L	33	0	0	*1*	*1*	*1*	33	100	-	-	0	0	0	0	-	-	9	-	-	-
Dichlorodifluoromethane	EPA:624	ug/L	14	0	0	*1*	*1*	*1*	14	100	-	-	0	0	0	0	-	-	9	-	-	-
Dichlorodifluoromethane	SW-846:8260B	ug/L	38	0	0	*1*	*1*	*1*	38	100	-	-	0	0	0	0	-	-	9	-	-	-
Dichloroethane[1,1-]	EPA:624	ug/L	14	0	0	*1*	*1*	*1*	14	100	-	-	0	0	0	0	-	-	9	-	-	-
Dichloroethane[1,1-]	SW-846:8260B	ug/L	38	0	0	*1*	*1*	*1*	38	100	-	-	0	0	0	0	-	-	9	-	-	-
Dichloroethane[1,2-]	EPA:624	ug/L	14	0	0	*1*	*1*	*1*	14	100	-	-	0	0	0	0	-	-	9	-	-	-
Dichloroethane[1,2-]	SW-846:8260B	ug/L	38	0	0	*1*	*1*	*1*	38	100	-	-	0	0	0	0	-	-	9	-	-	-
Dichloroethene[1,1-]	EPA:624	ug/L	14	0	0	*1*	*1*	*1*	14	100	-	-	0	0	0	0	-	-	9	-	-	-
Dichloroethene[1,1-]	SW-846:8260B	ug/L	38	0	0	*1*	*1*	*1*	38	100	-	-	0	0	0	0	-	-	9	-	-	-
Dichloroethene[cis/trans-1,2-]	EPA:624	ug/L	5	0	0	*1*	*1*	*1*	5	100	-	-	0	0	0	0	-	-	5	-	-	-
Dichloroethene[cis-1,2-]	EPA:624	ug/L	5	0	0	*1*	*1*	*1*	5	100	-	-	0	0	0	0	-	-	5	-	-	-
Dichloroethene[cis-1,2-]	SW-846:8260B	ug/L	38	0	0	*1*	*1*	*1*	38	100	-	-	0	0	0	0	-	-	9	-	-	-

Table B-3
Screening Table for Mortandad Canyon Watershed

Analyte	Method	Units	No. of Analyses	No. of Detects	D Rate %	Min	Mean	Max	No. of Non-detects	ND Rate %	BV	D> BV	ND> Std	D> Std	D> Std/2	D>Std/2 Rate %	Level	Std Type	Locations with Data (number)	D>Std (number of locations)	D>Std/2 (number of locations)	D>Std Stations
Dichloroethene[trans-1,2-]	EPA:624	ug/L	14	0	0	*1*	*1*	*1*	14	100	-	-	0	0	0	0	-	-	9	-	-	-
Dichloroethene[trans-1,2-]	SW-846:8260B	ug/L	38	0	0	*1*	*1*	*1*	38	100	-	-	0	0	0	0	-	-	9	-	-	-
Dichloropropane[1,2-]	EPA:624	ug/L	14	0	0	*1*	*1*	*1*	14	100	-	-	0	0	0	0	-	-	9	-	-	-
Dichloropropane[1,2-]	SW-846:8260B	ug/L	38	0	0	*1*	*1*	*1*	38	100	-	-	0	0	0	0	-	-	9	-	-	-
Dichloropropane[1,3-]	EPA:624	ug/L	14	0	0	*1*	*1*	*1*	14	100	-	-	0	0	0	0	-	-	9	-	-	-
Dichloropropane[1,3-]	SW-846:8260B	ug/L	38	0	0	*1*	*1*	*1*	38	100	-	-	0	0	0	0	-	-	9	-	-	-
Dichloropropane[2,2-]	EPA:624	ug/L	14	0	0	*1*	*1*	*1*	14	100	-	-	0	0	0	0	-	-	9	-	-	-
Dichloropropane[2,2-]	SW-846:8260B	ug/L	38	0	0	*1*	*1*	*1*	38	100	-	-	0	0	0	0	-	-	9	-	-	-
Dichloropropene[1,1-]	EPA:624	ug/L	14	0	0	*1*	*1*	*1*	14	100	-	-	0	0	0	0	-	-	9	-	-	-
Dichloropropene[1,1-]	SW-846:8260B	ug/L	38	0	0	*1*	*1*	*1*	38	100	-	-	0	0	0	0	-	-	9	-	-	-
Dichloropropene[cis-1,3-]	EPA:624	ug/L	14	0	0	*1*	*1*	*1*	14	100	-	-	0	0	0	0	-	-	9	-	-	-
Dichloropropene[cis-1,3-]	SW-846:8260B	ug/L	38	0	0	*1*	*1*	*1*	38	100	-	-	0	0	0	0	-	-	9	-	-	-
Dichloropropene[trans-1,3-]	EPA:624	ug/L	14	0	0	*1*	*1*	*1*	14	100	-	-	0	0	0	0	-	-	9	-	-	-
Dichloropropene[trans-1,3-]	SW-846:8260B	ug/L	38	0	0	*1*	*1*	*1*	38	100	-	-	0	0	0	0	-	-	9	-	-	-
Diethyl Ether	SW-846:8260B	ug/L	3	1	33	0.353	0.353	0.353	2	67	-	-	0	0	0	0	-	-	2	-	-	-
Dioxane[1,4-]	EPA:624	ug/L	2	0	0	*50*	*50*	*50*	2	100	-	-	0	0	0	0	-	-	2	-	-	-
Dioxane[1,4-]	SW-846:8260B	ug/L	2	0	0	*50*	*50*	*50*	2	100	-	-	0	0	0	0	-	-	1	-	-	-
Ethyl Methacrylate	EPA:624	ug/L	5	0	0	*5*	*5*	*5*	5	100	-	-	0	0	0	0	-	-	5	-	-	-
Ethyl Methacrylate	SW-846:8260B	ug/L	38	0	0	*5*	*5*	*5*	38	100	-	-	0	0	0	0	-	-	9	-	-	-
Ethylbenzene	EPA:624	ug/L	14	0	0	*1*	*1*	*1*	14	100	-	-	0	0	0	0	-	-	9	-	-	-
Ethylbenzene	SW-846:8260B	ug/L	38	0	0	*1*	*1*	*1*	38	100	-	-	0	0	0	0	-	-	9	-	-	-
Hexachlorobutadiene	EPA:624	ug/L	14	0	0	*1*	*1*	*1*	14	100	-	-	0	0	0	0	-	-	9	-	-	-
Hexachlorobutadiene	SW-846:8260B	ug/L	33	0	0	*1*	*1*	*1*	33	100	-	-	0	0	0	0	-	-	9	-	-	-
Hexanone[2-]	EPA:624	ug/L	14	0	0	*5*	*5*	*5*	14	100	-	-	0	0	0	0	-	-	9	-	-	-
Hexanone[2-]	SW-846:8260B	ug/L	38	0	0	*5*	*5*	*5*	38	100	-	-	0	0	0	0	-	-	9	-	-	-
Iodomethane	EPA:624	ug/L	14	0	0	*5*	*5*	*5*	14	100	-	-	0	0	0	0	-	-	9	-	-	-
Iodomethane	SW-846:8260B	ug/L	38	0	0	*5*	*5*	*5*	38	100	-	-	0	0	0	0	-	-	9	-	-	-
Isobutyl alcohol	EPA:624	ug/L	5	0	0	*50*	*50*	*50*	5	100	-	-	0	0	0	0	-	-	5	-	-	-
Isobutyl alcohol	SW-846:8260B	ug/L	36	0	0	*50*	*50*	*50*	36	100	-	-	0	0	0	0	-	-	9	-	-	-
Isopropylbenzene	EPA:624	ug/L	14	0	0	*1*	*1*	*1*	14	100	-	-	0	0	0	0	-	-	9	-	-	-
Isopropylbenzene	SW-846:8260B	ug/L	38	0	0	*1*	*1*	*1*	38	100	-	-	0	0	0	0	-	-	9	-	-	-
Isopropyltoluene[4-]	EPA:624	ug/L	14	0	0	*1*	*1*	*1*	14	100	-	-	0	0	0	0	-	-	9	-	-	-
Isopropyltoluene[4-]	SW-846:8260B	ug/L	38	0	0	*1*	*1*	*1*	38	100	-	-	0	0	0	0	-	-	9	-	-	-
Methacrylonitrile	EPA:624	ug/L	5	0	0	*5*	*5*	*5*	5	100	-	-	0	0	0	0	-	-	5	-	-	-
Methacrylonitrile	SW-846:8260B	ug/L	38	0	0	*5*	*5*	*5*	38	100	-	-	0	0	0	0	-	-	9	-	-	-
Methyl Methacrylate	EPA:624	ug/L	5	0	0	*5*	*5*	*5*	5	100	-	-	0	0	0	0	-	-	5	-	-	-
Methyl Methacrylate	SW-846:8260B	ug/L	38	0	0	*5*	*5*	*5*	38	100	-	-	0	0	0	0	-	-	9	-	-	-
Methyl tert-Butyl Ether	SW-846:8260B	ug/L	3	0	0	*1*	*1*	*1*	3	100	-	-	0	0	0	0	-	-	2	-	-	-
Methyl-2-pentanone[4-]	EPA:624	ug/L	14	0	0	*5*	*5*	*5*	14	100	-	-	0	0	0	0	-	-	9	-	-	-
Methyl-2-pentanone[4-]	SW-846:8260B	ug/L	38	1	3	1.9	1.9	1.9	37	97	-	-	0	0	0	0	-	-	9	-	-	-
Methylene Chloride	EPA:624	ug/L	14	0	0	*2*	*4.57143*	*5*	14	100	-	-	0	0	0	0	-	-	9	-	-	-
Methylene Chloride	SW-846:8260B	ug/L	38	0	0	*5*	*5*	*5*	38	100	-	-	0	0	0	0	-	-	9	-	-	-
Naphthalene	EPA:624	ug/L	14	0	0	*0.52*	*0.93357*	*1*	14	100	-	-	0	0	0	0	-	-	9	-	-	-
Naphthalene	SW-846:8260B	ug/L	30	0	0	*0.25*	*0.9513*	*1*	30	100	-	-	0	0	0	0	-	-	9	-	-	-
Propionitrile	EPA:624	ug/L	5	0	0	*5*	*5*	*5*	5	100	-	-	0	0	0	0	-	-	5	-	-	-
Propionitrile	SW-846:8260B	ug/L	38	0	0	*5*	*5*	*5*	38	100	-	-	0	0	0	0	-	-	9	-	-	-
Propylbenzene[1-]	EPA:624	ug/L	14	0	0	*1*	*1*	*1*	14	100	-	-	0	0	0	0	-	-	9	-	-	-
Propylbenzene[1-]	SW-846:8260B	ug/L	38	0	0	*1*	*1*	*1*	38	100	-	-	0	0	0	0	-	-	9	-	-	-
Styrene	EPA:624	ug/L	14	0	0	*1*	*1*	*1*	14	100	-	-	0	0	0	0	-	-	9	-	-	-
Styrene	SW-846:8260B	ug/L	38	0	0	*1*	*1*	*1*	38	100	-	-	0	0	0	0	-	-	9	-	-	-
Tetrachloroethane[1,1,1,2-]	EPA:624	ug/L	14	0	0	*1*	*1*	*1*	14	100	-	-	0	0	0	0	-	-	9	-	-	-
Tetrachloroethane[1,1,1,2-]	SW-846:8260B	ug/L	38	0	0	*1*	*1*	*1*	38	100	-	-	0	0	0	0	-	-	9	-	-	-
Tetrachloroethane[1,1,2,2-]	EPA:624	ug/L	14	0	0	*1*	*1*	*1*	14	100	-	-	0	0	0	0	-	-	9	-	-	-
Tetrachloroethane[1,1,2,2-]	SW-846:8260B	ug/L	38	0	0	*1*	*1*	*1*	38	100	-	-	0	0	0	0	-	-	9	-	-	-
Tetrachloroethene	EPA:624	ug/L	14	0	0	*1*	*1*	*1*	14	100	-	-	0	0	0	0	33	HHEU	9	-	-	-
Tetrachloroethene	SW-846:8260B	ug/L	30	0	0	*1*	*1*	*1*	30	100	-	-	0	0	0	0	33	HHEU	9	-	-	-
Toluene	EPA:624	ug/L	14	0	0	*1*	*1*	*1*	14	100	-	-	0	0	0	0	-	-	9	-	-	-
Toluene	SW-846:8260B	ug/L	38	2	5	0.293	0.3105	0.328	36	95	-	-	0	0	0	0	-	-	9	-	-	-

Table B-3
Screening Table for Mortandad Canyon Watershed

Analyte	Method	Units	No. of Analyses	No. of Detects	D Rate %	Min	Mean	Max	No. of Non-detects	ND Rate %	BV	D> BV	ND> Std	D> Std	D> Std/2	D>Std/2 Rate %	Level	Std Type	Locations with Data (number)	D>Std (number of locations)	D>Std/2 (number of locations)	D>Std Stations
Trichloro-1,2,2-trifluoroethane[1,1,2-]	EPA:624	ug/L	9	0	0	*5*	*5*	*5*	9	100	-	-	0	0	0	0	-	-	5	-	-	-
Trichloro-1,2,2-trifluoroethane[1,1,2-]	SW-846:8260B	ug/L	38	0	0	*5*	*5*	*5*	38	100	-	-	0	0	0	0	-	-	9	-	-	-
Trichlorobenzene[1,2,3-]	EPA:624	ug/L	5	0	0	*1*	*1*	*1*	5	100	-	-	0	0	0	0	-	-	5	-	-	-
Trichlorobenzene[1,2,3-]	SW-846:8260B	ug/L	30	0	0	*1*	*1*	*1*	30	100	-	-	0	0	0	0	-	-	9	-	-	-
Trichlorobenzene[1,2,4-]	EPA:624	ug/L	5	0	0	*1*	*1*	*1*	5	100	-	-	0	0	0	0	-	-	5	-	-	-
Trichlorobenzene[1,2,4-]	SW-846:8260B	ug/L	38	0	0	*1*	*1*	*1*	38	100	-	-	0	0	0	0	-	-	9	-	-	-
Trichloroethane[1,1,1-]	EPA:624	ug/L	14	0	0	*1*	*1*	*1*	14	100	-	-	0	0	0	0	-	-	9	-	-	-
Trichloroethane[1,1,1-]	SW-846:8260B	ug/L	38	0	0	*1*	*1*	*1*	38	100	-	-	0	0	0	0	-	-	9	-	-	-
Trichloroethane[1,1,2-]	EPA:624	ug/L	14	0	0	*1*	*1*	*1*	14	100	-	-	0	0	0	0	-	-	9	-	-	-
Trichloroethane[1,1,2-]	SW-846:8260B	ug/L	38	0	0	*1*	*1*	*1*	38	100	-	-	0	0	0	0	-	-	9	-	-	-
Trichloroethene	EPA:624	ug/L	14	0	0	*1*	*1*	*1*	14	100	-	-	0	0	0	0	-	-	9	-	-	-
Trichloroethene	SW-846:8260B	ug/L	38	0	0	*1*	*1*	*1*	38	100	-	-	0	0	0	0	-	-	9	-	-	-
Trichlorofluoromethane	EPA:624	ug/L	14	0	0	*1*	*1*	*1*	14	100	-	-	0	0	0	0	-	-	9	-	-	-
Trichlorofluoromethane	SW-846:8260B	ug/L	38	0	0	*1*	*1*	*1*	38	100	-	-	0	0	0	0	-	-	9	-	-	-
Trichloropropane[1,2,3-]	EPA:624	ug/L	14	0	0	*1*	*1*	*1*	14	100	-	-	0	0	0	0	-	-	9	-	-	-
Trichloropropane[1,2,3-]	SW-846:8260B	ug/L	38	0	0	*1*	*1*	*1*	38	100	-	-	0	0	0	0	-	-	9	-	-	-
Trimethylbenzene[1,2,4-]	EPA:624	ug/L	14	0	0	*1*	*1*	*1*	14	100	-	-	0	0	0	0	-	-	9	-	-	-
Trimethylbenzene[1,2,4-]	SW-846:8260B	ug/L	38	0	0	*1*	*1*	*1*	38	100	-	-	0	0	0	0	-	-	9	-	-	-
Trimethylbenzene[1,3,5-]	EPA:624	ug/L	14	0	0	*1*	*1*	*1*	14	100	-	-	0	0	0	0	-	-	9	-	-	-
Trimethylbenzene[1,3,5-]	SW-846:8260B	ug/L	38	0	0	*1*	*1*	*1*	38	100	-	-	0	0	0	0	-	-	9	-	-	-
Vinyl acetate	EPA:624	ug/L	5	0	0	*5*	*5*	*5*	5	100	-	-	0	0	0	0	-	-	5	-	-	-
Vinyl acetate	SW-846:8260B	ug/L	38	0	0	*5*	*5*	*5*	38	100	-	-	0	0	0	0	-	-	9	-	-	-
Vinyl Chloride	EPA:624	ug/L	14	0	0	*1*	*1*	*1*	14	100	-	-	0	0	0	0	-	-	9	-	-	-
Vinyl Chloride	SW-846:8260B	ug/L	38	0	0	*1*	*1*	*1*	38	100	-	-	0	0	0	0	-	-	9	-	-	-
Xylene (Total)	EPA:624	ug/L	14	0	0	*1*	*1.28571*	*3*	14	100	-	-	0	0	0	0	-	-	9	-	-	-
Xylene[1,2-]	EPA:624	ug/L	14	0	0	*1*	*1*	*1*	14	100	-	-	0	0	0	0	-	-	9	-	-	-
Xylene[1,2-]	SW-846:8260B	ug/L	38	0	0	*1*	*1*	*1*	38	100	-	-	0	0	0	0	-	-	9	-	-	-
Xylene[1,3-]+Xylene[1,4-]	EPA:624	ug/L	14	0	0	*2*	*2*	*2*	14	100	-	-	0	0	0	0	-	-	9	-	-	-
Xylene[1,3-]+Xylene[1,4-]	SW-846:8260B	ug/L	38	0	0	*2*	*2*	*2*	38	100	-	-	0	0	0	0	-	-	9	-	-	-
Mortandad, VOA, UF, Springs																						
Acetone	SW-846:8260B	ug/L	3	0	0	*1.87*	*3.20667*	*5*	3	100	-	-	0	0	0	0	5475	Reg6	1	-	-	-
Acetonitrile	SW-846:8260B	ug/L	4	0	0	*25*	*25*	*25*	4	100	-	-	0	0	0	0	124.1	Reg6	1	-	-	-
Acrolein	SW-846:8260B	ug/L	4	0	0	*5*	*5*	*5*	4	100	-	-	4	0	0	0	0.04161916	Reg6	1	-	-	-
Acrylonitrile	SW-846:8260B	ug/L	4	0	0	*5*	*5*	*5*	4	100	-	-	4	0	0	0	1.237239	Reg6	1	-	-	-
Benzene	SW-846:8260B	ug/L	4	0	0	*1*	*1*	*1*	4	100	-	-	0	0	0	0	5	MCL	1	-	-	-
Bromobenzene	SW-846:8260B	ug/L	4	0	0	*1*	*1*	*1*	4	100	-	-	0	0	0	0	23.25201	Reg6	1	-	-	-
Bromochloromethane	SW-846:8260B	ug/L	4	0	0	*1*	*1*	*1*	4	100	-	-	0	0	0	0	-	-	1	-	-	-
Bromodichloromethane	SW-846:8260B	ug/L	4	0	0	*1*	*1*	*1*	4	100	-	-	0	0	0	0	10.69108	Reg6	1	-	-	-
Bromoform	SW-846:8260B	ug/L	4	0	0	*1*	*1*	*1*	4	100	-	-	0	0	0	0	85.10321	Reg6	1	-	-	-
Bromomethane	SW-846:8260B	ug/L	4	0	0	*1*	*1*	*1*	4	100	-	-	0	0	0	0	8.661017	Reg6	1	-	-	-
Butanone[2-]	SW-846:8260B	ug/L	4	1	25	2.24	2.24	2.24	3	75	-	-	0	0	0	0	7064.516	Reg6	1	-	-	-
Butylbenzene[n-]	SW-846:8260B	ug/L	4	0	0	*1*	*1*	*1*	4	100	-	-	0	0	0	0	60.83333	Reg6	1	-	-	-
Butylbenzene[sec-]	SW-846:8260B	ug/L	4	0	0	*1*	*1*	*1*	4	100	-	-	0	0	0	0	60.83333	Reg6	1	-	-	-
Butylbenzene[tert-]	SW-846:8260B	ug/L	4	0	0	*1*	*1*	*1*	4	100	-	-	0	0	0	0	60.83333	Reg6	1	-	-	-
Carbon Disulfide	SW-846:8260B	ug/L	4	0	0	*5*	*5*	*5*	4	100	-	-	0	0	0	0	1042.857	Reg6	1	-	-	-
Carbon Tetrachloride	SW-846:8260B	ug/L	4	0	0	*1*	*1*	*1*	4	100	-	-	0	0	0	0	5	MCL	1	-	-	-
Chloro-1,3-butadiene[2-]	SW-846:8260B	ug/L	4	0	0	*1*	*1*	*1*	4	100	-	-	0	0	0	0	14.31373	Reg6	1	-	-	-
Chloro-1-propene[3-]	SW-846:8260B	ug/L	4	0	0	*5*	*5*	*5*	4	100	-	-	0	0	0	0	1825	Reg6	1	-	-	-
Chlorobenzene	SW-846:8260B	ug/L	4	0	0	*1*	*1*	*1*	4	100	-	-	0	0	0	0	100	MCL	1	-	-	-
Chlorodibromomethane	SW-846:8260B	ug/L	4	0	0	*1*	*1*	*1*	4	100	-	-	0	0	0	0	7.891034	Reg6	1	-	-	-
Chloroethane	SW-846:8260B	ug/L	3	0	0	*1*	*1*	*1*	3	100	-	-	0	0	0	0	228.5679	Reg6	1	-	-	-
Chloroform	SW-846:8260B	ug/L	4	0	0	*1*	*1*	*1*	4	100	-	-	0	0	0	0	60	MCL	1	-	-	-
Chloromethane	SW-846:8260B	ug/L	4	0	0	*1*	*1*	*1*	4	100	-	-	0	0	0	0	21.34503	Reg6	1	-	-	-
Chlorotoluene[2-]	SW-846:8260B	ug/L	4	0	0	*1*	*1*	*1*	4	100	-	-	0	0	0	0	121.6667	Reg6	1	-	-	-
Chlorotoluene[4-]	SW-846:8260B	ug/L	4	0	0	*1*	*1*	*1*	4	100	-	-	0	0	0	0	-	-	1	-	-	-
Dibromo-3-Chloropropane[1,2-]	SW-846:8260B	ug/L	4	0	0	*1*	*1*	*1*	4	100	-	-	4	0	0	0	0.2	MCL	1	-	-	-
Dibromoethane[1,2-]	SW-846:8260B	ug/L	4	0	0	*1*	*1*	*1*	4	100	-	-	4	0	0	0	0.05	MCL	1	-	-	-
Dibromomethane	SW-846:8260B	ug/L	4	0	0	*1*	*1*	*1*	4	100	-	-	0	0	0	0	60.83333	Reg6	1	-	-	-

Table B-3
Screening Table for Mortandad Canyon Watershed

Analyte	Method	Units	No. of Analyses	No. of Detects	D Rate %	Min	Mean	Max	No. of Non-detects	ND Rate %	BV	D> BV	ND> Std	D> Std	D> Std/2	D>Std/2 Rate %	Level	Std Type	Locations with Data (number)	D>Std (number of locations)	D>Std/2 (number of locations)	D>Std Stations
Dichlorobenzene[1,2-]	SW-846:8260B	ug/L	4	0	0	1	1	1	4	100	-	-	0	0	0	0	-	-	1	-	-	-
Dichlorobenzene[1,3-]	SW-846:8260B	ug/L	4	0	0	1	1	1	4	100	-	-	0	0	0	0	-	-	1	-	-	-
Dichlorobenzene[1,4-]	SW-846:8260B	ug/L	4	0	0	1	1	1	4	100	-	-	0	0	0	0	-	-	1	-	-	-
Dichlorodifluoromethane	SW-846:8260B	ug/L	4	0	0	1	1	1	4	100	-	-	0	0	0	0	394.5946	Reg6	1	-	-	-
Dichloroethane[1,1-]	SW-846:8260B	ug/L	4	0	0	1	1	1	4	100	-	-	0	0	0	0	25	NMGSU	1	-	-	-
Dichloroethane[1,2-]	SW-846:8260B	ug/L	4	0	0	1	1	1	4	100	-	-	0	0	0	0	5	MCL	1	-	-	-
Dichloroethene[1,1-]	SW-846:8260B	ug/L	4	0	0	1	1	1	4	100	-	-	0	0	0	0	5	NMGSU	1	-	-	-
Dichloroethene[cis-1,2-]	SW-846:8260B	ug/L	4	0	0	1	1	1	4	100	-	-	0	0	0	0	70	MCL	1	-	-	-
Dichloroethene[trans-1,2-]	SW-846:8260B	ug/L	4	0	0	1	1	1	4	100	-	-	0	0	0	0	100	MCL	1	-	-	-
Dichloropropane[1,2-]	SW-846:8260B	ug/L	4	0	0	1	1	1	4	100	-	-	0	0	0	0	5	MCL	1	-	-	-
Dichloropropane[1,3-]	SW-846:8260B	ug/L	4	0	0	1	1	1	4	100	-	-	0	0	0	0	-	-	1	-	-	-
Dichloropropane[2,2-]	SW-846:8260B	ug/L	4	0	0	1	1	1	4	100	-	-	0	0	0	0	-	-	1	-	-	-
Dichloropropene[1,1-]	SW-846:8260B	ug/L	4	0	0	1	1	1	4	100	-	-	0	0	0	0	-	-	1	-	-	-
Dichloropropene[cis-1,3-]	SW-846:8260B	ug/L	4	0	0	1	1	1	4	100	-	-	0	0	0	0	-	-	1	-	-	-
Dichloropropene[trans-1,3-]	SW-846:8260B	ug/L	4	0	0	1	1	1	4	100	-	-	0	0	0	0	-	-	1	-	-	-
Ethyl Methacrylate	SW-846:8260B	ug/L	4	0	0	5	5	5	4	100	-	-	0	0	0	0	547.5	Reg6	1	-	-	-
Ethylbenzene	SW-846:8260B	ug/L	4	0	0	1	1	1	4	100	-	-	0	0	0	0	700	MCL	1	-	-	-
Hexachlorobutadiene	SW-846:8260B	ug/L	4	0	0	1	1	1	4	100	-	-	0	0	0	0	-	-	1	-	-	-
Hexanone[2-]	SW-846:8260B	ug/L	3	0	0	5	5	5	3	100	-	-	0	0	0	0	-	-	1	-	-	-
Iodomethane	SW-846:8260B	ug/L	4	0	0	5	5	5	4	100	-	-	0	0	0	0	-	-	1	-	-	-
Isobutyl alcohol	SW-846:8260B	ug/L	4	0	0	50	50	50	4	100	-	-	0	0	0	0	1825	Reg6	1	-	-	-
Isopropylbenzene	SW-846:8260B	ug/L	4	0	0	1	1	1	4	100	-	-	0	0	0	0	658.1967	Reg6	1	-	-	-
Isopropyltoluene[4-]	SW-846:8260B	ug/L	4	0	0	1	1	1	4	100	-	-	0	0	0	0	-	-	1	-	-	-
Methacrylonitrile	SW-846:8260B	ug/L	4	0	0	5	5	5	4	100	-	-	4	0	0	0	1.042857	Reg6	1	-	-	-
Methyl Methacrylate	SW-846:8260B	ug/L	4	0	0	5	5	5	4	100	-	-	0	0	0	0	1419.444	Reg6	1	-	-	-
Methyl-2-pentanone[4-]	SW-846:8260B	ug/L	3	0	0	5	5	5	3	100	-	-	0	0	0	0	1990.909	Reg6	1	-	-	-
Methylene Chloride	SW-846:8260B	ug/L	3	0	0	5	5	5	3	100	-	-	0	0	0	0	5	MCL	1	-	-	-
Naphthalene	SW-846:8260B	ug/L	4	0	0	1	1	1	4	100	-	-	0	0	0	0	-	-	1	-	-	-
Propionitrile	SW-846:8260B	ug/L	4	0	0	5	5	5	4	100	-	-	0	0	0	0	-	-	1	-	-	-
Propylbenzene[1-]	SW-846:8260B	ug/L	4	0	0	1	1	1	4	100	-	-	0	0	0	0	60.83333	Reg6	1	-	-	-
Styrene	SW-846:8260B	ug/L	4	0	0	1	1	1	4	100	-	-	0	0	0	0	100	MCL	1	-	-	-
Tetrachloroethane[1,1,1,2-]	SW-846:8260B	ug/L	4	0	0	1	1	1	4	100	-	-	0	0	0	0	25.49549	Reg6	1	-	-	-
Tetrachloroethane[1,1,2,2-]	SW-846:8260B	ug/L	4	0	0	1	1	1	4	100	-	-	0	0	0	0	10	NMGSU	1	-	-	-
Tetrachloroethene	SW-846:8260B	ug/L	4	0	0	1	1	1	4	100	-	-	0	0	0	0	5	MCL	1	-	-	-
Toluene	SW-846:8260B	ug/L	4	1	25	0.33	0.33	0.33	3	75	-	-	0	0	0	0	750	NMGSU	1	-	-	-
Trichloro-1,2,2-trifluoroethane[1,1,2-]	SW-846:8260B	ug/L	4	0	0	5	5	5	4	100	-	-	0	0	0	0	59179.86	Reg6	1	-	-	-
Trichlorobenzene[1,2,3-]	SW-846:8260B	ug/L	4	0	0	1	1	1	4	100	-	-	0	0	0	0	-	-	1	-	-	-
Trichlorobenzene[1,2,4-]	SW-846:8260B	ug/L	4	0	0	1	1	1	4	100	-	-	0	0	0	0	-	-	1	-	-	-
Trichloroethane[1,1,1-]	SW-846:8260B	ug/L	4	0	0	1	1	1	4	100	-	-	0	0	0	0	60	NMGSU	1	-	-	-
Trichloroethane[1,1,2-]	SW-846:8260B	ug/L	4	0	0	1	1	1	4	100	-	-	0	0	0	0	5	MCL	1	-	-	-
Trichloroethene	SW-846:8260B	ug/L	4	0	0	1	1	1	4	100	-	-	0	0	0	0	5	MCL	1	-	-	-
Trichlorofluoromethane	SW-846:8260B	ug/L	4	0	0	1	1	1	4	100	-	-	0	0	0	0	5	MCL	1	-	-	-
Trichloropropane[1,2,3-]	SW-846:8260B	ug/L	4	0	0	1	1	1	4	100	-	-	4	0	0	0	0.09469241	Reg6	1	-	-	-
Trimethylbenzene[1,2,4-]	SW-846:8260B	ug/L	4	0	0	1	1	1	4	100	-	-	0	0	0	0	12.42906	Reg6	1	-	-	-
Trimethylbenzene[1,3,5-]	SW-846:8260B	ug/L	4	0	0	1	1	1	4	100	-	-	0	0	0	0	12.32618	Reg6	1	-	-	-
Vinyl acetate	SW-846:8260B	ug/L	4	0	0	5	5	5	4	100	-	-	0	0	0	0	412.4294	Reg6	1	-	-	-
Vinyl Chloride	SW-846:8260B	ug/L	4	0	0	1	1	1	4	100	-	-	0	0	0	0	1	NMGSU	1	-	-	-
Xylene[1,2-]	SW-846:8260B	ug/L	4	0	0	1	1	1	4	100	-	-	0	0	0	0	1431.373	Reg6	1	-	-	-
Xylene[1,3-]+Xylene[1,4-]	SW-846:8260B	ug/L	4	0	0	2	2	2	4	100	-	-	0	0	0	0	-	-	1	-	-	-
Mortandad, VOA, F, Alluvial																						
Benzene	SW-846:8260B	ug/L	1	0	0	1	1	1	1	100	-	-	0	0	0	0	5	MCL	1	-	-	-
Carbon Tetrachloride	SW-846:8260B	ug/L	1	0	0	1	1	1	1	100	-	-	0	0	0	0	5	MCL	1	-	-	-
Chloroform	SW-846:8260B	ug/L	1	0	0	1	1	1	1	100	-	-	0	0	0	0	60	MCL	1	-	-	-
Dibromoethane[1,2-]	SW-846:8260B	ug/L	1	0	0	1	1	1	1	100	-	-	1	0	0	0	0.05	MCL	1	-	-	-
Dichloroethane[1,1-]	SW-846:8260B	ug/L	1	0	0	1	1	1	1	100	-	-	0	0	0	0	1216.667	Reg6	1	-	-	-
Dichloroethane[1,2-]	SW-846:8260B	ug/L	1	0	0	1	1	1	1	100	-	-	0	0	0	0	5	MCL	1	-	-	-
Dichloroethene[1,1-]	SW-846:8260B	ug/L	1	0	0	1	1	1	1	100	-	-	0	0	0	0	7	MCL	1	-	-	-
Ethylbenzene	SW-846:8260B	ug/L	1	0	0	1	1	1	1	100	-	-	0	0	0	0	700	MCL	1	-	-	-

Table B-3
Screening Table for Mortandad Canyon Watershed

Analyte	Method	Units	No. of Analyses	No. of Detects	D Rate %	Min	Mean	Max	No. of Non-detects	ND Rate %	BV	D> BV	ND> Std	D> Std	D> Std/2	D>Std/2 Rate %	Level	Std Type	Locations with Data (number)	D>Std (number of locations)	D>Std/2 (number of locations)	D>Std Stations
Methylene Chloride	SW-846:8260B	ug/L	1	0	0	*5*	*5*	*5*	1	100	-	-	0	0	0	0	5	MCL	1	-	-	-
Naphthalene	SW-846:8260B	ug/L	1	0	0	*1*	*1*	*1*	1	100	-	-	0	0	0	0	-	-	1	-	-	-
Tetrachloroethane[1,1,1,2-]	SW-846:8260B	ug/L	1	0	0	*1*	*1*	*1*	1	100	-	-	0	0	0	0	25.49549	Reg6	1	-	-	-
Tetrachloroethane[1,1,2,2-]	SW-846:8260B	ug/L	1	0	0	*1*	*1*	*1*	1	100	-	-	0	0	0	0	3.313534	Reg6	1	-	-	-
Toluene	SW-846:8260B	ug/L	1	0	0	*1*	*1*	*1*	1	100	-	-	0	0	0	0	1000	MCL	1	-	-	-
Trichloroethane[1,1,1-]	SW-846:8260B	ug/L	1	0	0	*1*	*1*	*1*	1	100	-	-	0	0	0	0	200	MCL	1	-	-	-
Trichloroethane[1,1,2-]	SW-846:8260B	ug/L	1	0	0	*1*	*1*	*1*	1	100	-	-	0	0	0	0	5	MCL	1	-	-	-
Trichloroethene	SW-846:8260B	ug/L	1	0	0	*1*	*1*	*1*	1	100	-	-	0	0	0	0	5	MCL	1	-	-	-
Vinyl Chloride	SW-846:8260B	ug/L	1	0	0	*1*	*1*	*1*	1	100	-	-	0	0	0	0	2	MCL	1	-	-	-
Xylene (Total)	SW-846:8260B	ug/L	1	0	0	*3*	*3*	*3*	1	100	-	-	0	0	0	0	10000	MCL	1	-	-	-
Mortandad, VOA, UF, Alluvial																						
Acetone	SW-846:8260B	ug/L	81	12	15	1.4	4.08083	9.4	69	85	-	-	0	0	0	0	5475	Reg6	14	-	-	-
Acetonitrile	SW-846:8260B	ug/L	70	0	0	*25*	*25*	*25*	70	100	-	-	0	0	0	0	124.1	Reg6	13	-	-	-
Acrolein	SW-846:8260B	ug/L	82	0	0	*5*	*5*	*5*	82	100	-	-	82	0	0	0	0.04161916	Reg6	14	-	-	-
Acrylonitrile	SW-846:8260B	ug/L	85	0	0	*5*	*5*	*5*	85	100	-	-	85	0	0	0	1.237239	Reg6	14	-	-	-
Benzene	SW-846:8260B	ug/L	81	0	0	*1*	*1*	*1*	81	100	-	-	0	0	0	0	5	MCL	13	-	-	-
Bromobenzene	SW-846:8260B	ug/L	85	0	0	*1*	*1*	*1*	85	100	-	-	0	0	0	0	23.25201	Reg6	14	-	-	-
Bromochloromethane	SW-846:8260B	ug/L	85	0	0	*1*	*1*	*1*	85	100	-	-	0	0	0	0	-	-	14	-	-	-
Bromodichloromethane	SW-846:8260B	ug/L	85	0	0	*1*	*1*	*1*	85	100	-	-	0	0	0	0	10.69108	Reg6	14	-	-	-
Bromoform	SW-846:8260B	ug/L	85	0	0	*1*	*1*	*1*	85	100	-	-	0	0	0	0	85.10321	Reg6	14	-	-	-
Bromomethane	SW-846:8260B	ug/L	85	0	0	*1*	*1*	*1*	85	100	-	-	0	0	0	0	8.661017	Reg6	14	-	-	-
Butanol[1-]	SW-846:8260B	ug/L	10	0	0	*50*	*50*	*50*	10	100	-	-	0	0	0	0	3650	Reg6	7	-	-	-
Butanone[2-]	SW-846:8260B	ug/L	85	4	5	1.34	1.6275	2.31	81	95	-	-	0	0	0	0	7064.516	Reg6	14	-	-	-
Butylbenzene[n-]	SW-846:8260B	ug/L	85	0	0	*1*	*1*	*1*	85	100	-	-	0	0	0	0	60.83333	Reg6	14	-	-	-
Butylbenzene[sec-]	SW-846:8260B	ug/L	85	0	0	*1*	*1*	*1*	85	100	-	-	0	0	0	0	60.83333	Reg6	14	-	-	-
Butylbenzene[tert-]	SW-846:8260B	ug/L	85	0	0	*1*	*1*	*1*	85	100	-	-	0	0	0	0	60.83333	Reg6	14	-	-	-
Carbon Disulfide	SW-846:8260B	ug/L	84	0	0	*1.5*	*4.89524*	*5*	84	100	-	-	0	0	0	0	1042.857	Reg6	14	-	-	-
Carbon Tetrachloride	SW-846:8260B	ug/L	85	0	0	*1*	*1*	*1*	85	100	-	-	0	0	0	0	5	MCL	14	-	-	-
Chloro-1,3-butadiene[2-]	SW-846:8260B	ug/L	70	0	0	*1*	*1*	*1*	70	100	-	-	0	0	0	0	14.31373	Reg6	13	-	-	-
Chloro-1-propene[3-]	SW-846:8260B	ug/L	70	0	0	*5*	*5*	*5*	70	100	-	-	0	0	0	0	1825	Reg6	13	-	-	-
Chlorobenzene	SW-846:8260B	ug/L	85	0	0	*1*	*1*	*1*	85	100	-	-	0	0	0	0	100	MCL	14	-	-	-
Chlorodibromomethane	SW-846:8260B	ug/L	85	0	0	*1*	*1*	*1*	85	100	-	-	0	0	0	0	7.891034	Reg6	14	-	-	-
Chloroethane	SW-846:8260B	ug/L	82	0	0	*1*	*1*	*1*	82	100	-	-	0	0	0	0	228.5679	Reg6	14	-	-	-
Chloroethyl vinyl ether[2-]	EPA:624	ug/L	5	0	0	*5*	*5*	*5*	5	100	-	-	0	0	0	0	-	-	4	-	-	-
Chloroethyl vinyl ether[2-]	SW-846:8260B	ug/L	10	0	0	*5*	*5*	*5*	10	100	-	-	0	0	0	0	-	-	9	-	-	-
Chloroform	SW-846:8260B	ug/L	85	0	0	*1*	*1*	*1*	85	100	-	-	0	0	0	0	60	MCL	14	-	-	-
Chloromethane	SW-846:8260B	ug/L	85	1	1	1.3	1.3	1.3	84	99	-	-	0	0	0	0	21.34503	Reg6	14	-	-	-
Chlorotoluene[2-]	SW-846:8260B	ug/L	82	0	0	*1*	*1*	*1*	82	100	-	-	0	0	0	0	121.6667	Reg6	14	-	-	-
Chlorotoluene[4-]	SW-846:8260B	ug/L	85	0	0	*1*	*1*	*1*	85	100	-	-	0	0	0	0	-	-	14	-	-	-
Dibromo-3-Chloropropane[1,2-]	SW-846:8260B	ug/L	85	0	0	*1*	*1*	*1*	85	100	-	-	85	0	0	0	0.2	MCL	14	-	-	-
Dibromoethane[1,2-]	SW-846:8260B	ug/L	85	0	0	*1*	*1*	*1*	85	100	-	-	85	0	0	0	0.05	MCL	14	-	-	-
Dibromomethane	SW-846:8260B	ug/L	85	0	0	*1*	*1*	*1*	85	100	-	-	0	0	0	0	60.83333	Reg6	14	-	-	-
Dichlorobenzene[1,2-]	SW-846:8260B	ug/L	82	1	1	0.26	0.26	0.26	81	99	-	-	0	0	0	0	-	-	14	-	-	-
Dichlorobenzene[1,3-]	SW-846:8260B	ug/L	82	1	1	0.65	0.65	0.65	81	99	-	-	0	0	0	0	-	-	14	-	-	-
Dichlorobenzene[1,4-]	SW-846:8260B	ug/L	82	0	0	*0.34*	*0.97195*	*1*	82	100	-	-	0	0	0	0	-	-	14	-	-	-
Dichlorodifluoromethane	SW-846:8260B	ug/L	85	0	0	*1*	*1*	*1*	85	100	-	-	0	0	0	0	394.5946	Reg6	14	-	-	-
Dichloroethane[1,1-]	SW-846:8260B	ug/L	85	0	0	*1*	*1*	*1*	85	100	-	-	0	0	0	0	25	NMGSU	14	-	-	-
Dichloroethane[1,2-]	SW-846:8260B	ug/L	85	0	0	*1*	*1*	*1*	85	100	-	-	0	0	0	0	5	MCL	14	-	-	-
Dichloroethene[1,1-]	SW-846:8260B	ug/L	85	0	0	*1*	*1*	*1*	85	100	-	-	0	0	0	0	5	NMGSU	14	-	-	-
Dichloroethene[cis-1,2-]	SW-846:8260B	ug/L	70	0	0	*1*	*1*	*1*	70	100	-	-	0	0	0	0	70	MCL	13	-	-	-
Dichloroethene[trans-1,2-]	SW-846:8260B	ug/L	85	0	0	*1*	*1*	*1*	85	100	-	-	0	0	0	0	100	MCL	14	-	-	-
Dichloropropane[1,2-]	SW-846:8260B	ug/L	85	0	0	*1*	*1*	*1*	85	100	-	-	0	0	0	0	5	MCL	14	-	-	-
Dichloropropane[1,3-]	SW-846:8260B	ug/L	85	0	0	*1*	*1*	*1*	85	100	-	-	0	0	0	0	-	-	14	-	-	-
Dichloropropane[2,2-]	SW-846:8260B	ug/L	85	0	0	*1*	*1*	*1*	85	100	-	-	0	0	0	0	-	-	14	-	-	-
Dichloropropene[1,1-]	SW-846:8260B	ug/L	85	0	0	*1*	*1*	*1*	85	100	-	-	0	0	0	0	-	-	14	-	-	-
Dichloropropene[cis/trans-1,3-]	SW-846:8260B	ug/L	8	0	0	*1*	*1*	*1*	8	100	-	-	0	0	0	0	6.709735	Reg6	8	-	-	-
Dichloropropene[cis-1,3-]	SW-846:8260B	ug/L	85	0	0	*1*	*1*	*1*	85	100	-	-	0	0	0	0	-	-	14	-	-	-
Dichloropropene[trans-1,3-]	SW-846:8260B	ug/L	85	0	0	*1*	*1*	*1*	85	100	-	-	0	0	0	0	-	-	14	-	-	-

Table B-3
Screening Table for Mortandad Canyon Watershed

Analyte	Method	Units	No. of Analyses	No. of Detects	D Rate %	Min	Mean	Max	No. of Non-detects	ND Rate %	BV	D> BV	ND> Std	D> Std	D> Std/2	D>Std/2 Rate %	Level	Std Type	Locations with Data (number)	D>Std (number of locations)	D>Std/2 (number of locations)	D>Std Stations
Diethyl Ether	SW-846:8260B	ug/L	16	0	0	1	1	1	16	100	-	-	0	0	0	0	-	-	9	-	-	-
Dioxane[1,4-]	SW-846:8260B	ug/L	3	0	0	50	50	50	3	100	-	-	0	0	0	0	-	-	3	-	-	-
Ethyl Methacrylate	SW-846:8260B	ug/L	70	0	0	5	5	5	70	100	-	-	0	0	0	0	547.5	Reg6	13	-	-	-
Ethylbenzene	SW-846:8260B	ug/L	85	0	0	1	1	1	85	100	-	-	0	0	0	0	700	MCL	14	-	-	-
Hexachlorobutadiene	SW-846:8260B	ug/L	82	0	0	1	1	1	82	100	-	-	0	0	0	0	-	-	14	-	-	-
Hexanone[2-]	SW-846:8260B	ug/L	85	0	0	5	5	5	85	100	-	-	0	0	0	0	-	-	14	-	-	-
Iodomethane	SW-846:8260B	ug/L	85	0	0	5	5	5	85	100	-	-	0	0	0	0	-	-	14	-	-	-
Isobutyl alcohol	SW-846:8260B	ug/L	61	0	0	50	50	50	61	100	-	-	0	0	0	0	1825	Reg6	13	-	-	-
Isopropylbenzene	SW-846:8260B	ug/L	85	0	0	1	1	1	85	100	-	-	0	0	0	0	658.1967	Reg6	14	-	-	-
Isopropyltoluene[4-]	SW-846:8260B	ug/L	85	2	2	0.378	0.3985	0.419	83	98	-	-	0	0	0	0	-	-	14	-	-	-
Methacrylonitrile	SW-846:8260B	ug/L	66	0	0	5	5	5	66	100	-	-	66	0	0	0	1.042857	Reg6	12	-	-	-
Methyl Methacrylate	SW-846:8260B	ug/L	70	0	0	5	5	5	70	100	-	-	0	0	0	0	1419.444	Reg6	13	-	-	-
Methyl tert-Butyl Ether	SW-846:8260B	ug/L	16	0	0	1	1	1	16	100	-	-	0	0	0	0	370.8305	Reg6	9	-	-	-
Methyl-2-pentanone[4-]	SW-846:8260B	ug/L	85	0	0	5	5	5	85	100	-	-	0	0	0	0	1990.909	Reg6	14	-	-	-
Methylene Chloride	SW-846:8260B	ug/L	78	0	0	2.4	4.95154	6.06	78	100	-	-	2	0	0	0	5	MCL	14	-	-	-
Naphthalene	SW-846:8260B	ug/L	76	0	0	0.716	0.99626	1	76	100	-	-	0	0	0	0	-	-	14	-	-	-
Propionitrile	SW-846:8260B	ug/L	70	0	0	5	5	5	70	100	-	-	0	0	0	0	-	-	13	-	-	-
Propylbenzene[1-]	SW-846:8260B	ug/L	85	0	0	1	1	1	85	100	-	-	0	0	0	0	60.83333	Reg6	14	-	-	-
Styrene	SW-846:8260B	ug/L	85	0	0	1	1	1	85	100	-	-	0	0	0	0	100	MCL	14	-	-	-
Tetrachloroethane[1,1,1,2-]	SW-846:8260B	ug/L	85	0	0	1	1	1	85	100	-	-	0	0	0	0	25.49549	Reg6	14	-	-	-
Tetrachloroethane[1,1,2,2-]	SW-846:8260B	ug/L	85	0	0	1	1	1	85	100	-	-	0	0	0	0	10	NMGSU	14	-	-	-
Tetrachloroethene	SW-846:8260B	ug/L	81	0	0	1	1	1	81	100	-	-	0	0	0	0	5	MCL	14	-	-	-
Toluene	SW-846:8260B	ug/L	85	3	4	0.289	0.97967	2.27	82	96	-	-	0	0	0	0	750	NMGSU	14	-	-	-
Trichloro-1,2,2-trifluoroethane[1,1,2-]	SW-846:8260B	ug/L	75	0	0	5	5	5	75	100	-	-	0	0	0	0	59179.86	Reg6	13	-	-	-
Trichlorobenzene[1,2,3-]	SW-846:8260B	ug/L	64	0	0	1	1	1	64	100	-	-	0	0	0	0	-	-	13	-	-	-
Trichlorobenzene[1,2,4-]	SW-846:8260B	ug/L	70	0	0	1	1	1	70	100	-	-	0	0	0	0	-	-	13	-	-	-
Trichloroethane[1,1,1-]	SW-846:8260B	ug/L	85	0	0	1	1	1	85	100	-	-	0	0	0	0	60	NMGSU	14	-	-	-
Trichloroethane[1,1,2-]	SW-846:8260B	ug/L	85	0	0	1	1	1	85	100	-	-	0	0	0	0	5	MCL	14	-	-	-
Trichloroethene	SW-846:8260B	ug/L	85	0	0	1	1	1	85	100	-	-	0	0	0	0	5	MCL	14	-	-	-
Trichlorofluoromethane	SW-846:8260B	ug/L	85	0	0	1	1	1	85	100	-	-	0	0	0	0	5	MCL	14	-	-	-
Trichloropropane[1,2,3-]	SW-846:8260B	ug/L	85	0	0	1	1	1	85	100	-	-	85	0	0	0	0.09469241	Reg6	14	-	-	-
Trimethylbenzene[1,2,4-]	SW-846:8260B	ug/L	85	0	0	1	1	1	85	100	-	-	0	0	0	0	12.42906	Reg6	14	-	-	-
Trimethylbenzene[1,3,5-]	SW-846:8260B	ug/L	85	0	0	1	1	1	85	100	-	-	0	0	0	0	12.32618	Reg6	14	-	-	-
Vinyl acetate	SW-846:8260B	ug/L	70	0	0	5	5	5	70	100	-	-	0	0	0	0	412.4294	Reg6	13	-	-	-
Vinyl Chloride	SW-846:8260B	ug/L	85	0	0	1	1	1	85	100	-	-	0	0	0	0	1	NMGSU	14	-	-	-
Xylene (Total)	SW-846:8260B	ug/L	23	0	0	1	1.43478	3	23	100	-	-	0	0	0	0	10000	MCL	11	-	-	-
Xylene[1,2-]	SW-846:8260B	ug/L	85	0	0	1	1	1	85	100	-	-	0	0	0	0	1431.373	Reg6	14	-	-	-
Xylene[1,3-]+Xylene[1,4-]	SW-846:8260B	ug/L	85	0	0	0.289	1.97987	2	85	100	-	-	0	0	0	0	-	-	14	-	-	-
Mortandad, VOA, UF, Intermediate																						
Acetone	SW-846:8260B	ug/L	32	8	25	1.75	5.17875	11.6	24	75	-	-	0	0	0	0	5475	Reg6	4	-	-	-
Acetonitrile	SW-846:8260B	ug/L	32	0	0	25	25	25	32	100	-	-	0	0	0	0	124.1	Reg6	3	-	-	-
Acrolein	SW-846:8260B	ug/L	30	0	0	5	5	5	30	100	-	-	30	0	0	0	0.04161916	Reg6	3	-	-	-
Acrylonitrile	SW-846:8260B	ug/L	31	0	0	5	5	5	31	100	-	-	31	0	0	0	1.237239	Reg6	3	-	-	-
Benzene	SW-846:8260B	ug/L	33	0	0	1	1	1	33	100	-	-	0	0	0	0	5	MCL	4	-	-	-
Bromobenzene	SW-846:8260B	ug/L	34	0	0	1	1	1	34	100	-	-	0	0	0	0	23.25201	Reg6	4	-	-	-
Bromochloromethane	SW-846:8260B	ug/L	35	0	0	1	1	1	35	100	-	-	0	0	0	0	-	-	4	-	-	-
Bromodichloromethane	SW-846:8260B	ug/L	35	0	0	1	1	1	35	100	-	-	0	0	0	0	10.69108	Reg6	4	-	-	-
Bromoform	SW-846:8260B	ug/L	35	0	0	1	1	1	35	100	-	-	0	0	0	0	85.10321	Reg6	4	-	-	-
Bromomethane	SW-846:8260B	ug/L	34	0	0	1	1	1	34	100	-	-	0	0	0	0	8.661017	Reg6	4	-	-	-
Butanol[1-]	SW-846:8260B	ug/L	6	0	0	50	50	50	6	100	-	-	0	0	0	0	3650	Reg6	3	-	-	-
Butanone[2-]	SW-846:8260B	ug/L	34	3	9	2.45	3.58333	4.6	31	91	-	-	0	0	0	0	7064.516	Reg6	4	-	-	-
Butylbenzene[n-]	SW-846:8260B	ug/L	35	0	0	1	1	1	35	100	-	-	0	0	0	0	60.83333	Reg6	4	-	-	-
Butylbenzene[sec-]	SW-846:8260B	ug/L	35	0	0	1	1	1	35	100	-	-	0	0	0	0	60.83333	Reg6	4	-	-	-
Butylbenzene[tert-]	SW-846:8260B	ug/L	35	0	0	1	1	1	35	100	-	-	0	0	0	0	60.83333	Reg6	4	-	-	-
Carbon Disulfide	SW-846:8260B	ug/L	33	2	6	4.2	4.2	4.2	31	94	-	-	0	0	0	0	1042.857	Reg6	4	-	-	-
Carbon Tetrachloride	SW-846:8260B	ug/L	35	0	0	1	1	1	35	100	-	-	0	0	0	0	5	MCL	4	-	-	-
Chloro-1,3-butadiene[2-]	SW-846:8260B	ug/L	32	0	0	1	1	1	32	100	-	-	0	0	0	0	14.31373	Reg6	3	-	-	-
Chloro-1-propene[3-]	SW-846:8260B	ug/L	32	0	0	5	5	5	32	100	-	-	0	0	0	0	1825	Reg6	3	-	-	-

Table B-3
Screening Table for Mortandad Canyon Watershed

Analyte	Method	Units	No. of Analyses	No. of Detects	D Rate %	Min	Mean	Max	No. of Non-detects	ND Rate %	BV	D> BV	ND> Std	D> Std	D> Std/2	D>Std/2 Rate %	Level	Std Type	Locations with Data (number)	D>Std (number of locations)	D>Std/2 (number of locations)	D>Std Stations
Chlorobenzene	SW-846:8260B	ug/L	35	0	0	1	1	1	35	100	-	-	0	0	0	0	100	MCL	4	-	-	-
Chlorodibromomethane	SW-846:8260B	ug/L	35	0	0	1	1	1	35	100	-	-	0	0	0	0	7.891034	Reg6	4	-	-	-
Chloroethane	SW-846:8260B	ug/L	32	0	0	1	1	1	32	100	-	-	0	0	0	0	228.5679	Reg6	4	-	-	-
Chloroethyl vinyl ether[2-]	EPA:624	ug/L	3	0	0	5	5	5	3	100	-	-	0	0	0	0	-	-	2	-	-	-
Chloroethyl vinyl ether[2-]	SW-846:8260B	ug/L	3	0	0	5	5	5	3	100	-	-	0	0	0	0	-	-	2	-	-	-
Chloroform	SW-846:8260B	ug/L	35	0	0	1	1	1	35	100	-	-	0	0	0	0	60	MCL	4	-	-	-
Chloromethane	SW-846:8260B	ug/L	35	3	9	0.673	1.607	3.4	32	91	-	-	0	0	0	0	21.34503	Reg6	4	-	-	-
Chlorotoluene[2-]	SW-846:8260B	ug/L	33	0	0	1	1	1	33	100	-	-	0	0	0	0	121.6667	Reg6	4	-	-	-
Chlorotoluene[4-]	SW-846:8260B	ug/L	35	0	0	1	1	1	35	100	-	-	0	0	0	0	-	-	4	-	-	-
Dibromo-3-Chloropropane[1,2-]	SW-846:8260B	ug/L	35	0	0	1	1	1	35	100	-	-	35	0	0	0	0.2	MCL	4	-	-	-
Dibromoethane[1,2-]	SW-846:8260B	ug/L	34	0	0	1	1	1	34	100	-	-	34	0	0	0	0.05	MCL	4	-	-	-
Dibromomethane	SW-846:8260B	ug/L	35	0	0	1	1	1	35	100	-	-	0	0	0	0	60.83333	Reg6	4	-	-	-
Dichlorobenzene[1,2-]	SW-846:8260B	ug/L	34	0	0	1	1	1	34	100	-	-	0	0	0	0	-	-	4	-	-	-
Dichlorobenzene[1,3-]	SW-846:8260B	ug/L	34	0	0	1	1	1	34	100	-	-	0	0	0	0	-	-	4	-	-	-
Dichlorobenzene[1,4-]	SW-846:8260B	ug/L	34	0	0	1	1	1	34	100	-	-	0	0	0	0	-	-	4	-	-	-
Dichlorodifluoromethane	SW-846:8260B	ug/L	35	0	0	1	1	1	35	100	-	-	0	0	0	0	394.5946	Reg6	4	-	-	-
Dichloroethane[1,1-]	SW-846:8260B	ug/L	35	0	0	1	1	1	35	100	-	-	0	0	0	0	25	NMGSU	4	-	-	-
Dichloroethane[1,2-]	SW-846:8260B	ug/L	35	0	0	1	1	1	35	100	-	-	0	0	0	0	5	MCL	4	-	-	-
Dichloroethene[1,1-]	SW-846:8260B	ug/L	35	0	0	1	1	1	35	100	-	-	0	0	0	0	5	NMGSU	4	-	-	-
Dichloroethene[cis-1,2-]	SW-846:8260B	ug/L	35	0	0	1	1	1	35	100	-	-	0	0	0	0	70	MCL	4	-	-	-
Dichloroethene[trans-1,2-]	SW-846:8260B	ug/L	35	0	0	1	1	1	35	100	-	-	0	0	0	0	100	MCL	4	-	-	-
Dichloropropane[1,2-]	SW-846:8260B	ug/L	35	0	0	1	1	1	35	100	-	-	0	0	0	0	5	MCL	4	-	-	-
Dichloropropane[1,3-]	SW-846:8260B	ug/L	35	0	0	1	1	1	35	100	-	-	0	0	0	0	-	-	4	-	-	-
Dichloropropane[2,2-]	SW-846:8260B	ug/L	35	0	0	1	1	1	35	100	-	-	0	0	0	0	-	-	4	-	-	-
Dichloropropene[1,1-]	SW-846:8260B	ug/L	35	0	0	1	1	1	35	100	-	-	0	0	0	0	-	-	4	-	-	-
Dichloropropene[cis/trans-1,3-]	SW-846:8260B	ug/L	4	1	25	1	1	1	3	75	-	-	0	0	0	0	6.709735	Reg6	3	-	-	-
Dichloropropene[cis-1,3-]	SW-846:8260B	ug/L	35	0	0	1	1	1	35	100	-	-	0	0	0	0	-	-	4	-	-	-
Dichloropropene[trans-1,3-]	SW-846:8260B	ug/L	35	0	0	1	1	1	35	100	-	-	0	0	0	0	-	-	4	-	-	-
Diethyl Ether	SW-846:8260B	ug/L	8	0	0	1	1	1	8	100	-	-	0	0	0	0	-	-	3	-	-	-
Dioxane[1,4-]	SW-846:8260B	ug/L	19	19	100	22.3	49.6	63.9	0	0	-	-	0	0	0	0	-	-	3	-	-	-
Ethyl Methacrylate	SW-846:8260B	ug/L	32	0	0	5	5	5	32	100	-	-	0	0	0	0	547.5	Reg6	3	-	-	-
Ethylbenzene	SW-846:8260B	ug/L	34	0	0	1	1	1	34	100	-	-	0	0	0	0	700	MCL	4	-	-	-
Hexachlorobutadiene	SW-846:8260B	ug/L	30	0	0	1	1	1	30	100	-	-	0	0	0	0	-	-	3	-	-	-
Hexanone[2-]	SW-846:8260B	ug/L	35	0	0	5	5	5	35	100	-	-	0	0	0	0	-	-	4	-	-	-
Iodomethane	SW-846:8260B	ug/L	35	0	0	5	5	5	35	100	-	-	0	0	0	0	-	-	4	-	-	-
Isobutyl alcohol	SW-846:8260B	ug/L	31	0	0	50	50	50	31	100	-	-	0	0	0	0	1825	Reg6	3	-	-	-
Isopropylbenzene	SW-846:8260B	ug/L	35	0	0	1	1	1	35	100	-	-	0	0	0	0	658.1967	Reg6	4	-	-	-
Isopropyltoluene[4-]	SW-846:8260B	ug/L	35	0	0	1	1	1	35	100	-	-	0	0	0	0	-	-	4	-	-	-
Methacrylonitrile	SW-846:8260B	ug/L	32	0	0	5	5	5	32	100	-	-	32	0	0	0	1.042857	Reg6	3	-	-	-
Methyl Methacrylate	SW-846:8260B	ug/L	32	0	0	5	5	5	32	100	-	-	0	0	0	0	1419.444	Reg6	3	-	-	-
Methyl tert-Butyl Ether	SW-846:8260B	ug/L	8	0	0	1	1	1	8	100	-	-	0	0	0	0	370.8305	Reg6	3	-	-	-
Methyl-2-pentanone[4-]	SW-846:8260B	ug/L	35	2	6	5.8	8.2	10.6	33	94	-	-	0	0	0	0	1990.909	Reg6	4	-	-	-
Methylene Chloride	SW-846:8260B	ug/L	34	0	0	2.26	4.91941	5	34	100	-	-	0	0	0	0	5	MCL	4	-	-	-
Naphthalene	SW-846:8260B	ug/L	31	0	0	0.307	0.92658	1	31	100	-	-	0	0	0	0	-	-	3	-	-	-
Propionitrile	SW-846:8260B	ug/L	32	0	0	5	5	5	32	100	-	-	0	0	0	0	-	-	3	-	-	-
Propylbenzene[1-]	SW-846:8260B	ug/L	34	0	0	1	1	1	34	100	-	-	0	0	0	0	60.83333	Reg6	4	-	-	-
Styrene	SW-846:8260B	ug/L	34	0	0	1	1	1	34	100	-	-	0	0	0	0	100	MCL	4	-	-	-
Tetrachloroethane[1,1,1,2-]	SW-846:8260B	ug/L	35	0	0	1	1	1	35	100	-	-	0	0	0	0	25.49549	Reg6	4	-	-	-
Tetrachloroethane[1,1,2,2-]	SW-846:8260B	ug/L	35	0	0	1	1	1	35	100	-	-	0	0	0	0	10	NMGSU	4	-	-	-
Tetrachloroethene	SW-846:8260B	ug/L	31	0	0	1	1	1	31	100	-	-	0	0	0	0	5	MCL	4	-	-	-
Toluene	SW-846:8260B	ug/L	36	12	33	0.606	7.553	31.2	24	67	-	-	0	0	0	0	750	NMGSU	4	-	-	-
Trichloro-1,2,2-trifluoroethane[1,1,2-]	SW-846:8260B	ug/L	33	0	0	5	5	5	33	100	-	-	0	0	0	0	59179.86	Reg6	4	-	-	-
Trichlorobenzene[1,2,3-]	SW-846:8260B	ug/L	31	0	0	1	1	1	31	100	-	-	0	0	0	0	-	-	3	-	-	-
Trichlorobenzene[1,2,4-]	SW-846:8260B	ug/L	31	0	0	1	1	1	31	100	-	-	0	0	0	0	-	-	3	-	-	-
Trichloroethane[1,1,1-]	SW-846:8260B	ug/L	35	0	0	1	1	1	35	100	-	-	0	0	0	0	60	NMGSU	4	-	-	-
Trichloroethane[1,1,2-]	SW-846:8260B	ug/L	35	0	0	1	1	1	35	100	-	-	0	0	0	0	5	MCL	4	-	-	-
Trichloroethene	SW-846:8260B	ug/L	35	0	0	1	1	1	35	100	-	-	0	0	0	0	5	MCL	4	-	-	-
Trichlorofluoromethane	SW-846:8260B	ug/L	35	0	0	1	1	1	35	100	-	-	0	0	0	0	5	MCL	4	-	-	-

Table B-3
Screening Table for Mortandad Canyon Watershed

Analyte	Method	Units	No. of Analyses	No. of Detects	D Rate %	Min	Mean	Max	No. of Non-detects	ND Rate %	BV	D> BV	ND> Std	D> Std	D> Std/2	D>Std/2 Rate %	Level	Std Type	Locations with Data (number)	D>Std (number of locations)	D>Std/2 (number of locations)	D>Std Stations
Trichloropropane[1,2,3-]	SW-846:8260B	ug/L	35	0	0	1	1	1	35	100	-	-	35	0	0	0	0.09469241	Reg6	4	-	-	-
Trimethylbenzene[1,2,4-]	SW-846:8260B	ug/L	35	0	0	1	1	1	35	100	-	-	0	0	0	0	12.42906	Reg6	4	-	-	-
Trimethylbenzene[1,3,5-]	SW-846:8260B	ug/L	35	0	0	1	1	1	35	100	-	-	0	0	0	0	12.32618	Reg6	4	-	-	-
Vinyl acetate	SW-846:8260B	ug/L	32	0	0	5	5	5	32	100	-	-	0	0	0	0	412.4294	Reg6	3	-	-	-
Vinyl Chloride	SW-846:8260B	ug/L	35	0	0	1	1	1	35	100	-	-	0	0	0	0	1	NMGSU	4	-	-	-
Xylene (Total)	SW-846:8260B	ug/L	1	0	0	1	1	1	1	100	-	-	0	0	0	0	10000	MCL	1	-	-	-
Xylene[1,2-]	SW-846:8260B	ug/L	34	0	0	1	1	1	34	100	-	-	0	0	0	0	1431.373	Reg6	4	-	-	-
Xylene[1,3-]+Xylene[1,4-]	SW-846:8260B	ug/L	34	0	0	2	2	2	34	100	-	-	0	0	0	0	-	-	4	-	-	-
Mortandad, VOA, UF, Regional																						
Acetone	SW-846:8260B	ug/L	126	13	10	1.34	12.7577	71.2	113	90	-	-	0	0	0	0	5475	Reg6	11	-	-	-
Acetonitrile	SW-846:8260B	ug/L	88	0	0	25	25	25	88	100	-	-	0	0	0	0	124.1	Reg6	11	-	-	-
Acrolein	SW-846:8260B	ug/L	94	0	0	5	5	5	94	100	-	-	94	0	0	0	0.04161916	Reg6	11	-	-	-
Acrylonitrile	SW-846:8260B	ug/L	99	0	0	5	5	5	99	100	-	-	99	0	0	0	1.237239	Reg6	11	-	-	-
Benzene	SW-846:8260B	ug/L	135	0	0	1	1	1	135	100	-	-	0	0	0	0	5	MCL	11	-	-	-
Bromobenzene	SW-846:8260B	ug/L	136	0	0	1	1	1	136	100	-	-	0	0	0	0	23.25201	Reg6	11	-	-	-
Bromochloromethane	SW-846:8260B	ug/L	139	0	0	1	1	1	139	100	-	-	0	0	0	0	-	-	11	-	-	-
Bromodichloromethane	SW-846:8260B	ug/L	139	0	0	1	1	1	139	100	-	-	0	0	0	0	10.69108	Reg6	11	-	-	-
Bromoform	SW-846:8260B	ug/L	139	0	0	1	1	1	139	100	-	-	0	0	0	0	85.10321	Reg6	11	-	-	-
Bromomethane	SW-846:8260B	ug/L	138	0	0	1	1	1	138	100	-	-	0	0	0	0	8.661017	Reg6	11	-	-	-
Butanol[1-]	SW-846:8260B	ug/L	17	0	0	50	50	50	17	100	-	-	0	0	0	0	3650	Reg6	11	-	-	-
Butanone[2-]	SW-846:8260B	ug/L	138	0	0	5	5	5	138	100	-	-	0	0	0	0	7064.516	Reg6	11	-	-	-
Butylbenzene[n-]	SW-846:8260B	ug/L	139	0	0	1	1	1	139	100	-	-	0	0	0	0	60.83333	Reg6	11	-	-	-
Butylbenzene[sec-]	SW-846:8260B	ug/L	139	0	0	1	1	1	139	100	-	-	0	0	0	0	60.83333	Reg6	11	-	-	-
Butylbenzene[tert-]	SW-846:8260B	ug/L	139	0	0	1	1	1	139	100	-	-	0	0	0	0	60.83333	Reg6	11	-	-	-
Carbon Disulfide	SW-846:8260B	ug/L	134	2	1	1.95	2.05	2.15	132	99	-	-	0	0	0	0	1042.857	Reg6	11	-	-	-
Carbon Tetrachloride	SW-846:8260B	ug/L	139	0	0	1	1	1	139	100	-	-	0	0	0	0	5	MCL	11	-	-	-
Chloro-1,3-butadiene[2-]	SW-846:8260B	ug/L	93	0	0	1	1	1	93	100	-	-	0	0	0	0	14.31373	Reg6	11	-	-	-
Chloro-1-propene[3-]	SW-846:8260B	ug/L	95	0	0	5	5	5	95	100	-	-	0	0	0	0	1825	Reg6	11	-	-	-
Chlorobenzene	SW-846:8260B	ug/L	139	0	0	1	1	1	139	100	-	-	0	0	0	0	100	MCL	11	-	-	-
Chlorodibromomethane	SW-846:8260B	ug/L	139	0	0	1	1	1	139	100	-	-	0	0	0	0	7.891034	Reg6	11	-	-	-
Chloroethane	SW-846:8260B	ug/L	133	0	0	1	1	1	133	100	-	-	0	0	0	0	228.5679	Reg6	11	-	-	-
Chloroethyl vinyl ether[2-]	EPA:624	ug/L	6	0	0	5	5	5	6	100	-	-	0	0	0	0	-	-	6	-	-	-
Chloroethyl vinyl ether[2-]	SW-846:8260B	ug/L	8	0	0	5	5	5	8	100	-	-	0	0	0	0	-	-	5	-	-	-
Chloroform	SW-846:8260B	ug/L	139	0	0	1	1	1	139	100	-	-	0	0	0	0	60	MCL	11	-	-	-
Chloromethane	SW-846:8260B	ug/L	137	2	1	1.1	1.135	1.17	135	99	-	-	0	0	0	0	21.34503	Reg6	11	-	-	-
Chlorotoluene[2-]	SW-846:8260B	ug/L	132	0	0	1	1	1	132	100	-	-	0	0	0	0	121.6667	Reg6	11	-	-	-
Chlorotoluene[4-]	SW-846:8260B	ug/L	139	0	0	1	1	1	139	100	-	-	0	0	0	0	-	-	11	-	-	-
Dibromo-3-Chloropropane[1,2-]	SW-846:8260B	ug/L	139	0	0	1	1	1	139	100	-	-	139	0	0	0	0.2	MCL	11	-	-	-
Dibromoethane[1,2-]	SW-846:8260B	ug/L	139	0	0	1	1	1	139	100	-	-	139	0	0	0	0.05	MCL	11	-	-	-
Dibromomethane	SW-846:8260B	ug/L	139	0	0	1	1	1	139	100	-	-	0	0	0	0	60.83333	Reg6	11	-	-	-
Dichlorobenzene[1,2-]	SW-846:8260B	ug/L	134	0	0	1	1	1	134	100	-	-	0	0	0	0	-	-	11	-	-	-
Dichlorobenzene[1,3-]	SW-846:8260B	ug/L	134	0	0	1	1	1	134	100	-	-	0	0	0	0	-	-	11	-	-	-
Dichlorobenzene[1,4-]	SW-846:8260B	ug/L	135	1	1	0.32	0.32	0.32	134	99	-	-	0	0	0	0	-	-	11	-	-	-
Dichlorodifluoromethane	SW-846:8260B	ug/L	139	0	0	1	1	1	139	100	-	-	0	0	0	0	394.5946	Reg6	11	-	-	-
Dichloroethane[1,1-]	SW-846:8260B	ug/L	139	0	0	1	1	1	139	100	-	-	0	0	0	0	25	NMGSU	11	-	-	-
Dichloroethane[1,2-]	SW-846:8260B	ug/L	139	0	0	1	1	1	139	100	-	-	0	0	0	0	5	MCL	11	-	-	-
Dichloroethene[1,1-]	SW-846:8260B	ug/L	139	0	0	1	1	1	139	100	-	-	0	0	0	0	5	NMGSU	11	-	-	-
Dichloroethene[cis-1,2-]	SW-846:8260B	ug/L	135	0	0	1	1	1	135	100	-	-	0	0	0	0	70	MCL	11	-	-	-
Dichloroethene[trans-1,2-]	SW-846:8260B	ug/L	139	0	0	1	1	1	139	100	-	-	0	0	0	0	100	MCL	11	-	-	-
Dichloropropane[1,2-]	SW-846:8260B	ug/L	139	0	0	1	1	1	139	100	-	-	0	0	0	0	5	MCL	11	-	-	-
Dichloropropane[1,3-]	SW-846:8260B	ug/L	139	0	0	1	1	1	139	100	-	-	0	0	0	0	-	-	11	-	-	-
Dichloropropane[2,2-]	SW-846:8260B	ug/L	139	0	0	1	1	1	139	100	-	-	0	0	0	0	-	-	11	-	-	-
Dichloropropene[1,1-]	SW-846:8260B	ug/L	139	0	0	1	1	1	139	100	-	-	0	0	0	0	-	-	11	-	-	-
Dichloropropene[cis/trans-1,3-]	SW-846:8260B	ug/L	12	0	0	1	1	1	12	100	-	-	0	0	0	0	6.709735	Reg6	9	-	-	-
Dichloropropene[cis-1,3-]	SW-846:8260B	ug/L	139	0	0	1	1	1	139	100	-	-	0	0	0	0	-	-	11	-	-	-
Dichloropropene[trans-1,3-]	SW-846:8260B	ug/L	139	0	0	1	1	1	139	100	-	-	0	0	0	0	-	-	11	-	-	-
Diethyl Ether	SW-846:8260B	ug/L	24	0	0	1	1	1	24	100	-	-	0	0	0	0	-	-	11	-	-	-
Dioxane[1,4-]	SW-846:8260B	ug/L	2	0	0	50	50	50	2	100	-	-	0	0	0	0	-	-	2	-	-	-

Table B-3
Screening Table for Mortandad Canyon Watershed

Analyte	Method	Units	No. of Analyses	No. of Detects	D Rate %	Min	Mean	Max	No. of Non-detects	ND Rate %	BV	D> BV	ND> Std	D> Std	D> Std/2	D>Std/2 Rate %	Level	Std Type	Locations with Data (number)	D>Std (number of locations)	D>Std/2 (number of locations)	D>Std Stations
Ethyl Methacrylate	SW-846:8260B	ug/L	95	0	0	*5*	*5*	*5*	95	100	-	-	0	0	0	0	547.5	Reg6	11	-	-	-
Ethylbenzene	SW-846:8260B	ug/L	136	0	0	*1*	*1*	*1*	136	100	-	-	0	0	0	0	700	MCL	11	-	-	-
Hexachlorobutadiene	SW-846:8260B	ug/L	91	0	0	*1*	*1*	*1*	91	100	-	-	0	0	0	0	-	-	11	-	-	-
Hexanone[2-]	SW-846:8260B	ug/L	134	0	0	*5*	*5*	*5*	134	100	-	-	0	0	0	0	-	-	11	-	-	-
Iodomethane	SW-846:8260B	ug/L	139	0	0	*5*	*5*	*5*	139	100	-	-	0	0	0	0	-	-	11	-	-	-
Isobutyl alcohol	SW-846:8260B	ug/L	80	0	0	*50*	*50*	*50*	80	100	-	-	0	0	0	0	1825	Reg6	11	-	-	-
Isopropylbenzene	SW-846:8260B	ug/L	139	6	4	0.25	0.33333	0.39	133	96	-	-	0	0	0	0	658.1967	Reg6	11	-	-	-
Isopropyltoluene[4-]	SW-846:8260B	ug/L	139	0	0	*1*	*1*	*1*	139	100	-	-	0	0	0	0	-	-	11	-	-	-
Methacrylonitrile	SW-846:8260B	ug/L	95	0	0	*5*	*5*	*5*	95	100	-	-	95	0	0	0	1.042857	Reg6	11	-	-	-
Methyl Methacrylate	SW-846:8260B	ug/L	95	0	0	*5*	*5*	*5*	95	100	-	-	0	0	0	0	1419.444	Reg6	11	-	-	-
Methyl tert-Butyl Ether	SW-846:8260B	ug/L	24	0	0	*1*	*1*	*1*	24	100	-	-	0	0	0	0	370.8305	Reg6	11	-	-	-
Methyl-2-pentanone[4-]	SW-846:8260B	ug/L	137	0	0	*5*	*5*	*5*	137	100	-	-	0	0	0	0	1990.909	Reg6	11	-	-	-
Methylene Chloride	SW-846:8260B	ug/L	133	0	0	*2.06*	*4.91827*	*8.71*	133	100	-	-	2	0	0	0	5	MCL	11	-	-	-
Naphthalene	SW-846:8260B	ug/L	91	0	0	*0.275*	*0.96703*	*1.3*	91	100	-	-	0	0	0	0	-	-	11	-	-	-
Propionitrile	SW-846:8260B	ug/L	95	0	0	*5*	*5*	*5*	95	100	-	-	0	0	0	0	-	-	11	-	-	-
Propylbenzene[1-]	SW-846:8260B	ug/L	136	0	0	*1*	*1*	*1*	136	100	-	-	0	0	0	0	60.83333	Reg6	11	-	-	-
Styrene	SW-846:8260B	ug/L	136	0	0	*1*	*1*	*1*	136	100	-	-	0	0	0	0	100	MCL	11	-	-	-
Tetrachloroethane[1,1,1,2-]	SW-846:8260B	ug/L	138	0	0	*1*	*1*	*1*	138	100	-	-	0	0	0	0	25.49549	Reg6	11	-	-	-
Tetrachloroethane[1,1,2,2-]	SW-846:8260B	ug/L	139	0	0	*1*	*1*	*1*	139	100	-	-	0	0	0	0	10	NMGSU	11	-	-	-
Tetrachloroethene	SW-846:8260B	ug/L	132	0	0	*0.263*	*0.99442*	*1*	132	100	-	-	0	0	0	0	5	MCL	11	-	-	-
Toluene	SW-846:8260B	ug/L	139	7	5	0.278	8.78571	29.1	132	95	-	-	0	0	0	0	750	NMGSU	11	-	-	-
Trichloro-1,2,2-trifluoroethane[1,1,2-]	SW-846:8260B	ug/L	135	0	0	*5*	*5*	*5*	135	100	-	-	0	0	0	0	59179.86	Reg6	11	-	-	-
Trichlorobenzene[1,2,3-]	SW-846:8260B	ug/L	87	0	0	*1*	*1*	*1*	87	100	-	-	0	0	0	0	-	-	11	-	-	-
Trichlorobenzene[1,2,4-]	SW-846:8260B	ug/L	91	0	0	*1*	*1*	*1*	91	100	-	-	0	0	0	0	-	-	11	-	-	-
Trichloroethane[1,1,1-]	SW-846:8260B	ug/L	139	0	0	*1*	*1*	*1*	139	100	-	-	0	0	0	0	60	NMGSU	11	-	-	-
Trichloroethane[1,1,2-]	SW-846:8260B	ug/L	139	0	0	*1*	*1*	*1*	139	100	-	-	0	0	0	0	5	MCL	11	-	-	-
Trichloroethene	SW-846:8260B	ug/L	139	0	0	*1*	*1*	*1*	139	100	-	-	0	0	0	0	5	MCL	11	-	-	-
Trichlorofluoromethane	SW-846:8260B	ug/L	139	0	0	*1*	*1*	*1*	139	100	-	-	0	0	0	0	5	MCL	11	-	-	-
Trichloropropane[1,2,3-]	SW-846:8260B	ug/L	139	0	0	*1*	*1*	*1*	139	100	-	-	139	0	0	0	0.09469241	Reg6	11	-	-	-
Trimethylbenzene[1,2,4-]	SW-846:8260B	ug/L	139	0	0	*1*	*1*	*1*	139	100	-	-	0	0	0	0	12.42906	Reg6	11	-	-	-
Trimethylbenzene[1,3,5-]	SW-846:8260B	ug/L	139	0	0	*1*	*1*	*1*	139	100	-	-	0	0	0	0	12.32618	Reg6	11	-	-	-
Vinyl acetate	SW-846:8260B	ug/L	95	0	0	*5*	*5*	*5*	95	100	-	-	0	0	0	0	412.4294	Reg6	11	-	-	-
Vinyl Chloride	SW-846:8260B	ug/L	139	0	0	*1*	*1*	*1*	139	100	-	-	0	0	0	0	1	NMGSU	11	-	-	-
Xylene (Total)	SW-846:8260B	ug/L	42	0	0	*1*	*1.14286*	*3*	42	100	-	-	0	0	0	0	10000	MCL	10	-	-	-
Xylene[1,2-]	SW-846:8260B	ug/L	101	0	0	*1*	*1*	*1*	101	100	-	-	0	0	0	0	1431.373	Reg6	11	-	-	-
Xylene[1,3-]+Xylene[1,4-]	SW-846:8260B	ug/L	101	1	1	0.341	0.341	0.341	100	99	-	-	0	0	0	0	-	-	11	-	-	-
Mortandad, RAD, F, Ephemeral																						
Americium-241	HASL-300:AM-241	pCi/L	25	10	40	0.0466	1.37076	4.07	15	60	-	-	0	0	0	0	20	NMRPS	9	-	-	-
Cesium-137	EPA:901.1	pCi/L	23	5	22	9	16.918	33.5	18	78	-	-	0	0	2	9	40	BCG	9	-	1	-
Cobalt-60	EPA:901.1	pCi/L	23	0	0	*-2.15*	*0.16519*	*3.17*	23	100	-	-	0	0	0	0	3000	NMRPS	9	-	-	-
Gross alpha	EPA:900	pCi/L	25	8	32	1.94	4.51375	7.98	17	68	-	-	0	0	0	0	-	-	9	-	-	-
Gross beta	EPA:900	pCi/L	25	24	96	3.47	29.2392	109	1	4	-	-	0	0	0	0	-	-	9	-	-	-
Gross gamma	EPA:901.1	pCi/L	25	0	0	*38.4*	*136.736*	*1140*	25	100	-	-	0	0	0	0	-	-	9	-	-	-
Neptunium-237	EPA:901.1	pCi/L	25	0	0	*-23*	*0.13801*	*17.8*	25	100	-	-	0	0	0	0	20	NMRPS	9	-	-	-
Plutonium-238	HASL-300:ISOPU	pCi/L	25	13	52	0.0249	0.49963	2.44	12	48	-	-	0	0	0	0	20	NMRPS	9	-	-	-
Plutonium-239/240	HASL-300:ISOPU	pCi/L	25	10	40	0.0712	0.86822	2.76	15	60	-	-	0	0	0	0	20	NMRPS	9	-	-	-
Potassium-40	EPA:901.1	pCi/L	22	1	5	31.3	31.3	31.3	21	95	-	-	0	0	0	0	4000	NMRPS	9	-	-	-
Radium-226	EPA:903.1	pCi/L	9	5	56	0.371	0.6498	1.45	4	44	-	-	0	0	0	0	60	NMRPS	9	-	-	-
Sodium-22	EPA:901.1	pCi/L	25	0	0	*-1.99*	*0.36595*	*1.73*	25	100	-	-	0	0	0	0	6000	NMRPS	9	-	-	-
Strontium-90	EPA:905.0	pCi/L	25	16	64	0.362	9.457	41.4	9	36	-	-	0	0	0	0	300	BCG	9	-	-	-
Uranium-234	HASL-300:ISOU	pCi/L	25	20	80	0.0799	0.24104	0.646	5	20	-	-	0	0	0	0	200	BCG	9	-	-	-
Uranium-235/Uranium-236	HASL-300:ISOU	pCi/L	25	0	0	*-0.0425*	*0.02005*	*0.0568*	25	100	-	-	0	0	0	0	-	-	9	-	-	-
Uranium-238	HASL-300:ISOU	pCi/L	25	20	80	0.063	0.13753	0.369	5	20	-	-	0	0	0	0	200	BCG	9	-	-	-
Mortandad, RAD, UF, Ephemeral																						
Americium-241	Generic:Alpha-Spec	pCi/L	5	5	100	3.04	8.834	15.1	0	0	-	-	0	0	2	40	20	NMRPS	1	-	1	-
Americium-241	HASL-300:AM-241	pCi/L	25	10	40	0.0809	3.11509	8.64	15	60	-	-	0	0	0	0	20	NMRPS	9	-	-	-

Table B-3
Screening Table for Mortandad Canyon Watershed

Analyte	Method	Units	No. of Analyses	No. of Detects	D Rate %	Min	Mean	Max	No. of Non-detects	ND Rate %	BV	D> BV	ND> Std	D> Std	D> Std/2	D>Std/2 Rate %	Level	Std Type	Locations with Data (number)	D>Std (number of locations)	D>Std/2 (number of locations)	D>Std Stations
Cesium-137	EPA:901.1	pCi/L	29	12	41	6.15	27.0875	50.9	17	59	-	-	0	2	8	28	40	BCG	9	2	2	E-1E, Mortandad below Effluent Canyon
Cobalt-60	EPA:901.1	pCi/L	29	0	0	*-1.72*	*0.51581*	*2.37*	29	100	-	-	0	0	0	0	3000	NMRPS	9	-	-	-
Gross alpha	EPA:900	pCi/L	30	24	80	1.85	10.7946	51.2	6	20	-	-	0	0	0	0	-	-	9	-	-	-
Gross beta	EPA:900	pCi/L	30	30	100	3.15	37.3253	119	0	0	-	-	0	0	0	0	-	-	9	-	-	-
Gross gamma	EPA:901.1	pCi/L	30	0	0	*53.6*	*98.14*	*190*	30	100	-	-	0	0	0	0	-	-	9	-	-	-
Neptunium-237	EPA:901.1	pCi/L	30	0	0	*-16.5*	*0.52153*	*19.5*	30	100	-	-	0	0	0	0	20	NMRPS	9	-	-	-
Plutonium-238	Generic:Alpha-Spec	pCi/L	5	5	100	3.1	5.234	7.57	0	0	-	-	0	0	0	0	20	NMRPS	1	-	-	-
Plutonium-238	HASL-300:ISOPU	pCi/L	25	15	60	0.044	1.12998	4.39	10	40	-	-	0	0	0	0	20	NMRPS	9	-	-	-
Plutonium-239/240	Generic:Alpha-Spec	pCi/L	5	5	100	1.76	3.502	4.86	0	0	-	-	0	0	0	0	20	NMRPS	1	-	-	-
Plutonium-239/240	HASL-300:ISOPU	pCi/L	25	12	48	0.0704	1.90287	5.45	13	52	-	-	0	0	0	0	20	NMRPS	9	-	-	-
Potassium-40	EPA:901.1	pCi/L	28	1	4	63.6	63.6	63.6	27	96	-	-	0	0	0	0	4000	NMRPS	9	-	-	-
Radium-226	EPA:903.1	pCi/L	14	4	29	0.465	0.63	0.767	10	71	-	-	0	0	0	0	60	NMRPS	9	-	-	-
Sodium-22	EPA:901.1	pCi/L	30	2	7	12.8	13.35	13.9	28	93	-	-	0	0	0	0	6000	NMRPS	9	-	-	-
Strontium-90	EPA:905.0	pCi/L	25	17	68	0.367	8.79559	43.9	8	32	-	-	0	0	0	0	300	BCG	9	-	-	-
Strontium-90	Generic:Gas Flow Proportional Counting	pCi/L	5	4	80	3.5	8.38	14.5	1	20	-	-	0	0	0	0	300	BCG	1	-	-	-
Technetium-99	HASL-300:TC99	pCi/L	15	2	13	7.35	8.61	9.87	13	87	-	-	0	0	0	0	700000	BCG	8	-	-	-
Thorium-228	Generic:Alpha-Spec	pCi/L	5	2	40	0.041	0.0845	0.128	3	60	-	-	0	0	0	0	-	-	1	-	-	-
Thorium-230	Generic:Alpha-Spec	pCi/L	5	0	0	*0.0221*	*0.05768*	*0.0851*	5	100	-	-	0	0	0	0	-	-	1	-	-	-
Thorium-232	Generic:Alpha-Spec	pCi/L	5	1	20	0.108	0.108	0.108	4	80	-	-	0	0	0	0	300	BCG	1	-	-	-
Tritium	EPA:906.0	pCi/L	28	17	61	189	2588.06	12900	11	39	-	-	0	0	0	0	1000000	NMRPS	9	-	-	-
Tritium	Generic:LLEE	pCi/L	21	21	100	54.9196	114.477	590.705	0	0	-	-	0	0	0	0	1000000	NMRPS	8	-	-	-
Uranium-234	Generic:Alpha-Spec	pCi/L	5	5	100	0.41	1.0068	2.93	0	0	-	-	0	0	0	0	200	BCG	1	-	-	-
Uranium-234	HASL-300:ISOU	pCi/L	25	23	92	0.0777	0.2832	0.804	2	8	-	-	0	0	0	0	200	BCG	9	-	-	-
Uranium-235/Uranium-236	Generic:Alpha-Spec	pCi/L	5	3	60	0.0814	0.1288	0.17	2	40	-	-	0	0	0	0	-	-	1	-	-	-
Uranium-235/Uranium-236	HASL-300:ISOU	pCi/L	25	1	4	0.0639	0.0639	0.0639	24	96	-	-	0	0	0	0	-	-	9	-	-	-
Uranium-238	Generic:Alpha-Spec	pCi/L	5	5	100	0.141	0.196	0.259	0	0	-	-	0	0	0	0	200	BCG	1	-	-	-
Uranium-238	HASL-300:ISOU	pCi/L	25	24	96	0.0685	0.17806	0.49	1	4	-	-	0	0	0	0	200	BCG	9	-	-	-
Mortandad, RAD, F, Springs																						
Americium-241	HASL-300:AM-241	pCi/L	1	0	0	*-0.0074*	*-0.0074*	*-0.0074*	1	100	-	-	0	0	0	0	20	NMRPS	1	-	-	-
Cesium-137	EPA:901.1	pCi/L	1	0	0	*1.33*	*1.33*	*1.33*	1	100	-	-	0	0	0	0	1000	NMRPS	1	-	-	-
Cobalt-60	EPA:901.1	pCi/L	1	0	0	*-1.14*	*-1.14*	*-1.14*	1	100	-	-	0	0	0	0	3000	NMRPS	1	-	-	-
Gross alpha	EPA:900	pCi/L	1	1	100	29.2	29.2	29.2	0	0	-	-	0	1	1	100	15	MCL	1	1	1	Pine Rock Spring
Gross beta	EPA:900	pCi/L	1	1	100	15.2	15.2	15.2	0	0	-	-	0	0	0	0	50	SMCL	1	-	-	-
Gross gamma	EPA:901.1	pCi/L	1	0	0	*254*	*254*	*254*	1	100	-	-	0	0	0	0	-	-	1	-	-	-
Neptunium-237	EPA:901.1	pCi/L	1	0	0	*-9.94*	*-9.94*	*-9.94*	1	100	-	-	0	0	0	0	20	NMRPS	1	-	-	-
Plutonium-238	HASL-300:ISOPU	pCi/L	1	0	0	*3E-10*	*3E-10*	*3E-10*	1	100	-	-	0	0	0	0	20	NMRPS	1	-	-	-
Plutonium-239/240	HASL-300:ISOPU	pCi/L	1	0	0	*-0.0051*	*-0.0051*	*-0.0051*	1	100	-	-	0	0	0	0	20	NMRPS	1	-	-	-
Potassium-40	EPA:901.1	pCi/L	1	0	0	*25.7*	*25.7*	*25.7*	1	100	-	-	0	0	0	0	4000	NMRPS	1	-	-	-
Sodium-22	EPA:901.1	pCi/L	1	0	0	*1.38*	*1.38*	*1.38*	1	100	-	-	0	0	0	0	6000	NMRPS	1	-	-	-
Strontium-90	EPA:905.0	pCi/L	1	0	0	*0.343*	*0.343*	*0.343*	1	100	-	-	0	0	0	0	8	MCL	1	-	-	-
Uranium-234	HASL-300:ISOU	pCi/L	1	1	100	14.7	14.7	14.7	0	0	-	-	0	0	0	0	300	NMRPS	1	-	-	-
Uranium-235/Uranium-236	HASL-300:ISOU	pCi/L	1	1	100	0.6	0.6	0.6	0	0	-	-	0	0	0	0	-	-	1	-	-	-
Uranium-238	HASL-300:ISOU	pCi/L	1	1	100	9.98	9.98	9.98	0	0	-	-	0	0	0	0	300	NMRPS	1	-	-	-
Mortandad, RAD, UF, Springs																						
Americium-241	HASL-300:AM-241	pCi/L	1	0	0	*0.00785*	*0.00785*	*0.00785*	1	100	-	-	0	0	0	0	20	NMRPS	1	-	-	-
Cesium-137	EPA:901.1	pCi/L	1	0	0	*-1.26*	*-1.26*	*-1.26*	1	100	-	-	0	0	0	0	1000	NMRPS	1	-	-	-
Cobalt-60	EPA:901.1	pCi/L	1	0	0	*1.1*	*1.1*	*1.1*	1	100	-	-	0	0	0	0	3000	NMRPS	1	-	-	-
Gross alpha	EPA:900	pCi/L	1	1	100	27.8	27.8	27.8	0	0	-	-	0	1	1	100	15	MCL	1	1	1	Pine Rock Spring
Gross beta	EPA:900	pCi/L	1	1	100	15.1	15.1	15.1	0	0	-	-	0	0	0	0	50	SMCL	1	-	-	-
Gross gamma	EPA:901.1	pCi/L	1	0	0	*114*	*114*	*114*	1	100	-	-	0	0	0	0	-	-	1	-	-	-
Neptunium-237	EPA:901.1	pCi/L	1	0	0	*21.3*	*21.3*	*21.3*	1	100	-	-	1	0	0	0	20	NMRPS	1	-	-	-
Plutonium-238	HASL-300:ISOPU	pCi/L	1	0	0	*0.00742*	*0.00742*	*0.00742*	1	100	-	-	0	0	0	0	20	NMRPS	1	-	-	-

Table B-3
Screening Table for Mortandad Canyon Watershed

Analyte	Method	Units	No. of Analyses	No. of Detects	D Rate %	Min	Mean	Max	No. of Non-detects	ND Rate %	BV	D> BV	ND> Std	D> Std	D> Std/2	D>Std/2 Rate %	Level	Std Type	Locations with Data (number)	D>Std (number of locations)	D>Std/2 (number of locations)	D>Std Stations
Plutonium-239/240	HASL-300:ISOPU	pCi/L	1	0	0	*-0.0148*	*-0.0148*	*-0.0148*	1	100	-	-	0	0	0	0	20	NMRPS	1	-	-	-
Potassium-40	EPA:901.1	pCi/L	1	0	0	*21.2*	*21.2*	*21.2*	1	100	-	-	0	0	0	0	4000	NMRPS	1	-	-	-
Sodium-22	EPA:901.1	pCi/L	1	0	0	*1.75*	*1.75*	*1.75*	1	100	-	-	0	0	0	0	6000	NMRPS	1	-	-	-
Strontium-90	EPA:905.0	pCi/L	1	0	0	*0.229*	*0.229*	*0.229*	1	100	-	-	0	0	0	0	8	MCL	1	-	-	-
Tritium	Generic:LLEE	pCi/L	5	5	100	25.2247	28.4113	30.9721	0	0	-	-	0	0	0	0	20000	MCL	1	-	-	-
Uranium-234	HASL-300:ISOU	pCi/L	1	1	100	14	14	14	0	0	-	-	0	0	0	0	300	NMRPS	1	-	-	-
Uranium-235/Uranium-236	HASL-300:ISOU	pCi/L	1	1	100	0.657	0.657	0.657	0	0	-	-	0	0	0	0	-	-	1	-	-	-
Uranium-238	HASL-300:ISOU	pCi/L	1	1	100	9.07	9.07	9.07	0	0	-	-	0	0	0	0	300	NMRPS	1	-	-	-
Mortandad, RAD, F, Alluvial																						
Americium-241	HASL-300:AM-241	pCi/L	36	30	83	0.0423	0.13281	1.19	6	17	-	-	0	0	0	0	20	NMRPS	11	-	-	-
Cesium-137	EPA:901.1	pCi/L	35	1	3	4.28	4.28	4.28	34	97	-	-	0	0	0	0	1000	NMRPS	11	-	-	-
Cobalt-60	EPA:901.1	pCi/L	36	0	0	*-1.64*	*0.59389*	*3.31*	36	100	-	-	0	0	0	0	3000	NMRPS	11	-	-	-
Gross alpha	EPA:900	pCi/L	36	16	44	1.77	2.94313	5.16	20	56	-	-	0	0	0	0	15	MCL	12	-	-	-
Gross beta	EPA:900	pCi/L	36	36	100	4.97	53.8317	150	0	0	-	-	0	14	21	58	50	SMCL	11	4	7	MCA-5, MCO-4B, MCO-5, MCO-6
Gross gamma	EPA:901.1	pCi/L	36	0	0	*50.5*	*132.631*	*1480*	36	100	-	-	0	0	0	0	-	-	11	-	-	-
Neptunium-237	EPA:901.1	pCi/L	35	0	0	*-14.6*	*0.47449*	*20*	35	100	-	-	0	0	0	0	20	NMRPS	11	-	-	-
Plutonium-238	HASL-300:ISOPU	pCi/L	36	6	17	0.0401	0.18005	0.782	30	83	-	-	0	0	0	0	20	NMRPS	11	-	-	-
Plutonium-239/240	HASL-300:ISOPU	pCi/L	36	6	17	0.0429	0.19702	0.763	30	83	-	-	0	0	0	0	20	NMRPS	11	-	-	-
Potassium-40	EPA:901.1	pCi/L	30	3	10	41	51.6667	70.8	27	90	-	-	0	0	0	0	4000	NMRPS	11	-	-	-
Radium-226	EPA:903.1	pCi/L	11	9	82	0.502	1.27756	2.19	2	18	-	-	0	0	0	0	5	MCL	10	-	-	-
Radium-228	EPA:904	pCi/L	1	0	0	*0.675*	*0.675*	*0.675*	1	100	-	-	0	0	0	0	5	MCL	1	-	-	-
Sodium-22	EPA:901.1	pCi/L	31	0	0	*-2.36*	*1.32435*	*3.49*	31	100	-	-	0	0	0	0	6000	NMRPS	11	-	-	-
Strontium-90	EPA:905.0	pCi/L	36	24	67	0.322	21.9988	60	12	33	-	-	0	17	17	47	8	MCL	11	5	5	MCA-2, MCA-5, MCO-4B, MCO-5, MCO-6
Uranium-234	HASL-300:ISOU	pCi/L	36	35	97	0.103	0.60494	1.5	1	3	-	-	0	0	0	0	300	NMRPS	11	-	-	-
Uranium-235/Uranium-236	HASL-300:ISOU	pCi/L	36	9	25	0.035	0.07136	0.119	27	75	-	-	0	0	0	0	-	-	11	-	-	-
Uranium-238	HASL-300:ISOU	pCi/L	36	35	97	0.098	0.37283	1.38	1	3	-	-	0	0	0	0	300	NMRPS	11	-	-	-
Mortandad, RAD, UF, Alluvial																						
Americium-241	Generic:Alpha-Spec	pCi/L	17	16	94	0.132	0.74569	3.98	1	6	-	-	0	0	0	0	20	NMRPS	7	-	-	-
Americium-241	HASL-300:AM-241	pCi/L	37	31	84	0.0256	0.2257	2.44	6	16	-	-	0	0	0	0	20	NMRPS	12	-	-	-
Cesium-137	EPA:901.1	pCi/L	51	2	4	7.53	7.805	8.08	49	96	-	-	0	0	0	0	1000	NMRPS	14	-	-	-
Cobalt-60	EPA:901.1	pCi/L	54	0	0	*-2.3*	*0.47209*	*4.29*	54	100	-	-	0	0	0	0	3000	NMRPS	14	-	-	-
Gross alpha	EPA:900	pCi/L	53	33	62	2.06	5.25485	27.7	20	38	-	-	0	1	5	9	15	MCL	14	1	5	MCO-2
Gross beta	EPA:900	pCi/L	54	54	100	3.26	72.1461	262	0	0	-	-	0	28	37	69	50	SMCL	14	7	10	MCA-2, MCA-5, MCO-3, MCO-4B, MCO-5, MCO-6, MCO-7
Gross gamma	EPA:901.1	pCi/L	54	0	0	*42.2*	*130.161*	*1440*	54	100	-	-	0	0	0	0	-	-	14	-	-	-
Neptunium-237	EPA:901.1	pCi/L	53	0	0	*-21.4*	*1.98851*	*21.4*	53	100	-	-	1	0	0	0	20	NMRPS	14	-	-	-
Plutonium-238	Generic:Alpha-Spec	pCi/L	17	8	47	0.00204	0.63518	2.19	9	53	-	-	0	0	0	0	20	NMRPS	7	-	-	-
Plutonium-238	HASL-300:ISOPU	pCi/L	37	9	24	0.0222	0.2921	1.75	28	76	-	-	0	0	0	0	20	NMRPS	12	-	-	-
Plutonium-239/240	Generic:Alpha-Spec	pCi/L	17	5	29	0.0224	0.73068	1.78	12	71	-	-	0	0	0	0	20	NMRPS	7	-	-	-
Plutonium-239/240	HASL-300:ISOPU	pCi/L	37	9	24	0.0333	0.39509	1.96	28	76	-	-	0	0	0	0	20	NMRPS	12	-	-	-
Potassium-40	EPA:901.1	pCi/L	45	4	9	41.1	54.15	68	41	91	-	-	0	0	0	0	4000	NMRPS	14	-	-	-
Radium-226	EPA:903.1	pCi/L	23	19	83	0.347	1.05553	2.27	4	17	-	-	0	0	0	0	5	MCL	10	-	-	-
Sodium-22	EPA:901.1	pCi/L	38	1	3	12.4	12.4	12.4	37	97	-	-	0	0	0	0	6000	NMRPS	14	-	-	-
Strontium-90	EPA:905.0	pCi/L	37	24	65	0.381	24.6185	65.4	13	35	-	-	0	17	17	46	8	MCL	12	5	5	MCA-2, MCA-5, MCO-4B, MCO-5, MCO-6
Strontium-90	Generic:Gas Flow Proportional Counting	pCi/L	17	15	88	1.59	38.7127	81.6	2	12	-	-	0	11	11	65	8	MCL	7	4	4	MCO-3, MCO-4B, MCO-5, MCO-6

Table B-3
Screening Table for Mortandad Canyon Watershed

Analyte	Method	Units	No. of Analyses	No. of Detects	D Rate %	Min	Mean	Max	No. of Non-detects	ND Rate %	BV	D> BV	ND> Std	D> Std	D> Std/2	D>Std/2 Rate %	Level	Std Type	Locations with Data (number)	D>Std (number of locations)	D>Std/2 (number of locations)	D>Std Stations
Technetium-99	HASL-300:TC99	pCi/L	20	17	85	6.25	12.9106	23.1	3	15	-	-	0	0	0	0	4000	DCG	11	-	-	-
Thorium-228	Generic:Alpha-Spec	pCi/L	13	2	15	0.109	0.1155	0.122	11	85	-	-	0	0	0	0	-	-	7	-	-	-
Thorium-230	Generic:Alpha-Spec	pCi/L	13	5	38	0.0364	0.07748	0.162	8	62	-	-	0	0	0	0	-	-	7	-	-	-
Thorium-232	Generic:Alpha-Spec	pCi/L	13	3	23	0.0542	0.05577	0.0572	10	77	-	-	0	0	0	0	-	-	7	-	-	-
Tritium	EPA:906.0	pCi/L	66	63	95	222	2233.79	8770	3	5	-	-	0	0	0	0	20000	MCL	13	-	-	-
Tritium	Generic:LLEE	pCi/L	20	20	100	32.5686	1308.22	6287.02	0	0	-	-	0	0	0	0	20000	MCL	12	-	-	-
Uranium-234	Generic:Alpha-Spec	pCi/L	17	17	100	0.101	1.20429	3.24	0	0	-	-	0	0	0	0	300	NMRPS	7	-	-	-
Uranium-234	HASL-300:ISOU	pCi/L	37	35	95	0.173	0.638	1.48	2	5	-	-	0	0	0	0	300	NMRPS	12	-	-	-
Uranium-235/Uranium-236	Generic:Alpha-Spec	pCi/L	17	12	71	0.0414	0.10767	0.212	5	29	-	-	0	0	0	0	-	-	7	-	-	-
Uranium-235/Uranium-236	HASL-300:ISOU	pCi/L	37	13	35	0.0459	0.07762	0.174	24	65	-	-	0	0	0	0	-	-	12	-	-	-
Uranium-238	Generic:Alpha-Spec	pCi/L	17	16	94	0.161	0.50044	0.913	1	6	-	-	0	0	0	0	300	NMRPS	7	-	-	-
Uranium-238	HASL-300:ISOU	pCi/L	37	36	97	0.0914	0.42398	1.53	1	3	-	-	0	0	0	0	300	NMRPS	12	-	-	-
Mortandad, RAD, F, Intermediate																						
Americium-241	HASL-300:AM-241	pCi/L	19	1	5	0.0659	0.0659	0.0659	18	95	-	-	0	0	0	0	20	NMRPS	4	-	-	-
Cesium-137	EPA:901.1	pCi/L	19	0	0	*-3.1*	*0.11729*	*1.99*	19	100	-	-	0	0	0	0	1000	NMRPS	4	-	-	-
Cobalt-60	EPA:901.1	pCi/L	19	0	0	*-2.62*	*0.42865*	*2.8*	19	100	-	-	0	0	0	0	3000	NMRPS	4	-	-	-
Gross alpha	EPA:900	pCi/L	16	2	13	2.11	2.475	2.84	14	88	-	-	0	0	0	0	15	MCL	3	-	-	-
Gross beta	EPA:900	pCi/L	16	7	44	2.4	5.78857	14.7	9	56	-	-	0	0	0	0	50	SMCL	3	-	-	-
Gross gamma	EPA:901.1	pCi/L	16	0	0	*47.1*	*96.7688*	*316*	16	100	-	-	0	0	0	0	-	-	3	-	-	-
Neptunium-237	EPA:901.1	pCi/L	16	0	0	*-15*	*3.02*	*28.6*	16	100	-	-	2	0	0	0	20	NMRPS	3	-	-	-
Plutonium-238	HASL-300:ISOPU	pCi/L	19	0	0	*-0.02*	*-0.0004*	*0.0256*	19	100	-	-	0	0	0	0	20	NMRPS	4	-	-	-
Plutonium-239/240	HASL-300:ISOPU	pCi/L	19	0	0	*-0.0162*	*-4E-05*	*0.00838*	19	100	-	-	0	0	0	0	20	NMRPS	4	-	-	-
Potassium-40	EPA:901.1	pCi/L	18	2	11	44.4	46.1	47.8	16	89	-	-	0	0	0	0	4000	NMRPS	4	-	-	-
Radium-226	EPA:903.1	pCi/L	4	2	50	0.782	1.911	3.04	2	50	-	-	0	0	1	25	5	MCL	3	-	1	-
Sodium-22	EPA:901.1	pCi/L	19	0	0	*-2.01*	*-0.1106*	*2.54*	19	100	-	-	0	0	0	0	6000	NMRPS	4	-	-	-
Strontium-90	EPA:905.0	pCi/L	19	0	0	*-0.292*	*-0.0096*	*0.327*	19	100	-	-	0	0	0	0	8	MCL	4	-	-	-
Uranium-234	HASL-300:ISOU	pCi/L	19	18	95	0.0654	0.21497	0.441	1	5	-	-	0	0	0	0	300	NMRPS	4	-	-	-
Uranium-235/Uranium-236	HASL-300:ISOU	pCi/L	19	3	16	0.06	0.06463	0.0693	16	84	-	-	0	0	0	0	-	-	4	-	-	-
Uranium-238	HASL-300:ISOU	pCi/L	19	12	63	0.0385	0.13208	0.191	7	37	-	-	0	0	0	0	300	NMRPS	4	-	-	-
Mortandad, RAD, UF, Intermediate																						
Americium-241	HASL-300:AM-241	pCi/L	18	0	0	*-0.0134*	*0.00268*	*0.0325*	18	100	-	-	0	0	0	0	20	NMRPS	4	-	-	-
Cesium-137	EPA:901.1	pCi/L	17	0	0	*-1.6*	*0.43708*	*3.44*	17	100	-	-	0	0	0	0	1000	NMRPS	4	-	-	-
Cobalt-60	EPA:901.1	pCi/L	18	0	0	*-1.93*	*0.61911*	*3.51*	18	100	-	-	0	0	0	0	3000	NMRPS	4	-	-	-
Gross alpha	EPA:900	pCi/L	16	1	6	2.2	2.2	2.2	15	94	-	-	0	0	0	0	15	MCL	3	-	-	-
Gross alpha/beta	EPA:900	pCi/L	3	0	0	*-0.96*	*0.12333*	*0.76*	3	100	-	-	0	0	0	0	-	-	1	-	-	-
Gross beta	EPA:900	pCi/L	19	8	42	2.03	5.46125	10.3	11	58	-	-	0	0	0	0	50	SMCL	4	-	-	-
Gross gamma	EPA:901.1	pCi/L	19	0	0	*42.7*	*101.9*	*250*	19	100	-	-	0	0	0	0	-	-	4	-	-	-
Neptunium-237	EPA:901.1	pCi/L	16	0	0	*-8.46*	*1.75569*	*34.4*	16	100	-	-	1	0	0	0	20	NMRPS	3	-	-	-
Plutonium-238	HASL-300:ISOPU	pCi/L	18	0	0	*-0.0156*	*0.00058*	*0.0139*	18	100	-	-	0	0	0	0	20	NMRPS	4	-	-	-
Plutonium-239/240	HASL-300:ISOPU	pCi/L	18	0	0	*-0.0111*	*0.00218*	*0.0254*	18	100	-	-	0	0	0	0	20	NMRPS	4	-	-	-
Potassium-40	EPA:901.1	pCi/L	16	0	0	*-8.96*	*16.0463*	*41.9*	16	100	-	-	0	0	0	0	4000	NMRPS	4	-	-	-
Radium-226	EPA:903.1	pCi/L	4	2	50	0.739	2.0095	3.28	2	50	-	-	0	0	1	25	5	MCL	3	-	1	-
Sodium-22	EPA:901.1	pCi/L	18	0	0	*-2.2*	*-0.2689*	*0.929*	18	100	-	-	0	0	0	0	6000	NMRPS	4	-	-	-
Strontium-90	EPA:905.0	pCi/L	18	0	0	*-0.21*	*-0.0632*	*0.11*	18	100	-	-	0	0	0	0	8	MCL	4	-	-	-
Technetium-99	HASL-300:TC99	pCi/L	8	6	75	2.63	4.785	7.86	2	25	-	-	0	0	0	0	4000	DCG	3	-	-	-
Tritium	EPA:906.0	pCi/L	35	35	100	3660	10382.9	23500	0	0	-	-	0	1	25	71	20000	MCL	4	1	3	MCOBT-4.4
Tritium	Generic:LLEE	pCi/L	1	1	100	136.373	136.373	136.373	0	0	-	-	0	0	0	0	20000	MCL	1	-	-	-
Tritium	Generic:Low_Level_Tritium	pCi/L	1	1	100	12832	12832	12832	0	0	-	-	0	0	1	100	20000	MCL	1	-	1	-
Uranium-234	HASL-300:ISOU	pCi/L	18	16	89	0.0716	0.23811	0.415	2	11	-	-	0	0	0	0	300	NMRPS	4	-	-	-
Uranium-235/Uranium-236	HASL-300:ISOU	pCi/L	18	0	0	*-0.0047*	*0.0144*	*0.0366*	18	100	-	-	0	0	0	0	-	-	4	-	-	-
Uranium-238	HASL-300:ISOU	pCi/L	18	11	61	0.04	0.12967	0.219	7	39	-	-	0	0	0	0	300	NMRPS	4	-	-	-
Mortandad, RAD, F, Regional																						
Americium-241	HASL-300:AM-241	pCi/L	47	0	0	*-0.0268*	*0.00184*	*0.0309*	47	100	0.032	-	0	0	0	0	20	NMRPS	11	-	-	-
Cesium-137	EPA:901.1	pCi/L	45	0	0	*-3.22*	*0.01008*	*3.53*	45	100	4.45	-	0	0	0	0	1000	NMRPS	11	-	-	-
Cobalt-60	EPA:901.1	pCi/L	47	0	0	*-2.83*	*0.37929*	*4.93*	47	100	-	-	0	0	0	0	3000	NMRPS	11	-	-	-
Gross alpha	EPA:900	pCi/L	42	3	7	1.49	2.06667	2.86	39	93	2.54	1	0	0	0	0	15	MCL	11	-	-	-
Gross beta	EPA:900	pCi/L	42	20	48	2.19	4.0385	10.4	22	52	14.1	-	0	0	0	0	50	SMCL	11	-	-	-
Gross gamma	EPA:901.1	pCi/L	42	0	0	*14.1*	*87.7262*	*257*	42	100	123	-	0	0	0	0	-	-	11	-	-	-

Table B-3
Screening Table for Mortandad Canyon Watershed

Analyte	Method	Units	No. of Analyses	No. of Detects	D Rate %	Min	Mean	Max	No. of Non-detects	ND Rate %	BV	D> BV	ND> Std	D> Std	D> Std/2	D>Std/2 Rate %	Level	Std Type	Locations with Data (number)	D>Std (number of locations)	D>Std/2 (number of locations)	D>Std Stations
Neptunium-237	EPA:901.1	pCi/L	42	0	0	*-19.1*	*0.61906*	*17.7*	42	100	-	-	0	0	0	0	20	NMRPS	11	-	-	-
Plutonium-238	HASL-300:ISOPU	pCi/L	46	0	0	*-0.0278*	*-0.0016*	*0.0214*	46	100	0.025	-	0	0	0	0	20	NMRPS	11	-	-	-
Plutonium-239/240	HASL-300:ISOPU	pCi/L	46	0	0	*-0.0177*	*0.0025*	*0.04*	46	100	-	-	0	0	0	0	20	NMRPS	11	-	-	-
Potassium-40	EPA:901.1	pCi/L	42	1	2	38	38	38	41	98	-	-	0	0	0	0	4000	NMRPS	11	-	-	-
Radium-226	EPA:903.1	pCi/L	4	1	25	0.579	0.579	0.579	3	75	-	-	0	0	0	0	5	MCL	2	-	-	-
Sodium-22	EPA:901.1	pCi/L	47	0	0	*-2.37*	*0.05823*	*2.74*	47	100	-	-	0	0	0	0	6000	NMRPS	11	-	-	-
Strontium-90	EPA:905.0	pCi/L	47	0	0	*-0.456*	*-0.0229*	*0.417*	47	100	4.49	-	0	0	0	0	8	MCL	11	-	-	-
Uranium-234	HASL-300:ISOU	pCi/L	47	47	100	0.12	0.44051	1.24	0	0	2.17	-	0	0	0	0	300	NMRPS	11	-	-	-
Uranium-234/Uranium-238	TIMS	UNITLESS	1	1	100	109.4	109.4	109.4	0	0	-	-	0	0	0	0	-	-	1	-	-	-
Uranium-235/Uranium-236	HASL-300:ISOU	pCi/L	47	5	11	0.049	0.08398	0.129	42	89	-	-	0	0	0	0	-	-	11	-	-	-
Uranium-236/Uranium-233	TIMS	UNITLESS	1	0	0	*-2E-05*	*-2E-05*	*-2E-05*	1	100	-	-	0	0	0	0	-	-	1	-	-	-
Uranium-236/Uranium-238	TIMS	UNITLESS	1	0	0	*-0.19*	*-0.19*	*-0.19*	1	100	-	-	0	0	0	0	-	-	1	-	-	-
Uranium-238	HASL-300:ISOU	pCi/L	47	47	100	0.0808	0.21824	0.827	0	0	1.2	-	0	0	0	0	300	NMRPS	11	-	-	-
Uranium-238/Uranium-233	TIMS	UNITLESS	1	1	100	82.64	82.64	82.64	0	0	-	-	0	0	0	0	-	-	1	-	-	-
Uranium-238/Uranium-235	TIMS	UNITLESS	1	1	100	137.6	137.6	137.6	0	0	-	-	0	0	0	0	-	-	1	-	-	-
Mortandad, RAD, UF, Regional																						
Americium-241	Generic:Alpha-Spec	pCi/L	31	0	0	*-0.0061*	*0.00915*	*0.0286*	31	100	-	-	0	0	0	0	20	NMRPS	6	-	-	-
Americium-241	HASL-300:AM-241	pCi/L	68	0	0	*-0.0252*	*-0.0003*	*0.0137*	68	100	-	-	0	0	0	0	20	NMRPS	11	-	-	-
Cesium-137	EPA:901.1	pCi/L	98	0	0	*-3*	*0.14796*	*4.2*	98	100	-	-	0	0	0	0	1000	NMRPS	11	-	-	-
Cobalt-60	EPA:901.1	pCi/L	92	0	0	*-3.95*	*0.21993*	*4.72*	92	100	-	-	0	0	0	0	3000	NMRPS	11	-	-	-
Gross alpha	EPA:900	pCi/L	64	13	20	0.647	2.752	14.5	51	80	-	-	0	0	1	2	15	MCL	11	-	1	-
Gross alpha/beta	EPA:900	pCi/L	5	0	0	*0.54*	*1.206*	*1.94*	5	100	-	-	0	0	0	0	-	-	1	-	-	-
Gross beta	EPA:900	pCi/L	67	35	52	1.14	3.67914	14.1	32	48	-	-	0	0	0	0	50	SMCL	11	-	-	-
Gross gamma	EPA:901.1	pCi/L	77	0	0	*29.4*	*108.964*	*778*	77	100	-	-	0	0	0	0	-	-	11	-	-	-
Iodine-129	HASL-300:I-129	pCi/L	45	0	0	*-0.484*	*0.13825*	*0.97*	45	100	-	-	0	0	0	0	-	-	8	-	-	-
Neptunium-237	EPA:901.1	pCi/L	65	0	0	*-18.3*	*0.59462*	*22.5*	65	100	-	-	1	0	0	0	20	NMRPS	11	-	-	-
Plutonium-238	Generic:Alpha-Spec	pCi/L	31	0	0	*-0.0264*	*-0.001*	*0.0147*	31	100	-	-	0	0	0	0	20	NMRPS	6	-	-	-
Plutonium-238	HASL-300:ISOPU	pCi/L	68	1	1	0.0324	0.0324	0.0324	67	99	-	-	0	0	0	0	20	NMRPS	11	-	-	-
Plutonium-239/240	Generic:Alpha-Spec	pCi/L	31	1	3	0.601	0.601	0.601	30	97	-	-	0	0	0	0	20	NMRPS	6	-	-	-
Plutonium-239/240	HASL-300:ISOPU	pCi/L	68	0	0	*-0.0747*	*-0.0021*	*0.0289*	68	100	-	-	0	0	0	0	20	NMRPS	11	-	-	-
Potassium-40	EPA:901.1	pCi/L	84	2	2	33.1	34.95	36.8	82	98	-	-	0	0	0	0	4000	NMRPS	11	-	-	-
Radium-226	EPA:903.1	pCi/L	13	6	46	0.271	1.14383	3.99	7	54	-	-	0	0	1	8	5	MCL	4	-	1	-
Sodium-22	EPA:901.1	pCi/L	101	0	0	*-5.28*	*-0.0071*	*3.3*	101	100	-	-	0	0	0	0	6000	NMRPS	11	-	-	-
Strontium-90	EPA:905.0	pCi/L	69	0	0	*-0.321*	*0.01625*	*0.234*	69	100	-	-	0	0	0	0	8	MCL	11	-	-	-
Strontium-90	Generic:Gas Flow Proportional Counting	pCi/L	34	1	3	0.188	0.188	0.188	33	97	-	-	0	0	0	0	8	MCL	6	-	-	-
Technetium-99	HASL-300:TC99	pCi/L	56	1	2	5.24	5.24	5.24	55	98	-	-	0	0	0	0	4000	DCG	9	-	-	-
Thorium-228	Generic:Alpha-Spec	pCi/L	9	0	0	*-0.0347*	*0.00686*	*0.0466*	9	100	-	-	0	0	0	0	-	-	3	-	-	-
Thorium-230	Generic:Alpha-Spec	pCi/L	9	0	0	*0.0452*	*0.09227*	*0.131*	9	100	-	-	0	0	0	0	-	-	3	-	-	-
Thorium-232	Generic:Alpha-Spec	pCi/L	9	0	0	*-0.0095*	*0.00611*	*0.0211*	9	100	-	-	0	0	0	0	-	-	3	-	-	-
Tritium	EPA:906.0	pCi/L	31	2	6	201	205.5	210	29	94	11.43	2	0	0	0	0	20000	MCL	10	-	-	-
Tritium	Generic:LL	pCi/L	1	1	100	137.299	137.299	137.299	0	0	11.43	1	0	0	0	0	20000	MCL	1	-	-	-
Tritium	Generic:LLEE	pCi/L	141	47	33	0.06386	56.6805	194.773	94	67	11.43	4	0	0	0	0	20000	MCL	11	-	-	-
Tritium	Generic:Low_Level_Tritium	pCi/L	5	2	40	0	1.6	3.2	3	60	11.43	-	0	0	0	0	20000	MCL	1	-	-	-
Uranium-234	Generic:Alpha-Spec	pCi/L	31	27	87	0.0709	0.43497	1.71	4	13	-	-	0	0	0	0	300	NMRPS	6	-	-	-
Uranium-234	HASL-300:ISOU	pCi/L	68	66	97	0.103	0.49262	1.36	2	3	-	-	0	0	0	0	300	NMRPS	11	-	-	-
Uranium-234/Uranium-238	TIMS	UNITLESS	1	1	100	106.77	106.77	106.77	0	0	-	-	0	0	0	0	-	-	1	-	-	-
Uranium-235/Uranium-236	Generic:Alpha-Spec	pCi/L	31	12	39	0.0281	0.06929	0.196	19	61	-	-	0	0	0	0	-	-	6	-	-	-
Uranium-235/Uranium-236	HASL-300:ISOU	pCi/L	67	13	19	0.0374	0.05884	0.0844	54	81	-	-	0	0	0	0	-	-	11	-	-	-
Uranium-236/Uranium-233	TIMS	UNITLESS	1	0	0	*-5E-07*	*-5E-07*	*-5E-07*	1	100	-	-	0	0	0	0	-	-	1	-	-	-
Uranium-236/Uranium-238	TIMS	UNITLESS	1	1	100	0	0	0	0	0	-	-	0	0	0	0	-	-	1	-	-	-
Uranium-238	Generic:Alpha-Spec	pCi/L	31	26	84	0.0496	0.27046	1.14	5	16	-	-	0	0	0	0	300	NMRPS	6	-	-	-
Uranium-238	HASL-300:ISOU	pCi/L	68	64	94	0.0652	0.24962	0.84	4	6	-	-	0	0	0	0	300	NMRPS	11	-	-	-
Uranium-238/Uranium-233	TIMS	UNITLESS	1	1	100	99.1	99.1	99.1	0	0	-	-	0	0	0	0	-	-	1	-	-	-
Uranium-238/Uranium-235	TIMS	UNITLESS	1	1	100	138.28	138.28	138.28	0	0	-	-	0	0	0	0	-	-	1	-	-	-

Notes: See Table 1.7-1 for standard abbreviations and definitions.Values in italics represent statistics based on detection levels because analyte has not been detected at this location. A dash means none or no value.

Table B-4
Screening Table for Pajarito Canyon Watershed (including Twomile and Threemile Canyons)

Analyte	Method	Units	No. of Analyses	No. of Detects	D Rate %	Min	Mean	Max	No. of Non-detects	ND Rate %	BV	D> BV	ND> Std	D> Std	D> Std/2	D>Std/2 Rate %	Level	Std Type	Locations with Data (number)	D>Std (number of locations)	D>Std/2 (number of locations)	D>Std Stations
Pajarito, Geninorg, F, Ephemeral																						
Alkalinity-CO3	EPA:310.1	mg/L	14	0	0	*0.725*	*0.77679*	*1.45*	14	100	-	-	0	0	0	0	-	-	4	-	-	-
Alkalinity-CO3+HCO3	EPA:310.1	mg/L	14	14	100	7.15	43.0179	70.5	0	0	-	-	0	0	0	0	-	-	4	-	-	-
Ammonia as Nitrogen	EPA:350.1	mg/L	13	9	69	0.027	0.25578	1.96	4	31	-	-	0	0	0	0	-	-	3	-	-	-
Bromide	EPA:300.0	mg/L	14	0	0	*0.041*	*0.06421*	*0.066*	14	100	-	-	0	0	0	0	-	-	4	-	-	-
Calcium	EPA:200.7	mg/L	2	2	100	14.1	16.35	18.6	0	0	-	-	0	0	0	0	-	-	2	-	-	-
Calcium	SW-846:6010B	mg/L	14	14	100	9.87	14.3121	26.8	0	0	-	-	0	0	0	0	-	-	4	-	-	-
Chloride	EPA:300.0	mg/L	14	14	100	5.78	40.7343	164	0	0	-	-	0	0	0	0	-	-	4	-	-	-
Cyanide (Total)	EPA:335.3	mg/L	3	1	33	0.00173	0.00173	0.00173	2	67	-	-	0	0	0	0	-	-	3	-	-	-
Cyanide (Total)	SW-846:9012A	mg/L	1	0	0	*0.0025*	*0.0025*	*0.0025*	1	100	-	-	0	0	0	0	-	-	1	-	-	-
Fluoride	EPA:300.0	mg/L	14	13	93	0.136	0.20385	0.286	1	7	-	-	0	0	0	0	-	-	4	-	-	-
Hardness	EPA:200.7	mg/L	2	2	100	52.3	58.75	65.2	0	0	-	-	0	0	0	0	-	-	2	-	-	-
Hardness	SM:A2340B	mg/L	14	14	100	37.2	51.0786	90.7	0	0	-	-	0	0	0	0	-	-	4	-	-	-
Magnesium	EPA:200.7	mg/L	2	2	100	4.13	4.33	4.53	0	0	-	-	0	0	0	0	-	-	2	-	-	-
Magnesium	SW-846:6010B	mg/L	14	14	100	2.8	3.73	5.76	0	0	-	-	0	0	0	0	-	-	4	-	-	-
Nitrate-Nitrite as Nitrogen	EPA:353.1	mg/L	4	3	75	0.0567	219.415	658	1	25	-	-	0	0	0	0	-	-	4	-	-	-
Nitrate-Nitrite as Nitrogen	EPA:353.2	mg/L	10	6	60	0.01	0.13233	0.346	4	40	-	-	0	0	0	0	-	-	3	-	-	-
Perchlorate	EPA:314.0	ug/L	11	0	0	*4*	*4*	*4*	11	100	-	-	0	0	0	0	-	-	4	-	-	-
Perchlorate	SW846 6850 Modified	ug/L	4	3	75	0.207	0.25267	0.314	1	25	-	-	0	0	0	0	-	-	4	-	-	-
Perchlorate	SW-846:6850	ug/L	10	9	90	0.0569	0.16749	0.483	1	10	-	-	0	0	0	0	-	-	3	-	-	-
pH	EPA:150.1	SU	14	14	100	6.85	7.32	7.84	0	0	-	-	0	0	0	0	-	-	4	-	-	-
Potassium	EPA:200.7	mg/L	2	2	100	3.11	3.22	3.33	0	0	-	-	0	0	0	0	-	-	2	-	-	-
Potassium	SW-846:6010B	mg/L	14	14	100	2.65	3.77	5.73	0	0	-	-	0	0	0	0	-	-	4	-	-	-
Silicon Dioxide	EPA:200.7	mg/L	2	2	100	24.3	29.1	33.9	0	0	-	-	0	0	0	0	-	-	2	-	-	-
Silicon Dioxide	SW-846:6010B	mg/L	14	14	100	24.3	36.8143	55.9	0	0	-	-	0	0	0	0	-	-	4	-	-	-
Sodium	EPA:200.7	mg/L	2	2	100	13.8	26.7	39.6	0	0	-	-	0	0	0	0	-	-	2	-	-	-
Sodium	SW-846:6010B	mg/L	14	14	100	9.56	32.2471	103	0	0	-	-	0	0	0	0	-	-	4	-	-	-
Specific Conductance	EPA:120.1	uS/cm	13	13	100	148	287.154	710	0	0	-	-	0	0	0	0	-	-	3	-	-	-
Specific Conductance	SW-846:9050A	uS/cm	1	1	100	118	118	118	0	0	-	-	0	0	0	0	-	-	1	-	-	-
Sulfate	EPA:300.0	mg/L	14	14	100	4.77	9.27643	14.8	0	0	-	-	0	0	0	0	-	-	4	-	-	-
Total Dissolved Solids	EPA:160.1	mg/L	17	17	100	113	204.412	427	0	0	-	-	0	0	0	0	-	-	4	-	-	-
Total Kjeldahl Nitrogen	EPA:351.2	mg/L	14	14	100	0.017	0.2235	0.48	0	0	-	-	0	0	0	0	-	-	4	-	-	-
Total Organic Carbon	EPA:415.1	mg/L	2	2	100	6.9	8.5	10.1	0	0	-	-	0	0	0	0	-	-	2	-	-	-
Total Phosphate as Phosphorus	EPA:365.4	mg/L	14	3	21	0.064	0.06533	0.068	11	79	-	-	0	0	0	0	-	-	4	-	-	-
Pajarito, Geninorg, UF, Ephemeral																						
Alkalinity-CO3	EPA:310.1	mg/L	5	0	0	*0.725*	*1.015*	*1.45*	5	100	-	-	0	0	0	0	-	-	3	-	-	-
Alkalinity-CO3+HCO3	EPA:310.1	mg/L	5	5	100	29.6	46.76	68.5	0	0	-	-	0	0	0	0	-	-	3	-	-	-
Alkalinity-HCO3	EPA:310.1	mg/L	2	2	100	29.5	32.1	34.7	0	0	-	-	0	0	0	0	-	-	2	-	-	-
Ammonia as Nitrogen	EPA:350.1	mg/L	3	3	100	0.017	0.48533	1.42	0	0	-	-	0	0	0	0	39.1	AqAcU	3	-	-	-
Bromide	EPA:300.0	mg/L	3	0	0	*0.066*	*0.066*	*0.066*	3	100	-	-	0	0	0	0	-	-	3	-	-	-
Calcium	EPA:200.7	mg/L	4	4	100	14.2	17.25	21.1	0	0	-	-	0	0	0	0	-	-	2	-	-	-
Calcium	SW-846:6010B	mg/L	14	14	100	10.1	14.6071	27.2	0	0	-	-	0	0	0	0	-	-	4	-	-	-
Chemical Oxygen Demand	EPA:410.4	mg/L	3	3	100	13.1	24.5333	32.6	0	0	-	-	0	0	0	0	-	-	3	-	-	-
Chloride	EPA:300.0	mg/L	3	3	100	13.3	23.9667	37.6	0	0	-	-	0	0	0	0	-	-	3	-	-	-
Cyanide (Total)	EPA:335.3	mg/L	14	1	7	0.0244	0.0244	0.0244	13	93	-	-	0	0	0	0	-	-	3	-	-	-
Cyanide, Amenable to Chlorination	EPA:335.3	mg/L	1	0	0	*0.0015*	*0.0015*	*0.0015*	1	100	-	-	0	0	0	0	0.022	AqAcU	1	-	-	-
Fluoride	EPA:300.0	mg/L	3	3	100	0.145	0.19733	0.247	0	0	-	-	0	0	0	0	-	-	3	-	-	-
Hardness	EPA:200.7	mg/L	2	2	100	52.9	58.65	64.4	0	0	-	-	0	0	0	0	-	-	2	-	-	-
Hardness	SM:A2340B	mg/L	16	16	100	38.5	54.6938	92.3	0	0	-	-	0	0	0	0	-	-	4	-	-	-
Magnesium	EPA:200.7	mg/L	4	4	100	4.27	4.905	5.58	0	0	-	-	0	0	0	0	-	-	2	-	-	-
Magnesium	SW-846:6010B	mg/L	14	14	100	3.23	3.97357	5.93	0	0	-	-	0	0	0	0	-	-	4	-	-	-
Nitrate-Nitrite as Nitrogen	EPA:353.1	mg/L	3	2	67	0.045	0.1135	0.182	1	33	-	-	0	0	0	0	132	LWU	3	-	-	-
Perchlorate	EPA:314.0	ug/L	2	0	0	*4*	*4*	*4*	2	100	-	-	0	0	0	0	-	-	2	-	-	-
Perchlorate	SW846 6850 Modified	ug/L	2	2	100	0.288	0.349	0.41	0	0	-	-	0	0	0	0	-	-	2	-	-	-
pH	EPA:150.1	SU	3	3	100	7.04	7.30333	7.44	0	0	-	-	0	0	0	0	-	-	3	-	-	-
Potassium	EPA:200.7	mg/L	4	4	100	3.22	3.51	3.71	0	0	-	-	0	0	0	0	-	-	2	-	-	-
Potassium	SW-846:6010B	mg/L	14	14	100	2.86	4.04286	5.77	0	0	-	-	0	0	0	0	-	-	4	-	-	-
Silicon Dioxide	EPA:200.7	mg/L	2	2	100	26.4	30.85	35.3	0	0	-	-	0	0	0	0	-	-	2	-	-	-

Table B-4
Screening Table for Pajarito Canyon Watershed (including Twomile and Threemile Canyons)

Analyte	Method	Units	No. of Analyses	No. of Detects	D Rate %	Min	Mean	Max	No. of Non-detects	ND Rate %	BV	D> BV	ND> Std	D> Std	D> Std/2	D>Std/2 Rate %	Level	Std Type	Locations with Data (number)	D>Std (number of locations)	D>Std/2 (number of locations)	D>Std Stations
Silicon Dioxide	SW-846:6010B	mg/L	4	4	100	34.9	51.2	60.9	0	0	-	-	0	0	0	0	-	-	4	-	-	-
Sodium	EPA:200.7	mg/L	4	4	100	13.7	29.85	52.2	0	0	-	-	0	0	0	0	-	-	2	-	-	-
Sodium	SW-846:6010B	mg/L	14	14	100	9.69	32.335	102	0	0	-	-	0	0	0	0	-	-	4	-	-	-
Specific Conductance	EPA:120.1	uS/cm	3	3	100	182	235.333	304	0	0	-	-	0	0	0	0	-	-	3	-	-	-
Sulfate	EPA:300.0	mg/L	3	3	100	5.84	9.04667	11	0	0	-	-	0	0	0	0	-	-	3	-	-	-
Suspended Sediment Concentration	EPA:160.2	mg/L	19	18	95	1.33	5.59611	22.7	1	5	-	-	0	0	0	0	-	-	4	-	-	-
Total Kjeldahl Nitrogen	EPA:351.2	mg/L	13	13	100	0.09	0.18515	0.327	0	0	-	-	0	0	0	0	-	-	3	-	-	-
Total Organic Carbon	SW-846:9060	mg/L	13	13	100	4.05	6.89923	11.3	0	0	-	-	0	0	0	0	-	-	3	-	-	-
Total Phosphate as Phosphorus	EPA:365.4	mg/L	3	3	100	0.061	0.07967	0.102	0	0	-	-	0	0	0	0	-	-	3	-	-	-
Pajarito, Geninorg, F, Perennial																						
Alkalinity-CO3	EPA:310.1	mg/L	15	0	0	*0.725*	*0.82167*	*1.45*	15	100	-	-	0	0	0	0	-	-	2	-	-	-
Alkalinity-CO3+HCO3	EPA:310.1	mg/L	15	15	100	26.5	36.9	49.5	0	0	-	-	0	0	0	0	-	-	2	-	-	-
Alkalinity-HCO3	EPA:310.1	mg/L	1	1	100	40.7	40.7	40.7	0	0	-	-	0	0	0	0	-	-	1	-	-	-
Ammonia as Nitrogen	EPA:350.1	mg/L	11	4	36	0.035	0.05225	0.102	7	64	-	-	0	0	0	0	-	-	2	-	-	-
Bromide	EPA:300.0	mg/L	14	0	0	*0.041*	*0.06421*	*0.066*	14	100	-	-	0	0	0	0	-	-	2	-	-	-
Calcium	EPA:200.7	mg/L	1	0	0	*10.8*	*10.8*	*10.8*	1	100	-	-	0	0	0	0	-	-	1	-	-	-
Calcium	SW-846:6010B	mg/L	14	14	100	7.4	10.2107	13.6	0	0	-	-	0	0	0	0	-	-	2	-	-	-
Chloride	EPA:300.0	mg/L	15	14	93	1.14	5.66071	18.4	1	7	-	-	0	0	0	0	-	-	2	-	-	-
Cyanide (Total)	EPA:335.3	mg/L	6	0	0	*0.0015*	*0.0015*	*0.0015*	6	100	-	-	0	0	0	0	-	-	2	-	-	-
Cyanide (Total)	SW-846:9012A	mg/L	1	0	0	*0.0025*	*0.0025*	*0.0025*	1	100	-	-	0	0	0	0	-	-	1	-	-	-
Fluoride	EPA:300.0	mg/L	15	11	73	0.092	0.12109	0.153	4	27	-	-	0	0	0	0	-	-	2	-	-	-
Hardness	EPA:200.7	mg/L	1	1	100	40	40	40	0	0	-	-	0	0	0	0	-	-	1	-	-	-
Hardness	SM:A2340B	mg/L	14	14	100	28.9	39.3357	50.9	0	0	-	-	0	0	0	0	-	-	2	-	-	-
Magnesium	EPA:200.7	mg/L	1	0	0	*3.13*	*3.13*	*3.13*	1	100	-	-	0	0	0	0	-	-	1	-	-	-
Magnesium	SW-846:6010B	mg/L	14	14	100	2.54	3.35857	4.28	0	0	-	-	0	0	0	0	-	-	2	-	-	-
Nitrate-Nitrite as Nitrogen	EPA:353.1	mg/L	8	6	75	0.0315	0.1225	0.27	2	25	-	-	0	0	0	0	-	-	2	-	-	-
Nitrate-Nitrite as Nitrogen	EPA:353.2	mg/L	7	6	86	0.011	0.209	0.366	1	14	-	-	0	0	0	0	-	-	2	-	-	-
Perchlorate	EPA:314.0	ug/L	12	0	0	*4*	*4*	*4*	12	100	-	-	0	0	0	0	-	-	2	-	-	-
Perchlorate	SW846 6850 Modified	ug/L	7	7	100	0.162	0.246	0.315	0	0	-	-	0	0	0	0	-	-	2	-	-	-
Perchlorate	SW-846:6850	ug/L	7	7	100	0.138	0.34343	0.508	0	0	-	-	0	0	0	0	-	-	2	-	-	-
pH	EPA:150.1	SU	15	15	100	7.25	7.51067	7.79	0	0	-	-	0	0	0	0	-	-	2	-	-	-
Potassium	EPA:200.7	mg/L	1	0	0	*3.3*	*3.3*	*3.3*	1	100	-	-	0	0	0	0	-	-	1	-	-	-
Potassium	SW-846:6010B	mg/L	14	14	100	1.72	2.47214	3.23	0	0	-	-	0	0	0	0	-	-	2	-	-	-
Silicon Dioxide	EPA:200.7	mg/L	1	0	0	*40.1*	*40.1*	*40.1*	1	100	-	-	0	0	0	0	-	-	1	-	-	-
Silicon Dioxide	SW-846:6010B	mg/L	14	14	100	31.7	37.8429	48.1	0	0	-	-	0	0	0	0	-	-	2	-	-	-
Sodium	EPA:200.7	mg/L	1	0	0	*5.46*	*5.46*	*5.46*	1	100	-	-	0	0	0	0	-	-	1	-	-	-
Sodium	SW-846:6010B	mg/L	14	14	100	4.12	7.46571	13.9	0	0	-	-	0	0	0	0	-	-	2	-	-	-
Specific Conductance	EPA:120.1	uS/cm	13	13	100	80.7	122.985	174	0	0	-	-	0	0	0	0	-	-	2	-	-	-
Specific Conductance	SW-846:9050A	uS/cm	2	2	100	83.4	88.8	94.2	0	0	-	-	0	0	0	0	-	-	1	-	-	-
Sulfate	EPA:300.0	mg/L	15	14	93	4.67	8.32143	13.9	1	7	-	-	0	0	0	0	-	-	2	-	-	-
Total Dissolved Solids	EPA:160.1	mg/L	21	20	95	8	101.6	177	1	5	-	-	0	0	0	0	-	-	2	-	-	-
Total Kjeldahl Nitrogen	EPA:351.2	mg/L	14	13	93	0.022	0.12362	0.264	1	7	-	-	0	0	0	0	-	-	2	-	-	-
Total Phosphate as Phosphorus	EPA:365.4	mg/L	15	4	27	0.071	0.09	0.107	11	73	-	-	0	0	0	0	-	-	2	-	-	-
Pajarito, Geninorg, UF, Perennial																						
Alkalinity-CO3	EPA:310.1	mg/L	6	0	0	*0.725*	*0.725*	*0.725*	6	100	-	-	0	0	0	0	-	-	2	-	-	-
Alkalinity-CO3+HCO3	EPA:310.1	mg/L	6	6	100	30.7	37.15	49.2	0	0	-	-	0	0	0	0	-	-	2	-	-	-
Ammonia as Nitrogen	EPA:350.1	mg/L	3	0	0	*0.01*	*0.05033*	*0.074*	3	100	-	-	0	0	0	0	8.19	AqChrU	2	-	-	-
Bromide	EPA:300.0	mg/L	6	0	0	*0.066*	*0.066*	*0.066*	6	100	-	-	0	0	0	0	-	-	2	-	-	-
Calcium	SW-846:6010B	mg/L	14	14	100	7.35	10.3364	14.3	0	0	-	-	0	0	0	0	-	-	2	-	-	-
Chemical Oxygen Demand	EPA:410.4	mg/L	3	2	67	13.2	20.25	27.3	1	33	-	-	0	0	0	0	-	-	2	-	-	-
Chloride	EPA:300.0	mg/L	6	6	100	1.12	5.05	13.1	0	0	-	-	0	0	0	0	-	-	2	-	-	-
Cyanide (Total)	EPA:335.3	mg/L	14	3	21	0.00158	0.00334	0.00449	11	79	-	-	0	0	0	0	-	-	2	-	-	-
Fluoride	EPA:300.0	mg/L	6	4	67	0.094	0.11625	0.15	2	33	-	-	0	0	0	0	-	-	2	-	-	-
Hardness	SM:A2340B	mg/L	14	14	100	28.7	40.1714	55.5	0	0	-	-	0	0	0	0	-	-	2	-	-	-
Magnesium	SW-846:6010B	mg/L	14	14	100	2.51	3.49143	4.83	0	0	-	-	0	0	0	0	-	-	2	-	-	-
Nitrate-Nitrite as Nitrogen	EPA:353.1	mg/L	6	4	67	0.0302	0.13938	0.269	2	33	-	-	0	0	0	0	132	LWU	2	-	-	-
Perchlorate	EPA:314.0	ug/L	1	0	0	*4*	*4*	*4*	1	100	-	-	0	0	0	0	-	-	1	-	-	-
Perchlorate	SW846 6850 Modified	ug/L	1	0	0	*0.135*	*0.135*	*0.135*	1	100	-	-	0	0	0	0	-	-	1	-	-	-

Table B-4
Screening Table for Pajarito Canyon Watershed (including Twomile and Threemile Canyons)

Analyte	Method	Units	No. of Analyses	No. of Detects	D Rate %	Min	Mean	Max	No. of Non-detects	ND Rate %	BV	D> BV	ND> Std	D> Std	D> Std/2	D>Std/2 Rate %	Level	Std Type	Locations with Data (number)	D>Std (number of locations)	D>Std/2 (number of locations)	D>Std Stations
pH	EPA:150.1	SU	6	6	100	7.53	7.585	7.65	0	0	-	-	0	0	0	0	-	-	2	-	-	-
Potassium	SW-846:6010B	mg/L	14	14	100	1.71	2.61643	4.14	0	0	-	-	0	0	0	0	-	-	2	-	-	-
Silicon Dioxide	SW-846:6010B	mg/L	7	7	100	31.5	38.9429	54.7	0	0	-	-	0	0	0	0	-	-	2	-	-	-
Sodium	SW-846:6010B	mg/L	14	14	100	4.04	7.43786	13.9	0	0	-	-	0	0	0	0	-	-	2	-	-	-
Specific Conductance	EPA:120.1	uS/cm	6	6	100	80.6	115.05	167	0	0	-	-	0	0	0	0	-	-	2	-	-	-
Sulfate	EPA:300.0	mg/L	6	6	100	4.7	7.30167	9.23	0	0	-	-	0	0	0	0	-	-	2	-	-	-
Suspended Sediment Concentration	EPA:160.2	mg/L	14	10	71	1.13	3.913	8.8	4	29	-	-	0	0	0	0	-	-	2	-	-	-
Total Kjeldahl Nitrogen	EPA:351.2	mg/L	11	10	91	0.078	0.1749	0.352	1	9	-	-	0	0	0	0	-	-	2	-	-	-
Total Organic Carbon	SW-846:9060	mg/L	13	13	100	2.3	5.52846	8.95	0	0	-	-	0	0	0	0	-	-	2	-	-	-
Total Phosphate as Phosphorus	EPA:365.4	mg/L	6	1	17	0.071	0.071	0.071	5	83	-	-	0	0	0	0	-	-	2	-	-	-
Total Suspended Solids	EPA:160.2	mg/L	1	0	0	*1.53*	*1.53*	*1.53*	1	100	-	-	0	0	0	0	-	-	1	-	-	-
Pajarito, Geninorg, F, Springs																						
Alkalinity-CO3	EPA:310.1	mg/L	62	0	0	*0.725*	*0.9121*	*1.45*	62	100	-	-	0	0	0	0	-	-	10	-	-	-
Alkalinity-CO3+HCO3	EPA:310.1	mg/L	62	62	100	21.4	47.0419	89.8	0	0	-	-	0	0	0	0	-	-	10	-	-	-
Alkalinity-HCO3	EPA:310.1	mg/L	7	7	100	34.6	54.2714	74.3	0	0	-	-	0	0	0	0	-	-	6	-	-	-
Ammonia as Nitrogen	EPA:350.1	mg/L	53	4	8	0.039	0.071	0.115	49	92	-	-	0	0	1	2	0.2085714	Reg6	10	-	1	-
Bromide	EPA:300.0	mg/L	55	2	4	0.221	0.2245	0.228	53	96	-	-	0	0	0	0	-	-	10	-	-	-
Calcium	SW-846:6010B	mg/L	62	62	100	6.18	12.4365	20.3	0	0	-	-	0	0	0	0	-	-	10	-	-	-
Chloride	EPA:300.0	mg/L	62	62	100	0.917	12.6701	93.5	0	0	-	-	0	0	0	0	250	NMGSF	10	-	-	-
Cyanide (Total)	EPA:335.3	mg/L	17	4	24	0.00166	0.00587	0.0123	13	76	-	-	0	0	0	0	0.2	NMGSF	8	-	-	-
Cyanide (Total)	SW-846:9012A	mg/L	16	1	6	0.00348	0.00348	0.00348	15	94	-	-	0	0	0	0	0.2	NMGSF	8	-	-	-
Fluoride	EPA:300.0	mg/L	62	59	95	0.07	0.15337	0.346	3	5	-	-	0	0	0	0	1.6	NMGSF	10	-	-	-
Hardness	EPA:200.7	mg/L	7	7	100	31.1	53.9286	74.2	0	0	-	-	0	0	0	0	-	-	6	-	-	-
Hardness	SM:A2340B	mg/L	55	55	100	25.7	46.6036	67.9	0	0	-	-	0	0	0	0	-	-	10	-	-	-
Magnesium	SW-846:6010B	mg/L	62	62	100	2.5	3.985	5.72	0	0	-	-	0	0	0	0	-	-	10	-	-	-
Nitrate-Nitrite as Nitrogen	EPA:353.1	mg/L	32	31	97	0.0572	61.3634	676	1	3	-	-	0	3	3	9	10	NMGSF	10	3	3	Bulldog Spring, Kieling Spring, PC Spring
Nitrate-Nitrite as Nitrogen	EPA:353.2	mg/L	27	22	81	0.016	0.40845	0.895	5	19	-	-	0	0	0	0	10	NMGSF	9	-	-	-
Perchlorate	EPA:314.0	ug/L	46	0	0	*4*	*4*	*4*	46	100	-	-	0	0	0	0	24.5	Reg6	10	-	-	-
Perchlorate	SW846 6850 Modified	ug/L	26	24	92	0.0694	0.35935	0.837	2	8	-	-	0	0	0	0	24.5	Reg6	10	-	-	-
Perchlorate	SW-846:6850	ug/L	29	24	83	0.213	0.3845	0.704	5	17	-	-	0	0	0	0	24.5	Reg6	9	-	-	-
pH	EPA:150.1	SU	62	62	100	6.07	7.02065	7.85	0	0	-	-	0	0	0	0	-	-	10	-	-	-
Potassium	SW-846:6010B	mg/L	62	62	100	1.72	2.84694	4	0	0	-	-	0	0	0	0	-	-	10	-	-	-
Silicon Dioxide	SW-846:6010B	mg/L	62	62	100	30	41.5339	81.7	0	0	-	-	0	0	0	0	-	-	10	-	-	-
Sodium	SW-846:6010B	mg/L	62	62	100	3.58	13.6129	79.8	0	0	-	-	0	0	0	0	-	-	10	-	-	-
Specific Conductance	EPA:120.1	uS/cm	46	46	100	79.9	160.572	248	0	0	-	-	0	0	0	0	-	-	10	-	-	-
Specific Conductance	SW-846:9050A	uS/cm	16	16	100	72.6	164.794	340	0	0	-	-	0	0	0	0	-	-	8	-	-	-
Sulfate	EPA:300.0	mg/L	62	62	100	2.78	8.98677	37.1	0	0	-	-	0	0	0	0	600	NMGSF	10	-	-	-
Total Dissolved Solids	EPA:160.1	mg/L	79	79	100	59	137.089	314	0	0	-	-	0	0	0	0	1000	NMGSF	10	-	-	-
Total Kjeldahl Nitrogen	EPA:351.2	mg/L	45	27	60	0.039	0.57348	10.7	18	40	-	-	0	0	0	0	-	-	10	-	-	-
Total Phosphate as Phosphorus	EPA:365.4	mg/L	61	19	31	0.012	0.12826	1.09	42	69	-	-	0	0	0	0	-	-	10	-	-	-
Pajarito, Geninorg, UF, Springs																						
Alkalinity-CO3	EPA:310.1	mg/L	18	0	0	*0.725*	*0.725*	*0.725*	18	100	-	-	0	0	0	0	-	-	8	-	-	-
Alkalinity-CO3+HCO3	EPA:310.1	mg/L	18	18	100	33.3	49.6389	90.4	0	0	-	-	0	0	0	0	-	-	8	-	-	-
Ammonia as Nitrogen	EPA:350.1	mg/L	16	3	19	0.052	0.104	0.174	13	81	-	-	0	0	1	6	0.2085714	Reg6	8	-	1	-
Bromide	EPA:300.0	mg/L	17	0	0	*0.066*	*0.066*	*0.066*	17	100	-	-	0	0	0	0	-	-	8	-	-	-
Calcium	SW-846:6010B	mg/L	55	55	100	6.2	12.4255	18.6	0	0	-	-	0	0	0	0	-	-	10	-	-	-
Chemical Oxygen Demand	EPA:410.4	mg/L	8	8	100	14.2	17.9625	21.4	0	0	-	-	0	0	0	0	-	-	7	-	-	-
Chloride	EPA:300.0	mg/L	17	17	100	1.07	10.8012	28.2	0	0	-	-	0	0	0	0	-	-	8	-	-	-
Cyanide (Total)	EPA:335.3	mg/L	38	8	21	0.00174	0.00263	0.00471	30	79	-	-	0	0	0	0	0.2	MCL	10	-	-	-
Fluoride	EPA:300.0	mg/L	17	17	100	0.071	0.14788	0.305	0	0	-	-	0	0	0	0	4	MCL	8	-	-	-
Hardness	SM:A2340B	mg/L	55	55	100	26	48.1036	68.5	0	0	-	-	0	0	0	0	-	-	10	-	-	-
Magnesium	SW-846:6010B	mg/L	55	55	100	2.55	4.15564	6.17	0	0	-	-	0	0	0	0	-	-	10	-	-	-
Nitrate-Nitrite as Nitrogen	EPA:353.1	mg/L	17	17	100	0.0538	0.38152	1.02	0	0	-	-	0	0	0	0	10	MCL	8	-	-	-
Perchlorate	EPA:314.0	ug/L	7	0	0	*4*	*4*	*4*	7	100	-	-	0	0	0	0	24.5	Reg6	6	-	-	-
Perchlorate	SW846 6850 Modified	ug/L	7	7	100	0.136	0.40514	1.09	0	0	-	-	0	0	0	0	24.5	Reg6	6	-	-	-
pH	EPA:150.1	SU	17	17	100	6.48	6.93294	7.88	0	0	-	-	0	0	0	0	-	-	8	-	-	-

Table B-4
Screening Table for Pajarito Canyon Watershed (including Twomile and Threemile Canyons)

Analyte	Method	Units	No. of Analyses	No. of Detects	D Rate %	Min	Mean	Max	No. of Non-detects	ND Rate %	BV	D> BV	ND> Std	D> Std	D> Std/2	D>Std/2 Rate %	Level	Std Type	Locations with Data (number)	D>Std (number of locations)	D>Std/2 (number of locations)	D>Std Stations
Potassium	SW-846:6010B	mg/L	55	55	100	1.68	3.05255	4.38	0	0	-	-	0	0	0	0	-	-	10	-	-	-
Silicon Dioxide	SW-846:6010B	mg/L	26	26	100	31.1	45.3269	85.4	0	0	-	-	0	0	0	0	-	-	10	-	-	-
Sodium	SW-846:6010B	mg/L	55	55	100	3.85	13.6215	81.7	0	0	-	-	0	0	0	0	-	-	10	-	-	-
Specific Conductance	EPA:120.1	uS/cm	17	17	100	79.1	155.676	246	0	0	-	-	0	0	0	0	-	-	8	-	-	-
Sulfate	EPA:300.0	mg/L	17	17	100	3.89	7.53941	10.6	0	0	-	-	0	0	0	0	-	-	8	-	-	-
Suspended Sediment Concentration	EPA:160.2	mg/L	47	30	64	1.2	11.1567	58.4	17	36	-	-	0	0	0	0	-	-	10	-	-	-
Total Kjeldahl Nitrogen	EPA:351.2	mg/L	46	32	70	0.026	0.24919	1.14	14	30	-	-	0	0	0	0	-	-	10	-	-	-
Total Organic Carbon	SW-846:9060	mg/L	46	46	100	0.51	4.71089	13.9	0	0	-	-	0	0	0	0	-	-	10	-	-	-
Total Phosphate as Phosphorus	EPA:365.4	mg/L	17	2	12	0.013	0.025	0.037	15	88	-	-	0	0	0	0	-	-	8	-	-	-
Total Suspended Solids	EPA:160.2	mg/L	15	14	93	1	20.2436	124	1	7	-	-	0	0	0	0	-	-	8	-	-	-
Pajarito, Geninorg, F, Alluvial																						
Alkalinity-CO3	EPA:310.1	mg/L	33	0	0	*0.725*	*0.76894*	*1.45*	33	100	-	-	0	0	0	0	-	-	6	-	-	-
Alkalinity-CO3+HCO3	EPA:310.1	mg/L	33	33	100	39.7	79.2091	261	0	0	-	-	0	0	0	0	-	-	6	-	-	-
Ammonia as Nitrogen	EPA:350.1	mg/L	27	1	4	0.037	0.037	0.037	26	96	-	-	0	0	0	0	0.2085714	Reg6	6	-	-	-
Bromide	EPA:300.0	mg/L	33	6	18	0.073	0.21233	0.335	27	82	-	-	0	0	0	0	-	-	6	-	-	-
Calcium	SW-846:6010B	mg/L	33	33	100	12.4	32.0182	128	0	0	-	-	0	0	0	0	-	-	6	-	-	-
Chloride	EPA:300.0	mg/L	33	33	100	14.2	64.0909	275	0	0	-	-	0	1	6	18	250	NMGSF	6	1	3	PCO-3
Cyanide (Total)	EPA:335.3	mg/L	13	0	0	*0.0015*	*0.00165*	*0.0025*	13	100	-	-	0	0	0	0	0.2	NMGSF	6	-	-	-
Fluoride	EPA:300.0	mg/L	33	33	100	0.095	0.18545	0.545	0	0	-	-	0	0	0	0	1.6	NMGSF	6	-	-	-
Hardness	SM:A2340B	mg/L	33	33	100	48.1	116.491	446	0	0	-	-	0	0	0	0	-	-	6	-	-	-
Magnesium	SW-846:6010B	mg/L	33	33	100	3.87	8.86424	30.4	0	0	-	-	0	0	0	0	-	-	6	-	-	-
Nitrate-Nitrite as Nitrogen	EPA:353.1	mg/L	12	12	100	0.0283	1.22661	5.72	0	0	-	-	0	0	1	8	10	NMGSF	5	-	1	-
Nitrate-Nitrite as Nitrogen	EPA:353.2	mg/L	19	16	84	0.024	0.71894	1.98	3	16	-	-	0	0	0	0	10	NMGSF	6	-	-	-
Perchlorate	EPA:314.0	ug/L	25	0	0	*4*	*4*	*4*	25	100	-	-	0	0	0	0	24.5	Reg6	6	-	-	-
Perchlorate	SW846 6850 Modified	ug/L	13	11	85	0.0612	0.23418	0.568	2	15	-	-	0	0	0	0	24.5	Reg6	6	-	-	-
Perchlorate	SW-846:6850	ug/L	19	15	79	0.0695	0.23114	0.431	4	21	-	-	0	0	0	0	24.5	Reg6	6	-	-	-
pH	EPA:150.1	SU	33	33	100	6.24	6.95152	7.94	0	0	-	-	0	0	0	0	-	-	6	-	-	-
Potassium	SW-846:6010B	mg/L	33	33	100	1.94	4.04879	6.67	0	0	-	-	0	0	0	0	-	-	6	-	-	-
Silicon Dioxide	SW-846:6010B	mg/L	33	33	100	28.4	34.7	45.2	0	0	-	-	0	0	0	0	-	-	6	-	-	-
Sodium	SW-846:6010B	mg/L	33	33	100	14.8	38.797	111	0	0	-	-	0	0	0	0	-	-	6	-	-	-
Specific Conductance	EPA:120.1	uS/cm	33	33	100	191	443.364	1420	0	0	-	-	0	0	0	0	-	-	6	-	-	-
Sulfate	EPA:300.0	mg/L	33	33	100	10.9	20.9061	84.5	0	0	-	-	0	0	0	0	600	NMGSF	6	-	-	-
Total Dissolved Solids	EPA:160.1	mg/L	44	44	100	102	265.545	853	0	0	-	-	0	0	6	14	1000	NMGSF	6	-	2	-
Total Kjeldahl Nitrogen	EPA:351.2	mg/L	31	18	58	0.034	0.23456	0.682	13	42	-	-	0	0	0	0	-	-	6	-	-	-
Total Phosphate as Phosphorus	EPA:365.4	mg/L	32	7	22	0.012	0.05157	0.112	25	78	-	-	0	0	0	0	-	-	6	-	-	-
Pajarito, Geninorg, UF, Alluvial																						
Alkalinity-CO3	EPA:310.1	mg/L	11	0	0	*0.725*	*0.725*	*0.725*	11	100	-	-	0	0	0	0	-	-	5	-	-	-
Alkalinity-CO3+HCO3	EPA:310.1	mg/L	11	11	100	43.3	77.8455	216	0	0	-	-	0	0	0	0	-	-	5	-	-	-
Ammonia as Nitrogen	EPA:350.1	mg/L	10	1	10	0.02	0.02	0.02	9	90	-	-	0	0	0	0	0.2085714	Reg6	5	-	-	-
Bromide	EPA:300.0	mg/L	11	2	18	0.078	0.213	0.348	9	82	-	-	0	0	0	0	-	-	5	-	-	-
Calcium	SW-846:6010B	mg/L	32	32	100	12.4	32.0594	129	0	0	-	-	0	0	0	0	-	-	6	-	-	-
Chemical Oxygen Demand	EPA:410.4	mg/L	5	3	60	10.1	10.8	11.5	2	40	-	-	0	0	0	0	-	-	4	-	-	-
Chloride	EPA:300.0	mg/L	11	11	100	14.6	52.1364	288	0	0	-	-	0	0	0	0	-	-	5	-	-	-
Cyanide (Total)	EPA:335.3	mg/L	26	3	12	0.00181	0.0198	0.0546	23	88	-	-	0	0	0	0	0.2	MCL	6	-	-	-
Fluoride	EPA:300.0	mg/L	11	11	100	0.101	0.146	0.296	0	0	-	-	0	0	0	0	4	MCL	5	-	-	-
Hardness	SM:A2340B	mg/L	32	32	100	48.7	116.888	446	0	0	-	-	0	0	0	0	-	-	6	-	-	-
Magnesium	SW-846:6010B	mg/L	32	32	100	3.89	8.94219	30	0	0	-	-	0	0	0	0	-	-	6	-	-	-
Nitrate-Nitrite as Nitrogen	EPA:353.1	mg/L	11	11	100	0.0368	1.3688	6	0	0	-	-	0	0	1	9	10	MCL	5	-	1	-
pH	EPA:150.1	SU	11	11	100	6.41	6.69818	7.16	0	0	-	-	0	0	0	0	-	-	5	-	-	-
Potassium	SW-846:6010B	mg/L	32	32	100	1.96	4.11406	7.8	0	0	-	-	0	0	0	0	-	-	6	-	-	-
Silicon Dioxide	SW-846:6010B	mg/L	13	13	100	31.6	39.7231	49.1	0	0	-	-	0	0	0	0	-	-	6	-	-	-
Sodium	SW-846:6010B	mg/L	32	32	100	14.6	38.6875	115	0	0	-	-	0	0	0	0	-	-	6	-	-	-
Specific Conductance	EPA:120.1	uS/cm	11	11	100	187	388.636	1430	0	0	-	-	0	0	0	0	-	-	5	-	-	-
Sulfate	EPA:300.0	mg/L	11	11	100	11.3	20.1545	88.1	0	0	-	-	0	0	0	0	-	-	5	-	-	-
Suspended Sediment Concentration	EPA:160.2	mg/L	2	1	50	5.6	5.6	5.6	1	50	-	-	0	0	0	0	-	-	2	-	-	-
Total Kjeldahl Nitrogen	EPA:351.2	mg/L	29	15	52	0.01	0.19453	0.724	14	48	-	-	0	0	0	0	-	-	6	-	-	-
Total Organic Carbon	SW-846:9060	mg/L	30	30	100	1.32	3.56733	15.1	0	0	-	-	0	0	0	0	-	-	6	-	-	-
Total Phosphate as Phosphorus	EPA:365.4	mg/L	11	5	45	0.019	0.0412	0.096	6	55	-	-	0	0	0	0	-	-	5	-	-	-

Table B-4
Screening Table for Pajarito Canyon Watershed (including Twomile and Threemile Canyons)

Analyte	Method	Units	No. of Analyses	No. of Detects	D Rate %	Min	Mean	Max	No. of Non-detects	ND Rate %	BV	D> BV	ND> Std	D> Std	D> Std/2	D>Std/2 Rate %	Level	Std Type	Locations with Data (number)	D>Std (number of locations)	D>Std/2 (number of locations)	D>Std Stations
Total Suspended Solids	EPA:160.2	mg/L	5	5	100	2.25	25.18	69.5	0	0	-	-	0	0	0	0	-	-	4	-	-	-
Pajarito, Geninorg, F, Intermediate																						
Alkalinity-CO3	EPA:310.1	mg/L	27	9	33	0.737	1.13322	2.01	18	67	-	-	0	0	0	0	-	-	5	-	-	-
Alkalinity-CO3+HCO3	EPA:310.1	mg/L	27	27	100	29.5	65.0407	102	0	0	-	-	0	0	0	0	-	-	5	-	-	-
Ammonia as Nitrogen	EPA:350.1	mg/L	24	2	8	0.122	0.1285	0.135	22	92	-	-	0	0	2	8	0.2085714	Reg6	4	-	1	-
Bromide	EPA:300.0	mg/L	27	8	30	0.11	0.47163	0.904	19	70	-	-	0	0	0	0	-	-	5	-	-	-
Calcium	SW-846:6010B	mg/L	28	28	100	6.96	19.7339	87.8	0	0	-	-	0	0	0	0	-	-	5	-	-	-
Chloride	EPA:300.0	mg/L	27	27	100	2.42	73.1778	414	0	0	-	-	0	3	3	11	250	NMGSF	5	3	3	03-B-10, 03-B-13, 03-B-9
Cyanide (Total)	EPA:335.3	mg/L	12	3	25	0.00211	0.00357	0.00492	9	75	-	-	0	0	0	0	0.2	NMGSF	4	-	-	-
Fluoride	EPA:300.0	mg/L	27	27	100	0.099	0.20322	0.409	0	0	-	-	0	0	0	0	1.6	NMGSF	5	-	-	-
Hardness	SM:A2340B	mg/L	28	28	100	25.2	70.7036	326	0	0	-	-	0	0	0	0	-	-	5	-	-	-
Magnesium	SW-846:6010B	mg/L	28	28	100	1.29	5.19643	26	0	0	-	-	0	0	0	0	-	-	5	-	-	-
Nitrate-Nitrite as Nitrogen	EPA:353.1	mg/L	11	10	91	0.164	0.4981	0.781	1	9	-	-	0	0	0	0	10	NMGSF	4	-	-	-
Nitrate-Nitrite as Nitrogen	EPA:353.2	mg/L	14	12	86	0.029	0.51092	1.94	2	14	-	-	0	0	0	0	10	NMGSF	4	-	-	-
Perchlorate	EPA:314.0	ug/L	22	0	0	*4*	*4*	*4*	22	100	-	-	0	0	0	0	24.5	Reg6	5	-	-	-
Perchlorate	SW846 6850 Modified	ug/L	10	8	80	0.0961	0.27951	0.554	2	20	-	-	0	0	0	0	24.5	Reg6	4	-	-	-
Perchlorate	SW-846:6850	ug/L	18	17	94	0.0518	0.18838	0.331	1	6	-	-	0	0	0	0	24.5	Reg6	4	-	-	-
pH	EPA:150.1	SU	27	27	100	6.05	7.34741	8.33	0	0	-	-	0	0	0	0	-	-	5	-	-	-
Potassium	SW-846:6010B	mg/L	28	28	100	0.974	3.51979	10.5	0	0	-	-	0	0	0	0	-	-	5	-	-	-
Silicon Dioxide	SW-846:6010B	mg/L	27	27	100	10.8	41.6444	135	0	0	-	-	0	0	0	0	-	-	5	-	-	-
Sodium	SW-846:6010B	mg/L	28	28	100	10.6	55.1393	290	0	0	-	-	0	0	0	0	-	-	5	-	-	-
Specific Conductance	EPA:120.1	uS/cm	27	27	100	151	437.259	1610	0	0	-	-	0	0	0	0	-	-	5	-	-	-
Sulfate	EPA:300.0	mg/L	27	27	100	2.07	7.84259	13.6	0	0	-	-	0	0	0	0	600	NMGSF	5	-	-	-
Sulfide, Total	EPA:376.2	mg/L	3	0	0	*0.03*	*0.07*	*0.15*	3	100	-	-	0	0	0	0	-	-	2	-	-	-
Total Dissolved Solids	EPA:160.1	mg/L	38	38	100	100	276.237	939	0	0	-	-	0	0	6	16	1000	NMGSF	5	-	3	-
Total Kjeldahl Nitrogen	EPA:351.2	mg/L	24	13	54	0.051	0.49792	2.39	11	46	-	-	0	0	0	0	-	-	5	-	-	-
Total Phosphate as Phosphorus	EPA:365.4	mg/L	24	2	8	0.058	0.2155	0.373	22	92	-	-	0	0	0	0	-	-	5	-	-	-
Pajarito, Geninorg, UF, Intermediate																						
Alkalinity-CO3	EPA:310.1	mg/L	9	2	22	1.78	2.86	3.94	7	78	-	-	0	0	0	0	-	-	3	-	-	-
Alkalinity-CO3+HCO3	EPA:310.1	mg/L	9	9	100	32.8	53.1444	75.4	0	0	-	-	0	0	0	0	-	-	3	-	-	-
Alkalinity-HCO3	EPA:310.1	mg/L	3	3	100	67.2	68.9667	71.1	0	0	-	-	0	0	0	0	-	-	1	-	-	-
Ammonia as Nitrogen	EPA:350.1	mg/L	8	1	13	0.086	0.086	0.086	7	88	-	-	0	0	0	0	0.2085714	Reg6	3	-	-	-
Bromide	EPA:300.0	mg/L	6	2	33	0.864	0.8705	0.877	4	67	-	-	0	0	0	0	-	-	2	-	-	-
Calcium	SW-846:6010B	mg/L	31	31	100	7.39	19.931	72.4	0	0	-	-	0	0	0	0	-	-	5	-	-	-
Chemical Oxygen Demand	EPA:410.4	mg/L	5	2	40	47	47.05	47.1	3	60	-	-	0	0	0	0	-	-	3	-	-	-
Chloride	EPA:300.0	mg/L	9	9	100	2.33	37.0778	74.9	0	0	-	-	0	0	0	0	-	-	3	-	-	-
Cyanide (Total)	EPA:335.3	mg/L	19	8	42	0.00199	0.00443	0.0105	11	58	-	-	0	0	0	0	0.2	MCL	4	-	-	-
Cyanide (Total)	SW-846:9012A	mg/L	3	0	0	*0.00172*	*0.00172*	*0.00172*	3	100	-	-	0	0	0	0	0.2	MCL	1	-	-	-
Fluoride	EPA:300.0	mg/L	9	9	100	0.106	0.29578	0.674	0	0	-	-	0	0	0	0	4	MCL	3	-	-	-
Hardness	EPA:200.7	mg/L	3	3	100	53.1	57	61.4	0	0	-	-	0	0	0	0	-	-	1	-	-	-
Hardness	SM:A2340B	mg/L	28	28	100	26.7	73.2464	276	0	0	-	-	0	0	0	0	-	-	5	-	-	-
Magnesium	SW-846:6010B	mg/L	31	31	100	1.86	5.30968	23.2	0	0	-	-	0	0	0	0	-	-	5	-	-	-
Nitrate-Nitrite as Nitrogen	EPA:353.1	mg/L	8	8	100	0.159	0.36788	0.606	0	0	-	-	0	0	0	0	10	MCL	3	-	-	-
Perchlorate	EPA:314.0	ug/L	3	0	0	*1.45*	*3.15*	*4*	3	100	-	-	0	0	0	0	24.5	Reg6	1	-	-	-
Perchlorate	SW846 6850 Modified	ug/L	1	1	100	0.299	0.299	0.299	0	0	-	-	0	0	0	0	24.5	Reg6	1	-	-	-
pH	EPA:150.1	SU	9	9	100	6.07	6.69889	8.53	0	0	-	-	0	0	0	0	-	-	3	-	-	-
Potassium	SW-846:6010B	mg/L	31	31	100	0.998	3.63542	10.4	0	0	-	-	0	0	0	0	-	-	5	-	-	-
Silicon Dioxide	SW-846:6010B	mg/L	10	10	100	30.8	71.06	166	0	0	-	-	0	0	0	0	-	-	3	-	-	-
Sodium	SW-846:6010B	mg/L	31	31	100	10.3	50.8645	251	0	0	-	-	0	0	0	0	-	-	5	-	-	-
Specific Conductance	EPA:120.1	uS/cm	6	6	100	272	308.167	368	0	0	-	-	0	0	0	0	-	-	2	-	-	-
Specific Conductance	SW-846:9050A	uS/cm	3	3	100	146	148.333	152	0	0	-	-	0	0	0	0	-	-	1	-	-	-
Sulfate	EPA:300.0	mg/L	9	9	100	2.81	5.16111	9.07	0	0	-	-	0	0	0	0	-	-	3	-	-	-
Suspended Sediment Concentration	EPA:160.2	mg/L	3	1	33	1000	1000	1000	2	67	-	-	0	0	0	0	-	-	2	-	-	-
Total Kjeldahl Nitrogen	EPA:351.2	mg/L	20	12	60	0.175	0.69742	1.62	8	40	-	-	0	0	0	0	-	-	4	-	-	-
Total Organic Carbon	SW-846:9060	mg/L	28	26	93	0.238	3.84435	10.1	2	7	-	-	0	0	0	0	-	-	5	-	-	-
Total Phosphate as Phosphorus	EPA:365.4	mg/L	9	1	11	0.03	0.03	0.03	8	89	-	-	0	0	0	0	-	-	3	-	-	-
Total Suspended Solids	EPA:160.2	mg/L	6	3	50	6	20.0433	46	3	50	-	-	0	0	0	0	-	-	4	-	-	-

Table B-4
Screening Table for Pajarito Canyon Watershed (including Twomile and Threemile Canyons)

Analyte	Method	Units	No. of Analyses	No. of Detects	D Rate %	Min	Mean	Max	No. of Non-detects	ND Rate %	BV	D> BV	ND> Std	D> Std	D> Std/2	D>Std/2 Rate %	Level	Std Type	Locations with Data (number)	D>Std (number of locations)	D>Std/2 (number of locations)	D>Std Stations
Pajarito, Geninorg, F, Regional																						
Alkalinity-CO3	EPA:310.1	mg/L	93	18	19	0.73	2.58361	6.12	75	81	-	-	0	0	0	0	-	-	7	-	-	-
Alkalinity-CO3+HCO3	EPA:310.1	mg/L	102	102	100	15.9	86.5667	342	0	0	156.6	2	0	0	0	0	-	-	7	-	-	-
Alkalinity-HCO3	EPA:310.1	mg/L	21	21	100	54.6	100.533	269	0	0	132.3	1	0	0	0	0	-	-	3	-	-	-
Ammonia	EPA:350.1	mg/L	6	4	67	0.52	0.765	1.06	2	33	-	-	0	0	0	0	-	-	1	-	-	-
Ammonia as Nitrogen	EPA:350.1	mg/L	89	34	38	0.021	0.30785	0.799	55	62	0.25	4	0	23	25	28	0.2085714	Reg6	7	5	5	R-18, R-19, R-20, R-22, R-32
Bromide	EPA:300.0	mg/L	105	9	9	0.065	0.15944	0.529	96	91	0.18	2	0	0	0	0	-	-	7	-	-	-
Calcium	SW-846:6010B	mg/L	106	106	100	2.25	15.8345	71.7	0	0	24.88	2	0	0	0	0	-	-	7	-	-	-
Chloride	EPA:300.0	mg/L	105	104	99	1.2	2.98192	10.2	1	1	3.57	3	0	0	0	0	250	NMGSF	7	-	-	-
Cyanide (Total)	EPA:335.3	mg/L	33	0	0	*0.0015*	*0.00189*	*0.005*	33	100	-	-	0	0	0	0	0.2	NMGSF	7	-	-	-
Cyanide (Total)	SW-846:9012A	mg/L	8	3	38	0.00263	0.02323	0.0624	5	63	-	-	0	0	0	0	0.2	NMGSF	3	-	-	-
Dissolved Organic Carbon	USGS-WRI-79-4	mg/L	29	29	100	0.4	3.71586	9	0	0	-	-	0	0	0	0	-	-	4	-	-	-
Fluoride	EPA:300.0	mg/L	105	100	95	0.09	0.40336	1.31	5	5	0.57	3	0	0	8	8	1.6	NMGSF	7	-	2	-
Hardness	SM:A2340B	mg/L	73	73	100	8.5	51.1685	267	0	0	-	-	0	0	0	0	-	-	7	-	-	-
Humic Substances, Hydrophilic Acids	USGS-WRI-79-4	mg/L	19	19	100	0.1	1.12105	2.2	0	0	-	-	0	0	0	0	-	-	4	-	-	-
Humic Substances, Hydrophilic Bases	USGS-WRI-79-4	mg/L	19	19	100	0	0.23158	0.5	0	0	-	-	0	0	0	0	-	-	4	-	-	-
Humic Substances, Hydrophilic Neutrals	USGS-WRI-79-4	mg/L	19	19	100	0	0.42105	1.6	0	0	-	-	0	0	0	0	-	-	4	-	-	-
Humic Substances, Hydrophilic Total	USGS-WRI-79-4	mg/L	19	19	100	0.3	1.77368	3	0	0	-	-	0	0	0	0	-	-	4	-	-	-
Humic Substances, Hydrophobic Acids	USGS-WRI-79-4	mg/L	19	19	100	0.1	2.55263	5.7	0	0	-	-	0	0	0	0	-	-	4	-	-	-
Humic Substances, Hydrophobic Bases	USGS-WRI-79-4	mg/L	19	19	100	0	0	0	0	0	-	-	0	0	0	0	-	-	4	-	-	-
Humic Substances, Hydrophobic Neutrals	USGS-WRI-79-4	mg/L	19	19	100	0.2	0.94737	2.7	0	0	-	-	0	0	0	0	-	-	4	-	-	-
Humic Substances, Hydrophobic Total	USGS-WRI-79-4	mg/L	19	19	100	0.4	3.51053	6.4	0	0	-	-	0	0	0	0	-	-	4	-	-	-
Magnesium	SW-846:6010B	mg/L	106	106	100	0.462	4.14859	21.3	0	0	4.15	4	0	0	0	0	-	-	7	-	-	-
Nitrate as Nitrogen	EPA:300.0	mg/L	2	1	50	0.099	0.099	0.099	1	50	0.53	-	0	0	0	0	10	MCL	1	-	-	-
Nitrate-Nitrite as Nitrogen	EPA:353.1	mg/L	61	44	72	0.02	0.61158	1.55	17	28	0.89	2	0	0	0	0	10	NMGSF	7	-	-	-
Nitrate-Nitrite as Nitrogen	EPA:353.2	mg/L	33	32	97	0.031	0.61178	1.36	1	3	0.89	1	0	0	0	0	10	NMGSF	6	-	-	-
Nitrite as Nitrogen	EPA:300.0	mg/L	2	1	50	0.058	0.058	0.058	1	50	-	-	0	0	0	0	1	MCL	1	-	-	-
Oxalate	EPA:300.0	mg/L	8	0	0	*0.346*	*0.5365*	*0.6*	8	100	-	-	0	0	0	0	-	-	2	-	-	-
Perchlorate	EPA:314.0	ug/L	70	0	0	*4*	*4*	*4*	70	100	0.46	-	0	0	0	0	24.5	Reg6	7	-	-	-
Perchlorate	SW846 6850 Modified	ug/L	36	26	72	0.21	0.31262	0.467	10	28	0.46	1	0	0	0	0	24.5	Reg6	7	-	-	-
Perchlorate	SW-846:6850	ug/L	33	32	97	0.0535	0.29508	0.454	1	3	0.46	-	0	0	0	0	24.5	Reg6	6	-	-	-
pH	EPA:150.1	SU	72	72	100	6.54	7.78556	8.85	0	0	-	-	0	0	0	0	-	-	7	-	-	-
Phosphorus, Orthophosphate (Expressed as PO4)	EPA:300.0	mg/L	1	0	0	*0.066*	*0.066*	*0.066*	1	100	-	-	0	0	0	0	-	-	1	-	-	-
Potassium	SW-846:6010B	mg/L	106	106	100	0.979	2.46207	7.07	0	0	2.63	2	0	0	0	0	-	-	7	-	-	-
Silicon Dioxide	SW-846:6010B	mg/L	104	103	99	21.4	58.6495	88	1	1	88.5	-	0	0	0	0	-	-	7	-	-	-
Sodium	SW-846:6010B	mg/L	106	106	100	7.62	19.3505	101	0	0	24.5	2	0	0	0	0	-	-	7	-	-	-
Specific Conductance	EPA:120.1	uS/cm	64	64	100	94.2	153.003	500	0	0	-	-	0	0	0	0	-	-	7	-	-	-
Specific Conductance	SW-846:9050A	uS/cm	8	8	100	110	198.25	443	0	0	-	-	0	0	0	0	-	-	3	-	-	-
Sulfate	EPA:300.0	mg/L	105	92	88	0.25	3.68262	23.4	13	12	7.2	3	0	0	0	0	600	NMGSF	7	-	-	-
Total Dissolved Solids	EPA:160.1	mg/L	117	117	100	30	188.521	2900	0	0	191.68	3	0	1	2	2	1000	NMGSF	7	1	2	R-23
Total Kjeldahl Nitrogen	EPA:351.2	mg/L	96	56	58	0.01	0.9312	22.9	40	42	1	3	0	0	0	0	-	-	7	-	-	-
Total Phosphate as Phosphorus	EPA:300.0	mg/L	4	4	100	0.366	0.59475	0.941	0	0	0.34	1	0	0	0	0	-	-	1	-	-	-
Total Phosphate as Phosphorus	EPA:365.4	mg/L	101	33	33	0.019	0.97327	3.64	68	67	0.34	3	0	0	0	0	-	-	7	-	-	-
Pajarito, Geninorg, UF, Regional																						
Alkalinity-CO3	EPA:310.1	mg/L	45	9	20	0.733	3.52689	9.23	36	80	-	-	0	0	0	0	-	-	5	-	-	-
Alkalinity-CO3+HCO3	EPA:310.1	mg/L	45	45	100	40.6	100.944	289	0	0	-	-	0	0	0	0	-	-	5	-	-	-
Alkalinity-HCO3	EPA:310.1	mg/L	27	27	100	40.5	124.252	289	0	0	-	-	0	0	0	0	-	-	2	-	-	-
Ammonia as Nitrogen	EPA:350.1	mg/L	58	37	64	0.018	0.37232	1.05	21	36	-	-	0	26	29	50	0.2085714	Reg6	6	4	4	R-19, R-20, R-22, R-32
Bromide	EPA:300.0	mg/L	18	0	0	*0.066*	*0.066*	*0.066*	18	100	-	-	0	0	0	0	-	-	5	-	-	-
Calcium	SW-846:6010B	mg/L	133	133	100	2.81	17.0929	74.9	0	0	-	-	0	0	0	0	-	-	7	-	-	-
Chemical Oxygen Demand	EPA:410.4	mg/L	11	5	45	1.75	6.92	21.5	6	55	-	-	0	0	0	0	-	-	6	-	-	-
Chloride	EPA:300.0	mg/L	45	45	100	1.27	3.05778	9.08	0	0	-	-	0	0	0	0	-	-	5	-	-	-
Cyanide (Total)	EPA:335.3	mg/L	52	5	10	0.00172	0.00555	0.0119	47	90	-	-	0	0	0	0	0.2	MCL	6	-	-	-
Cyanide (Total)	SW-846:9012A	mg/L	55	12	22	0.00243	0.00459	0.0111	43	78	-	-	0	0	0	0	0.2	MCL	6	-	-	-
Fluoride	EPA:300.0	mg/L	45	44	98	0.094	0.34518	0.628	1	2	-	-	0	0	0	0	4	MCL	5	-	-	-

Table B-4
Screening Table for Pajarito Canyon Watershed (including Twomile and Threemile Canyons)

Analyte	Method	Units	No. of Analyses	No. of Detects	D Rate %	Min	Mean	Max	No. of Non-detects	ND Rate %	BV	D> BV	ND> Std	D> Std	D> Std/2	D>Std/2 Rate %	Level	Std Type	Locations with Data (number)	D>Std (number of locations)	D>Std/2 (number of locations)	D>Std Stations
Hardness	EPA:200.7	mg/L	27	27	100	12.2	82.0667	277	0	0	-	-	0	0	0	0	-	-	2	-	-	-
Hardness	SM:A2340B	mg/L	73	73	100	11.2	50.889	268	0	0	-	-	0	0	0	0	-	-	7	-	-	-
Magnesium	SW-846:6010B	mg/L	133	133	100	0.369	4.52956	21.8	0	0	-	-	0	0	0	0	-	-	7	-	-	-
Nitrate-Nitrite as Nitrogen	EPA:353.1	mg/L	59	41	69	0.02	0.6015	1.47	18	31	-	-	0	0	0	0	10	MCL	6	-	-	-
Perchlorate	EPA:314.0	ug/L	57	1	2	32.5	32.5	32.5	56	98	0.44	1	0	1	1	2	24.5	Reg6	6	1	1	R-20
Perchlorate	SW846 6850 Modified	ug/L	37	20	54	0.0626	0.25298	0.409	17	46	0.44	-	0	0	0	0	24.5	Reg6	6	-	-	-
pH	EPA:150.1	SU	45	45	100	6.65	7.658	8.91	0	0	8.64	1	0	0	0	0	-	-	5	-	-	-
Phosphorus, Orthophosphate (Expressed as PO4)	EPA:300.0	mg/L	1	0	0	*0.066*	*0.066*	*0.066*	1	100	-	-	0	0	0	0	-	-	1	-	-	-
Potassium	SW-846:6010B	mg/L	133	133	100	1.06	2.58947	6.99	0	0	-	-	0	0	0	0	-	-	7	-	-	-
Silicon Dioxide	SW-846:6010B	mg/L	93	93	100	21.9	56.8452	84.3	0	0	-	-	0	0	0	0	-	-	6	-	-	-
Sodium	SW-846:6010B	mg/L	133	133	100	8.24	21.1757	131	0	0	-	-	0	0	0	0	-	-	7	-	-	-
Specific Conductance	EPA:120.1	uS/cm	18	18	100	107	151.667	224	0	0	287.21	-	0	0	0	0	-	-	5	-	-	-
Specific Conductance	SW-846:9050A	uS/cm	27	27	100	88.9	265.07	627	0	0	287.21	1	0	0	0	0	-	-	2	-	-	-
Sulfate	EPA:300.0	mg/L	45	42	93	0.38	5.41576	43.6	3	7	-	-	0	0	0	0	-	-	5	-	-	-
Suspended Sediment Concentration	EPA:160.2	mg/L	28	15	54	0.4	18.2947	130	13	46	-	-	0	0	0	0	-	-	6	-	-	-
Total Kjeldahl Nitrogen	EPA:351.2	mg/L	76	29	38	0.018	0.79438	3.98	47	62	-	-	0	0	0	0	-	-	7	-	-	-
Total Organic Carbon	SW-846:9060	mg/L	110	95	86	0.135	5.53414	51.7	15	14	1.37	3	0	0	0	0	-	-	7	-	-	-
Total Phosphate as Phosphorus	EPA:365.4	mg/L	72	34	47	0.019	0.75432	2.86	38	53	-	-	0	0	0	0	-	-	6	-	-	-
Total Suspended Solids	EPA:160.2	mg/L	26	8	31	1.7	37.1625	113	18	69	-	-	0	0	0	0	-	-	5	-	-	-
Pajarito, Metals, F, Ephemeral																						
Aluminum	EPA:200.7	ug/L	2	2	100	208	619	1030	0	0	-	-	0	1	1	50	750	AqAcF	2	1	1	Pajarito above Twomile
Aluminum	SW-846:6010B	ug/L	14	14	100	114	1917.57	7700	0	0	-	-	0	9	9	64	750	AqAcF	4	4	4	Pajarito above Twomile, Pajarito below TA-18, Two Mile Canyon below TA-59, Twomile above Pajarito
Antimony	EPA:200.8	ug/L	2	0	0	*0.2*	*0.2*	*0.2*	2	100	-	-	0	0	0	0	640	HHEF	2	-	-	-
Antimony	SW-846:6020	ug/L	14	0	0	*0.5*	*1.00786*	*3.4*	14	100	-	-	0	0	0	0	640	HHEF	4	-	-	-
Arsenic	EPA:200.7	ug/L	2	0	0	*1.67*	*1.67*	*1.67*	2	100	-	-	0	0	0	0	9	HHEF	2	-	-	-
Arsenic	SW-846:6010B	ug/L	4	0	0	*6*	*6*	*6*	4	100	-	-	0	0	0	0	9	HHEF	4	-	-	-
Arsenic	SW-846:6020	ug/L	10	2	20	1.9	1.95	2	8	80	-	-	0	0	0	0	9	HHEF	3	-	-	-
Barium	EPA:200.7	ug/L	2	2	100	61.2	62.7	64.2	0	0	-	-	0	0	0	0	-	-	2	-	-	-
Barium	SW-846:6010B	ug/L	14	14	100	42	60.8643	95.6	0	0	-	-	0	0	0	0	-	-	4	-	-	-
Beryllium	EPA:200.7	ug/L	2	1	50	0.191	0.191	0.191	1	50	-	-	0	0	0	0	-	-	2	-	-	-
Beryllium	SW-846:6010B	ug/L	14	0	0	*1*	*1*	*1*	14	100	-	-	0	0	0	0	-	-	4	-	-	-
Boron	EPA:200.7	ug/L	2	2	100	9.11	10.355	11.6	0	0	-	-	0	0	0	0	750	IrF	2	-	-	-
Boron	SW-846:6010B	ug/L	14	14	100	14.1	20.0286	28.7	0	0	-	-	0	0	0	0	750	IrF	4	-	-	-
Cadmium	EPA:200.8	ug/L	2	0	0	*0.07*	*0.07*	*0.07*	2	100	-	-	0	0	0	0	2	AqAcF	2	-	-	-
Cadmium	SW-846:6020	ug/L	14	1	7	0.13	0.13	0.13	13	93	-	-	0	0	0	0	2	AqAcF	4	-	-	-
Chromium	EPA:200.7	ug/L	2	1	50	1.68	1.68	1.68	1	50	-	-	0	0	0	0	100	IrF	2	-	-	-
Chromium	SW-846:6010B	ug/L	1	0	0	*1*	*1*	*1*	1	100	-	-	0	0	0	0	100	IrF	1	-	-	-
Chromium	SW-846:6020	ug/L	13	5	38	1.9	2.88	4.7	8	62	-	-	0	0	0	0	100	IrF	3	-	-	-
Cobalt	EPA:200.7	ug/L	2	0	0	*0.762*	*0.785*	*0.808*	2	100	-	-	0	0	0	0	50	IrF	2	-	-	-
Cobalt	SW-846:6010B	ug/L	14	3	21	1	1.3	1.7	11	79	-	-	0	0	0	0	50	IrF	4	-	-	-
Copper	EPA:200.7	ug/L	2	0	0	*1.8*	*1.8*	*1.8*	2	100	-	-	0	0	0	0	13.4	AqAcF	2	-	-	-
Copper	SW-846:6010B	ug/L	5	4	80	3.1	3.95	5.8	1	20	-	-	0	0	0	0	13.4	AqAcF	3	-	-	-
Iron	EPA:200.7	ug/L	2	2	100	122	290.5	459	0	0	-	-	0	0	0	0	-	-	2	-	-	-
Iron	SW-846:6010B	ug/L	14	14	100	66.4	997.793	4040	0	0	-	-	0	0	0	0	-	-	4	-	-	-
Lead	EPA:200.8	ug/L	2	2	100	0.305	0.3585	0.412	0	0	-	-	0	0	0	0	64.6	AqAcF	2	-	-	-
Lead	SW-846:6020	ug/L	14	5	36	0.7	1.728	3.3	9	64	-	-	0	0	0	0	64.6	AqAcF	4	-	-	-
Manganese	EPA:200.7	ug/L	2	2	100	2.48	3.26	4.04	0	0	-	-	0	0	0	0	-	-	2	-	-	-
Manganese	SW-846:6010B	ug/L	14	12	86	4.3	11.9917	30.9	2	14	-	-	0	0	0	0	-	-	4	-	-	-
Mercury	EPA:245.2	ug/L	14	0	0	*0.03*	*0.05286*	*0.06*	14	100	-	-	0	0	0	0	1.4	AqAcF	4	-	-	-
Molybdenum	EPA:200.7	ug/L	2	2	100	1.02	1.335	1.65	0	0	-	-	0	0	0	0	1000	IrF	2	-	-	-
Molybdenum	SW-846:6010B	ug/L	14	2	14	3.8	3.85	3.9	12	86	-	-	0	0	0	0	1000	IrF	4	-	-	-

Table B-4
Screening Table for Pajarito Canyon Watershed (including Twomile and Threemile Canyons)

Analyte	Method	Units	No. of Analyses	No. of Detects	D Rate %	Min	Mean	Max	No. of Non-detects	ND Rate %	BV	D> BV	ND> Std	D> Std	D> Std/2	D>Std/2 Rate %	Level	Std Type	Locations with Data (number)	D>Std (number of locations)	D>Std/2 (number of locations)	D>Std Stations
Nickel	EPA:200.7	ug/L	2	0	0	3.6	3.6	3.6	2	100	-	-	0	0	0	0	467	AqAcF	2	-	-	-
Nickel	SW-846:6020	ug/L	14	14	100	0.67	1.76571	2.8	0	0	-	-	0	0	0	0	467	AqAcF	4	-	-	-
Selenium	EPA:200.7	ug/L	2	0	0	2.29	2.29	2.29	2	100	-	-	0	0	0	0	50	LWF	2	-	-	-
Selenium	SW-846:6020	ug/L	14	0	0	1	2.17857	2.5	14	100	-	-	0	0	0	0	50	LWF	4	-	-	-
Silver	EPA:200.7	ug/L	2	0	0	0.819	0.819	0.819	2	100	-	-	0	0	0	0	3.2	AqAcF	2	-	-	-
Silver	SW-846:6020	ug/L	14	4	29	0.22	0.24	0.26	10	71	-	-	0	0	0	0	3.2	AqAcF	4	-	-	-
Strontium	EPA:200.7	ug/L	2	2	100	99.8	105.4	111	0	0	-	-	0	0	0	0	-	-	2	-	-	-
Strontium	SW-846:6010B	ug/L	14	14	100	64.6	90.4143	156	0	0	-	-	0	0	0	0	-	-	4	-	-	-
Thallium	EPA:200.8	ug/L	2	1	50	0.368	0.368	0.368	1	50	-	-	0	0	0	0	6.3	HHEF	2	-	-	-
Thallium	SW-846:6020	ug/L	14	3	21	0.42	0.59	0.85	11	79	-	-	0	0	0	0	6.3	HHEF	4	-	-	-
Tin	EPA:200.7	ug/L	2	0	0	1.55	1.55	1.55	2	100	-	-	0	0	0	0	-	-	2	-	-	-
Tin	SW-846:6010B	ug/L	14	1	7	2.9	2.9	2.9	13	93	-	-	0	0	0	0	-	-	4	-	-	-
Uranium	EPA:200.8	ug/L	2	2	100	0.053	0.063	0.073	0	0	-	-	0	0	0	0	-	-	2	-	-	-
Uranium	SW-846:6020	ug/L	14	9	64	0.053	0.10567	0.16	5	36	-	-	0	0	0	0	-	-	4	-	-	-
Vanadium	EPA:200.7	ug/L	2	1	50	2.2	2.2	2.2	1	50	-	-	0	0	0	0	100	IrF	2	-	-	-
Vanadium	SW-846:6010B	ug/L	14	11	79	2	3.78182	8.2	3	21	-	-	0	0	0	0	100	IrF	4	-	-	-
Zinc	EPA:200.7	ug/L	2	0	0	2.72	3.17	3.62	2	100	-	-	0	0	0	0	117.2	AqAcF	2	-	-	-
Zinc	SW-846:6010B	ug/L	14	9	64	3.2	7.6	21.5	5	36	-	-	0	0	0	0	117.2	AqAcF	4	-	-	-
Pajarito, Metals, UF, Ephemeral																						
Aluminum	EPA:200.7	ug/L	4	4	100	875	2958.75	7400	0	0	-	-	0	0	0	0	-	-	2	-	-	-
Aluminum	SW-846:6010B	ug/L	14	14	100	316	3894.93	10700	0	0	-	-	0	0	0	0	-	-	4	-	-	-
Antimony	EPA:200.8	ug/L	4	0	0	0.2	0.2375	0.35	4	100	-	-	0	0	0	0	-	-	2	-	-	-
Antimony	SW-846:6020	ug/L	14	0	0	0.5	0.99857	3.2	14	100	-	-	0	0	0	0	-	-	4	-	-	-
Arsenic	EPA:200.7	ug/L	4	0	0	1.67	1.67	1.67	4	100	-	-	0	0	0	0	-	-	2	-	-	-
Arsenic	SW-846:6010B	ug/L	4	0	0	6	6	6	4	100	-	-	0	0	0	0	-	-	4	-	-	-
Arsenic	SW-846:6020	ug/L	10	3	30	1.6	2.03333	2.6	7	70	-	-	0	0	0	0	-	-	3	-	-	-
Barium	EPA:200.7	ug/L	4	4	100	65.3	71.175	82.2	0	0	-	-	0	0	0	0	-	-	2	-	-	-
Barium	SW-846:6010B	ug/L	14	14	100	49.6	70.9143	100	0	0	-	-	0	0	0	0	-	-	4	-	-	-
Beryllium	EPA:200.7	ug/L	4	0	0	0.172	0.2985	0.64	4	100	-	-	0	0	0	0	-	-	2	-	-	-
Beryllium	SW-846:6010B	ug/L	14	0	0	1	1	1	14	100	-	-	0	0	0	0	-	-	4	-	-	-
Boron	EPA:200.7	ug/L	2	2	100	9.63	10.865	12.1	0	0	-	-	0	0	0	0	-	-	2	-	-	-
Boron	SW-846:6010B	ug/L	14	14	100	14.9	20.7357	32.8	0	0	-	-	0	0	0	0	-	-	4	-	-	-
Cadmium	EPA:200.8	ug/L	4	2	50	0.072	0.106	0.14	2	50	-	-	0	0	0	0	-	-	2	-	-	-
Cadmium	SW-846:6020	ug/L	14	0	0	0.1	0.10214	0.11	14	100	-	-	0	0	0	0	-	-	4	-	-	-
Chromium	EPA:200.7	ug/L	4	2	50	2.01	3.005	4	2	50	-	-	0	0	0	0	-	-	2	-	-	-
Chromium	SW-846:6010B	ug/L	1	1	100	2.1	2.1	2.1	0	0	-	-	0	0	0	0	-	-	1	-	-	-
Chromium	SW-846:6020	ug/L	13	10	77	1.5	2.98	6.1	3	23	-	-	0	0	0	0	-	-	3	-	-	-
Cobalt	EPA:200.7	ug/L	4	0	0	0.762	0.9715	1.6	4	100	-	-	0	0	0	0	-	-	2	-	-	-
Cobalt	SW-846:6010B	ug/L	14	1	7	1.3	1.3	1.3	13	93	-	-	0	0	0	0	-	-	4	-	-	-
Copper	EPA:200.7	ug/L	4	1	25	2.9	2.9	2.9	3	75	-	-	0	0	0	0	-	-	2	-	-	-
Copper	SW-846:6010B	ug/L	6	4	67	3.2	3.825	4.7	2	33	-	-	0	0	0	0	-	-	4	-	-	-
Iron	EPA:200.7	ug/L	4	4	100	501	1473.25	3570	0	0	-	-	0	0	0	0	-	-	2	-	-	-
Iron	SW-846:6010B	ug/L	14	14	100	208	2089	6120	0	0	-	-	0	0	0	0	-	-	4	-	-	-
Lead	EPA:200.8	ug/L	4	4	100	0.409	1.03625	2.3	0	0	-	-	0	0	0	0	-	-	2	-	-	-
Lead	SW-846:6020	ug/L	14	10	71	0.6	1.938	4.4	4	29	-	-	0	0	0	0	-	-	4	-	-	-
Manganese	EPA:200.7	ug/L	4	4	100	6.07	13.5675	25.6	0	0	-	-	0	0	0	0	-	-	2	-	-	-
Manganese	SW-846:6010B	ug/L	14	14	100	4.2	20.1714	55.4	0	0	-	-	0	0	0	0	-	-	4	-	-	-
Mercury	EPA:245.1	ug/L	2	0	0	0.047	0.047	0.047	2	100	-	-	0	0	0	0	10	WHU	2	-	-	-
Mercury	EPA:245.2	ug/L	16	0	0	0.03	0.05215	0.06	16	100	-	-	0	0	0	0	10	WHU	4	-	-	-
Molybdenum	EPA:200.7	ug/L	4	0	0	0.948	0.948	0.948	4	100	-	-	0	0	0	0	-	-	2	-	-	-
Molybdenum	SW-846:6010B	ug/L	14	2	14	2.9	3.05	3.2	12	86	-	-	0	0	0	0	-	-	4	-	-	-
Nickel	EPA:200.7	ug/L	2	0	0	3.6	3.6	3.6	2	100	-	-	0	0	0	0	-	-	2	-	-	-
Nickel	EPA:200.8	ug/L	2	1	50	4.2	4.2	4.2	1	50	-	-	0	0	0	0	-	-	2	-	-	-
Nickel	SW-846:6020	ug/L	14	14	100	0.83	2.38643	3.8	0	0	-	-	0	0	0	0	-	-	4	-	-	-
Selenium	EPA:200.7	ug/L	2	0	0	2.29	2.29	2.29	2	100	-	-	0	0	0	0	20	AqAcU	2	-	-	-
Selenium	EPA:200.8	ug/L	2	0	0	1.9	2.15	2.4	2	100	-	-	0	0	0	0	20	AqAcU	2	-	-	-
Selenium	SW-846:6020	ug/L	14	0	0	1	2.17857	2.5	14	100	-	-	0	0	0	0	20	AqAcU	4	-	-	-
Silver	EPA:200.7	ug/L	2	0	0	0.819	0.819	0.819	2	100	-	-	0	0	0	0	-	-	2	-	-	-

Table B-4
Screening Table for Pajarito Canyon Watershed (including Twomile and Threemile Canyons)

Analyte	Method	Units	No. of Analyses	No. of Detects	D Rate %	Min	Mean	Max	No. of Non-detects	ND Rate %	BV	D> BV	ND> Std	D> Std	D> Std/2	D>Std/2 Rate %	Level	Std Type	Locations with Data (number)	D>Std (number of locations)	D>Std/2 (number of locations)	D>Std Stations
Silver	EPA:200.8	ug/L	2	1	50	0.6	0.6	0.6	1	50	-	-	0	0	0	0	-	-	2	-	-	-
Silver	SW-846:6020	ug/L	14	7	50	0.21	0.41143	0.65	7	50	-	-	0	0	0	0	-	-	4	-	-	-
Strontium	EPA:200.7	ug/L	2	2	100	99.5	104.75	110	0	0	-	-	0	0	0	0	-	-	2	-	-	-
Strontium	SW-846:6010B	ug/L	14	14	100	65.7	92.3429	157	0	0	-	-	0	0	0	0	-	-	4	-	-	-
Thallium	EPA:200.8	ug/L	4	2	50	0.1	0.28	0.46	2	50	-	-	0	0	0	0	-	-	2	-	-	-
Thallium	SW-846:6020	ug/L	14	0	0	*0.3*	*0.37857*	*0.4*	14	100	-	-	0	0	0	0	-	-	4	-	-	-
Tin	EPA:200.7	ug/L	2	0	0	*1.55*	*1.55*	*1.55*	2	100	-	-	0	0	0	0	-	-	2	-	-	-
Tin	SW-846:6010B	ug/L	14	1	7	2.6	2.6	2.6	13	93	-	-	0	0	0	0	-	-	4	-	-	-
Uranium	EPA:200.8	ug/L	2	2	100	0.056	0.0705	0.085	0	0	-	-	0	0	0	0	-	-	2	-	-	-
Uranium	SW-846:6020	ug/L	14	12	86	0.052	0.16275	0.33	2	14	-	-	0	0	0	0	-	-	4	-	-	-
Vanadium	EPA:200.7	ug/L	4	3	75	1.28	3.47667	6.4	1	25	-	-	0	0	0	0	-	-	2	-	-	-
Vanadium	SW-846:6010B	ug/L	14	14	100	1.1	4.52857	10	0	0	-	-	0	0	0	0	-	-	4	-	-	-
Zinc	EPA:200.7	ug/L	4	2	50	5.5	9.4	13.3	2	50	-	-	0	0	0	0	-	-	2	-	-	-
Zinc	SW-846:6010B	ug/L	14	13	93	2.2	9.34615	27.4	1	7	-	-	0	0	0	0	-	-	4	-	-	-
Pajarito, Metals, F, Perennial																						
Aluminum	EPA:200.7	ug/L	1	0	0	*94.8*	*94.8*	*94.8*	1	100	-	-	1	0	0	0	87	AqChrF	1	-	-	-
Aluminum	SW-846:6010B	ug/L	14	14	100	133	1006.14	4090	0	0	-	-	0	14	14	100	87	AqChrF	2	2	2	Pajarito 0.5 mi above SR-501, Pajarito below confluences of South and North Anchor East Basin
Antimony	EPA:200.8	ug/L	1	0	0	*0.2*	*0.2*	*0.2*	1	100	-	-	0	0	0	0	640	HHPF	1	-	-	-
Antimony	SW-846:6020	ug/L	14	0	0	*0.5*	*0.51571*	*0.72*	14	100	-	-	0	0	0	0	640	HHPF	2	-	-	-
Arsenic	EPA:200.7	ug/L	1	0	0	*1.67*	*1.67*	*1.67*	1	100	-	-	0	0	0	0	9	HHPF	1	-	-	-
Arsenic	SW-846:6010B	ug/L	7	0	0	*6*	*6*	*6*	7	100	-	-	0	0	0	0	9	HHPF	2	-	-	-
Arsenic	SW-846:6020	ug/L	7	1	14	1.8	1.8	1.8	6	86	-	-	0	0	0	0	9	HHPF	2	-	-	-
Barium	EPA:200.7	ug/L	1	0	0	*40*	*40*	*40*	1	100	-	-	0	0	0	0	-	-	1	-	-	-
Barium	SW-846:6010B	ug/L	14	14	100	24.4	42.8	68.1	0	0	-	-	0	0	0	0	-	-	2	-	-	-
Beryllium	EPA:200.7	ug/L	1	0	0	*0.253*	*0.253*	*0.253*	1	100	-	-	0	0	0	0	-	-	1	-	-	-
Beryllium	SW-846:6010B	ug/L	14	0	0	*1*	*1*	*1*	14	100	-	-	0	0	0	0	-	-	2	-	-	-
Boron	EPA:200.7	ug/L	1	0	0	*9.48*	*9.48*	*9.48*	1	100	-	-	0	0	0	0	750	IrF	1	-	-	-
Boron	SW-846:6010B	ug/L	14	6	43	10.4	14.35	20.9	8	57	-	-	0	0	0	0	750	IrF	2	-	-	-
Cadmium	EPA:200.8	ug/L	1	0	0	*0.07*	*0.07*	*0.07*	1	100	-	-	0	0	0	0	0.2	AqChrF	1	-	-	-
Cadmium	SW-846:6020	ug/L	14	1	7	0.11	0.11	0.11	13	93	-	-	0	0	1	7	0.2	AqChrF	2	-	1	-
Chromium	EPA:200.7	ug/L	1	0	0	*1.43*	*1.43*	*1.43*	1	100	-	-	0	0	0	0	74.1	AqChrF	1	-	-	-
Chromium	SW-846:6010B	ug/L	1	0	0	*1*	*1*	*1*	1	100	-	-	0	0	0	0	74.1	AqChrF	1	-	-	-
Chromium	SW-846:6020	ug/L	13	6	46	1.1	1.75	2.9	7	54	-	-	0	0	0	0	74.1	AqChrF	2	-	-	-
Cobalt	EPA:200.7	ug/L	1	0	0	*0.762*	*0.762*	*0.762*	1	100	-	-	0	0	0	0	50	IrF	1	-	-	-
Cobalt	SW-846:6010B	ug/L	14	1	7	7.2	7.2	7.2	13	93	-	-	0	0	0	0	50	IrF	2	-	-	-
Copper	EPA:200.7	ug/L	1	0	0	*3.21*	*3.21*	*3.21*	1	100	-	-	0	0	0	0	9	AqChrF	1	-	-	-
Copper	SW-846:6010B	ug/L	10	1	10	3.7	3.7	3.7	9	90	-	-	0	0	0	0	9	AqChrF	2	-	-	-
Iron	EPA:200.7	ug/L	1	0	0	*43.8*	*43.8*	*43.8*	1	100	-	-	0	0	0	0	-	-	1	-	-	-
Iron	SW-846:6010B	ug/L	14	13	93	51.9	484.492	1990	1	7	-	-	0	0	0	0	-	-	2	-	-	-
Lead	EPA:200.8	ug/L	1	0	0	*0.098*	*0.098*	*0.098*	1	100	-	-	0	0	0	0	2.5	AqChrF	1	-	-	-
Lead	SW-846:6020	ug/L	14	3	21	0.51	1.03667	1.4	11	79	-	-	0	0	1	7	2.5	AqChrF	2	-	1	-
Manganese	EPA:200.7	ug/L	1	0	0	*1.01*	*1.01*	*1.01*	1	100	-	-	0	0	0	0	-	-	1	-	-	-
Manganese	SW-846:6010B	ug/L	14	9	64	3.3	10.3	19.1	5	36	-	-	0	0	0	0	-	-	2	-	-	-
Mercury	EPA:245.1	ug/L	1	0	0	*0.0472*	*0.0472*	*0.0472*	1	100	-	-	0	0	0	0	0.77	AqChrF	1	-	-	-
Mercury	EPA:245.2	ug/L	14	0	0	*0.03*	*0.055*	*0.06*	14	100	-	-	0	0	0	0	0.77	AqChrF	2	-	-	-
Molybdenum	EPA:200.7	ug/L	1	0	0	*1.7*	*1.7*	*1.7*	1	100	-	-	0	0	0	0	1000	IrF	1	-	-	-
Molybdenum	SW-846:6010B	ug/L	14	1	7	2.2	2.2	2.2	13	93	-	-	0	0	0	0	1000	IrF	2	-	-	-
Nickel	EPA:200.7	ug/L	1	0	0	*3.6*	*3.6*	*3.6*	1	100	-	-	0	0	0	0	52	AqChrF	1	-	-	-
Nickel	SW-846:6020	ug/L	14	8	57	0.59	1.51375	2.5	6	43	-	-	0	0	0	0	52	AqChrF	2	-	-	-
Selenium	SW-846:6020	ug/L	14	0	0	*1*	*2.28571*	*2.5*	14	100	-	-	0	0	0	0	50	LWF	2	-	-	-
Silver	EPA:200.7	ug/L	1	0	0	*0.819*	*0.819*	*0.819*	1	100	-	-	0	0	0	0	3.2	AqAcF	1	-	-	-
Silver	SW-846:6020	ug/L	14	1	7	0.51	0.51	0.51	13	93	-	-	0	0	0	0	3.2	AqAcF	2	-	-	-
Strontium	EPA:200.7	ug/L	1	0	0	*82.3*	*82.3*	*82.3*	1	100	-	-	0	0	0	0	-	-	1	-	-	-

Table B-4
Screening Table for Pajarito Canyon Watershed (including Twomile and Threemile Canyons)

Analyte	Method	Units	No. of Analyses	No. of Detects	D Rate %	Min	Mean	Max	No. of Non-detects	ND Rate %	BV	D> BV	ND> Std	D> Std	D> Std/2	D>Std/2 Rate %	Level	Std Type	Locations with Data (number)	D>Std (number of locations)	D>Std/2 (number of locations)	D>Std Stations
Strontium	SW-846:6010B	ug/L	14	14	100	53.6	75.65	95.6	0	0	-	-	0	0	0	0	-	-	2	-	-	-
Thallium	EPA:200.8	ug/L	1	0	0	*0.02*	*0.02*	*0.02*	1	100	-	-	0	0	0	0	6.3	HHPF	1	-	-	-
Thallium	SW-846:6020	ug/L	14	3	21	0.45	0.48333	0.53	11	79	-	-	0	0	0	0	6.3	HHPF	2	-	-	-
Tin	EPA:200.7	ug/L	1	0	0	*1.55*	*1.55*	*1.55*	1	100	-	-	0	0	0	0	-	-	1	-	-	-
Tin	SW-846:6010B	ug/L	14	2	14	2.9	3	3.1	12	86	-	-	0	0	0	0	-	-	2	-	-	-
Uranium	SW-846:6020	ug/L	14	5	36	0.071	0.1328	0.2	9	64	-	-	0	0	0	0	-	-	2	-	-	-
Vanadium	EPA:200.7	ug/L	1	0	0	*3.02*	*3.02*	*3.02*	1	100	-	-	0	0	0	0	100	IrF	1	-	-	-
Vanadium	SW-846:6010B	ug/L	14	13	93	2	2.55385	5	1	7	-	-	0	0	0	0	100	IrF	2	-	-	-
Zinc	EPA:200.7	ug/L	1	0	0	*2.06*	*2.06*	*2.06*	1	100	-	-	0	0	0	0	117.2	AqAcF	1	-	-	-
Zinc	SW-846:6010B	ug/L	14	5	36	2.8	3.38	4.6	9	64	-	-	0	0	0	0	117.2	AqAcF	2	-	-	-
Pajarito, Metals, UF, Perennial																						
Aluminum	SW-846:6010B	ug/L	14	14	100	193	2274.5	9120	0	0	-	-	0	0	0	0	-	-	2	-	-	-
Antimony	SW-846:6020	ug/L	14	0	0	*0.5*	*0.5*	*0.5*	14	100	-	-	0	0	0	0	-	-	2	-	-	-
Arsenic	SW-846:6010B	ug/L	7	0	0	*6*	*6*	*6*	7	100	-	-	0	0	0	0	-	-	2	-	-	-
Arsenic	SW-846:6020	ug/L	7	5	71	1.5	1.82	2.3	2	29	-	-	0	0	0	0	-	-	2	-	-	-
Barium	SW-846:6010B	ug/L	14	14	100	24.2	48.8	96.5	0	0	-	-	0	0	0	0	-	-	2	-	-	-
Beryllium	SW-846:6010B	ug/L	14	0	0	*1*	*1*	*1*	14	100	-	-	0	0	0	0	-	-	2	-	-	-
Boron	SW-846:6010B	ug/L	14	4	29	12.3	17.05	20.2	10	71	-	-	0	0	0	0	-	-	2	-	-	-
Cadmium	SW-846:6020	ug/L	14	1	7	0.17	0.17	0.17	13	93	-	-	0	0	0	0	-	-	2	-	-	-
Chromium	SW-846:6010B	ug/L	1	0	0	*1*	*1*	*1*	1	100	-	-	0	0	0	0	-	-	1	-	-	-
Chromium	SW-846:6020	ug/L	13	8	62	1.1	2.375	5.1	5	38	-	-	0	0	0	0	-	-	2	-	-	-
Cobalt	SW-846:6010B	ug/L	14	0	0	*1*	*1*	*1*	14	100	-	-	0	0	0	0	-	-	2	-	-	-
Copper	SW-846:6010B	ug/L	11	2	18	4.3	4.85	5.4	9	82	-	-	0	0	0	0	-	-	2	-	-	-
Iron	SW-846:6010B	ug/L	14	13	93	92.8	1186.49	5090	1	7	-	-	0	0	0	0	-	-	2	-	-	-
Lead	SW-846:6020	ug/L	14	7	50	0.55	1.51714	3.8	7	50	-	-	0	0	0	0	-	-	2	-	-	-
Manganese	SW-846:6010B	ug/L	14	12	86	2.5	13.2833	37.4	2	14	-	-	0	0	0	0	-	-	2	-	-	-
Mercury	EPA:245.1	ug/L	1	0	0	*0.0472*	*0.0472*	*0.0472*	1	100	-	-	0	0	0	0	10	WHU	1	-	-	-
Mercury	EPA:245.2	ug/L	14	0	0	*0.03*	*0.055*	*0.06*	14	100	-	-	0	0	0	0	10	WHU	2	-	-	-
Molybdenum	SW-846:6010B	ug/L	14	0	0	*2*	*2.02857*	*2.4*	14	100	-	-	0	0	0	0	-	-	2	-	-	-
Nickel	SW-846:6020	ug/L	14	10	71	0.55	1.882	5.5	4	29	-	-	0	0	0	0	-	-	2	-	-	-
Selenium	EPA:200.7	ug/L	1	0	0	*2.29*	*2.29*	*2.29*	1	100	-	-	0	0	0	0	20	AqAcU	1	-	-	-
Selenium	SW-846:6020	ug/L	14	0	0	*1*	*2.28571*	*2.5*	14	100	-	-	0	0	0	0	20	AqAcU	2	-	-	-
Silver	SW-846:6020	ug/L	14	5	36	0.28	0.592	1.3	9	64	-	-	0	0	0	0	-	-	2	-	-	-
Strontium	SW-846:6010B	ug/L	14	14	100	53.4	76.6286	101	0	0	-	-	0	0	0	0	-	-	2	-	-	-
Thallium	SW-846:6020	ug/L	14	0	0	*0.3*	*0.38571*	*0.4*	14	100	-	-	0	0	0	0	-	-	2	-	-	-
Tin	SW-846:6010B	ug/L	14	0	0	*2.5*	*2.65714*	*4.7*	14	100	-	-	0	0	0	0	-	-	2	-	-	-
Uranium	SW-846:6020	ug/L	14	7	50	0.074	0.252	0.67	7	50	-	-	0	0	0	0	-	-	2	-	-	-
Vanadium	SW-846:6010B	ug/L	14	13	93	1.4	3.57692	10	1	7	-	-	0	0	0	0	-	-	2	-	-	-
Zinc	SW-846:6010B	ug/L	14	5	36	2.7	6.24	16.3	9	64	-	-	0	0	0	0	-	-	2	-	-	-
Pajarito, Metals, F, Springs																						
Aluminum	SW-846:6010B	ug/L	62	56	90	27.5	1646.04	12800	6	10	-	-	0	3	10	16	5000	NMGSF	10	3	7	Homestead Spring, Kieling Spring, TW-1.72 Spring
Antimony	SW-846:6020	ug/L	62	1	2	4.9	4.9	4.9	61	98	-	-	0	0	1	2	6	MCL	10	-	1	-
Arsenic	SW-846:6010B	ug/L	24	0	0	*2.24*	*4.9225*	*6*	24	100	-	-	0	0	0	0	10	MCL	10	-	-	-
Arsenic	SW-846:6020	ug/L	38	7	18	1.6	2.01429	2.7	31	82	-	-	0	0	0	0	10	MCL	10	-	-	-
Barium	SW-846:6010B	ug/L	62	62	100	19.4	53.0726	101	0	0	-	-	0	0	0	0	1000	NMGSF	10	-	-	-
Beryllium	SW-846:6010B	ug/L	62	0	0	*0.158*	*0.90494*	*1*	62	100	-	-	0	0	0	0	4	MCL	10	-	-	-
Boron	SW-846:6010B	ug/L	62	41	66	10.8	18.8268	37.2	21	34	-	-	0	0	0	0	750	NMGSF	10	-	-	-
Cadmium	SW-846:6020	ug/L	62	5	8	0.041	0.0892	0.14	57	92	-	-	0	0	0	0	5	MCL	10	-	-	-
Chromium	SW-846:6010B	ug/L	16	1	6	1.2	1.2	1.2	15	94	-	-	0	0	0	0	50	NMGSF	8	-	-	-
Chromium	SW-846:6020	ug/L	46	24	52	1.1	3.03333	9.3	22	48	-	-	0	0	0	0	50	NMGSF	10	-	-	-
Cobalt	SW-846:6010B	ug/L	62	10	16	1.1	1.82	3.9	52	84	-	-	0	0	0	0	50	NMGSF	10	-	-	-
Copper	SW-846:6010B	ug/L	41	9	22	1.5	3.53333	5.3	32	78	-	-	0	0	0	0	1000	NMGSF	10	-	-	-

Table B-4
Screening Table for Pajarito Canyon Watershed (including Twomile and Threemile Canyons)

Analyte	Method	Units	No. of Analyses	No. of Detects	D Rate %	Min	Mean	Max	No. of Non-detects	ND Rate %	BV	D> BV	ND> Std	D> Std	D> Std/2	D>Std/2 Rate %	Level	Std Type	Locations with Data (number)	D>Std (number of locations)	D>Std/2 (number of locations)	D>Std Stations
Iron	SW-846:6010B	ug/L	62	60	97	14	897.147	6720	2	3	-	-	0	19	29	47	1000	NMGSF	10	8	10	Anderson Spring, Bulldog Spring, Charlie's Spring, Homestead Spring, Kieling Spring, Starmer Spring, TA-18 Spring, TW-1.72 Spring
Lead	SW-846:6020	ug/L	62	24	39	0.066	1.00338	4	38	61	-	-	0	0	0	0	15	MCL	10	-	-	-
Manganese	SW-846:6010B	ug/L	62	42	68	2	31.7	302	20	32	-	-	0	1	6	10	200	NMGSF	10	1	2	TA-18 Spring
Mercury	EPA:245.2	ug/L	55	3	5	0.038	0.176	0.37	52	95	-	-	0	0	0	0	2	MCL	10	-	-	-
Molybdenum	SW-846:6010B	ug/L	62	1	2	3.1	3.1	3.1	61	98	-	-	0	0	0	0	1000	NMGSF	10	-	-	-
Nickel	SW-846:6010B	ug/L	7	2	29	0.83	0.915	1	5	71	-	-	0	0	0	0	100	MCL	6	-	-	-
Nickel	SW-846:6020	ug/L	55	48	87	0.52	1.22813	4.1	7	13	-	-	0	0	0	0	100	MCL	10	-	-	-
Selenium	SW-846:6020	ug/L	55	3	5	2.5	2.73333	2.9	52	95	-	-	0	0	0	0	50	NMGSF	10	-	-	-
Silver	SW-846:6010B	ug/L	7	0	0	*0.835*	*0.835*	*0.835*	7	100	-	-	0	0	0	0	50	NMGSF	6	-	-	-
Silver	SW-846:6020	ug/L	55	7	13	0.23	0.97429	2.9	48	87	-	-	0	0	0	0	50	NMGSF	10	-	-	-
Strontium	SW-846:6010B	ug/L	62	62	100	56.6	85.121	133	0	0	-	-	0	0	0	0	21900	Reg6	10	-	-	-
Thallium	SW-846:6020	ug/L	62	9	15	0.12	0.47889	0.68	53	85	-	-	0	0	0	0	2	MCL	10	-	-	-
Tin	SW-846:6010B	ug/L	62	5	8	2.8	3.62	5.8	57	92	-	-	0	0	0	0	21900	Reg6	10	-	-	-
Uranium	SW-846:6020	ug/L	62	40	65	0.052	0.2234	1.4	22	35	-	-	0	0	0	0	30	NMGSF	10	-	-	-
Vanadium	SW-846:6010B	ug/L	62	47	76	1.1	3.34681	12.7	15	24	-	-	0	0	0	0	182.5	Reg6	10	-	-	-
Zinc	SW-846:6010B	ug/L	58	23	40	2.1	7.73478	51.5	35	60	-	-	0	0	0	0	10000	NMGSF	10	-	-	-
Pajarito, Metals, UF, Springs																						
Aluminum	SW-846:6010B	ug/L	55	54	98	72.1	3729	13900	1	2	-	-	0	0	0	0	36500	Reg6	10	-	-	-
Antimony	SW-846:6020	ug/L	55	1	2	4.5	4.5	4.5	54	98	-	-	0	0	1	2	6	MCL	10	-	1	-
Arsenic	SW-846:6010B	ug/L	17	1	6	7.6	7.6	7.6	16	94	-	-	0	0	1	6	10	MCL	10	-	1	-
Arsenic	SW-846:6020	ug/L	38	8	21	1.5	2.2125	3	30	79	-	-	0	0	0	0	10	MCL	10	-	-	-
Barium	SW-846:6010B	ug/L	55	55	100	19.6	61.6218	110	0	0	-	-	0	0	0	0	2000	MCL	10	-	-	-
Beryllium	SW-846:6010B	ug/L	55	0	0	*1*	*1*	*1*	55	100	-	-	0	0	0	0	4	MCL	10	-	-	-
Boron	SW-846:6010B	ug/L	55	36	65	10.2	18.2861	34.1	19	35	-	-	0	0	0	0	7300	Reg6	10	-	-	-
Cadmium	SW-846:6020	ug/L	55	10	18	0.1	0.137	0.2	45	82	-	-	0	0	0	0	5	MCL	10	-	-	-
Chromium	SW-846:6010B	ug/L	9	5	56	1.1	1.82	4	4	44	-	-	0	0	0	0	100	MCL	8	-	-	-
Chromium	SW-846:6020	ug/L	46	28	61	1.2	4.06429	6.8	18	39	-	-	0	0	0	0	100	MCL	10	-	-	-
Cobalt	SW-846:6010B	ug/L	55	2	4	1.3	1.45	1.6	53	96	-	-	0	0	0	0	730	Reg6	10	-	-	-
Copper	SW-846:6010B	ug/L	34	13	38	3	4.17692	5.7	21	62	-	-	0	0	0	0	1300	MCL	10	-	-	-
Iron	SW-846:6010B	ug/L	55	55	100	32.6	2009.96	6810	0	0	-	-	0	0	0	0	25550	Reg6	10	-	-	-
Lead	SW-846:6020	ug/L	55	35	64	0.51	1.99086	4.7	20	36	-	-	0	0	0	0	15	Reg6	10	-	-	-
Manganese	SW-846:6010B	ug/L	55	50	91	2	31.606	158	5	9	-	-	0	0	0	0	1703.09	Reg6	10	-	-	-
Mercury	EPA:245.1	ug/L	7	0	0	*0.0472*	*0.0536*	*0.092*	7	100	-	-	0	0	0	0	2	NMGSU	6	-	-	-
Mercury	EPA:245.2	ug/L	55	3	5	0.046	0.22933	0.56	52	95	-	-	0	0	0	0	2	NMGSU	10	-	-	-
Molybdenum	SW-846:6010B	ug/L	55	3	5	2.2	2.76667	3.8	52	95	-	-	0	0	0	0	182.5	Reg6	10	-	-	-
Nickel	SW-846:6020	ug/L	55	50	91	0.64	1.8406	4.4	5	9	-	-	0	0	0	0	100	MCL	10	-	-	-
Selenium	SW-846:6010B	ug/L	7	2	29	4.3	4.8	5.3	5	71	-	-	0	0	0	0	50	MCL	6	-	-	-
Selenium	SW-846:6020	ug/L	55	1	2	2.9	2.9	2.9	54	98	-	-	0	0	0	0	50	MCL	10	-	-	-
Silver	SW-846:6020	ug/L	55	15	27	0.21	1.34867	6	40	73	-	-	0	0	0	0	182.5	Reg6	10	-	-	-
Strontium	SW-846:6010B	ug/L	55	55	100	55.9	85.4982	117	0	0	-	-	0	0	0	0	21900	Reg6	10	-	-	-
Thallium	SW-846:6020	ug/L	55	0	0	*0.3*	*0.36909*	*0.4*	55	100	-	-	0	0	0	0	2	MCL	10	-	-	-
Tin	SW-846:6010B	ug/L	55	3	5	3	3.43333	4	52	95	-	-	0	0	0	0	21900	Reg6	10	-	-	-
Uranium	SW-846:6020	ug/L	55	37	67	0.053	0.27808	0.97	18	33	-	-	0	0	0	0	30	MCL	10	-	-	-
Vanadium	SW-846:6010B	ug/L	55	50	91	1.2	4.856	12.9	5	9	-	-	0	0	0	0	182.5	Reg6	10	-	-	-
Zinc	SW-846:6010B	ug/L	55	26	47	2.1	10.2538	23.2	29	53	-	-	0	0	0	0	10950	Reg6	10	-	-	-
Pajarito, Metals, F, Alluvial																						
Aluminum	SW-846:6010B	ug/L	33	24	73	85.5	577.729	3520	9	27	-	-	0	0	1	3	5000	NMGSF	6	-	1	-
Antimony	SW-846:6020	ug/L	33	1	3	0.5	0.5	0.5	32	97	-	-	0	0	0	0	6	MCL	6	-	-	-
Arsenic	SW-846:6010B	ug/L	7	0	0	*6*	*6*	*6*	7	100	-	-	0	0	0	0	10	MCL	6	-	-	-
Arsenic	SW-846:6020	ug/L	26	4	15	1.5	2.1	2.7	22	85	-	-	0	0	0	0	10	MCL	6	-	-	-
Barium	SW-846:6010B	ug/L	33	33	100	61.1	122.47	320	0	0	-	-	0	0	0	0	1000	NMGSF	6	-	-	-

Table B-4
Screening Table for Pajarito Canyon Watershed (including Twomile and Threemile Canyons)

Analyte	Method	Units	No. of Analyses	No. of Detects	D Rate %	Min	Mean	Max	No. of Non-detects	ND Rate %	BV	D> BV	ND> Std	D> Std	D> Std/2	D>Std/2 Rate %	Level	Std Type	Locations with Data (number)	D>Std (number of locations)	D>Std/2 (number of locations)	D>Std Stations
Beryllium	SW-846:6010B	ug/L	33	0	0	*1*	*1*	*1*	33	100	-	-	0	0	0	0	4	MCL	6	-	-	-
Boron	SW-846:6010B	ug/L	33	33	100	12.1	38.6061	344	0	0	-	-	0	0	0	0	750	NMGSF	6	-	-	-
Cadmium	SW-846:6020	ug/L	33	0	0	*0.1*	*0.10212*	*0.11*	33	100	-	-	0	0	0	0	5	MCL	6	-	-	-
Chromium	SW-846:6010B	ug/L	2	1	50	1.6	1.6	1.6	1	50	-	-	0	0	0	0	50	NMGSF	2	-	-	-
Chromium	SW-846:6020	ug/L	31	12	39	1.2	1.95833	3.2	19	61	-	-	0	0	0	0	50	NMGSF	6	-	-	-
Cobalt	SW-846:6010B	ug/L	33	6	18	1.1	4.11667	9.2	27	82	-	-	0	0	0	0	50	NMGSF	6	-	-	-
Copper	SW-846:6010B	ug/L	20	2	10	3.3	3.65	4	18	90	-	-	0	0	0	0	1000	NMGSF	6	-	-	-
Iron	SW-846:6010B	ug/L	33	32	97	32.7	273.388	1660	1	3	-	-	0	2	3	9	1000	NMGSF	6	2	3	18-BG-1, PCO-2
Lead	SW-846:6020	ug/L	33	2	6	0.56	0.715	0.87	31	94	-	-	0	0	0	0	15	MCL	6	-	-	-
Manganese	SW-846:6010B	ug/L	33	20	61	2.1	109.63	704	13	39	-	-	0	5	5	15	200	NMGSF	6	2	2	PCO-2, PCO-3
Mercury	EPA:245.2	ug/L	33	3	9	0.064	1.428	4.1	30	91	-	-	0	1	1	3	2	MCL	6	1	1	18-MW-8
Molybdenum	SW-846:6010B	ug/L	33	1	3	4.5	4.5	4.5	32	97	-	-	0	0	0	0	1000	NMGSF	6	-	-	-
Nickel	SW-846:6020	ug/L	33	33	100	0.55	1.8003	10.6	0	0	-	-	0	0	0	0	100	MCL	6	-	-	-
Selenium	SW-846:6020	ug/L	33	0	0	*1*	*2.18182*	*2.5*	33	100	-	-	0	0	0	0	50	NMGSF	6	-	-	-
Silver	SW-846:6020	ug/L	33	0	0	*0.2*	*0.2*	*0.2*	33	100	-	-	0	0	0	0	50	NMGSF	6	-	-	-
Strontium	SW-846:6010B	ug/L	33	33	100	87.6	206.161	730	0	0	-	-	0	0	0	0	21900	Reg6	6	-	-	-
Thallium	SW-846:6020	ug/L	33	8	24	0.41	0.5175	0.63	25	76	-	-	0	0	0	0	2	MCL	6	-	-	-
Tin	SW-846:6010B	ug/L	33	1	3	3	3	3	32	97	-	-	0	0	0	0	21900	Reg6	6	-	-	-
Uranium	SW-846:6020	ug/L	33	12	36	0.05	0.73333	3.6	21	64	-	-	0	0	0	0	30	NMGSF	6	-	-	-
Vanadium	SW-846:6010B	ug/L	33	17	52	1	1.78235	5.3	16	48	-	-	0	0	0	0	182.5	Reg6	6	-	-	-
Zinc	SW-846:6010B	ug/L	33	6	18	2.1	6.41667	18.9	27	82	-	-	0	0	0	0	10000	NMGSF	6	-	-	-
Pajarito, Metals, UF, Alluvial																						
Aluminum	SW-846:6010B	ug/L	32	30	94	75.7	1277.58	4430	2	6	-	-	0	0	0	0	36500	Reg6	6	-	-	-
Antimony	SW-846:6020	ug/L	32	0	0	*0.5*	*0.51531*	*0.88*	32	100	-	-	0	0	0	0	6	MCL	6	-	-	-
Arsenic	SW-846:6010B	ug/L	7	0	0	*6*	*6*	*6*	7	100	-	-	0	0	0	0	10	MCL	6	-	-	-
Arsenic	SW-846:6020	ug/L	25	7	28	1.6	2.12857	3.2	18	72	-	-	0	0	0	0	10	MCL	6	-	-	-
Barium	SW-846:6010B	ug/L	32	32	100	63.6	121.966	326	0	0	-	-	0	0	0	0	2000	MCL	6	-	-	-
Beryllium	SW-846:6010B	ug/L	32	0	0	*1*	*1*	*1*	32	100	-	-	0	0	0	0	4	MCL	6	-	-	-
Boron	SW-846:6010B	ug/L	32	32	100	12.8	29.6031	58.8	0	0	-	-	0	0	0	0	7300	Reg6	6	-	-	-
Cadmium	SW-846:6020	ug/L	32	1	3	0.17	0.17	0.17	31	97	-	-	0	0	0	0	5	MCL	6	-	-	-
Chromium	SW-846:6010B	ug/L	2	2	100	1	1.05	1.1	0	0	-	-	0	0	0	0	100	MCL	2	-	-	-
Chromium	SW-846:6020	ug/L	30	20	67	1.2	3.31	15	10	33	-	-	0	0	0	0	100	MCL	6	-	-	-
Cobalt	SW-846:6010B	ug/L	32	3	9	1.3	1.56667	1.7	29	91	-	-	0	0	0	0	730	Reg6	6	-	-	-
Copper	SW-846:6010B	ug/L	18	3	17	3.3	3.46667	3.8	15	83	-	-	0	0	0	0	1300	MCL	6	-	-	-
Iron	SW-846:6010B	ug/L	32	32	100	50.4	652.763	2830	0	0	-	-	0	0	0	0	25550	Reg6	6	-	-	-
Lead	SW-846:6020	ug/L	32	11	34	0.63	1.29636	3.3	21	66	-	-	0	0	0	0	15	Reg6	6	-	-	-
Manganese	SW-846:6010B	ug/L	32	23	72	2.1	93.4783	667	9	28	-	-	0	0	0	0	1703.09	Reg6	6	-	-	-
Mercury	EPA:245.2	ug/L	32	2	6	1.8	4.25	6.7	30	94	-	-	0	1	2	6	2	NMGSU	6	1	2	18-MW-8
Molybdenum	SW-846:6010B	ug/L	32	2	6	3.5	4.15	4.8	30	94	-	-	0	0	0	0	182.5	Reg6	6	-	-	-
Nickel	SW-846:6020	ug/L	32	30	94	0.55	2.3	13.1	2	6	-	-	0	0	0	0	100	MCL	6	-	-	-
Selenium	SW-846:6020	ug/L	32	0	0	*1*	*2.17188*	*2.5*	32	100	-	-	0	0	0	0	50	MCL	6	-	-	-
Silver	SW-846:6020	ug/L	32	0	0	*0.2*	*0.2*	*0.2*	32	100	-	-	0	0	0	0	182.5	Reg6	6	-	-	-
Strontium	SW-846:6010B	ug/L	32	32	100	87.9	206.119	743	0	0	-	-	0	0	0	0	21900	Reg6	6	-	-	-
Thallium	SW-846:6020	ug/L	32	0	0	*0.3*	*0.37813*	*0.4*	32	100	-	-	0	0	0	0	2	MCL	6	-	-	-
Tin	SW-846:6010B	ug/L	32	3	9	2.7	2.76667	2.8	29	91	-	-	0	0	0	0	21900	Reg6	6	-	-	-
Uranium	SW-846:6020	ug/L	32	17	53	0.05	0.65324	5.3	15	47	-	-	0	0	0	0	30	MCL	6	-	-	-
Vanadium	SW-846:6010B	ug/L	32	22	69	1	2.40909	4.7	10	31	-	-	0	0	0	0	182.5	Reg6	6	-	-	-
Zinc	SW-846:6010B	ug/L	32	11	34	2	5.56364	20.2	21	66	-	-	0	0	0	0	10950	Reg6	6	-	-	-
Pajarito, Metals, F, Intermediate																						
Aluminum	SW-846:6010B	ug/L	28	15	54	160	6304.67	35600	13	46	-	-	0	3	8	29	5000	NMGSF	5	2	2	03-B-10, 03-B-13
Antimony	SW-846:6020	ug/L	28	1	4	0.61	0.61	0.61	27	96	-	-	0	0	0	0	6	MCL	5	-	-	-
Arsenic	SW-846:6010B	ug/L	9	0	0	*6*	*6*	*6*	9	100	-	-	0	0	0	0	10	MCL	4	-	-	-
Arsenic	SW-846:6020	ug/L	19	11	58	1.7	2.43636	4.5	8	42	-	-	0	0	0	0	10	MCL	4	-	-	-
Barium	SW-846:6010B	ug/L	28	28	100	7.8	61.2679	235	0	0	-	-	0	0	0	0	1000	NMGSF	5	-	-	-
Beryllium	SW-846:6010B	ug/L	28	2	7	1.4	1.6	1.8	26	93	-	-	0	0	0	0	4	MCL	5	-	-	-
Boron	SW-846:6010B	ug/L	28	28	100	12.7	29.525	50.4	0	0	-	-	0	0	0	0	750	NMGSF	5	-	-	-
Cadmium	SW-846:6020	ug/L	28	2	7	0.5	0.505	0.51	26	93	-	-	0	0	0	0	5	MCL	5	-	-	-
Chromium	SW-846:6010B	ug/L	1	0	0	*1*	*1*	*1*	1	100	-	-	0	0	0	0	50	NMGSF	1	-	-	-

Table B-4
Screening Table for Pajarito Canyon Watershed (including Twomile and Threemile Canyons)

Analyte	Method	Units	No. of Analyses	No. of Detects	D Rate %	Min	Mean	Max	No. of Non-detects	ND Rate %	BV	D> BV	ND> Std	D> Std	D> Std/2	D>Std/2 Rate %	Level	Std Type	Locations with Data (number)	D>Std (number of locations)	D>Std/2 (number of locations)	D>Std Stations
Chromium	SW-846:6020	ug/L	27	16	59	1.1	3.5375	14.8	11	41	-	-	0	0	0	0	50	NMGSF	4	-	-	-
Chromium hexavalent ion	SW-846:7199	ug/L	3	3	100	0.3	0.43333	0.7	0	0	-	-	0	0	0	0	50	NMGSF	1	-	-	-
Cobalt	SW-846:6010B	ug/L	28	7	25	1.1	3.15714	6.9	21	75	-	-	0	0	0	0	50	NMGSF	5	-	-	-
Copper	SW-846:6010B	ug/L	21	13	62	3.1	6.13846	14.5	8	38	-	-	0	0	0	0	1000	NMGSF	4	-	-	-
Iron	SW-846:6010B	ug/L	28	26	93	24.2	2063.92	21300	2	7	-	-	0	8	11	39	1000	NMGSF	5	2	2	03-B-10, 03-B-13
Lead	SW-846:6020	ug/L	28	12	43	0.78	5.14	20	16	57	-	-	0	2	2	7	15	MCL	5	2	2	03-B-10, 03-B-13
Manganese	SW-846:6010B	ug/L	28	23	82	3	126.378	1450	5	18	-	-	0	3	4	14	200	NMGSF	5	3	3	03-B-10, 03-B-13, 03-B-9
Mercury	EPA:245.2	ug/L	27	8	30	0.059	0.38625	1.7	19	70	-	-	0	0	1	4	2	MCL	5	-	1	-
Molybdenum	SW-846:6010B	ug/L	28	9	32	2	3.13333	6.5	19	68	-	-	0	0	0	0	1000	NMGSF	5	-	-	-
Nickel	SW-846:6020	ug/L	28	26	93	0.69	2.86192	14.5	2	7	-	-	0	0	0	0	100	MCL	5	-	-	-
Selenium	SW-846:6020	ug/L	28	0	0	*1*	*2.07143*	*2.5*	28	100	-	-	0	0	0	0	50	NMGSF	5	-	-	-
Silver	SW-846:6020	ug/L	28	0	0	*0.2*	*0.2*	*0.2*	28	100	-	-	0	0	0	0	50	NMGSF	5	-	-	-
Strontium	SW-846:6010B	ug/L	28	28	100	41.1	106.146	604	0	0	-	-	0	0	0	0	21900	Reg6	5	-	-	-
Thallium	SW-846:6020	ug/L	28	7	25	0.49	0.58	0.69	21	75	-	-	0	0	0	0	2	MCL	5	-	-	-
Tin	SW-846:6010B	ug/L	28	2	7	2.6	2.75	2.9	26	93	-	-	0	0	0	0	21900	Reg6	5	-	-	-
Uranium	SW-846:6020	ug/L	28	26	93	0.12	0.79192	2.5	2	7	-	-	0	0	0	0	30	NMGSF	5	-	-	-
Vanadium	SW-846:6010B	ug/L	28	23	82	1.2	5.25217	25.3	5	18	-	-	0	0	0	0	182.5	Reg6	5	-	-	-
Zinc	SW-846:6010B	ug/L	28	20	71	3.3	30.725	287	8	29	-	-	0	0	0	0	10000	NMGSF	5	-	-	-
Pajarito, Metals, UF, Intermediate																						
Aluminum	SW-846:6010B	ug/L	30	18	60	654	9715.17	40600	12	40	-	-	0	1	3	10	36500	Reg6	5	1	2	03-B-13
Antimony	SW-846:6020	ug/L	31	0	0	*0.28*	*0.47903*	*0.51*	31	100	-	-	0	0	0	0	6	MCL	5	-	-	-
Arsenic	SW-846:6010B	ug/L	12	0	0	*2.24*	*5.06*	*6*	12	100	-	-	0	0	0	0	10	MCL	4	-	-	-
Arsenic	SW-846:6020	ug/L	19	13	68	1.5	2.54615	4.9	6	32	-	-	0	0	0	0	10	MCL	4	-	-	-
Barium	SW-846:6010B	ug/L	31	31	100	7.9	72.2806	351	0	0	-	-	0	0	0	0	2000	MCL	5	-	-	-
Beryllium	SW-846:6010B	ug/L	31	4	13	1.3	1.675	2.1	27	87	-	-	0	0	1	3	4	MCL	5	-	1	-
Boron	SW-846:6010B	ug/L	31	31	100	12.8	28.9419	52.1	0	0	-	-	0	0	0	0	7300	Reg6	5	-	-	-
Cadmium	SW-846:6020	ug/L	31	7	23	0.17	0.47714	1.2	24	77	-	-	0	0	0	0	5	MCL	5	-	-	-
Chromium	SW-846:6010B	ug/L	4	3	75	1.5	3.40667	4.7	1	25	-	-	0	0	0	0	100	MCL	1	-	-	-
Chromium	SW-846:6020	ug/L	27	17	63	1.1	10.0059	82.4	10	37	-	-	0	0	1	4	100	MCL	4	-	1	-
Cobalt	SW-846:6010B	ug/L	31	4	13	1.29	2.2475	3.2	27	87	-	-	0	0	0	0	730	Reg6	5	-	-	-
Copper	SW-846:6010B	ug/L	26	16	62	3.3	8.625	25	10	38	-	-	0	0	0	0	1300	MCL	5	-	-	-
Iron	SW-846:6010B	ug/L	31	28	90	25.5	3978.35	25700	3	10	-	-	0	1	3	10	25550	Reg6	5	1	2	03-B-13
Lead	SW-846:6020	ug/L	31	17	55	0.055	7.84441	23.5	14	45	-	-	0	3	5	16	15	Reg6	5	3	3	03-B-10, 03-B-13, R-23i
Manganese	SW-846:6010B	ug/L	31	24	77	2.6	358.349	6170	7	23	-	-	0	1	1	3	1703.09	Reg6	5	1	1	03-B-9
Mercury	EPA:245.1	ug/L	3	0	0	*0.0472*	*0.0472*	*0.0472*	3	100	-	-	0	0	0	0	2	NMGSU	1	-	-	-
Mercury	EPA:245.2	ug/L	27	11	41	0.034	0.219	0.97	16	59	-	-	0	0	0	0	2	NMGSU	5	-	-	-
Molybdenum	SW-846:6010B	ug/L	31	10	32	2	2.903	7.1	21	68	-	-	0	0	0	0	182.5	Reg6	5	-	-	-
Nickel	SW-846:6010B	ug/L	3	1	33	1.18	1.18	1.18	2	67	-	-	0	0	0	0	100	MCL	1	-	-	-
Nickel	SW-846:6020	ug/L	28	28	100	0.75	4.96107	36.3	0	0	-	-	0	0	0	0	100	MCL	5	-	-	-
Selenium	SW-846:6010B	ug/L	3	0	0	*2.81*	*2.81*	*2.81*	3	100	-	-	0	0	0	0	50	MCL	1	-	-	-
Selenium	SW-846:6020	ug/L	28	1	4	2.8	2.8	2.8	27	96	-	-	0	0	0	0	50	MCL	5	-	-	-
Silver	SW-846:6010B	ug/L	3	0	0	*0.835*	*0.835*	*0.835*	3	100	-	-	0	0	0	0	182.5	Reg6	1	-	-	-
Silver	SW-846:6020	ug/L	28	0	0	*0.2*	*0.2*	*0.2*	28	100	-	-	0	0	0	0	182.5	Reg6	5	-	-	-
Strontium	SW-846:6010B	ug/L	31	31	100	44.2	105.261	522	0	0	-	-	0	0	0	0	21900	Reg6	5	-	-	-
Thallium	SW-846:6020	ug/L	31	5	16	0.294	0.5072	0.69	26	84	-	-	0	0	0	0	2	MCL	5	-	-	-
Tin	SW-846:6010B	ug/L	31	1	3	2.7	2.7	2.7	30	97	-	-	0	0	0	0	21900	Reg6	5	-	-	-
Uranium	SW-846:6020	ug/L	30	29	97	0.21	0.91641	4.6	1	3	-	-	0	0	0	0	30	MCL	5	-	-	-
Vanadium	SW-846:6010B	ug/L	31	27	87	1.8	7.4937	29.2	4	13	-	-	0	0	0	0	182.5	Reg6	5	-	-	-
Zinc	SW-846:6010B	ug/L	30	25	83	2.6	46.148	284	5	17	-	-	0	0	0	0	10950	Reg6	5	-	-	-
Pajarito, Metals, F, Regional																						
Aluminum	SW-846:6010B	ug/L	101	13	13	15.6	46.3154	168	88	87	73.5	2	0	0	0	0	5000	NMGSF	7	-	-	-
Antimony	SW-846:6020	ug/L	106	0	0	*0.13*	*0.49519*	*2*	106	100	1	-	0	0	0	0	6	MCL	7	-	-	-
Arsenic	SW-846:6010B	ug/L	63	8	13	2.96	7.19125	10.6	55	87	12	-	1	1	7	11	10	MCL	7	1	2	R-20
Arsenic	SW-846:6020	ug/L	43	19	44	1.5	2.32632	3.6	24	56	12	-	0	0	0	0	10	MCL	6	-	-	-
Barium	SW-846:6010B	ug/L	106	106	100	6.9	67.6519	314	0	0	56.83	3	0	0	0	0	1000	NMGSF	7	-	-	-
Beryllium	SW-846:6010B	ug/L	73	1	1	3.9	3.9	3.9	72	99	0.5	1	0	0	1	1	4	MCL	7	-	1	-

Table B-4
Screening Table for Pajarito Canyon Watershed (including Twomile and Threemile Canyons)

Analyte	Method	Units	No. of Analyses	No. of Detects	D Rate %	Min	Mean	Max	No. of Non-detects	ND Rate %	BV	D> BV	ND> Std	D> Std	D> Std/2	D>Std/2 Rate %	Level	Std Type	Locations with Data (number)	D>Std (number of locations)	D>Std/2 (number of locations)	D>Std Stations
Beryllium	SW-846:6020	ug/L	33	0	0	*0.08*	*0.10364*	*0.2*	33	100	0.5	-	0	0	0	0	4	MCL	5	-	-	-
Boron	SW-846:6010B	ug/L	106	77	73	8.62	25.549	97.3	29	27	38.77	2	0	0	0	0	750	NMGSF	7	-	-	-
Cadmium	SW-846:6020	ug/L	105	1	1	0.06	0.06	0.06	104	99	0.5	-	0	0	0	0	5	MCL	7	-	-	-
Chromium	SW-846:6010B	ug/L	52	22	42	0.63	1.72	3.7	30	58	5.75	-	0	0	0	0	50	NMGSF	6	-	-	-
Chromium	SW-846:6020	ug/L	54	38	70	1	2.81316	7	16	30	5.75	1	0	0	0	0	50	NMGSF	6	-	-	-
Chromium hexavalent ion	SW-846:7199	ug/L	2	2	100	0.058	0.179	0.3	0	0	-	-	0	0	0	0	50	NMGSF	1	-	-	-
Cobalt	SW-846:6010B	ug/L	106	15	14	0.55	2.90267	6	91	86	7	-	0	0	0	0	50	NMGSF	7	-	-	-
Copper	SW-846:6010B	ug/L	84	5	6	1.4	7.05	15.6	79	94	5	2	0	0	0	0	1000	NMGSF	7	-	-	-
Iron	SW-846:6010B	ug/L	106	55	52	12.8	1462.52	14900	51	48	147	6	0	13	19	18	1000	NMGSF	7	4	5	R-17, R-20, R-22, R-32
Lead	SW-846:6020	ug/L	106	14	13	0.082	0.59479	2.04	92	87	2.9	-	0	0	0	0	15	MCL	7	-	-	-
Manganese	SW-846:6010B	ug/L	73	24	33	2.6	574.146	3160	49	67	124	3	0	10	10	14	200	NMGSF	7	3	3	R-20, R-22, R-32
Manganese	SW-846:6020	ug/L	33	30	91	4.6	668.602	4410	3	9	124	4	0	17	17	52	200	NMGSF	5	4	4	R-20, R-22, R-23, R-32
Mercury	EPA:245.1	ug/L	24	0	0	*0.047*	*0.04719*	*0.0472*	24	100	0.26	-	0	0	0	0	2	MCL	3	-	-	-
Mercury	EPA:245.2	ug/L	73	1	1	0.53	0.53	0.53	72	99	0.26	1	0	0	0	0	2	MCL	7	-	-	-
Mercury	SW-846:7470A	ug/L	9	0	0	*0.05*	*0.09889*	*0.2*	9	100	0.26	-	0	0	0	0	2	MCL	2	-	-	-
Molybdenum	SW-846:6010B	ug/L	73	18	25	2.1	6.51111	18.2	55	75	4.4	2	0	0	0	0	1000	NMGSF	7	-	-	-
Molybdenum	SW-846:6020	ug/L	33	31	94	0.53	9.01194	31.3	2	6	4.4	2	0	0	0	0	1000	NMGSF	5	-	-	-
Nickel	SW-846:6010B	ug/L	32	6	19	1.28	5.08	12.1	26	81	50	-	0	0	0	0	100	MCL	5	-	-	-
Nickel	SW-846:6020	ug/L	73	53	73	0.51	2.40321	24.8	20	27	50	-	0	0	0	0	100	MCL	7	-	-	-
Selenium	SW-846:6010B	ug/L	33	4	12	3.3	3.875	4.5	29	88	3.93	2	0	0	0	0	50	NMGSF	5	-	-	-
Selenium	SW-846:6020	ug/L	73	3	4	1.1	1.6	2.6	70	96	3.93	-	0	0	0	0	50	NMGSF	7	-	-	-
Silver	SW-846:6010B	ug/L	33	1	3	0.92	0.92	0.92	32	97	2.5	-	0	0	0	0	50	NMGSF	5	-	-	-
Silver	SW-846:6020	ug/L	73	0	0	*0.2*	*0.2*	*0.2*	73	100	2.5	-	0	0	0	0	50	NMGSF	7	-	-	-
Strontium	SW-846:6010B	ug/L	106	106	100	18	224.549	2070	0	0	540	2	0	0	0	0	21900	Reg6	7	-	-	-
Thallium	SW-846:6020	ug/L	106	26	25	0.03	0.41677	0.95	80	75	0.83	-	0	0	0	0	2	MCL	7	-	-	-
Tin	SW-846:6010B	ug/L	73	1	1	2.8	2.8	2.8	72	99	3.6	-	0	0	0	0	21900	Reg6	7	-	-	-
Uranium	SW-846:6020	ug/L	106	85	80	0.031	0.68311	3.8	21	20	1.9	1	0	0	0	0	30	NMGSF	7	-	-	-
Vanadium	SW-846:6010B	ug/L	106	69	65	1.2	4.74986	8.5	37	35	13.41	-	0	0	0	0	182.5	Reg6	7	-	-	-
Zinc	SW-846:6010B	ug/L	103	40	39	1.1	13.1148	96.2	63	61	32	2	0	0	0	0	10000	NMGSF	7	-	-	-
Pajarito, Metals, UF, Regional																						
Aluminum	SW-846:6010B	ug/L	123	33	27	15.3	322.633	3720	90	73	-	-	0	0	0	0	36500	Reg6	7	-	-	-
Antimony	SW-846:6020	ug/L	133	1	1	3.7	3.7	3.7	132	99	-	-	0	0	1	1	6	MCL	7	-	1	-
Arsenic	SW-846:6010B	ug/L	90	14	16	2.24	4.69429	8.2	76	84	-	-	1	0	6	7	10	MCL	7	-	2	-
Arsenic	SW-846:6020	ug/L	43	20	47	1.5	2.435	3.8	23	53	-	-	0	0	0	0	10	MCL	6	-	-	-
Barium	SW-846:6010B	ug/L	133	133	100	11.2	76.2985	362	0	0	-	-	0	0	0	0	2000	MCL	7	-	-	-
Beryllium	SW-846:6010B	ug/L	93	0	0	*0.158*	*0.82175*	*1*	93	100	-	-	0	0	0	0	4	MCL	7	-	-	-
Beryllium	SW-846:6020	ug/L	33	0	0	*0.08*	*0.10364*	*0.2*	33	100	-	-	0	0	0	0	4	MCL	5	-	-	-
Boron	SW-846:6010B	ug/L	133	95	71	8.1	28.5074	115	38	29	-	-	0	0	0	0	7300	Reg6	7	-	-	-
Cadmium	SW-846:6020	ug/L	132	4	3	0.05	0.092	0.14	128	97	-	-	0	0	0	0	5	MCL	7	-	-	-
Chromium	SW-846:6010B	ug/L	79	41	52	0.518	5.56912	31.4	38	48	-	-	0	0	0	0	100	MCL	6	-	-	-
Chromium	SW-846:6020	ug/L	54	40	74	1.8	6.7375	37.3	14	26	-	-	0	0	0	0	100	MCL	6	-	-	-
Cobalt	SW-846:6010B	ug/L	133	11	8	0.559	2.30582	8.87	122	92	-	-	0	0	0	0	730	Reg6	7	-	-	-
Copper	SW-846:6010B	ug/L	107	17	16	1.4	5.19176	19.7	90	84	-	-	0	0	0	0	1300	MCL	7	-	-	-
Iron	SW-846:6010B	ug/L	133	91	68	13.1	2236.31	21500	42	32	-	-	0	0	6	5	25550	Reg6	7	-	2	-
Lead	SW-846:6020	ug/L	133	50	38	0.051	0.90704	3.73	83	62	-	-	0	0	0	0	15	Reg6	7	-	-	-
Manganese	SW-846:6010B	ug/L	100	71	71	1.33	445.119	3740	29	29	-	-	0	6	12	12	1703.09	Reg6	7	2	3	R-22, R-32
Manganese	SW-846:6020	ug/L	33	30	91	5.7	677.37	4320	3	9	-	-	0	4	8	24	1703.09	Reg6	5	2	3	R-22, R-32
Mercury	EPA:245.1	ug/L	51	1	2	0.057	0.057	0.057	50	98	0.24	-	0	0	0	0	2	NMGSU	5	-	-	-
Mercury	EPA:245.2	ug/L	73	2	3	0.32	0.58	0.84	71	97	0.24	2	0	0	0	0	2	NMGSU	7	-	-	-
Mercury	SW-846:7470A	ug/L	10	0	0	*0.05*	*0.111*	*0.2*	10	100	0.24	-	0	0	0	0	2	NMGSU	3	-	-	-
Molybdenum	SW-846:6010B	ug/L	100	35	35	1.81	9.44543	35.1	65	65	-	-	0	0	0	0	182.5	Reg6	7	-	-	-
Molybdenum	SW-846:6020	ug/L	33	31	94	0.49	8.99194	30.8	2	6	-	-	0	0	0	0	182.5	Reg6	5	-	-	-
Nickel	SW-846:6010B	ug/L	60	27	45	0.835	6.405	30.7	33	55	-	-	0	0	0	0	100	MCL	6	-	-	-
Nickel	SW-846:6020	ug/L	73	66	90	0.52	3.97061	31.5	7	10	-	-	0	0	0	0	100	MCL	7	-	-	-
Selenium	SW-846:6010B	ug/L	60	4	7	3.4	4.3475	4.87	56	93	4.99	-	0	0	0	0	50	MCL	6	-	-	-
Selenium	SW-846:6020	ug/L	73	5	7	1.1	2.3	5.3	68	93	4.99	1	0	0	0	0	50	MCL	7	-	-	-

Table B-4
Screening Table for Pajarito Canyon Watershed (including Twomile and Threemile Canyons)

Analyte	Method	Units	No. of Analyses	No. of Detects	D Rate %	Min	Mean	Max	No. of Non-detects	ND Rate %	BV	D> BV	ND> Std	D> Std	D> Std/2	D>Std/2 Rate %	Level	Std Type	Locations with Data (number)	D>Std (number of locations)	D>Std/2 (number of locations)	D>Std Stations
Silver	SW-846:6010B	ug/L	60	3	5	0.903	1.991	2.77	57	95	2.5	1	0	0	0	0	182.5	Reg6	6	-	-	-
Silver	SW-846:6020	ug/L	73	0	0	*0.2*	*0.2*	*0.2*	73	100	2.5	-	0	0	0	0	182.5	Reg6	7	-	-	-
Strontium	SW-846:6010B	ug/L	133	133	100	23.6	226.079	2070	0	0	-	-	0	0	0	0	21900	Reg6	7	-	-	-
Thallium	SW-846:6020	ug/L	133	11	8	0.026	0.19555	0.526	122	92	-	-	0	0	0	0	2	MCL	7	-	-	-
Tin	SW-846:6010B	ug/L	100	3	3	2.7	2.93333	3.1	97	97	-	-	0	0	0	0	21900	Reg6	7	-	-	-
Uranium	SW-846:6020	ug/L	123	103	84	0.02	0.66383	3.8	20	16	-	-	0	0	0	0	30	MCL	7	-	-	-
Vanadium	SW-846:6010B	ug/L	133	75	56	0.606	4.65065	8.6	58	44	-	-	0	0	0	0	182.5	Reg6	7	-	-	-
Zinc	SW-846:6010B	ug/L	130	71	55	1.12	15.4592	202	59	45	-	-	0	0	0	0	10950	Reg6	7	-	-	-
Pajarito, Dioxin/Furans, UF, Ephemeral																						
Heptachlorodibenzodioxin[1,2,3,4,6,7,8-]	EPA:1613B	ug/L	2	0	0	*5.3E-05*	*5.6E-05*	*5.9E-05*	2	100	-	-	0	0	0	0	-	-	1	-	-	-
Heptachlorodibenzofuran[1,2,3,4,6,7,8-]	EPA:1613B	ug/L	2	0	0	*5.3E-05*	*5.6E-05*	*5.9E-05*	2	100	-	-	0	0	0	0	-	-	1	-	-	-
Heptachlorodibenzofuran[1,2,3,4,7,8,9-]	EPA:1613B	ug/L	2	0	0	*5.3E-05*	*5.6E-05*	*5.9E-05*	2	100	-	-	0	0	0	0	-	-	1	-	-	-
Hexachlorodibenzodioxin[1,2,3,4,7,8-]	EPA:1613B	ug/L	2	0	0	*5.3E-05*	*5.6E-05*	*5.9E-05*	2	100	-	-	0	0	0	0	-	-	1	-	-	-
Hexachlorodibenzodioxin[1,2,3,6,7,8-]	EPA:1613B	ug/L	2	0	0	*5.3E-05*	*5.6E-05*	*5.9E-05*	2	100	-	-	0	0	0	0	-	-	1	-	-	-
Hexachlorodibenzodioxin[1,2,3,7,8,9-]	EPA:1613B	ug/L	2	0	0	*5.3E-05*	*5.6E-05*	*5.9E-05*	2	100	-	-	0	0	0	0	-	-	1	-	-	-
Hexachlorodibenzofuran[1,2,3,4,7,8-]	EPA:1613B	ug/L	2	0	0	*5.3E-05*	*5.6E-05*	*5.9E-05*	2	100	-	-	0	0	0	0	-	-	1	-	-	-
Hexachlorodibenzofuran[1,2,3,6,7,8-]	EPA:1613B	ug/L	2	0	0	*5.3E-05*	*5.6E-05*	*5.9E-05*	2	100	-	-	0	0	0	0	-	-	1	-	-	-
Hexachlorodibenzofuran[1,2,3,7,8,9-]	EPA:1613B	ug/L	2	0	0	*5.3E-05*	*5.6E-05*	*5.9E-05*	2	100	-	-	0	0	0	0	-	-	1	-	-	-
Hexachlorodibenzofuran[2,3,4,6,7,8-]	EPA:1613B	ug/L	2	0	0	*5.3E-05*	*5.6E-05*	*5.9E-05*	2	100	-	-	0	0	0	0	-	-	1	-	-	-
Octachlorodibenzodioxin[1,2,3,4,6,7,8,9-]	EPA:1613B	ug/L	2	0	0	*0.00011*	*0.00012*	*0.00012*	2	100	-	-	0	0	0	0	-	-	1	-	-	-
Octachlorodibenzofuran[1,2,3,4,6,7,8,9-]	EPA:1613B	ug/L	2	0	0	*0.00011*	*0.00012*	*0.00012*	2	100	-	-	0	0	0	0	-	-	1	-	-	-
Pentachlorodibenzodioxin[1,2,3,7,8-]	EPA:1613B	ug/L	2	0	0	*5.3E-05*	*5.6E-05*	*5.9E-05*	2	100	-	-	0	0	0	0	-	-	1	-	-	-
Pentachlorodibenzofuran[1,2,3,7,8-]	EPA:1613B	ug/L	2	0	0	*5.3E-05*	*5.6E-05*	*5.9E-05*	2	100	-	-	0	0	0	0	-	-	1	-	-	-
Pentachlorodibenzofuran[2,3,4,7,8-]	EPA:1613B	ug/L	2	0	0	*5.3E-05*	*5.6E-05*	*5.9E-05*	2	100	-	-	0	0	0	0	-	-	1	-	-	-
Tetrachlorodibenzodioxin[2,3,7,8-]	EPA:1613B	ug/L	2	0	0	*1.1E-05*	*1.2E-05*	*1.2E-05*	2	100	-	-	0	0	0	0	-	-	1	-	-	-
Tetrachlorodibenzofuran[2,3,7,8-]	EPA:1613B	ug/L	2	0	0	*1.1E-05*	*1.2E-05*	*1.2E-05*	2	100	-	-	0	0	0	0	-	-	1	-	-	-
Pajarito, DRO, UF, Intermediate																						
Diesel Range Organic	SW-846:8015B	ug/L	1	0	0	*37.9*	*37.9*	*37.9*	1	100	-	-	0	0	0	0	-	-	1	-	-	-
Pajarito, DRO, UF, Intermediate																						
Diesel Range Organics	SW-846:8015B	ug/L	16	13	81	31.8	112.246	542	3	19	-	-	0	0	0	0	-	-	4	-	-	-
Pajarito, DRO, UF, Regional																						
Diesel Range Organics	SW-846:8015B	ug/L	2	0	0	*48.7*	*56.9*	*65.1*	2	100	-	-	0	0	0	0	-	-	1	-	-	-
Pajarito, GRO, UF, Intermediate																						
TPH-GRO	SW-846:8015B	ug/L	8	6	75	37.5	69.0667	101	2	25	-	-	0	0	0	0	-	-	3	-	-	-
Pajarito, Herbicides, UF, Ephemeral																						
D[2,4-]	SW-846:8151A	ug/L	6	0	0	*0.253*	*0.30383*	*0.532*	6	100	-	-	0	0	0	0	-	-	3	-	-	-
Dalapon	SW-846:8151A	ug/L	6	0	0	*5.05*	*6.065*	*10.6*	6	100	-	-	0	0	0	0	-	-	3	-	-	-
DB[2,4-]	SW-846:8151A	ug/L	6	0	0	*0.253*	*0.30383*	*0.532*	6	100	-	-	0	0	0	0	-	-	3	-	-	-
Dicamba	SW-846:8151A	ug/L	6	0	0	*0.253*	*0.30383*	*0.532*	6	100	-	-	0	0	0	0	-	-	3	-	-	-
Dichlorprop	SW-846:8151A	ug/L	6	0	0	*0.253*	*0.30383*	*0.532*	6	100	-	-	0	0	0	0	-	-	3	-	-	-
Dinoseb	SW-846:8151A	ug/L	6	0	0	*0.253*	*0.30383*	*0.532*	6	100	-	-	0	0	0	0	-	-	3	-	-	-
MCPA	SW-846:8151A	ug/L	6	0	0	*50.5*	*60.65*	*106*	6	100	-	-	0	0	0	0	-	-	3	-	-	-
MCPP	SW-846:8151A	ug/L	6	0	0	*50.5*	*60.65*	*106*	6	100	-	-	0	0	0	0	-	-	3	-	-	-
T[2,4,5-]	SW-846:8151A	ug/L	6	0	0	*0.253*	*0.30383*	*0.532*	6	100	-	-	0	0	0	0	-	-	3	-	-	-
TP[2,4,5-]	SW-846:8151A	ug/L	6	0	0	*0.253*	*0.30383*	*0.532*	6	100	-	-	0	0	0	0	-	-	3	-	-	-
Pajarito, Herbicides, UF, Perennial																						
D[2,4-]	SW-846:8151A	ug/L	5	0	0	*0.253*	*0.2622*	*0.278*	5	100	-	-	0	0	0	0	-	-	2	-	-	-
Dalapon	SW-846:8151A	ug/L	5	0	0	*5.05*	*5.238*	*5.56*	5	100	-	-	0	0	0	0	-	-	2	-	-	-
DB[2,4-]	SW-846:8151A	ug/L	5	0	0	*0.253*	*0.2622*	*0.278*	5	100	-	-	0	0	0	0	-	-	2	-	-	-
Dicamba	SW-846:8151A	ug/L	5	0	0	*0.253*	*0.2622*	*0.278*	5	100	-	-	0	0	0	0	-	-	2	-	-	-
Dichlorprop	SW-846:8151A	ug/L	5	0	0	*0.253*	*0.2622*	*0.278*	5	100	-	-	0	0	0	0	-	-	2	-	-	-
Dinoseb	SW-846:8151A	ug/L	5	0	0	*0.253*	*0.2622*	*0.278*	5	100	-	-	0	0	0	0	-	-	2	-	-	-
MCPA	SW-846:8151A	ug/L	5	0	0	*50.5*	*52.38*	*55.6*	5	100	-	-	0	0	0	0	-	-	2	-	-	-
MCPP	SW-846:8151A	ug/L	5	0	0	*50.5*	*52.38*	*55.6*	5	100	-	-	0	0	0	0	-	-	2	-	-	-
T[2,4,5-]	SW-846:8151A	ug/L	5	0	0	*0.253*	*0.2622*	*0.278*	5	100	-	-	0	0	0	0	-	-	2	-	-	-
TP[2,4,5-]	SW-846:8151A	ug/L	5	0	0	*0.253*	*0.2622*	*0.278*	5	100	-	-	0	0	0	0	-	-	2	-	-	-

Table B-4
Screening Table for Pajarito Canyon Watershed (including Twomile and Threemile Canyons)

Analyte	Method	Units	No. of Analyses	No. of Detects	D Rate %	Min	Mean	Max	No. of Non-detects	ND Rate %	BV	D> BV	ND> Std	D> Std	D> Std/2	D>Std/2 Rate %	Level	Std Type	Locations with Data (number)	D>Std (number of locations)	D>Std/2 (number of locations)	D>Std Stations
Pajarito, Herbicides, UF, Springs																						
D[2,4-]	SW-846:8151A	ug/L	17	0	0	*0.255*	*0.27588*	*0.5*	17	100	-	-	0	0	0	0	70	MCL	8	-	-	-
Dalapon	SW-846:8151A	ug/L	17	0	0	*5.1*	*5.51706*	*10*	17	100	-	-	0	0	0	0	200	MCL	8	-	-	-
DB[2,4-]	SW-846:8151A	ug/L	14	0	0	*0.255*	*0.28036*	*0.5*	14	100	-	-	0	0	0	0	292	Reg6	8	-	-	-
Dicamba	SW-846:8151A	ug/L	17	0	0	*0.255*	*0.27588*	*0.5*	17	100	-	-	0	0	0	0	1095	Reg6	8	-	-	-
Dichlorprop	SW-846:8151A	ug/L	17	0	0	*0.255*	*0.27588*	*0.5*	17	100	-	-	0	0	0	0	-	-	8	-	-	-
Dinoseb	SW-846:8151A	ug/L	13	0	0	*0.255*	*0.26346*	*0.275*	13	100	-	-	0	0	0	0	7	MCL	8	-	-	-
MCPA	SW-846:8151A	ug/L	17	0	0	*51*	*55.1706*	*100*	17	100	-	-	17	0	0	0	18.25	Reg6	8	-	-	-
MCPP	SW-846:8151A	ug/L	17	0	0	*51*	*55.1706*	*100*	17	100	-	-	17	0	0	0	36.5	Reg6	8	-	-	-
T[2,4,5-]	SW-846:8151A	ug/L	17	0	0	*0.255*	*0.27588*	*0.5*	17	100	-	-	0	0	0	0	365	Reg6	8	-	-	-
TP[2,4,5-]	SW-846:8151A	ug/L	17	0	0	*0.255*	*0.27588*	*0.5*	17	100	-	-	0	0	0	0	50	MCL	8	-	-	-
Pajarito, Herbicides, UF, Alluvial																						
D[2,4-]	SW-846:8151A	ug/L	12	0	0	*0.253*	*0.26592*	*0.284*	12	100	-	-	0	0	0	0	70	MCL	6	-	-	-
Dalapon	SW-846:8151A	ug/L	12	0	0	*5.05*	*5.31667*	*5.68*	12	100	-	-	0	0	0	0	200	MCL	6	-	-	-
DB[2,4-]	SW-846:8151A	ug/L	12	0	0	*0.253*	*0.26592*	*0.284*	12	100	-	-	0	0	0	0	292	Reg6	6	-	-	-
Dicamba	SW-846:8151A	ug/L	12	0	0	*0.253*	*0.26592*	*0.284*	12	100	-	-	0	0	0	0	1095	Reg6	6	-	-	-
Dichlorprop	SW-846:8151A	ug/L	12	0	0	*0.253*	*0.26592*	*0.284*	12	100	-	-	0	0	0	0	-	-	6	-	-	-
Dinoseb	SW-846:8151A	ug/L	12	0	0	*0.253*	*0.26592*	*0.284*	12	100	-	-	0	0	0	0	7	MCL	6	-	-	-
MCPA	SW-846:8151A	ug/L	12	0	0	*50.5*	*53.1667*	*56.8*	12	100	-	-	12	0	0	0	18.25	Reg6	6	-	-	-
MCPP	SW-846:8151A	ug/L	12	0	0	*50.5*	*53.1667*	*56.8*	12	100	-	-	12	0	0	0	36.5	Reg6	6	-	-	-
T[2,4,5-]	SW-846:8151A	ug/L	12	0	0	*0.253*	*0.26592*	*0.284*	12	100	-	-	0	0	0	0	365	Reg6	6	-	-	-
TP[2,4,5-]	SW-846:8151A	ug/L	12	0	0	*0.253*	*0.26592*	*0.284*	12	100	-	-	0	0	0	0	50	MCL	6	-	-	-
Pajarito, Herbicides, UF, Intermediate																						
D[2,4-]	SW-846:8151A	ug/L	8	0	0	*0.253*	*0.26075*	*0.275*	8	100	-	-	0	0	0	0	70	MCL	5	-	-	-
Dalapon	SW-846:8151A	ug/L	8	0	0	*5.05*	*5.21*	*5.49*	8	100	-	-	0	0	0	0	200	MCL	5	-	-	-
DB[2,4-]	SW-846:8151A	ug/L	7	0	0	*0.253*	*0.26186*	*0.275*	7	100	-	-	0	0	0	0	292	Reg6	5	-	-	-
Dicamba	SW-846:8151A	ug/L	8	0	0	*0.253*	*0.26075*	*0.275*	8	100	-	-	0	0	0	0	1095	Reg6	5	-	-	-
Dichlorprop	SW-846:8151A	ug/L	8	0	0	*0.253*	*0.26075*	*0.275*	8	100	-	-	0	0	0	0	-	-	5	-	-	-
Dinoseb	SW-846:8151A	ug/L	7	0	0	*0.253*	*0.26186*	*0.275*	7	100	-	-	0	0	0	0	7	MCL	5	-	-	-
MCPA	SW-846:8151A	ug/L	8	0	0	*50.5*	*52.1*	*54.9*	8	100	-	-	8	0	0	0	18.25	Reg6	5	-	-	-
MCPP	SW-846:8151A	ug/L	8	0	0	*50.5*	*52.1*	*54.9*	8	100	-	-	8	0	0	0	36.5	Reg6	5	-	-	-
T[2,4,5-]	SW-846:8151A	ug/L	8	0	0	*0.253*	*0.26075*	*0.275*	8	100	-	-	0	0	0	0	365	Reg6	5	-	-	-
TP[2,4,5-]	SW-846:8151A	ug/L	8	0	0	*0.253*	*0.26075*	*0.275*	8	100	-	-	0	0	0	0	50	MCL	5	-	-	-
Pajarito, Herbicides, UF, Regional																						
D[2,4-]	SW-846:8151A	ug/L	25	0	0	*0.253*	*0.26264*	*0.278*	25	100	-	-	0	0	0	0	70	MCL	6	-	-	-
Dalapon	SW-846:8151A	ug/L	25	0	0	*5.05*	*5.2516*	*5.56*	25	100	-	-	0	0	0	0	200	MCL	6	-	-	-
DB[2,4-]	SW-846:8151A	ug/L	25	0	0	*0.253*	*0.26264*	*0.278*	25	100	-	-	0	0	0	0	292	Reg6	6	-	-	-
Dicamba	SW-846:8151A	ug/L	25	0	0	*0.253*	*0.26264*	*0.278*	25	100	-	-	0	0	0	0	1095	Reg6	6	-	-	-
Dichlorprop	SW-846:8151A	ug/L	25	0	0	*0.253*	*0.26264*	*0.278*	25	100	-	-	0	0	0	0	-	-	6	-	-	-
Dinoseb	SW-846:8151A	ug/L	25	0	0	*0.253*	*0.26264*	*0.278*	25	100	-	-	0	0	0	0	7	MCL	6	-	-	-
MCPA	SW-846:8151A	ug/L	25	0	0	*50.5*	*52.516*	*55.6*	25	100	-	-	25	0	0	0	18.25	Reg6	6	-	-	-
MCPP	SW-846:8151A	ug/L	25	0	0	*50.5*	*52.516*	*55.6*	25	100	-	-	25	0	0	0	36.5	Reg6	6	-	-	-
T[2,4,5-]	SW-846:8151A	ug/L	25	0	0	*0.253*	*0.26264*	*0.278*	25	100	-	-	0	0	0	0	365	Reg6	6	-	-	-
TP[2,4,5-]	SW-846:8151A	ug/L	25	0	0	*0.253*	*0.26264*	*0.278*	25	100	-	-	0	0	0	0	50	MCL	6	-	-	-
Pajarito, High Explosives, UF, Ephemeral																						
2,4-Diamino-6-nitrotoluene	SW-846:8321A_MOD	ug/L	11	0	0	*1.3*	*1.3*	*1.3*	11	100	-	-	0	0	0	0	-	-	4	-	-	-
2,6-Diamino-4-nitrotoluene	SW-846:8321A_MOD	ug/L	11	0	0	*1.3*	*1.3*	*1.3*	11	100	-	-	0	0	0	0	-	-	4	-	-	-
3,5-Dinitroaniline	SW-846:8321A_MOD	ug/L	11	0	0	*1.3*	*1.3*	*1.3*	11	100	-	-	0	0	0	0	-	-	4	-	-	-
Amino-2,6-dinitrotoluene[4-]	SW-846:8321A_MOD	ug/L	11	0	0	*0.325*	*0.325*	*0.325*	11	100	-	-	0	0	0	0	-	-	4	-	-	-
Amino-2,6-dinitrotoluene[4-]	SW-846:8330	ug/L	4	0	0	*0.48*	*0.565*	*0.65*	4	100	-	-	0	0	0	0	-	-	2	-	-	-
Amino-4,6-dinitrotoluene[2-]	SW-846:8321A_MOD	ug/L	11	0	0	*0.325*	*0.325*	*0.325*	11	100	-	-	0	0	0	0	-	-	4	-	-	-
Amino-4,6-dinitrotoluene[2-]	SW-846:8330	ug/L	4	0	0	*0.65*	*0.81*	*0.97*	4	100	-	-	0	0	0	0	-	-	2	-	-	-
Dinitrobenzene[1,3-]	SW-846:8321A_MOD	ug/L	11	0	0	*0.325*	*0.325*	*0.325*	11	100	-	-	0	0	0	0	-	-	4	-	-	-
Dinitrobenzene[1,3-]	SW-846:8330	ug/L	4	0	0	*0.65*	*0.81*	*0.97*	4	100	-	-	0	0	0	0	-	-	2	-	-	-
Dinitrotoluene[2,4-]	SW-846:8321A_MOD	ug/L	11	0	0	*0.325*	*0.325*	*0.325*	11	100	-	-	0	0	0	0	-	-	4	-	-	-
Dinitrotoluene[2,4-]	SW-846:8330	ug/L	4	0	0	*0.65*	*0.81*	*0.97*	4	100	-	-	0	0	0	0	-	-	2	-	-	-

Table B-4
Screening Table for Pajarito Canyon Watershed (including Twomile and Threemile Canyons)

Analyte	Method	Units	No. of Analyses	No. of Detects	D Rate %	Min	Mean	Max	No. of Non-detects	ND Rate %	BV	D> BV	ND> Std	D> Std	D> Std/2	D>Std/2 Rate %	Level	Std Type	Locations with Data (number)	D>Std (number of locations)	D>Std/2 (number of locations)	D>Std Stations
Dinitrotoluene[2,6-]	SW-846:8321A_MOD	ug/L	11	0	0	0.325	0.325	0.325	11	100	-	-	0	0	0	0	-	-	4	-	-	-
Dinitrotoluene[2,6-]	SW-846:8330	ug/L	4	0	0	0.54	0.595	0.65	4	100	-	-	0	0	0	0	-	-	2	-	-	-
DNX	SW-846:8330	ug/L	13	0	0	0.069	0.40054	0.5	13	100	-	-	0	0	0	0	-	-	3	-	-	-
HMX	SW-846:8321A_MOD	ug/L	11	5	45	0.166	0.4768	1.04	6	55	-	-	0	0	0	0	-	-	4	-	-	-
HMX	SW-846:8330	ug/L	4	0	0	0.48	0.565	0.65	4	100	-	-	0	0	0	0	-	-	2	-	-	-
MNX	SW-846:8330	ug/L	13	0	0	0.091	0.40562	0.5	13	100	-	-	0	0	0	0	-	-	3	-	-	-
Nitrobenzene	SW-846:8321A_MOD	ug/L	11	0	0	0.325	0.325	0.325	11	100	-	-	0	0	0	0	-	-	4	-	-	-
Nitrobenzene	SW-846:8330	ug/L	4	0	0	0.48	0.565	0.65	4	100	-	-	0	0	0	0	-	-	2	-	-	-
Nitrotoluene[2-]	SW-846:8321A_MOD	ug/L	11	0	0	0.325	0.325	0.325	11	100	-	-	0	0	0	0	-	-	4	-	-	-
Nitrotoluene[2-]	SW-846:8330	ug/L	4	0	0	0.48	0.565	0.65	4	100	-	-	0	0	0	0	-	-	2	-	-	-
Nitrotoluene[3-]	SW-846:8321A_MOD	ug/L	11	0	0	0.325	0.325	0.325	11	100	-	-	0	0	0	0	-	-	4	-	-	-
Nitrotoluene[3-]	SW-846:8330	ug/L	3	0	0	0.65	0.86333	0.97	3	100	-	-	0	0	0	0	-	-	2	-	-	-
Nitrotoluene[4-]	SW-846:8321A_MOD	ug/L	11	0	0	0.649	0.649	0.649	11	100	-	-	0	0	0	0	-	-	4	-	-	-
Nitrotoluene[4-]	SW-846:8330	ug/L	4	0	0	0.65	0.81	0.97	4	100	-	-	0	0	0	0	-	-	2	-	-	-
PETN	SW-846:8321A_MOD	ug/L	11	0	0	1.3	1.3	1.3	11	100	-	-	0	0	0	0	-	-	4	-	-	-
RDX	SW-846:8321A_MOD	ug/L	11	1	9	0.171	0.171	0.171	10	91	-	-	0	0	0	0	-	-	4	-	-	-
RDX	SW-846:8330	ug/L	4	0	0	0.48	0.565	0.65	4	100	-	-	0	0	0	0	-	-	2	-	-	-
TATB	SW-846:8321A_MOD	ug/L	11	0	0	1.3	1.3	1.3	11	100	-	-	0	0	0	0	-	-	4	-	-	-
Tetryl	SW-846:8321A_MOD	ug/L	11	0	0	0.649	0.649	0.649	11	100	-	-	0	0	0	0	-	-	4	-	-	-
Tetryl	SW-846:8330	ug/L	2	0	0	1.5	1.5	1.5	2	100	-	-	0	0	0	0	-	-	2	-	-	-
TNX	SW-846:8330	ug/L	13	0	0	0.082	0.40354	0.5	13	100	-	-	0	0	0	0	-	-	3	-	-	-
Trinitrobenzene[1,3,5-]	SW-846:8321A_MOD	ug/L	11	0	0	0.325	0.325	0.325	11	100	-	-	0	0	0	0	-	-	4	-	-	-
Trinitrobenzene[1,3,5-]	SW-846:8330	ug/L	4	0	0	0.65	0.81	0.97	4	100	-	-	0	0	0	0	-	-	2	-	-	-
Trinitrotoluene[2,4,6-]	SW-846:8321A_MOD	ug/L	11	0	0	0.325	0.325	0.325	11	100	-	-	0	0	0	0	-	-	4	-	-	-
Trinitrotoluene[2,4,6-]	SW-846:8330	ug/L	4	0	0	0.48	0.565	0.65	4	100	-	-	0	0	0	0	-	-	2	-	-	-
Tris (o-cresyl) phosphate	SW-846:8321A_MOD	ug/L	6	0	0	1.3	1.3	1.3	6	100	-	-	0	0	0	0	-	-	4	-	-	-
Pajarito, High Explosives, UF, Perennial																						
2,4-Diamino-6-nitrotoluene	SW-846:8321A_MOD	ug/L	8	0	0	1.3	1.3	1.3	8	100	-	-	0	0	0	0	-	-	2	-	-	-
2,6-Diamino-4-nitrotoluene	SW-846:8321A_MOD	ug/L	8	0	0	1.3	1.3	1.3	8	100	-	-	0	0	0	0	-	-	2	-	-	-
3,5-Dinitroaniline	SW-846:8321A_MOD	ug/L	8	0	0	1.3	1.3	1.3	8	100	-	-	0	0	0	0	-	-	2	-	-	-
Amino-2,6-dinitrotoluene[4-]	SW-846:8321A_MOD	ug/L	8	0	0	0.325	0.325	0.325	8	100	-	-	0	0	0	0	-	-	2	-	-	-
Amino-2,6-dinitrotoluene[4-]	SW-846:8330	ug/L	1	0	0	0.16	0.16	0.16	1	100	-	-	0	0	0	0	-	-	1	-	-	-
Amino-4,6-dinitrotoluene[2-]	SW-846:8321A_MOD	ug/L	8	0	0	0.325	0.325	0.325	8	100	-	-	0	0	0	0	-	-	2	-	-	-
Amino-4,6-dinitrotoluene[2-]	SW-846:8330	ug/L	1	0	0	0.32	0.32	0.32	1	100	-	-	0	0	0	0	-	-	1	-	-	-
Dinitrobenzene[1,3-]	SW-846:8321A_MOD	ug/L	8	0	0	0.325	0.325	0.325	8	100	-	-	0	0	0	0	-	-	2	-	-	-
Dinitrobenzene[1,3-]	SW-846:8330	ug/L	1	0	0	0.32	0.32	0.32	1	100	-	-	0	0	0	0	-	-	1	-	-	-
Dinitrotoluene[2,4-]	SW-846:8321A_MOD	ug/L	8	0	0	0.325	0.325	0.325	8	100	-	-	0	0	0	0	-	-	2	-	-	-
Dinitrotoluene[2,4-]	SW-846:8330	ug/L	1	0	0	0.32	0.32	0.32	1	100	-	-	0	0	0	0	-	-	1	-	-	-
Dinitrotoluene[2,6-]	SW-846:8321A_MOD	ug/L	8	0	0	0.325	0.325	0.325	8	100	-	-	0	0	0	0	-	-	2	-	-	-
Dinitrotoluene[2,6-]	SW-846:8330	ug/L	1	0	0	0.18	0.18	0.18	1	100	-	-	0	0	0	0	-	-	1	-	-	-
DNX	SW-846:8330	ug/L	11	0	0	0.069	0.42164	0.5	11	100	-	-	0	0	0	0	-	-	2	-	-	-
HMX	SW-846:8321A_MOD	ug/L	8	3	38	0.296	1.618	3.91	5	63	-	-	0	0	0	0	-	-	2	-	-	-
HMX	SW-846:8330	ug/L	1	0	0	0.16	0.16	0.16	1	100	-	-	0	0	0	0	-	-	1	-	-	-
MNX	SW-846:8330	ug/L	11	0	0	0.091	0.42564	0.5	11	100	-	-	0	0	0	0	-	-	2	-	-	-
Nitrobenzene	SW-846:8321A_MOD	ug/L	8	0	0	0.325	0.325	0.325	8	100	-	-	0	0	0	0	-	-	2	-	-	-
Nitrobenzene	SW-846:8330	ug/L	1	0	0	0.16	0.16	0.16	1	100	-	-	0	0	0	0	-	-	1	-	-	-
Nitrotoluene[2-]	SW-846:8321A_MOD	ug/L	8	0	0	0.325	0.325	0.325	8	100	-	-	0	0	0	0	-	-	2	-	-	-
Nitrotoluene[2-]	SW-846:8330	ug/L	1	0	0	0.16	0.16	0.16	1	100	-	-	0	0	0	0	-	-	1	-	-	-
Nitrotoluene[3-]	SW-846:8321A_MOD	ug/L	8	0	0	0.325	0.325	0.325	8	100	-	-	0	0	0	0	-	-	2	-	-	-
Nitrotoluene[3-]	SW-846:8330	ug/L	1	0	0	0.32	0.32	0.32	1	100	-	-	0	0	0	0	-	-	1	-	-	-
Nitrotoluene[4-]	SW-846:8321A_MOD	ug/L	8	0	0	0.649	0.649	0.649	8	100	-	-	0	0	0	0	-	-	2	-	-	-
Nitrotoluene[4-]	SW-846:8330	ug/L	1	0	0	0.32	0.32	0.32	1	100	-	-	0	0	0	0	-	-	1	-	-	-
PETN	SW-846:8321A_MOD	ug/L	8	0	0	1.3	1.3	1.3	8	100	-	-	0	0	0	0	-	-	2	-	-	-
RDX	SW-846:8321A_MOD	ug/L	8	3	38	0.261	0.47333	0.833	5	63	-	-	0	0	0	0	-	-	2	-	-	-
RDX	SW-846:8330	ug/L	1	0	0	0.16	0.16	0.16	1	100	-	-	0	0	0	0	-	-	1	-	-	-
TATB	SW-846:8321A_MOD	ug/L	8	0	0	1.3	1.3	1.3	8	100	-	-	0	0	0	0	-	-	2	-	-	-
Tetryl	SW-846:8321A_MOD	ug/L	8	0	0	0.649	0.649	0.649	8	100	-	-	0	0	0	0	-	-	2	-	-	-

Table B-4
Screening Table for Pajarito Canyon Watershed (including Twomile and Threemile Canyons)

Analyte	Method	Units	No. of Analyses	No. of Detects	D Rate %	Min	Mean	Max	No. of Non-detects	ND Rate %	BV	D> BV	ND> Std	D> Std	D> Std/2	D>Std/2 Rate %	Level	Std Type	Locations with Data (number)	D>Std (number of locations)	D>Std/2 (number of locations)	D>Std Stations
Tetryl	SW-846:8330	ug/L	1	0	0	*0.49*	*0.49*	*0.49*	1	100	-	-	0	0	0	0	-	-	1	-	-	-
TNX	SW-846:8330	ug/L	11	0	0	*0.082*	*0.424*	*0.5*	11	100	-	-	0	0	0	0	-	-	2	-	-	-
Trinitrobenzene[1,3,5-]	SW-846:8321A_MOD	ug/L	8	0	0	*0.325*	*0.325*	*0.325*	8	100	-	-	0	0	0	0	-	-	2	-	-	-
Trinitrobenzene[1,3,5-]	SW-846:8330	ug/L	1	0	0	*0.32*	*0.32*	*0.32*	1	100	-	-	0	0	0	0	-	-	1	-	-	-
Trinitrotoluene[2,4,6-]	SW-846:8321A_MOD	ug/L	8	0	0	*0.325*	*0.325*	*0.325*	8	100	-	-	0	0	0	0	-	-	2	-	-	-
Trinitrotoluene[2,4,6-]	SW-846:8330	ug/L	1	0	0	*0.16*	*0.16*	*0.16*	1	100	-	-	0	0	0	0	-	-	1	-	-	-
Tris (o-cresyl) phosphate	SW-846:8321A_MOD	ug/L	8	0	0	*1.3*	*1.3*	*1.3*	8	100	-	-	0	0	0	0	-	-	2	-	-	-
Pajarito, High Explosives, UF, Springs																						
2,4-Diamino-6-nitrotoluene	SW-846:8321A_MOD	ug/L	55	0	0	*1.3*	*1.3*	*1.3*	55	100	-	-	0	0	0	0	-	-	10	-	-	-
2,6-Diamino-4-nitrotoluene	SW-846:8321A_MOD	ug/L	54	0	0	*1.3*	*1.3*	*1.3*	54	100	-	-	0	0	0	0	-	-	10	-	-	-
3,5-Dinitroaniline	SW-846:8321A_MOD	ug/L	55	0	0	*1.3*	*1.3*	*1.3*	55	100	-	-	0	0	0	0	-	-	10	-	-	-
Amino-2,6-dinitrotoluene[4-]	SW-846:8321A_MOD	ug/L	55	3	5	0.135	0.164	0.209	52	95	-	-	0	0	0	0	-	-	10	-	-	-
Amino-2,6-dinitrotoluene[4-]	SW-846:8330	ug/L	6	0	0	*0.48*	*0.75*	*2.1*	6	100	-	-	0	0	0	0	-	-	5	-	-	-
Amino-4,6-dinitrotoluene[2-]	SW-846:8321A_MOD	ug/L	55	0	0	*0.325*	*0.325*	*0.325*	55	100	-	-	0	0	0	0	-	-	10	-	-	-
Amino-4,6-dinitrotoluene[2-]	SW-846:8330	ug/L	6	0	0	*0.97*	*1.525*	*4.3*	6	100	-	-	0	0	0	0	-	-	5	-	-	-
Dinitrobenzene[1,3-]	SW-846:8321A_MOD	ug/L	55	0	0	*0.325*	*0.325*	*0.325*	55	100	-	-	0	0	0	0	3.65	Reg6	10	-	-	-
Dinitrobenzene[1,3-]	SW-846:8330	ug/L	6	0	0	*0.97*	*1.525*	*4.3*	6	100	-	-	1	0	0	0	3.65	Reg6	5	-	-	-
Dinitrotoluene[2,4-]	SW-846:8321A_MOD	ug/L	55	0	0	*0.325*	*0.325*	*0.325*	55	100	-	-	0	0	0	0	-	-	10	-	-	-
Dinitrotoluene[2,4-]	SW-846:8330	ug/L	6	0	0	*0.97*	*1.525*	*4.3*	6	100	-	-	0	0	0	0	-	-	5	-	-	-
Dinitrotoluene[2,6-]	SW-846:8321A_MOD	ug/L	55	0	0	*0.325*	*0.325*	*0.325*	55	100	-	-	0	0	0	0	-	-	10	-	-	-
Dinitrotoluene[2,6-]	SW-846:8330	ug/L	6	0	0	*0.54*	*0.85*	*2.4*	6	100	-	-	0	0	0	0	-	-	5	-	-	-
DNX	SW-846:8330	ug/L	44	0	0	*0.069*	*0.41184*	*0.5*	44	100	-	-	0	0	0	0	-	-	9	-	-	-
HMX	SW-846:8321A_MOD	ug/L	55	10	18	0.148	1.6906	4.75	45	82	-	-	0	0	0	0	1825	Reg6	10	-	-	-
HMX	SW-846:8330	ug/L	6	1	17	3.6	3.6	3.6	5	83	-	-	0	0	0	0	1825	Reg6	5	-	-	-
MNX	SW-846:8330	ug/L	44	0	0	*0.091*	*0.41634*	*0.5*	44	100	-	-	0	0	0	0	-	-	9	-	-	-
Nitrobenzene	SW-846:8321A_MOD	ug/L	55	0	0	*0.325*	*0.325*	*0.325*	55	100	-	-	0	0	0	0	-	-	10	-	-	-
Nitrobenzene	SW-846:8330	ug/L	6	0	0	*0.48*	*0.75*	*2.1*	6	100	-	-	0	0	0	0	-	-	5	-	-	-
Nitrotoluene[2-]	SW-846:8321A_MOD	ug/L	55	0	0	*0.325*	*0.325*	*0.325*	55	100	-	-	0	0	0	0	2.92311	Reg6	10	-	-	-
Nitrotoluene[2-]	SW-846:8330	ug/L	6	0	0	*0.48*	*0.75*	*2.1*	6	100	-	-	0	0	0	0	2.92311	Reg6	5	-	-	-
Nitrotoluene[3-]	SW-846:8321A_MOD	ug/L	55	0	0	*0.325*	*0.325*	*0.325*	55	100	-	-	0	0	0	0	121.6667	Reg6	10	-	-	-
Nitrotoluene[3-]	SW-846:8330	ug/L	6	0	0	*0.97*	*1.525*	*4.3*	6	100	-	-	0	0	0	0	121.6667	Reg6	5	-	-	-
Nitrotoluene[4-]	SW-846:8321A_MOD	ug/L	55	0	0	*0.649*	*0.649*	*0.649*	55	100	-	-	0	0	0	0	39.54796	Reg6	10	-	-	-
Nitrotoluene[4-]	SW-846:8330	ug/L	6	0	0	*0.97*	*1.525*	*4.3*	6	100	-	-	0	0	0	0	39.54796	Reg6	5	-	-	-
PETN	SW-846:8321A_MOD	ug/L	55	0	0	*1.3*	*1.3*	*1.3*	55	100	-	-	0	0	0	0	-	-	10	-	-	-
RDX	SW-846:8321A_MOD	ug/L	55	9	16	0.147	2.05	4.58	46	84	-	-	0	0	3	5	6.111958	Reg6	10	-	1	-
RDX	SW-846:8330	ug/L	6	1	17	5.1	5.1	5.1	5	83	-	-	0	0	1	17	6.111958	Reg6	5	-	1	-
TATB	SW-846:8321A_MOD	ug/L	55	1	2	0.475	0.475	0.475	54	98	-	-	0	0	0	0	-	-	10	-	-	-
Tetryl	SW-846:8321A_MOD	ug/L	55	0	0	*0.649*	*0.649*	*0.649*	55	100	-	-	0	0	0	0	146	Reg6	10	-	-	-
Tetryl	SW-846:8330	ug/L	6	0	0	*1.5*	*2.31667*	*6.4*	6	100	-	-	0	0	0	0	146	Reg6	5	-	-	-
TNX	SW-846:8330	ug/L	44	0	0	*0.082*	*0.4145*	*0.5*	44	100	-	-	0	0	0	0	-	-	9	-	-	-
Trinitrobenzene[1,3,5-]	SW-846:8321A_MOD	ug/L	55	0	0	*0.325*	*0.325*	*0.325*	55	100	-	-	0	0	0	0	1095	Reg6	10	-	-	-
Trinitrobenzene[1,3,5-]	SW-846:8330	ug/L	6	0	0	*0.97*	*1.525*	*4.3*	6	100	-	-	0	0	0	0	1095	Reg6	5	-	-	-
Trinitrotoluene[2,4,6-]	SW-846:8321A_MOD	ug/L	55	0	0	*0.325*	*0.325*	*0.325*	55	100	-	-	0	0	0	0	22.41051	Reg6	10	-	-	-
Trinitrotoluene[2,4,6-]	SW-846:8330	ug/L	6	0	0	*0.48*	*0.75*	*2.1*	6	100	-	-	0	0	0	0	22.41051	Reg6	5	-	-	-
Tris (o-cresyl) phosphate	SW-846:8321A_MOD	ug/L	46	0	0	*1.3*	*1.3*	*1.3*	46	100	-	-	0	0	0	0	-	-	10	-	-	-
Pajarito, High Explosives, UF, Alluvial																						
2,4-Diamino-6-nitrotoluene	SW-846:8321A_MOD	ug/L	32	0	0	*1.3*	*1.3*	*1.3*	32	100	-	-	0	0	0	0	-	-	6	-	-	-
2,6-Diamino-4-nitrotoluene	SW-846:8321A_MOD	ug/L	29	0	0	*1.3*	*1.3*	*1.3*	29	100	-	-	0	0	0	0	-	-	6	-	-	-
3,5-Dinitroaniline	SW-846:8321A_MOD	ug/L	32	0	0	*1.3*	*1.3*	*1.3*	32	100	-	-	0	0	0	0	-	-	6	-	-	-
Amino-2,6-dinitrotoluene[4-]	SW-846:8321A_MOD	ug/L	32	0	0	*0.325*	*0.325*	*0.325*	32	100	-	-	0	0	0	0	-	-	6	-	-	-
Amino-4,6-dinitrotoluene[2-]	SW-846:8321A_MOD	ug/L	32	0	0	*0.325*	*0.325*	*0.325*	32	100	-	-	0	0	0	0	-	-	6	-	-	-
Dinitrobenzene[1,3-]	SW-846:8321A_MOD	ug/L	32	0	0	*0.325*	*0.325*	*0.325*	32	100	-	-	0	0	0	0	3.65	Reg6	6	-	-	-
Dinitrotoluene[2,4-]	SW-846:8321A_MOD	ug/L	32	0	0	*0.325*	*0.325*	*0.325*	32	100	-	-	0	0	0	0	-	-	6	-	-	-
Dinitrotoluene[2,6-]	SW-846:8321A_MOD	ug/L	32	0	0	*0.325*	*0.325*	*0.325*	32	100	-	-	0	0	0	0	-	-	6	-	-	-
DNX	SW-846:8330	ug/L	29	0	0	*0.069*	*0.41083*	*0.5*	29	100	-	-	0	0	0	0	-	-	6	-	-	-
HMX	SW-846:8321A_MOD	ug/L	32	0	0	*0.325*	*0.325*	*0.325*	32	100	-	-	0	0	0	0	1825	Reg6	6	-	-	-
MNX	SW-846:8330	ug/L	29	0	0	*0.091*	*0.41538*	*0.5*	29	100	-	-	0	0	0	0	-	-	6	-	-	-

Table B-4
Screening Table for Pajarito Canyon Watershed (including Twomile and Threemile Canyons)

Analyte	Method	Units	No. of Analyses	No. of Detects	D Rate %	Min	Mean	Max	No. of Non-detects	ND Rate %	BV	D> BV	ND> Std	D> Std	D> Std/2	D>Std/2 Rate %	Level	Std Type	Locations with Data (number)	D>Std (number of locations)	D>Std/2 (number of locations)	D>Std Stations
Nitrobenzene	SW-846:8321A_MOD	ug/L	32	0	0	*0.325*	*0.325*	*0.325*	32	100	-	-	0	0	0	0	-	-	6	-	-	-
Nitrotoluene[2-]	SW-846:8321A_MOD	ug/L	32	0	0	*0.325*	*0.325*	*0.325*	32	100	-	-	0	0	0	0	2.92311	Reg6	6	-	-	-
Nitrotoluene[3-]	SW-846:8321A_MOD	ug/L	32	0	0	*0.325*	*0.325*	*0.325*	32	100	-	-	0	0	0	0	121.6667	Reg6	6	-	-	-
Nitrotoluene[4-]	SW-846:8321A_MOD	ug/L	32	0	0	*0.649*	*0.649*	*0.649*	32	100	-	-	0	0	0	0	39.54796	Reg6	6	-	-	-
PETN	SW-846:8321A_MOD	ug/L	32	0	0	*1.3*	*1.3*	*1.3*	32	100	-	-	0	0	0	0	-	-	6	-	-	-
RDX	SW-846:8321A_MOD	ug/L	32	0	0	*0.325*	*0.325*	*0.325*	32	100	-	-	0	0	0	0	6.111958	Reg6	6	-	-	-
TATB	SW-846:8321A_MOD	ug/L	32	0	0	*1.3*	*1.3*	*1.3*	32	100	-	-	0	0	0	0	-	-	6	-	-	-
Tetryl	SW-846:8321A_MOD	ug/L	31	0	0	*0.649*	*0.649*	*0.649*	31	100	-	-	0	0	0	0	146	Reg6	6	-	-	-
TNX	SW-846:8330	ug/L	29	0	0	*0.082*	*0.41352*	*0.5*	29	100	-	-	0	0	0	0	-	-	6	-	-	-
Trinitrobenzene[1,3,5-]	SW-846:8321A_MOD	ug/L	32	0	0	*0.325*	*0.325*	*0.325*	32	100	-	-	0	0	0	0	1095	Reg6	6	-	-	-
Trinitrotoluene[2,4,6-]	SW-846:8321A_MOD	ug/L	32	0	0	*0.325*	*0.325*	*0.325*	32	100	-	-	0	0	0	0	22.41051	Reg6	6	-	-	-
Tris (o-cresyl) phosphate	SW-846:8321A_MOD	ug/L	14	0	0	*1.3*	*1.3*	*1.3*	14	100	-	-	0	0	0	0	-	-	6	-	-	-
Pajarito, High Explosives, UF, Intermediate																						
2,4-Diamino-6-nitrotoluene	SW-846:8321A_MOD	ug/L	26	0	0	*1.3*	*1.3*	*1.3*	26	100	-	-	0	0	0	0	-	-	5	-	-	-
2,6-Diamino-4-nitrotoluene	SW-846:8321A_MOD	ug/L	26	0	0	*1.3*	*1.3*	*1.3*	26	100	-	-	0	0	0	0	-	-	5	-	-	-
3,5-Dinitroaniline	SW-846:8321A_MOD	ug/L	26	0	0	*1.3*	*1.3*	*1.3*	26	100	-	-	0	0	0	0	-	-	5	-	-	-
Amino-2,6-dinitrotoluene[4-]	SW-846:8321A(M)	ug/L	1	0	0	*0.104*	*0.104*	*0.104*	1	100	-	-	0	0	0	0	-	-	1	-	-	-
Amino-2,6-dinitrotoluene[4-]	SW-846:8321A_MOD	ug/L	26	0	0	*0.325*	*0.325*	*0.325*	26	100	-	-	0	0	0	0	-	-	5	-	-	-
Amino-2,6-dinitrotoluene[4-]	SW-846:8330	ug/L	1	0	0	*0.162*	*0.162*	*0.162*	1	100	-	-	0	0	0	0	-	-	1	-	-	-
Amino-4,6-dinitrotoluene[2-]	SW-846:8321A(M)	ug/L	1	0	0	*0.104*	*0.104*	*0.104*	1	100	-	-	0	0	0	0	-	-	1	-	-	-
Amino-4,6-dinitrotoluene[2-]	SW-846:8321A_MOD	ug/L	26	0	0	*0.325*	*0.325*	*0.325*	26	100	-	-	0	0	0	0	-	-	5	-	-	-
Amino-4,6-dinitrotoluene[2-]	SW-846:8330	ug/L	1	0	0	*0.325*	*0.325*	*0.325*	1	100	-	-	0	0	0	0	-	-	1	-	-	-
Dinitrobenzene[1,3-]	SW-846:8321A(M)	ug/L	1	0	0	*0.104*	*0.104*	*0.104*	1	100	-	-	0	0	0	0	3.65	Reg6	1	-	-	-
Dinitrobenzene[1,3-]	SW-846:8321A_MOD	ug/L	26	0	0	*0.325*	*0.325*	*0.325*	26	100	-	-	0	0	0	0	3.65	Reg6	5	-	-	-
Dinitrobenzene[1,3-]	SW-846:8330	ug/L	1	0	0	*0.325*	*0.325*	*0.325*	1	100	-	-	0	0	0	0	3.65	Reg6	1	-	-	-
Dinitrotoluene[2,4-]	SW-846:8321A(M)	ug/L	1	0	0	*0.104*	*0.104*	*0.104*	1	100	-	-	0	0	0	0	-	-	1	-	-	-
Dinitrotoluene[2,4-]	SW-846:8321A_MOD	ug/L	26	0	0	*0.325*	*0.325*	*0.325*	26	100	-	-	0	0	0	0	-	-	5	-	-	-
Dinitrotoluene[2,4-]	SW-846:8330	ug/L	1	0	0	*0.325*	*0.325*	*0.325*	1	100	-	-	0	0	0	0	-	-	1	-	-	-
Dinitrotoluene[2,6-]	SW-846:8321A(M)	ug/L	1	0	0	*0.104*	*0.104*	*0.104*	1	100	-	-	0	0	0	0	-	-	1	-	-	-
Dinitrotoluene[2,6-]	SW-846:8321A_MOD	ug/L	26	0	0	*0.325*	*0.325*	*0.325*	26	100	-	-	0	0	0	0	-	-	5	-	-	-
Dinitrotoluene[2,6-]	SW-846:8330	ug/L	1	0	0	*0.182*	*0.182*	*0.182*	1	100	-	-	0	0	0	0	-	-	1	-	-	-
DNX	SW-846:8330	ug/L	23	0	0	*0.069*	*0.4063*	*0.5*	23	100	-	-	0	0	0	0	-	-	4	-	-	-
HMX	SW-846:8321A(M)	ug/L	1	0	0	*0.104*	*0.104*	*0.104*	1	100	-	-	0	0	0	0	1825	Reg6	1	-	-	-
HMX	SW-846:8321A_MOD	ug/L	26	0	0	*0.325*	*0.325*	*0.325*	26	100	-	-	0	0	0	0	1825	Reg6	5	-	-	-
HMX	SW-846:8330	ug/L	1	0	0	*0.162*	*0.162*	*0.162*	1	100	-	-	0	0	0	0	1825	Reg6	1	-	-	-
MNX	SW-846:8330	ug/L	23	0	0	*0.091*	*0.41109*	*0.5*	23	100	-	-	0	0	0	0	-	-	4	-	-	-
Nitrobenzene	SW-846:8321A(M)	ug/L	1	0	0	*0.104*	*0.104*	*0.104*	1	100	-	-	0	0	0	0	-	-	1	-	-	-
Nitrobenzene	SW-846:8321A_MOD	ug/L	26	0	0	*0.325*	*0.325*	*0.325*	26	100	-	-	0	0	0	0	-	-	5	-	-	-
Nitrobenzene	SW-846:8330	ug/L	1	0	0	*0.162*	*0.162*	*0.162*	1	100	-	-	0	0	0	0	-	-	1	-	-	-
Nitrotoluene[2-]	SW-846:8321A(M)	ug/L	1	0	0	*0.104*	*0.104*	*0.104*	1	100	-	-	0	0	0	0	2.92311	Reg6	1	-	-	-
Nitrotoluene[2-]	SW-846:8321A_MOD	ug/L	26	0	0	*0.325*	*0.325*	*0.325*	26	100	-	-	0	0	0	0	2.92311	Reg6	5	-	-	-
Nitrotoluene[2-]	SW-846:8330	ug/L	1	0	0	*0.162*	*0.162*	*0.162*	1	100	-	-	0	0	0	0	2.92311	Reg6	1	-	-	-
Nitrotoluene[3-]	SW-846:8321A(M)	ug/L	1	0	0	*0.104*	*0.104*	*0.104*	1	100	-	-	0	0	0	0	121.6667	Reg6	1	-	-	-
Nitrotoluene[3-]	SW-846:8321A_MOD	ug/L	26	0	0	*0.325*	*0.325*	*0.325*	26	100	-	-	0	0	0	0	121.6667	Reg6	5	-	-	-
Nitrotoluene[3-]	SW-846:8330	ug/L	1	0	0	*0.325*	*0.325*	*0.325*	1	100	-	-	0	0	0	0	121.6667	Reg6	1	-	-	-
Nitrotoluene[4-]	SW-846:8321A(M)	ug/L	1	0	0	*0.104*	*0.104*	*0.104*	1	100	-	-	0	0	0	0	39.54796	Reg6	1	-	-	-
Nitrotoluene[4-]	SW-846:8321A_MOD	ug/L	26	0	0	*0.649*	*0.649*	*0.649*	26	100	-	-	0	0	0	0	39.54796	Reg6	5	-	-	-
Nitrotoluene[4-]	SW-846:8330	ug/L	1	0	0	*0.325*	*0.325*	*0.325*	1	100	-	-	0	0	0	0	39.54796	Reg6	1	-	-	-
PETN	SW-846:8321A_MOD	ug/L	26	0	0	*1.3*	*1.3*	*1.3*	26	100	-	-	0	0	0	0	-	-	5	-	-	-
RDX	SW-846:8321A(M)	ug/L	1	0	0	*0.104*	*0.104*	*0.104*	1	100	-	-	0	0	0	0	6.111958	Reg6	1	-	-	-
RDX	SW-846:8321A_MOD	ug/L	26	0	0	*0.325*	*0.325*	*0.325*	26	100	-	-	0	0	0	0	6.111958	Reg6	5	-	-	-
RDX	SW-846:8330	ug/L	1	0	0	*0.162*	*0.162*	*0.162*	1	100	-	-	0	0	0	0	6.111958	Reg6	1	-	-	-
TATB	SW-846:8321A_MOD	ug/L	26	0	0	*1.3*	*1.3*	*1.3*	26	100	-	-	0	0	0	0	-	-	5	-	-	-
Tetryl	SW-846:8321A(M)	ug/L	1	0	0	*0.104*	*0.104*	*0.104*	1	100	-	-	0	0	0	0	146	Reg6	1	-	-	-
Tetryl	SW-846:8321A_MOD	ug/L	26	0	0	*0.649*	*0.649*	*0.649*	26	100	-	-	0	0	0	0	146	Reg6	5	-	-	-
Tetryl	SW-846:8330	ug/L	1	0	0	*0.487*	*0.487*	*0.487*	1	100	-	-	0	0	0	0	146	Reg6	1	-	-	-
TNX	SW-846:8330	ug/L	23	0	0	*0.082*	*0.40913*	*0.5*	23	100	-	-	0	0	0	0	-	-	4	-	-	-

Table B-4
Screening Table for Pajarito Canyon Watershed (including Twomile and Threemile Canyons)

Analyte	Method	Units	No. of Analyses	No. of Detects	D Rate %	Min	Mean	Max	No. of Non-detects	ND Rate %	BV	D> BV	ND> Std	D> Std	D> Std/2	D>Std/2 Rate %	Level	Std Type	Locations with Data (number)	D>Std (number of locations)	D>Std/2 (number of locations)	D>Std Stations
Trinitrobenzene[1,3,5-]	SW-846:8321A(M)	ug/L	1	0	0	*0.104*	*0.104*	*0.104*	1	100	-	-	0	0	0	0	1095	Reg6	1	-	-	-
Trinitrobenzene[1,3,5-]	SW-846:8321A_MOD	ug/L	26	0	0	*0.325*	*0.325*	*0.325*	26	100	-	-	0	0	0	0	1095	Reg6	5	-	-	-
Trinitrobenzene[1,3,5-]	SW-846:8330	ug/L	1	0	0	*0.325*	*0.325*	*0.325*	1	100	-	-	0	0	0	0	1095	Reg6	1	-	-	-
Trinitrotoluene[2,4,6-]	SW-846:8321A(M)	ug/L	1	0	0	*0.104*	*0.104*	*0.104*	1	100	-	-	0	0	0	0	22.41051	Reg6	1	-	-	-
Trinitrotoluene[2,4,6-]	SW-846:8321A_MOD	ug/L	26	0	0	*0.325*	*0.325*	*0.325*	26	100	-	-	0	0	0	0	22.41051	Reg6	5	-	-	-
Trinitrotoluene[2,4,6-]	SW-846:8330	ug/L	1	0	0	*0.162*	*0.162*	*0.162*	1	100	-	-	0	0	0	0	22.41051	Reg6	1	-	-	-
Tris (o-cresyl) phosphate	SW-846:8321A_MOD	ug/L	25	0	0	*1.3*	*1.3*	*1.3*	25	100	-	-	0	0	0	0	-	-	5	-	-	-
Pajarito, High Explosives, UF, Regional																						
2,4-Diamino-6-nitrotoluene	SW-846:8321A_MOD	ug/L	60	1	2	0.409	0.409	0.409	59	98	-	-	0	0	0	0	-	-	6	-	-	-
2,6-Diamino-4-nitrotoluene	SW-846:8321A_MOD	ug/L	59	2	3	0.212	0.2325	0.253	57	97	-	-	0	0	0	0	-	-	6	-	-	-
3,5-Dinitroaniline	SW-846:8321A_MOD	ug/L	60	0	0	*1.3*	*1.3*	*1.3*	60	100	-	-	0	0	0	0	-	-	6	-	-	-
Amino-2,6-dinitrotoluene[4-]	SW-846:8321A(M)	ug/L	6	0	0	*0.104*	*0.30183*	*0.571*	6	100	-	-	0	0	0	0	-	-	2	-	-	-
Amino-2,6-dinitrotoluene[4-]	SW-846:8321A_MOD	ug/L	60	0	0	*0.325*	*0.325*	*0.325*	60	100	-	-	0	0	0	0	-	-	6	-	-	-
Amino-2,6-dinitrotoluene[4-]	SW-846:8330	ug/L	47	1	2	0.42	0.42	0.42	46	98	-	-	0	0	0	0	-	-	6	-	-	-
Amino-4,6-dinitrotoluene[2-]	SW-846:8321A(M)	ug/L	2	0	0	*0.104*	*0.104*	*0.104*	2	100	-	-	0	0	0	0	-	-	2	-	-	-
Amino-4,6-dinitrotoluene[2-]	SW-846:8321A_MOD	ug/L	60	0	0	*0.325*	*0.325*	*0.325*	60	100	-	-	0	0	0	0	-	-	6	-	-	-
Amino-4,6-dinitrotoluene[2-]	SW-846:8330	ug/L	47	1	2	0.51	0.51	0.51	46	98	-	-	0	0	0	0	-	-	6	-	-	-
Dinitrobenzene[1,3-]	SW-846:8321A(M)	ug/L	6	0	0	*0.104*	*0.16517*	*0.471*	6	100	-	-	0	0	0	0	3.65	Reg6	2	-	-	-
Dinitrobenzene[1,3-]	SW-846:8321A_MOD	ug/L	60	0	0	*0.325*	*0.325*	*0.325*	60	100	-	-	0	0	0	0	3.65	Reg6	6	-	-	-
Dinitrobenzene[1,3-]	SW-846:8330	ug/L	47	0	0	*0.1*	*0.6174*	*0.97*	47	100	-	-	0	0	0	0	3.65	Reg6	6	-	-	-
Dinitrotoluene[2,4-]	SW-846:8321A(M)	ug/L	6	0	0	*0.104*	*0.16517*	*0.471*	6	100	-	-	0	0	0	0	-	-	2	-	-	-
Dinitrotoluene[2,4-]	SW-846:8321A_MOD	ug/L	60	0	0	*0.325*	*0.325*	*0.325*	60	100	-	-	0	0	0	0	-	-	6	-	-	-
Dinitrotoluene[2,4-]	SW-846:8330	ug/L	47	0	0	*0.03*	*0.61464*	*0.97*	47	100	-	-	0	0	0	0	-	-	6	-	-	-
Dinitrotoluene[2,6-]	SW-846:8321A(M)	ug/L	6	0	0	*0.104*	*0.16517*	*0.471*	6	100	-	-	0	0	0	0	-	-	2	-	-	-
Dinitrotoluene[2,6-]	SW-846:8321A_MOD	ug/L	60	0	0	*0.325*	*0.325*	*0.325*	60	100	-	-	0	0	0	0	-	-	6	-	-	-
Dinitrotoluene[2,6-]	SW-846:8330	ug/L	47	0	0	*0.1*	*0.39174*	*0.9*	47	100	-	-	0	0	0	0	-	-	6	-	-	-
DNX	SW-846:8330	ug/L	54	0	0	*0.069*	*0.43615*	*0.5*	54	100	-	-	0	0	0	0	-	-	6	-	-	-
HMX	SW-846:8321A(M)	ug/L	6	0	0	*0.104*	*0.16517*	*0.471*	6	100	-	-	0	0	0	0	1825	Reg6	2	-	-	-
HMX	SW-846:8321A_MOD	ug/L	60	0	0	*0.325*	*0.325*	*0.325*	60	100	-	-	0	0	0	0	1825	Reg6	6	-	-	-
HMX	SW-846:8330	ug/L	47	1	2	0.88	0.88	0.88	46	98	-	-	0	0	0	0	1825	Reg6	6	-	-	-
MNX	SW-846:8330	ug/L	54	0	0	*0.091*	*0.43941*	*0.5*	54	100	-	-	0	0	0	0	-	-	6	-	-	-
Nitrobenzene	SW-846:8321A(M)	ug/L	6	0	0	*0.104*	*0.16517*	*0.471*	6	100	-	-	0	0	0	0	-	-	2	-	-	-
Nitrobenzene	SW-846:8321A_MOD	ug/L	60	0	0	*0.325*	*0.325*	*0.325*	60	100	-	-	0	0	0	0	-	-	6	-	-	-
Nitrobenzene	SW-846:8330	ug/L	46	1	2	0.0196	0.0196	0.0196	45	98	-	-	0	0	0	0	-	-	6	-	-	-
Nitrotoluene[2-]	SW-846:8321A(M)	ug/L	6	0	0	*0.104*	*0.16517*	*0.471*	6	100	-	-	0	0	0	0	2.92311	Reg6	2	-	-	-
Nitrotoluene[2-]	SW-846:8321A_MOD	ug/L	60	0	0	*0.325*	*0.325*	*0.325*	60	100	-	-	0	0	0	0	2.92311	Reg6	6	-	-	-
Nitrotoluene[2-]	SW-846:8330	ug/L	47	0	0	*0.05*	*0.34089*	*0.65*	47	100	-	-	0	0	0	0	2.92311	Reg6	6	-	-	-
Nitrotoluene[3-]	SW-846:8321A(M)	ug/L	6	0	0	*0.104*	*0.16517*	*0.471*	6	100	-	-	0	0	0	0	121.6667	Reg6	2	-	-	-
Nitrotoluene[3-]	SW-846:8321A_MOD	ug/L	60	0	0	*0.325*	*0.325*	*0.325*	60	100	-	-	0	0	0	0	121.6667	Reg6	6	-	-	-
Nitrotoluene[3-]	SW-846:8330	ug/L	47	0	0	*0.1*	*0.63443*	*0.97*	47	100	-	-	0	0	0	0	121.6667	Reg6	6	-	-	-
Nitrotoluene[4-]	SW-846:8321A(M)	ug/L	6	0	0	*0.104*	*0.16517*	*0.471*	6	100	-	-	0	0	0	0	39.54796	Reg6	2	-	-	-
Nitrotoluene[4-]	SW-846:8321A_MOD	ug/L	60	0	0	*0.649*	*0.649*	*0.649*	60	100	-	-	0	0	0	0	39.54796	Reg6	6	-	-	-
Nitrotoluene[4-]	SW-846:8330	ug/L	47	0	0	*0.05*	*0.61634*	*0.97*	47	100	-	-	0	0	0	0	39.54796	Reg6	6	-	-	-
PETN	SW-846:8321A_MOD	ug/L	60	0	0	*1.3*	*1.3*	*1.3*	60	100	-	-	0	0	0	0	-	-	6	-	-	-
RDX	SW-846:8321A(M)	ug/L	6	0	0	*0.104*	*0.16517*	*0.471*	6	100	-	-	0	0	0	0	6.111958	Reg6	2	-	-	-
RDX	SW-846:8321A_MOD	ug/L	60	8	13	0.134	0.17725	0.246	52	87	-	-	0	0	0	0	6.111958	Reg6	6	-	-	-
RDX	SW-846:8330	ug/L	45	1	2	0.34	0.34	0.34	44	98	-	-	0	0	0	0	6.111958	Reg6	6	-	-	-
TATB	SW-846:8321A_MOD	ug/L	60	0	0	*1.3*	*1.3*	*1.3*	60	100	-	-	0	0	0	0	-	-	6	-	-	-
Tetryl	SW-846:8321A(M)	ug/L	6	0	0	*0.104*	*0.16517*	*0.471*	6	100	-	-	0	0	0	0	146	Reg6	2	-	-	-
Tetryl	SW-846:8321A_MOD	ug/L	57	0	0	*0.649*	*0.649*	*0.649*	57	100	-	-	0	0	0	0	146	Reg6	6	-	-	-
Tetryl	SW-846:8330	ug/L	46	0	0	*0.1*	*0.9343*	*1.5*	46	100	-	-	0	0	0	0	146	Reg6	6	-	-	-
TNX	SW-846:8330	ug/L	54	0	0	*0.082*	*0.43807*	*0.5*	54	100	-	-	0	0	0	0	-	-	6	-	-	-
Trinitrobenzene[1,3,5-]	SW-846:8321A(M)	ug/L	6	0	0	*0.104*	*0.16517*	*0.471*	6	100	-	-	0	0	0	0	1095	Reg6	2	-	-	-
Trinitrobenzene[1,3,5-]	SW-846:8321A_MOD	ug/L	60	0	0	*0.325*	*0.325*	*0.325*	60	100	-	-	0	0	0	0	1095	Reg6	6	-	-	-
Trinitrobenzene[1,3,5-]	SW-846:8330	ug/L	46	0	0	*0.1*	*0.62857*	*0.97*	46	100	-	-	0	0	0	0	1095	Reg6	6	-	-	-
Trinitrotoluene[2,4,6-]	SW-846:8321A(M)	ug/L	6	0	0	*0.104*	*0.16517*	*0.471*	6	100	-	-	0	0	0	0	22.41051	Reg6	2	-	-	-
Trinitrotoluene[2,4,6-]	SW-846:8321A_MOD	ug/L	60	0	0	*0.325*	*0.325*	*0.325*	60	100	-	-	0	0	0	0	22.41051	Reg6	6	-	-	-

Table B-4
Screening Table for Pajarito Canyon Watershed (including Twomile and Threemile Canyons)

Analyte	Method	Units	No. of Analyses	No. of Detects	D Rate %	Min	Mean	Max	No. of Non-detects	ND Rate %	BV	D> BV	ND> Std	D> Std	D> Std/2	D>Std/2 Rate %	Level	Std Type	Locations with Data (number)	D>Std (number of locations)	D>Std/2 (number of locations)	D>Std Stations
Trinitrotoluene[2,4,6-]	SW-846:8330	ug/L	47	0	0	*0.1*	*0.4226*	*3.4*	47	100	-	-	0	0	0	0	22.41051	Reg6	6	-	-	-
Tris (o-cresyl) phosphate	SW-846:8321A_MOD	ug/L	50	0	0	*1.3*	*1.3*	*1.3*	50	100	-	-	0	0	0	0	-	-	6	-	-	-
Pajarito, Pesticides/PCBs, UF, Ephemeral																						
Aldrin	SW-846:8081A	ug/L	13	0	0	*0.0204*	*0.02124*	*0.0227*	13	100	-	-	13	0	0	0	0.0005	HHEU	3	-	-	-
Aroclor-1016	EPA:608	ug/L	2	0	0	*0.1*	*0.11*	*0.12*	2	100	-	-	2	0	0	0	0.00064	HHEU	1	-	-	-
Aroclor-1016	SW-846:8082	ug/L	13	0	0	*0.1*	*0.105*	*0.114*	13	100	-	-	13	0	0	0	0.00064	HHEU	3	-	-	-
Aroclor-1221	EPA:608	ug/L	2	0	0	*0.1*	*0.11*	*0.12*	2	100	-	-	2	0	0	0	0.00064	HHEU	1	-	-	-
Aroclor-1221	SW-846:8082	ug/L	13	0	0	*0.1*	*0.105*	*0.114*	13	100	-	-	13	0	0	0	0.00064	HHEU	3	-	-	-
Aroclor-1232	EPA:608	ug/L	2	0	0	*0.1*	*0.11*	*0.12*	2	100	-	-	2	0	0	0	0.00064	HHEU	1	-	-	-
Aroclor-1232	SW-846:8082	ug/L	13	0	0	*0.1*	*0.105*	*0.114*	13	100	-	-	13	0	0	0	0.00064	HHEU	3	-	-	-
Aroclor-1242	EPA:608	ug/L	2	0	0	*0.1*	*0.11*	*0.12*	2	100	-	-	2	0	0	0	0.00064	HHEU	1	-	-	-
Aroclor-1242	SW-846:8082	ug/L	13	0	0	*0.1*	*0.105*	*0.114*	13	100	-	-	13	0	0	0	0.00064	HHEU	3	-	-	-
Aroclor-1248	EPA:608	ug/L	2	0	0	*0.1*	*0.11*	*0.12*	2	100	-	-	2	0	0	0	0.00064	HHEU	1	-	-	-
Aroclor-1248	SW-846:8082	ug/L	13	0	0	*0.1*	*0.105*	*0.114*	13	100	-	-	13	0	0	0	0.00064	HHEU	3	-	-	-
Aroclor-1254	EPA:608	ug/L	2	0	0	*0.1*	*0.11*	*0.12*	2	100	-	-	2	0	0	0	0.00064	HHEU	1	-	-	-
Aroclor-1254	SW-846:8082	ug/L	13	0	0	*0.1*	*0.105*	*0.114*	13	100	-	-	13	0	0	0	0.00064	HHEU	3	-	-	-
Aroclor-1260	EPA:608	ug/L	2	0	0	*0.1*	*0.11*	*0.12*	2	100	-	-	2	0	0	0	0.00064	HHEU	1	-	-	-
Aroclor-1260	SW-846:8082	ug/L	13	1	8	0.046	0.046	0.046	12	92	-	-	12	1	1	8	0.00064	HHEU	3	1	1	Pajarito above Twomile
Aroclor-1262	EPA:608	ug/L	1	0	0	*0.1*	*0.1*	*0.1*	1	100	-	-	1	0	0	0	0.00064	HHEU	1	-	-	-
Aroclor-1262	SW-846:8082	ug/L	13	0	0	*0.1*	*0.105*	*0.114*	13	100	-	-	13	0	0	0	0.00064	HHEU	3	-	-	-
BHC[alpha-]	SW-846:8081A	ug/L	13	0	0	*0.0204*	*0.02124*	*0.0227*	13	100	-	-	0	0	0	0	-	-	3	-	-	-
BHC[beta-]	SW-846:8081A	ug/L	13	0	0	*0.0204*	*0.02124*	*0.0227*	13	100	-	-	0	0	0	0	-	-	3	-	-	-
BHC[delta-]	SW-846:8081A	ug/L	13	0	0	*0.0204*	*0.02124*	*0.0227*	13	100	-	-	0	0	0	0	-	-	3	-	-	-
BHC[gamma-]	SW-846:8081A	ug/L	13	0	0	*0.0204*	*0.02124*	*0.0227*	13	100	-	-	0	0	0	0	0.95	AqAcU	3	-	-	-
Chlordane[alpha-]	SW-846:8081A	ug/L	13	0	0	*0.0204*	*0.02124*	*0.0227*	13	100	-	-	0	0	0	0	-	-	3	-	-	-
Chlordane[gamma-]	SW-846:8081A	ug/L	13	0	0	*0.0204*	*0.02124*	*0.0227*	13	100	-	-	0	0	0	0	-	-	3	-	-	-
DDD[4,4'-]	SW-846:8081A	ug/L	13	0	0	*0.0408*	*0.04251*	*0.0455*	13	100	-	-	13	0	0	0	0.0022	HHEU	3	-	-	-
DDE[4,4'-]	SW-846:8081A	ug/L	13	0	0	*0.0408*	*0.04251*	*0.0455*	13	100	-	-	13	0	0	0	0.0022	HHEU	3	-	-	-
DDT[4,4'-]	SW-846:8081A	ug/L	13	0	0	*0.0408*	*0.04251*	*0.0455*	13	100	-	-	13	0	0	0	0.0022	HHEU	3	-	-	-
Dieldrin	SW-846:8081A	ug/L	13	0	0	*0.0408*	*0.04251*	*0.0455*	13	100	-	-	13	0	0	0	0.00054	HHEU	3	-	-	-
Endosulfan I	SW-846:8081A	ug/L	13	0	0	*0.0204*	*0.02124*	*0.0227*	13	100	-	-	0	0	0	0	0.22	AqAcU	3	-	-	-
Endosulfan II	SW-846:8081A	ug/L	13	0	0	*0.0408*	*0.04251*	*0.0455*	13	100	-	-	0	0	0	0	0.22	AqAcU	3	-	-	-
Endosulfan Sulfate	SW-846:8081A	ug/L	13	0	0	*0.0408*	*0.04251*	*0.0455*	13	100	-	-	0	0	0	0	-	-	3	-	-	-
Endrin	SW-846:8081A	ug/L	13	0	0	*0.0408*	*0.04251*	*0.0455*	13	100	-	-	0	0	0	0	0.086	AqAcU	3	-	-	-
Endrin Aldehyde	SW-846:8081A	ug/L	13	1	8	0.00941	0.00941	0.00941	12	92	-	-	0	0	0	0	-	-	3	-	-	-
Endrin Ketone	SW-846:8081A	ug/L	13	0	0	*0.0408*	*0.04251*	*0.0455*	13	100	-	-	0	0	0	0	-	-	3	-	-	-
Heptachlor	SW-846:8081A	ug/L	13	0	0	*0.0204*	*0.02124*	*0.0227*	13	100	-	-	0	0	0	0	0.52	AqAcU	3	-	-	-
Heptachlor Epoxide	SW-846:8081A	ug/L	13	0	0	*0.0204*	*0.02124*	*0.0227*	13	100	-	-	0	0	0	0	0.52	AqAcU	3	-	-	-
Methoxychlor[4,4'-]	SW-846:8081A	ug/L	13	0	0	*0.204*	*0.21238*	*0.227*	13	100	-	-	0	0	0	0	-	-	3	-	-	-
Toxaphene (Technical Grade)	SW-846:8081A	ug/L	13	0	0	*0.51*	*0.53123*	*0.568*	13	100	-	-	0	0	0	0	0.73	AqAcU	3	-	-	-
Pajarito, Pesticides/PCBs, UF, Perennial																						
Aldrin	SW-846:8081A	ug/L	13	0	0	*0.0202*	*0.02088*	*0.0222*	13	100	-	-	13	0	0	0	0.0005	HHPU	2	-	-	-
Aroclor-1016	SW-846:8082	ug/L	13	0	0	*0.1*	*0.10523*	*0.114*	13	100	-	-	13	0	0	0	0.00064	HHPU	2	-	-	-
Aroclor-1221	SW-846:8082	ug/L	13	0	0	*0.1*	*0.10523*	*0.114*	13	100	-	-	13	0	0	0	0.00064	HHPU	2	-	-	-
Aroclor-1232	SW-846:8082	ug/L	13	0	0	*0.1*	*0.10523*	*0.114*	13	100	-	-	13	0	0	0	0.00064	HHPU	2	-	-	-
Aroclor-1242	SW-846:8082	ug/L	13	0	0	*0.1*	*0.10523*	*0.114*	13	100	-	-	13	0	0	0	0.00064	HHPU	2	-	-	-
Aroclor-1248	SW-846:8082	ug/L	13	0	0	*0.1*	*0.10523*	*0.114*	13	100	-	-	13	0	0	0	0.00064	HHPU	2	-	-	-
Aroclor-1254	SW-846:8082	ug/L	13	0	0	*0.1*	*0.10523*	*0.114*	13	100	-	-	13	0	0	0	0.00064	HHPU	2	-	-	-
Aroclor-1260	SW-846:8082	ug/L	13	0	0	*0.1*	*0.10523*	*0.114*	13	100	-	-	13	0	0	0	0.00064	HHPU	2	-	-	-
Aroclor-1262	SW-846:8082	ug/L	13	0	0	*0.1*	*0.10523*	*0.114*	13	100	-	-	13	0	0	0	0.00064	HHPU	2	-	-	-
BHC[alpha-]	SW-846:8081A	ug/L	13	0	0	*0.0202*	*0.02088*	*0.0222*	13	100	-	-	0	0	0	0	0.049	HHPU	2	-	-	-
BHC[beta-]	SW-846:8081A	ug/L	13	0	0	*0.0202*	*0.02088*	*0.0222*	13	100	-	-	0	0	0	0	0.17	HHPU	2	-	-	-
BHC[delta-]	SW-846:8081A	ug/L	13	0	0	*0.0202*	*0.02088*	*0.0222*	13	100	-	-	0	0	0	0	-	-	2	-	-	-
BHC[gamma-]	SW-846:8081A	ug/L	13	0	0	*0.0202*	*0.02088*	*0.0222*	13	100	-	-	0	0	0	0	0.63	HHPU	2	-	-	-
Chlordane[alpha-]	SW-846:8081A	ug/L	13	0	0	*0.0202*	*0.02088*	*0.0222*	13	100	-	-	0	0	0	0	-	-	2	-	-	-

Table B-4
Screening Table for Pajarito Canyon Watershed (including Twomile and Threemile Canyons)

Analyte	Method	Units	No. of Analyses	No. of Detects	D Rate %	Min	Mean	Max	No. of Non-detects	ND Rate %	BV	D> BV	ND> Std	D> Std	D> Std/2	D>Std/2 Rate %	Level	Std Type	Locations with Data (number)	D>Std (number of locations)	D>Std/2 (number of locations)	D>Std Stations
Chlordane[gamma-]	SW-846:8081A	ug/L	13	0	0	0.0202	0.02088	0.0222	13	100	-	-	0	0	0	0	-	-	2	-	-	-
DDD[4,4'-]	SW-846:8081A	ug/L	13	0	0	0.0404	0.04179	0.0444	13	100	-	-	13	0	0	0	0.0022	HHPU	2	-	-	-
DDE[4,4'-]	SW-846:8081A	ug/L	13	0	0	0.0404	0.04179	0.0444	13	100	-	-	13	0	0	0	0.0022	HHPU	2	-	-	-
DDT[4,4'-]	SW-846:8081A	ug/L	13	0	0	0.0404	0.04179	0.0444	13	100	-	-	13	0	0	0	0.0022	HHPU	2	-	-	-
Dieldrin	SW-846:8081A	ug/L	13	0	0	0.0404	0.04179	0.0444	13	100	-	-	13	0	0	0	0.00054	HHPU	2	-	-	-
Endosulfan I	SW-846:8081A	ug/L	13	0	0	0.0202	0.02088	0.0222	13	100	-	-	0	0	0	0	0.22	AqAcU	2	-	-	-
Endosulfan II	SW-846:8081A	ug/L	13	0	0	0.0404	0.04179	0.0444	13	100	-	-	0	0	0	0	0.22	AqAcU	2	-	-	-
Endosulfan Sulfate	SW-846:8081A	ug/L	13	0	0	0.0404	0.04179	0.0444	13	100	-	-	0	0	0	0	89	HHPU	2	-	-	-
Endrin	SW-846:8081A	ug/L	13	0	0	0.0404	0.04179	0.0444	13	100	-	-	0	0	0	0	0.086	AqAcU	2	-	-	-
Endrin Aldehyde	SW-846:8081A	ug/L	13	0	0	0.0404	0.04179	0.0444	13	100	-	-	0	0	0	0	0.3	HHPU	2	-	-	-
Endrin Ketone	SW-846:8081A	ug/L	13	0	0	0.0404	0.04179	0.0444	13	100	-	-	0	0	0	0	-	-	2	-	-	-
Heptachlor	SW-846:8081A	ug/L	13	0	0	0.0202	0.02088	0.0222	13	100	-	-	13	0	0	0	0.00079	HHPU	2	-	-	-
Heptachlor Epoxide	SW-846:8081A	ug/L	13	0	0	0.0202	0.02088	0.0222	13	100	-	-	13	0	0	0	0.00039	HHPU	2	-	-	-
Methoxychlor[4,4'-]	SW-846:8081A	ug/L	13	0	0	0.202	0.20885	0.222	13	100	-	-	0	0	0	0	-	-	2	-	-	-
Toxaphene (Technical Grade)	SW-846:8081A	ug/L	13	0	0	0.505	0.52238	0.556	13	100	-	-	13	0	0	0	0.0028	HHPU	2	-	-	-
Pajarito, Pesticides/PCBs, UF, Springs																						
Aldrin	SW-846:8081A	ug/L	62	0	0	0.00582	0.02239	0.103	62	100	-	-	1	0	0	0	0.03954796	Reg6	10	-	-	-
Aroclor-1016	SW-846:8082	ug/L	62	0	0	0.1	0.10661	0.13	62	100	-	-	0	0	0	0	0.5	MCL	10	-	-	-
Aroclor-1221	SW-846:8082	ug/L	62	0	0	0.1	0.10661	0.13	62	100	-	-	0	0	0	0	0.5	MCL	10	-	-	-
Aroclor-1232	SW-846:8082	ug/L	62	0	0	0.1	0.10661	0.13	62	100	-	-	0	0	0	0	0.5	MCL	10	-	-	-
Aroclor-1242	SW-846:8082	ug/L	62	0	0	0.1	0.10661	0.13	62	100	-	-	0	0	0	0	0.5	MCL	10	-	-	-
Aroclor-1248	SW-846:8082	ug/L	62	0	0	0.1	0.10661	0.13	62	100	-	-	0	0	0	0	0.5	MCL	10	-	-	-
Aroclor-1254	SW-846:8082	ug/L	62	0	0	0.1	0.10661	0.13	62	100	-	-	0	0	0	0	0.5	MCL	10	-	-	-
Aroclor-1260	SW-846:8082	ug/L	62	1	2	0.061	0.061	0.061	61	98	-	-	0	0	0	0	0.5	MCL	10	-	-	-
Aroclor-1262	SW-846:8082	ug/L	62	0	0	0.1	0.10661	0.13	62	100	-	-	0	0	0	0	0.5	MCL	10	-	-	-
BHC[alpha-]	SW-846:8081A	ug/L	62	0	0	0.02	0.02262	0.103	62	100	-	-	0	0	0	0	0.1067167	Reg6	10	-	-	-
BHC[beta-]	SW-846:8081A	ug/L	62	0	0	0.02	0.02262	0.103	62	100	-	-	0	0	0	0	0.3735085	Reg6	10	-	-	-
BHC[delta-]	SW-846:8081A	ug/L	62	0	0	0.02	0.02262	0.103	62	100	-	-	0	0	0	0	-	-	10	-	-	-
BHC[gamma-]	SW-846:8081A	ug/L	62	0	0	0.02	0.02262	0.103	62	100	-	-	0	0	0	0	0.2	MCL	10	-	-	-
Chlordane[alpha-]	SW-846:8081A	ug/L	62	0	0	0.02	0.02262	0.103	62	100	-	-	0	0	0	0	-	-	10	-	-	-
Chlordane[gamma-]	SW-846:8081A	ug/L	62	0	0	0.00723	0.02241	0.103	62	100	-	-	0	0	0	0	-	-	10	-	-	-
DDD[4,4'-]	SW-846:8081A	ug/L	62	0	0	0.04	0.04527	0.206	62	100	-	-	0	0	0	0	2.801314	Reg6	10	-	-	-
DDE[4,4'-]	SW-846:8081A	ug/L	62	0	0	0.04	0.04527	0.206	62	100	-	-	0	0	0	0	1.977398	Reg6	10	-	-	-
DDT[4,4'-]	SW-846:8081A	ug/L	62	0	0	0.04	0.04527	0.206	62	100	-	-	0	0	0	0	1.977398	Reg6	10	-	-	-
Dieldrin	SW-846:8081A	ug/L	62	0	0	0.04	0.04527	0.206	62	100	-	-	31	0	0	0	0.04201971	Reg6	10	-	-	-
Endosulfan I	SW-846:8081A	ug/L	62	0	0	0.02	0.02262	0.103	62	100	-	-	0	0	0	0	-	-	10	-	-	-
Endosulfan II	SW-846:8081A	ug/L	62	0	0	0.04	0.04527	0.206	62	100	-	-	0	0	0	0	-	-	10	-	-	-
Endosulfan Sulfate	SW-846:8081A	ug/L	62	0	0	0.04	0.04527	0.206	62	100	-	-	0	0	0	0	-	-	10	-	-	-
Endrin	SW-846:8081A	ug/L	62	0	0	0.04	0.04527	0.206	62	100	-	-	0	0	0	0	2	MCL	10	-	-	-
Endrin Aldehyde	SW-846:8081A	ug/L	62	0	0	0.04	0.04527	0.206	62	100	-	-	0	0	0	0	-	-	10	-	-	-
Endrin Ketone	SW-846:8081A	ug/L	62	0	0	0.04	0.04527	0.206	62	100	-	-	0	0	0	0	-	-	10	-	-	-
Heptachlor	SW-846:8081A	ug/L	62	0	0	0.02	0.02262	0.103	62	100	-	-	0	0	0	0	0.4	MCL	10	-	-	-
Heptachlor Epoxide	SW-846:8081A	ug/L	62	0	0	0.02	0.02262	0.103	62	100	-	-	0	0	0	0	0.2	MCL	10	-	-	-
Methoxychlor[4,4'-]	SW-846:8081A	ug/L	62	0	0	0.2	0.22624	1.03	62	100	-	-	0	0	0	0	40	MCL	10	-	-	-
Toxaphene (Technical Grade)	SW-846:8081A	ug/L	62	0	0	0.5	0.62352	2.58	62	100	-	-	0	0	0	0	3	MCL	10	-	-	-
Pajarito, Pesticides/PCBs, UF, Alluvial																						
Aldrin	SW-846:8081A	ug/L	32	0	0	0.0196	0.02065	0.0233	32	100	-	-	0	0	0	0	0.03954796	Reg6	6	-	-	-
Aroclor-1016	SW-846:8082	ug/L	32	0	0	0.098	0.10478	0.111	32	100	-	-	0	0	0	0	0.5	MCL	6	-	-	-
Aroclor-1221	SW-846:8082	ug/L	32	0	0	0.098	0.10478	0.111	32	100	-	-	0	0	0	0	0.5	MCL	6	-	-	-
Aroclor-1232	SW-846:8082	ug/L	32	0	0	0.098	0.10478	0.111	32	100	-	-	0	0	0	0	0.5	MCL	6	-	-	-
Aroclor-1242	SW-846:8082	ug/L	32	0	0	0.098	0.10478	0.111	32	100	-	-	0	0	0	0	0.5	MCL	6	-	-	-
Aroclor-1248	SW-846:8082	ug/L	32	0	0	0.098	0.10478	0.111	32	100	-	-	0	0	0	0	0.5	MCL	6	-	-	-
Aroclor-1254	SW-846:8082	ug/L	32	0	0	0.098	0.10478	0.111	32	100	-	-	0	0	0	0	0.5	MCL	6	-	-	-
Aroclor-1260	SW-846:8082	ug/L	32	1	3	0.098	0.098	0.098	31	97	-	-	0	0	0	0	0.5	MCL	6	-	-	-
Aroclor-1262	SW-846:8082	ug/L	32	0	0	0.098	0.10478	0.111	32	100	-	-	0	0	0	0	0.5	MCL	6	-	-	-
BHC[alpha-]	SW-846:8081A	ug/L	32	0	0	0.0196	0.02065	0.0233	32	100	-	-	0	0	0	0	0.1067167	Reg6	6	-	-	-

Table B-4
Screening Table for Pajarito Canyon Watershed (including Twomile and Threemile Canyons)

Analyte	Method	Units	No. of Analyses	No. of Detects	D Rate %	Min	Mean	Max	No. of Non-detects	ND Rate %	BV	D> BV	ND> Std	D> Std	D> Std/2	D>Std/2 Rate %	Level	Std Type	Locations with Data (number)	D>Std (number of locations)	D>Std/2 (number of locations)	D>Std Stations
BHC[beta-]	SW-846:8081A	ug/L	32	0	0	0.0196	0.02065	0.0233	32	100	-	-	0	0	0	0	0.3735085	Reg6	6	-	-	-
BHC[delta-]	SW-846:8081A	ug/L	32	0	0	0.0196	0.02065	0.0233	32	100	-	-	0	0	0	0	-	-	6	-	-	-
BHC[gamma-]	SW-846:8081A	ug/L	32	0	0	0.0196	0.02065	0.0233	32	100	-	-	0	0	0	0	0.2	MCL	6	-	-	-
Chlordane[alpha-]	SW-846:8081A	ug/L	32	0	0	0.0196	0.02065	0.0233	32	100	-	-	0	0	0	0	-	-	6	-	-	-
Chlordane[gamma-]	SW-846:8081A	ug/L	32	0	0	0.0196	0.02065	0.0233	32	100	-	-	0	0	0	0	-	-	6	-	-	-
DDD[4,4'-]	SW-846:8081A	ug/L	32	1	3	0.00636	0.00636	0.00636	31	97	-	-	0	0	0	0	2.801314	Reg6	6	-	-	-
DDE[4,4'-]	SW-846:8081A	ug/L	32	1	3	0.0103	0.0103	0.0103	31	97	-	-	0	0	0	0	1.977398	Reg6	6	-	-	-
DDT[4,4'-]	SW-846:8081A	ug/L	32	0	0	0.0392	0.04132	0.0465	32	100	-	-	0	0	0	0	1.977398	Reg6	6	-	-	-
Dieldrin	SW-846:8081A	ug/L	32	0	0	0.0392	0.04132	0.0465	32	100	-	-	8	0	0	0	0.04201971	Reg6	6	-	-	-
Endosulfan I	SW-846:8081A	ug/L	32	0	0	0.0196	0.02065	0.0233	32	100	-	-	0	0	0	0	-	-	6	-	-	-
Endosulfan II	SW-846:8081A	ug/L	32	0	0	0.0392	0.04132	0.0465	32	100	-	-	0	0	0	0	-	-	6	-	-	-
Endosulfan Sulfate	SW-846:8081A	ug/L	32	0	0	0.0392	0.04132	0.0465	32	100	-	-	0	0	0	0	-	-	6	-	-	-
Endrin	SW-846:8081A	ug/L	32	0	0	0.0392	0.04132	0.0465	32	100	-	-	0	0	0	0	2	MCL	6	-	-	-
Endrin Aldehyde	SW-846:8081A	ug/L	32	0	0	0.0392	0.04132	0.0465	32	100	-	-	0	0	0	0	-	-	6	-	-	-
Endrin Ketone	SW-846:8081A	ug/L	32	0	0	0.0392	0.04132	0.0465	32	100	-	-	0	0	0	0	-	-	6	-	-	-
Heptachlor	SW-846:8081A	ug/L	32	0	0	0.0196	0.02065	0.0233	32	100	-	-	0	0	0	0	0.4	MCL	6	-	-	-
Heptachlor Epoxide	SW-846:8081A	ug/L	32	0	0	0.0196	0.02065	0.0233	32	100	-	-	0	0	0	0	0.2	MCL	6	-	-	-
Methoxychlor[4,4'-]	SW-846:8081A	ug/L	32	0	0	0.196	0.20653	0.233	32	100	-	-	0	0	0	0	40	MCL	6	-	-	-
Toxaphene (Technical Grade)	SW-846:8081A	ug/L	32	0	0	0.49	0.51641	0.581	32	100	-	-	0	0	0	0	3	MCL	6	-	-	-
Pajarito, Pesticides/PCBs, UF, Intermediate																						
Aldrin	SW-846:8081A	ug/L	26	0	0	0.02	0.02106	0.0282	26	100	-	-	0	0	0	0	0.03954796	Reg6	4	-	-	-
Aroclor-1016	EPA:608	ug/L	1	0	0	0.1	0.1	0.1	1	100	-	-	0	0	0	0	0.5	MCL	1	-	-	-
Aroclor-1016	SW-846:8082	ug/L	26	0	0	0.1	0.10612	0.119	26	100	-	-	0	0	0	0	0.5	MCL	4	-	-	-
Aroclor-1221	EPA:608	ug/L	1	0	0	0.1	0.1	0.1	1	100	-	-	0	0	0	0	0.5	MCL	1	-	-	-
Aroclor-1221	SW-846:8082	ug/L	26	0	0	0.1	0.10612	0.119	26	100	-	-	0	0	0	0	0.5	MCL	4	-	-	-
Aroclor-1232	EPA:608	ug/L	1	0	0	0.1	0.1	0.1	1	100	-	-	0	0	0	0	0.5	MCL	1	-	-	-
Aroclor-1232	SW-846:8082	ug/L	26	0	0	0.1	0.10612	0.119	26	100	-	-	0	0	0	0	0.5	MCL	4	-	-	-
Aroclor-1242	EPA:608	ug/L	1	0	0	0.1	0.1	0.1	1	100	-	-	0	0	0	0	0.5	MCL	1	-	-	-
Aroclor-1242	SW-846:8082	ug/L	26	0	0	0.1	0.10612	0.119	26	100	-	-	0	0	0	0	0.5	MCL	4	-	-	-
Aroclor-1248	EPA:608	ug/L	1	0	0	0.1	0.1	0.1	1	100	-	-	0	0	0	0	0.5	MCL	1	-	-	-
Aroclor-1248	SW-846:8082	ug/L	26	0	0	0.1	0.10612	0.119	26	100	-	-	0	0	0	0	0.5	MCL	4	-	-	-
Aroclor-1254	EPA:608	ug/L	1	0	0	0.1	0.1	0.1	1	100	-	-	0	0	0	0	0.5	MCL	1	-	-	-
Aroclor-1254	SW-846:8082	ug/L	26	0	0	0.1	0.10612	0.119	26	100	-	-	0	0	0	0	0.5	MCL	4	-	-	-
Aroclor-1260	EPA:608	ug/L	1	0	0	0.1	0.1	0.1	1	100	-	-	0	0	0	0	0.5	MCL	1	-	-	-
Aroclor-1260	SW-846:8082	ug/L	26	0	0	0.1	0.10612	0.119	26	100	-	-	0	0	0	0	0.5	MCL	4	-	-	-
Aroclor-1262	EPA:608	ug/L	1	0	0	0.1	0.1	0.1	1	100	-	-	0	0	0	0	0.5	MCL	1	-	-	-
Aroclor-1262	SW-846:8082	ug/L	26	0	0	0.1	0.10612	0.119	26	100	-	-	0	0	0	0	0.5	MCL	4	-	-	-
BHC[alpha-]	SW-846:8081A	ug/L	26	0	0	0.02	0.02106	0.0282	26	100	-	-	0	0	0	0	0.1067167	Reg6	4	-	-	-
BHC[beta-]	SW-846:8081A	ug/L	26	0	0	0.02	0.02106	0.0282	26	100	-	-	0	0	0	0	0.3735085	Reg6	4	-	-	-
BHC[delta-]	SW-846:8081A	ug/L	26	0	0	0.02	0.02106	0.0282	26	100	-	-	0	0	0	0	-	-	4	-	-	-
BHC[gamma-]	SW-846:8081A	ug/L	26	0	0	0.02	0.02106	0.0282	26	100	-	-	0	0	0	0	0.2	MCL	4	-	-	-
Chlordane[alpha-]	SW-846:8081A	ug/L	26	0	0	0.02	0.02106	0.0282	26	100	-	-	0	0	0	0	-	-	4	-	-	-
Chlordane[gamma-]	SW-846:8081A	ug/L	26	0	0	0.02	0.02106	0.0282	26	100	-	-	0	0	0	0	-	-	4	-	-	-
DDD[4,4'-]	SW-846:8081A	ug/L	26	0	0	0.04	0.04214	0.0563	26	100	-	-	0	0	0	0	2.801314	Reg6	4	-	-	-
DDE[4,4'-]	SW-846:8081A	ug/L	26	0	0	0.04	0.04214	0.0563	26	100	-	-	0	0	0	0	1.977398	Reg6	4	-	-	-
DDT[4,4'-]	SW-846:8081A	ug/L	26	0	0	0.04	0.04214	0.0563	26	100	-	-	0	0	0	0	1.977398	Reg6	4	-	-	-
Dieldrin	SW-846:8081A	ug/L	26	0	0	0.04	0.04214	0.0563	26	100	-	-	8	0	0	0	0.04201971	Reg6	4	-	-	-
Endosulfan I	SW-846:8081A	ug/L	26	0	0	0.02	0.02106	0.0282	26	100	-	-	0	0	0	0	-	-	4	-	-	-
Endosulfan II	SW-846:8081A	ug/L	26	0	0	0.04	0.04214	0.0563	26	100	-	-	0	0	0	0	-	-	4	-	-	-
Endosulfan Sulfate	SW-846:8081A	ug/L	26	0	0	0.04	0.04214	0.0563	26	100	-	-	0	0	0	0	-	-	4	-	-	-
Endrin	SW-846:8081A	ug/L	26	0	0	0.04	0.04214	0.0563	26	100	-	-	0	0	0	0	2	MCL	4	-	-	-
Endrin Aldehyde	SW-846:8081A	ug/L	26	0	0	0.04	0.04214	0.0563	26	100	-	-	0	0	0	0	-	-	4	-	-	-
Endrin Ketone	SW-846:8081A	ug/L	26	0	0	0.04	0.04214	0.0563	26	100	-	-	0	0	0	0	-	-	4	-	-	-
Heptachlor	SW-846:8081A	ug/L	26	0	0	0.02	0.02106	0.0282	26	100	-	-	0	0	0	0	0.4	MCL	4	-	-	-
Heptachlor Epoxide	SW-846:8081A	ug/L	26	0	0	0.02	0.02106	0.0282	26	100	-	-	0	0	0	0	0.2	MCL	4	-	-	-
Methoxychlor[4,4'-]	SW-846:8081A	ug/L	26	0	0	0.2	0.21062	0.282	26	100	-	-	0	0	0	0	40	MCL	4	-	-	-
Toxaphene (Technical Grade)	SW-846:8081A	ug/L	26	0	0	0.5	0.52662	0.704	26	100	-	-	0	0	0	0	3	MCL	4	-	-	-

Table B-4
Screening Table for Pajarito Canyon Watershed (including Twomile and Threemile Canyons)

Analyte	Method	Units	No. of Analyses	No. of Detects	D Rate %	Min	Mean	Max	No. of Non-detects	ND Rate %	BV	D> BV	ND> Std	D> Std	D> Std/2	D>Std/2 Rate %	Level	Std Type	Locations with Data (number)	D>Std (number of locations)	D>Std/2 (number of locations)	D>Std Stations
Pajarito, Pesticides/PCBs, UF, Regional																						
Aldrin	SW-846:8081A	ug/L	113	0	0	*0.0196*	*0.02378*	*0.196*	113	100	-	-	4	0	0	0	0.03954796	Reg6	7	-	-	-
Aroclor-1016	EPA:608	ug/L	10	0	0	*0.098*	*0.1007*	*0.11*	10	100	-	-	0	0	0	0	0.5	MCL	2	-	-	-
Aroclor-1016	SW-846:8082	ug/L	114	0	0	*0.1*	*0.10658*	*0.2*	114	100	-	-	0	0	0	0	0.5	MCL	7	-	-	-
Aroclor-1221	EPA:608	ug/L	10	0	0	*0.098*	*0.1007*	*0.11*	10	100	-	-	0	0	0	0	0.5	MCL	2	-	-	-
Aroclor-1221	SW-846:8082	ug/L	114	0	0	*0.1*	*0.10658*	*0.2*	114	100	-	-	0	0	0	0	0.5	MCL	7	-	-	-
Aroclor-1232	EPA:608	ug/L	10	0	0	*0.098*	*0.1007*	*0.11*	10	100	-	-	0	0	0	0	0.5	MCL	2	-	-	-
Aroclor-1232	SW-846:8082	ug/L	114	0	0	*0.1*	*0.10658*	*0.2*	114	100	-	-	0	0	0	0	0.5	MCL	7	-	-	-
Aroclor-1242	EPA:608	ug/L	10	0	0	*0.098*	*0.1007*	*0.11*	10	100	-	-	0	0	0	0	0.5	MCL	2	-	-	-
Aroclor-1242	SW-846:8082	ug/L	114	1	1	0.17	0.17	0.17	113	99	-	-	0	0	0	0	0.5	MCL	7	-	-	-
Aroclor-1248	EPA:608	ug/L	10	0	0	*0.098*	*0.1007*	*0.11*	10	100	-	-	0	0	0	0	0.5	MCL	2	-	-	-
Aroclor-1248	SW-846:8082	ug/L	114	0	0	*0.1*	*0.10658*	*0.2*	114	100	-	-	0	0	0	0	0.5	MCL	7	-	-	-
Aroclor-1254	EPA:608	ug/L	10	0	0	*0.098*	*0.1007*	*0.11*	10	100	-	-	0	0	0	0	0.5	MCL	2	-	-	-
Aroclor-1254	SW-846:8082	ug/L	114	1	1	0.11	0.11	0.11	113	99	-	-	0	0	0	0	0.5	MCL	7	-	-	-
Aroclor-1260	EPA:608	ug/L	10	0	0	*0.098*	*0.1007*	*0.11*	10	100	-	-	0	0	0	0	0.5	MCL	2	-	-	-
Aroclor-1260	SW-846:8082	ug/L	114	0	0	*0.1*	*0.10658*	*0.2*	114	100	-	-	0	0	0	0	0.5	MCL	7	-	-	-
Aroclor-1262	EPA:608	ug/L	10	0	0	*0.098*	*0.1007*	*0.11*	10	100	-	-	0	0	0	0	0.5	MCL	2	-	-	-
Aroclor-1262	SW-846:8082	ug/L	75	0	0	*0.1*	*0.10819*	*0.2*	75	100	-	-	0	0	0	0	0.5	MCL	7	-	-	-
BHC[alpha-]	SW-846:8081A	ug/L	113	0	0	*0.0196*	*0.02376*	*0.196*	113	100	-	-	1	0	0	0	0.1067167	Reg6	7	-	-	-
BHC[beta-]	SW-846:8081A	ug/L	114	0	0	*0.0196*	*0.02373*	*0.196*	114	100	-	-	0	0	0	0	0.3735085	Reg6	7	-	-	-
BHC[delta-]	SW-846:8081A	ug/L	114	0	0	*0.0196*	*0.02373*	*0.196*	114	100	-	-	0	0	0	0	-	-	7	-	-	-
BHC[gamma-]	SW-846:8081A	ug/L	114	0	0	*0.0196*	*0.02373*	*0.196*	114	100	-	-	0	0	0	0	0.2	MCL	7	-	-	-
Chlordane[alpha-]	SW-846:8081A	ug/L	114	0	0	*0.0196*	*0.02373*	*0.196*	114	100	-	-	0	0	0	0	-	-	7	-	-	-
Chlordane[gamma-]	SW-846:8081A	ug/L	114	0	0	*0.0196*	*0.02373*	*0.196*	114	100	-	-	0	0	0	0	-	-	7	-	-	-
DDD[4,4'-]	SW-846:8081A	ug/L	113	2	2	0.00609	0.00764	0.00918	111	98	-	-	0	0	0	0	2.801314	Reg6	7	-	-	-
DDE[4,4'-]	SW-846:8081A	ug/L	112	3	3	0.00578	0.01119	0.0199	109	97	-	-	0	0	0	0	1.977398	Reg6	7	-	-	-
DDT[4,4'-]	SW-846:8081A	ug/L	108	3	3	0.0088	0.0112	0.0148	105	97	-	-	0	0	0	0	1.977398	Reg6	7	-	-	-
Dieldrin	SW-846:8081A	ug/L	113	0	0	*0.0392*	*0.04751*	*0.392*	113	100	-	-	53	0	0	0	0.04201971	Reg6	7	-	-	-
Endosulfan I	SW-846:8081A	ug/L	114	0	0	*0.0196*	*0.02373*	*0.196*	114	100	-	-	0	0	0	0	-	-	7	-	-	-
Endosulfan II	SW-846:8081A	ug/L	114	0	0	*0.0392*	*0.04747*	*0.392*	114	100	-	-	0	0	0	0	-	-	7	-	-	-
Endosulfan Sulfate	SW-846:8081A	ug/L	114	3	3	0.0103	0.01277	0.0175	111	97	-	-	0	0	0	0	-	-	7	-	-	-
Endrin	SW-846:8081A	ug/L	113	0	0	*0.0392*	*0.04751*	*0.392*	113	100	-	-	0	0	0	0	2	MCL	7	-	-	-
Endrin Aldehyde	SW-846:8081A	ug/L	112	1	1	0.0334	0.0334	0.0334	111	99	-	-	0	0	0	0	-	-	7	-	-	-
Endrin Ketone	SW-846:8081A	ug/L	113	2	2	0.00802	0.009	0.00998	111	98	-	-	0	0	0	0	-	-	7	-	-	-
Heptachlor	SW-846:8081A	ug/L	114	0	0	*0.0196*	*0.02373*	*0.196*	114	100	-	-	0	0	0	0	0.4	MCL	7	-	-	-
Heptachlor Epoxide	SW-846:8081A	ug/L	114	0	0	*0.0196*	*0.02373*	*0.196*	114	100	-	-	0	0	0	0	0.2	MCL	7	-	-	-
Methoxychlor[4,4'-]	SW-846:8081A	ug/L	112	0	0	*0.196*	*0.2391*	*1.96*	112	100	-	-	0	0	0	0	40	MCL	7	-	-	-
Toxaphene (Technical Grade)	SW-846:8081A	ug/L	114	0	0	*0.49*	*0.78685*	*4.9*	114	100	-	-	1	0	0	0	3	MCL	7	-	-	-
Pajarito, SVOA, UF, Ephemeral																						
Acenaphthene	SW-846:8270C	ug/L	14	0	0	*0.99*	*1.07214*	*1.19*	14	100	-	-	0	0	0	0	-	-	4	-	-	-
Acenaphthylene	SW-846:8270C	ug/L	14	0	0	*0.99*	*1.07214*	*1.19*	14	100	-	-	0	0	0	0	-	-	4	-	-	-
Aniline	SW-846:8270C	ug/L	14	0	0	*9.9*	*10.7214*	*11.9*	14	100	-	-	0	0	0	0	-	-	4	-	-	-
Anthracene	SW-846:8270C	ug/L	14	0	0	*0.99*	*1.07214*	*1.19*	14	100	-	-	0	0	0	0	-	-	4	-	-	-
Atrazine	SW-846:8270C	ug/L	14	0	0	*9.9*	*10.7214*	*11.9*	14	100	-	-	0	0	0	0	-	-	4	-	-	-
Azobenzene	SW-846:8270C	ug/L	14	0	0	*9.9*	*10.7214*	*11.9*	14	100	-	-	0	0	0	0	-	-	4	-	-	-
Benzidine	SW-846:8270C	ug/L	5	0	0	*10.4*	*18.6*	*49.5*	5	100	-	-	0	0	0	0	-	-	4	-	-	-
Benzo(a)anthracene	SW-846:8270C	ug/L	14	0	0	*0.99*	*1.07214*	*1.19*	14	100	-	-	0	0	0	0	-	-	4	-	-	-
Benzo(a)pyrene	SW-846:8270C	ug/L	14	0	0	*0.99*	*1.07214*	*1.19*	14	100	-	-	14	0	0	0	0.18	HHEU	4	-	-	-
Benzo(b)fluoranthene	SW-846:8270C	ug/L	14	0	0	*0.99*	*1.07214*	*1.19*	14	100	-	-	0	0	0	0	-	-	4	-	-	-
Benzo(g,h,i)perylene	SW-846:8270C	ug/L	14	0	0	*0.99*	*1.07214*	*1.19*	14	100	-	-	0	0	0	0	-	-	4	-	-	-
Benzo(k)fluoranthene	SW-846:8270C	ug/L	14	0	0	*0.99*	*1.07214*	*1.19*	14	100	-	-	0	0	0	0	-	-	4	-	-	-
Benzoic Acid	SW-846:8270C	ug/L	14	0	0	*19.8*	*21.4286*	*23.8*	14	100	-	-	0	0	0	0	-	-	4	-	-	-
Benzyl Alcohol	SW-846:8270C	ug/L	14	0	0	*9.9*	*10.7214*	*11.9*	14	100	-	-	0	0	0	0	-	-	4	-	-	-
Bis(2-chloroethoxy)methane	SW-846:8270C	ug/L	14	0	0	*9.9*	*10.7214*	*11.9*	14	100	-	-	0	0	0	0	-	-	4	-	-	-
Bis(2-chloroethyl)ether	SW-846:8270C	ug/L	14	0	0	*9.9*	*10.7214*	*11.9*	14	100	-	-	0	0	0	0	-	-	4	-	-	-
Bis(2-ethylhexyl)phthalate	SW-846:8270C	ug/L	14	2	14	2.13	2.135	2.14	12	86	-	-	0	0	0	0	-	-	4	-	-	-
Bromophenyl-phenylether[4-]	SW-846:8270C	ug/L	14	0	0	*9.9*	*10.7214*	*11.9*	14	100	-	-	0	0	0	0	-	-	4	-	-	-

Table B-4
Screening Table for Pajarito Canyon Watershed (including Twomile and Threemile Canyons)

Analyte	Method	Units	No. of Analyses	No. of Detects	D Rate %	Min	Mean	Max	No. of Non-detects	ND Rate %	BV	D> BV	ND> Std	D> Std	D> Std/2	D>Std/2 Rate %	Level	Std Type	Locations with Data (number)	D>Std (number of locations)	D>Std/2 (number of locations)	D>Std Stations
Butylbenzylphthalate	SW-846:8270C	ug/L	14	0	0	9.9	10.7214	11.9	14	100	-	-	0	0	0	0	-	-	4	-	-	-
Chloro-3-methylphenol[4-]	SW-846:8270C	ug/L	14	0	0	9.9	10.7214	11.9	14	100	-	-	0	0	0	0	-	-	4	-	-	-
Chloroaniline[4-]	SW-846:8270C	ug/L	14	0	0	9.9	10.7214	11.9	14	100	-	-	0	0	0	0	-	-	4	-	-	-
Chloronaphthalene[2-]	SW-846:8270C	ug/L	14	0	0	0.99	1.07214	1.19	14	100	-	-	0	0	0	0	-	-	4	-	-	-
Chlorophenol[2-]	SW-846:8270C	ug/L	14	0	0	9.9	10.7214	11.9	14	100	-	-	0	0	0	0	-	-	4	-	-	-
Chlorophenyl-phenyl[4-] Ether	SW-846:8270C	ug/L	14	0	0	9.9	10.7214	11.9	14	100	-	-	0	0	0	0	-	-	4	-	-	-
Chrysene	SW-846:8270C	ug/L	14	0	0	0.99	1.07214	1.19	14	100	-	-	0	0	0	0	-	-	4	-	-	-
Dibenz(a,h)anthracene	SW-846:8270C	ug/L	14	0	0	0.99	1.07214	1.19	14	100	-	-	0	0	0	0	-	-	4	-	-	-
Dibenzofuran	SW-846:8270C	ug/L	14	0	0	9.9	10.7214	11.9	14	100	-	-	0	0	0	0	-	-	4	-	-	-
Dichlorobenzene[1,2-]	SW-846:8270C	ug/L	14	0	0	9.9	10.7214	11.9	14	100	-	-	0	0	0	0	-	-	4	-	-	-
Dichlorobenzene[1,3-]	SW-846:8270C	ug/L	14	0	0	9.9	10.7214	11.9	14	100	-	-	0	0	0	0	-	-	4	-	-	-
Dichlorobenzene[1,4-]	SW-846:8270C	ug/L	14	0	0	9.9	10.7214	11.9	14	100	-	-	0	0	0	0	-	-	4	-	-	-
Dichlorobenzidine[3,3'-]	SW-846:8270C	ug/L	14	0	0	9.9	10.7214	11.9	14	100	-	-	0	0	0	0	-	-	4	-	-	-
Dichlorophenol[2,4-]	SW-846:8270C	ug/L	14	0	0	9.9	10.7214	11.9	14	100	-	-	0	0	0	0	-	-	4	-	-	-
Diethylphthalate	SW-846:8270C	ug/L	14	0	0	9.9	10.7214	11.9	14	100	-	-	0	0	0	0	-	-	4	-	-	-
Dimethyl Phthalate	SW-846:8270C	ug/L	14	0	0	9.9	10.7214	11.9	14	100	-	-	0	0	0	0	-	-	4	-	-	-
Dimethylphenol[2,4-]	SW-846:8270C	ug/L	14	0	0	9.9	10.7214	11.9	14	100	-	-	0	0	0	0	-	-	4	-	-	-
Di-n-butylphthalate	SW-846:8270C	ug/L	14	0	0	9.9	10.7214	11.9	14	100	-	-	0	0	0	0	-	-	4	-	-	-
Dinitro-2-methylphenol[4,6-]	SW-846:8270C	ug/L	14	0	0	9.9	10.7214	11.9	14	100	-	-	0	0	0	0	-	-	4	-	-	-
Dinitrophenol[2,4-]	SW-846:8270C	ug/L	14	0	0	19.8	21.4286	23.8	14	100	-	-	0	0	0	0	-	-	4	-	-	-
Dinitrotoluene[2,4-]	SW-846:8270C	ug/L	14	0	0	9.9	10.7214	11.9	14	100	-	-	0	0	0	0	-	-	4	-	-	-
Dinitrotoluene[2,6-]	SW-846:8270C	ug/L	14	0	0	9.9	10.7214	11.9	14	100	-	-	0	0	0	0	-	-	4	-	-	-
Di-n-octylphthalate	SW-846:8270C	ug/L	14	0	0	9.9	10.7214	11.9	14	100	-	-	0	0	0	0	-	-	4	-	-	-
Dinoseb	SW-846:8270C	ug/L	14	0	0	9.9	10.7214	11.9	14	100	-	-	0	0	0	0	-	-	4	-	-	-
Dioxane[1,4-]	SW-846:8270C	ug/L	11	0	0	10.1	14.2091	50	11	100	-	-	0	0	0	0	-	-	3	-	-	-
Diphenylamine	SW-846:8270C	ug/L	14	0	0	9.9	10.7214	11.9	14	100	-	-	0	0	0	0	-	-	4	-	-	-
Fluoranthene	SW-846:8270C	ug/L	14	0	0	0.99	1.07214	1.19	14	100	-	-	0	0	0	0	-	-	4	-	-	-
Fluorene	SW-846:8270C	ug/L	14	0	0	0.99	1.07214	1.19	14	100	-	-	0	0	0	0	-	-	4	-	-	-
Hexachlorobenzene	SW-846:8270C	ug/L	14	0	0	9.9	10.7214	11.9	14	100	-	-	14	0	0	0	0.0029	HHEU	4	-	-	-
Hexachlorobutadiene	SW-846:8270C	ug/L	14	0	0	9.9	10.7214	11.9	14	100	-	-	0	0	0	0	-	-	4	-	-	-
Hexachlorocyclopentadiene	SW-846:8270C	ug/L	14	0	0	9.9	10.7214	11.9	14	100	-	-	0	0	0	0	-	-	4	-	-	-
Hexachloroethane	SW-846:8270C	ug/L	14	0	0	9.9	10.7214	11.9	14	100	-	-	0	0	0	0	-	-	4	-	-	-
Indeno(1,2,3-cd)pyrene	SW-846:8270C	ug/L	14	0	0	0.99	1.07214	1.19	14	100	-	-	0	0	0	0	-	-	4	-	-	-
Isophorone	SW-846:8270C	ug/L	14	0	0	9.9	10.7214	11.9	14	100	-	-	0	0	0	0	-	-	4	-	-	-
Methylnaphthalene[1-]	SW-846:8270C	ug/L	14	0	0	0.99	1.07214	1.19	14	100	-	-	0	0	0	0	-	-	4	-	-	-
Methylnaphthalene[2-]	SW-846:8270C	ug/L	14	0	0	0.99	1.07214	1.19	14	100	-	-	0	0	0	0	-	-	4	-	-	-
Methylphenol[2-]	SW-846:8270C	ug/L	14	0	0	9.9	10.7214	11.9	14	100	-	-	0	0	0	0	-	-	4	-	-	-
Methylphenol[3-,4-]	SW-846:8270C	ug/L	14	0	0	9.9	10.7214	11.9	14	100	-	-	0	0	0	0	-	-	4	-	-	-
Naphthalene	SW-846:8270C	ug/L	12	0	0	0.99	1.08167	1.19	12	100	-	-	0	0	0	0	-	-	4	-	-	-
Nitroaniline[2-]	SW-846:8270C	ug/L	14	0	0	9.9	10.7214	11.9	14	100	-	-	0	0	0	0	-	-	4	-	-	-
Nitroaniline[3-]	SW-846:8270C	ug/L	14	0	0	9.9	10.7214	11.9	14	100	-	-	0	0	0	0	-	-	4	-	-	-
Nitroaniline[4-]	SW-846:8270C	ug/L	14	0	0	9.9	10.7214	11.9	14	100	-	-	0	0	0	0	-	-	4	-	-	-
Nitrobenzene	SW-846:8270C	ug/L	14	0	0	9.9	10.7214	11.9	14	100	-	-	0	0	0	0	-	-	4	-	-	-
Nitrophenol[2-]	SW-846:8270C	ug/L	10	0	0	9.9	10.66	11.9	10	100	-	-	0	0	0	0	-	-	4	-	-	-
Nitrophenol[4-]	SW-846:8270C	ug/L	14	0	0	9.9	10.7214	11.9	14	100	-	-	0	0	0	0	-	-	4	-	-	-
Nitrosodiethylamine[N-]	SW-846:8270C	ug/L	14	0	0	9.9	10.7214	11.9	14	100	-	-	0	0	0	0	-	-	4	-	-	-
Nitrosodimethylamine[N-]	SW-846:8270C	ug/L	14	0	0	9.9	10.7214	11.9	14	100	-	-	0	0	0	0	-	-	4	-	-	-
Nitroso-di-n-butylamine[N-]	SW-846:8270C	ug/L	14	0	0	9.9	10.7214	11.9	14	100	-	-	0	0	0	0	-	-	4	-	-	-
Nitroso-di-n-propylamine[N-]	SW-846:8270C	ug/L	14	0	0	9.9	10.7214	11.9	14	100	-	-	0	0	0	0	-	-	4	-	-	-
Nitrosopyrrolidine[N-]	SW-846:8270C	ug/L	14	0	0	9.9	10.7214	11.9	14	100	-	-	0	0	0	0	-	-	4	-	-	-
Oxybis(1-chloropropane)[2,2'-]	SW-846:8270C	ug/L	14	0	0	9.9	10.7214	11.9	14	100	-	-	0	0	0	0	-	-	4	-	-	-
Pentachlorobenzene	SW-846:8270C	ug/L	14	0	0	9.9	10.7214	11.9	14	100	-	-	0	0	0	0	-	-	4	-	-	-
Pentachlorophenol	SW-846:8270C	ug/L	14	0	0	9.9	10.7214	11.9	14	100	-	-	0	0	0	0	19	AqAcU	4	-	-	-
Phenanthrene	SW-846:8270C	ug/L	14	0	0	0.99	1.07214	1.19	14	100	-	-	0	0	0	0	-	-	4	-	-	-
Phenol	SW-846:8270C	ug/L	14	0	0	9.9	10.7214	11.9	14	100	-	-	0	0	0	0	-	-	4	-	-	-
Pyrene	SW-846:8270C	ug/L	14	0	0	0.99	1.07214	1.19	14	100	-	-	0	0	0	0	-	-	4	-	-	-
Pyridine	SW-846:8270C	ug/L	3	0	0	10.9	11.3	11.9	3	100	-	-	0	0	0	0	-	-	3	-	-	-
Tetrachlorobenzene[1,2,4,5]	SW-846:8270C	ug/L	11	0	0	9.9	10.7455	11.9	11	100	-	-	0	0	0	0	-	-	4	-	-	-

Table B-4
Screening Table for Pajarito Canyon Watershed (including Twomile and Threemile Canyons)

Analyte	Method	Units	No. of Analyses	No. of Detects	D Rate %	Min	Mean	Max	No. of Non-detects	ND Rate %	BV	D> BV	ND> Std	D> Std	D> Std/2	D>Std/2 Rate %	Level	Std Type	Locations with Data (number)	D>Std (number of locations)	D>Std/2 (number of locations)	D>Std Stations
Tetrachlorophenol[2,3,4,6-]	SW-846:8270C	ug/L	14	0	0	*9.9*	*10.7214*	*11.9*	14	100	-	-	0	0	0	0	-	-	4	-	-	-
Trichlorobenzene[1,2,4-]	SW-846:8270C	ug/L	14	0	0	*9.9*	*10.7214*	*11.9*	14	100	-	-	0	0	0	0	-	-	4	-	-	-
Trichlorophenol[2,4,5-]	SW-846:8270C	ug/L	14	0	0	*9.9*	*10.7214*	*11.9*	14	100	-	-	0	0	0	0	-	-	4	-	-	-
Trichlorophenol[2,4,6-]	SW-846:8270C	ug/L	14	0	0	*9.9*	*10.7214*	*11.9*	14	100	-	-	0	0	0	0	-	-	4	-	-	-
Pajarito, SVOA, UF, Perennial																						
Acenaphthene	EPA:625	ug/L	1	0	0	*1*	*1*	*1*	1	100	-	-	0	0	0	0	990	HHPU	1	-	-	-
Acenaphthene	SW-846:8270C	ug/L	14	0	0	*1*	*1.04571*	*1.14*	14	100	-	-	0	0	0	0	990	HHPU	2	-	-	-
Acenaphthylene	EPA:625	ug/L	1	0	0	*1*	*1*	*1*	1	100	-	-	0	0	0	0	-	-	1	-	-	-
Acenaphthylene	SW-846:8270C	ug/L	14	0	0	*1*	*1.04571*	*1.14*	14	100	-	-	0	0	0	0	-	-	2	-	-	-
Aniline	EPA:625	ug/L	1	0	0	*10.3*	*10.3*	*10.3*	1	100	-	-	0	0	0	0	-	-	1	-	-	-
Aniline	SW-846:8270C	ug/L	14	0	0	*10*	*10.4571*	*11.4*	14	100	-	-	0	0	0	0	-	-	2	-	-	-
Anthracene	EPA:625	ug/L	1	0	0	*1*	*1*	*1*	1	100	-	-	0	0	0	0	40000	HHPU	1	-	-	-
Anthracene	SW-846:8270C	ug/L	14	0	0	*1*	*1.04571*	*1.14*	14	100	-	-	0	0	0	0	40000	HHPU	2	-	-	-
Atrazine	SW-846:8270C	ug/L	14	0	0	*10*	*10.4571*	*11.4*	14	100	-	-	0	0	0	0	-	-	2	-	-	-
Azobenzene	EPA:625	ug/L	1	0	0	*10.3*	*10.3*	*10.3*	1	100	-	-	0	0	0	0	-	-	1	-	-	-
Azobenzene	SW-846:8270C	ug/L	14	0	0	*10*	*10.4571*	*11.4*	14	100	-	-	0	0	0	0	-	-	2	-	-	-
Benzidine	SW-846:8270C	ug/L	9	0	0	*10.4*	*29.1667*	*53.2*	9	100	-	-	9	0	0	0	0.002	HHPU	2	-	-	-
Benzo(a)anthracene	EPA:625	ug/L	1	0	0	*1*	*1*	*1*	1	100	-	-	1	0	0	0	0.18	HHPU	1	-	-	-
Benzo(a)anthracene	SW-846:8270C	ug/L	14	0	0	*1*	*1.04571*	*1.14*	14	100	-	-	14	0	0	0	0.18	HHPU	2	-	-	-
Benzo(a)pyrene	EPA:625	ug/L	1	0	0	*1*	*1*	*1*	1	100	-	-	1	0	0	0	0.18	HHPU	1	-	-	-
Benzo(a)pyrene	SW-846:8270C	ug/L	14	0	0	*1*	*1.04571*	*1.14*	14	100	-	-	14	0	0	0	0.18	HHPU	2	-	-	-
Benzo(b)fluoranthene	EPA:625	ug/L	1	0	0	*1*	*1*	*1*	1	100	-	-	1	0	0	0	0.18	HHPU	1	-	-	-
Benzo(b)fluoranthene	SW-846:8270C	ug/L	14	0	0	*1*	*1.04571*	*1.14*	14	100	-	-	14	0	0	0	0.18	HHPU	2	-	-	-
Benzo(g,h,i)perylene	EPA:625	ug/L	1	0	0	*1*	*1*	*1*	1	100	-	-	0	0	0	0	-	-	1	-	-	-
Benzo(g,h,i)perylene	SW-846:8270C	ug/L	14	0	0	*1*	*1.04571*	*1.14*	14	100	-	-	0	0	0	0	-	-	2	-	-	-
Benzo(k)fluoranthene	EPA:625	ug/L	1	0	0	*1*	*1*	*1*	1	100	-	-	1	0	0	0	0.18	HHPU	1	-	-	-
Benzo(k)fluoranthene	SW-846:8270C	ug/L	14	0	0	*1*	*1.04571*	*1.14*	14	100	-	-	14	0	0	0	0.18	HHPU	2	-	-	-
Benzoic Acid	EPA:625	ug/L	1	0	0	*20.6*	*20.6*	*20.6*	1	100	-	-	0	0	0	0	-	-	1	-	-	-
Benzoic Acid	SW-846:8270C	ug/L	13	0	0	*20*	*20.8923*	*22.7*	13	100	-	-	0	0	0	0	-	-	2	-	-	-
Benzyl Alcohol	EPA:625	ug/L	1	0	0	*10.3*	*10.3*	*10.3*	1	100	-	-	0	0	0	0	-	-	1	-	-	-
Benzyl Alcohol	SW-846:8270C	ug/L	14	0	0	*10*	*10.4571*	*11.4*	14	100	-	-	0	0	0	0	-	-	2	-	-	-
Bis(2-chloroethoxy)methane	EPA:625	ug/L	1	0	0	*10.3*	*10.3*	*10.3*	1	100	-	-	0	0	0	0	-	-	1	-	-	-
Bis(2-chloroethoxy)methane	SW-846:8270C	ug/L	14	0	0	*10*	*10.4571*	*11.4*	14	100	-	-	0	0	0	0	-	-	2	-	-	-
Bis(2-chloroethyl)ether	EPA:625	ug/L	1	0	0	*10.3*	*10.3*	*10.3*	1	100	-	-	1	0	0	0	5.3	HHPU	1	-	-	-
Bis(2-chloroethyl)ether	SW-846:8270C	ug/L	14	0	0	*10*	*10.4571*	*11.4*	14	100	-	-	14	0	0	0	5.3	HHPU	2	-	-	-
Bis(2-ethylhexyl)phthalate	EPA:625	ug/L	1	0	0	*10.3*	*10.3*	*10.3*	1	100	-	-	0	0	0	0	22	HHPU	1	-	-	-
Bis(2-ethylhexyl)phthalate	SW-846:8270C	ug/L	14	1	7	2.51	2.51	2.51	13	93	-	-	0	0	0	0	22	HHPU	2	-	-	-
Bromophenyl-phenylether[4-]	EPA:625	ug/L	1	0	0	*10.3*	*10.3*	*10.3*	1	100	-	-	0	0	0	0	-	-	1	-	-	-
Bromophenyl-phenylether[4-]	SW-846:8270C	ug/L	14	0	0	*10*	*10.4571*	*11.4*	14	100	-	-	0	0	0	0	-	-	2	-	-	-
Butylbenzylphthalate	EPA:625	ug/L	1	0	0	*10.3*	*10.3*	*10.3*	1	100	-	-	0	0	0	0	1900	HHPU	1	-	-	-
Butylbenzylphthalate	SW-846:8270C	ug/L	14	0	0	*10*	*10.4571*	*11.4*	14	100	-	-	0	0	0	0	1900	HHPU	2	-	-	-
Chloro-3-methylphenol[4-]	EPA:625	ug/L	1	0	0	*10.3*	*10.3*	*10.3*	1	100	-	-	0	0	0	0	-	-	1	-	-	-
Chloro-3-methylphenol[4-]	SW-846:8270C	ug/L	14	0	0	*10*	*10.4571*	*11.4*	14	100	-	-	0	0	0	0	-	-	2	-	-	-
Chloroaniline[4-]	EPA:625	ug/L	1	0	0	*10.3*	*10.3*	*10.3*	1	100	-	-	0	0	0	0	-	-	1	-	-	-
Chloroaniline[4-]	SW-846:8270C	ug/L	14	0	0	*10*	*10.4571*	*11.4*	14	100	-	-	0	0	0	0	-	-	2	-	-	-
Chloronaphthalene[2-]	EPA:625	ug/L	1	0	0	*1*	*1*	*1*	1	100	-	-	0	0	0	0	1600	HHPU	1	-	-	-
Chloronaphthalene[2-]	SW-846:8270C	ug/L	14	0	0	*1*	*1.04571*	*1.14*	14	100	-	-	0	0	0	0	1600	HHPU	2	-	-	-
Chlorophenol[2-]	EPA:625	ug/L	1	0	0	*10.3*	*10.3*	*10.3*	1	100	-	-	0	0	0	0	150	HHPU	1	-	-	-
Chlorophenol[2-]	SW-846:8270C	ug/L	14	0	0	*10*	*10.4571*	*11.4*	14	100	-	-	0	0	0	0	150	HHPU	2	-	-	-
Chlorophenyl-phenyl[4-] Ether	EPA:625	ug/L	1	0	0	*10.3*	*10.3*	*10.3*	1	100	-	-	0	0	0	0	-	-	1	-	-	-
Chlorophenyl-phenyl[4-] Ether	SW-846:8270C	ug/L	14	0	0	*10*	*10.4571*	*11.4*	14	100	-	-	0	0	0	0	-	-	2	-	-	-
Chrysene	EPA:625	ug/L	1	0	0	*1*	*1*	*1*	1	100	-	-	1	0	0	0	0.18	HHPU	1	-	-	-
Chrysene	SW-846:8270C	ug/L	14	0	0	*1*	*1.04571*	*1.14*	14	100	-	-	14	0	0	0	0.18	HHPU	2	-	-	-
Dibenz(a,h)anthracene	EPA:625	ug/L	1	0	0	*1*	*1*	*1*	1	100	-	-	1	0	0	0	0.18	HHPU	1	-	-	-
Dibenz(a,h)anthracene	SW-846:8270C	ug/L	14	0	0	*1*	*1.04571*	*1.14*	14	100	-	-	14	0	0	0	0.18	HHPU	2	-	-	-
Dibenzofuran	EPA:625	ug/L	1	0	0	*10.3*	*10.3*	*10.3*	1	100	-	-	0	0	0	0	-	-	1	-	-	-
Dibenzofuran	SW-846:8270C	ug/L	14	0	0	*10*	*10.4571*	*11.4*	14	100	-	-	0	0	0	0	-	-	2	-	-	-
Dichlorobenzene[1,2-]	EPA:625	ug/L	1	0	0	*10.3*	*10.3*	*10.3*	1	100	-	-	0	0	0	0	17000	HHPU	1	-	-	-

Table B-4
Screening Table for Pajarito Canyon Watershed (including Twomile and Threemile Canyons)

Analyte	Method	Units	No. of Analyses	No. of Detects	D Rate %	Min	Mean	Max	No. of Non-detects	ND Rate %	BV	D> BV	ND> Std	D> Std	D> Std/2	D>Std/2 Rate %	Level	Std Type	Locations with Data (number)	D>Std (number of locations)	D>Std/2 (number of locations)	D>Std Stations
Dichlorobenzene[1,2-]	SW-846:8270C	ug/L	14	0	0	10	10.4571	11.4	14	100	-	-	0	0	0	0	17000	HHPU	2	-	-	-
Dichlorobenzene[1,3-]	EPA:625	ug/L	1	0	0	10.3	10.3	10.3	1	100	-	-	0	0	0	0	960	HHPU	1	-	-	-
Dichlorobenzene[1,3-]	SW-846:8270C	ug/L	14	0	0	10	10.4571	11.4	14	100	-	-	0	0	0	0	960	HHPU	2	-	-	-
Dichlorobenzene[1,4-]	EPA:625	ug/L	1	0	0	10.3	10.3	10.3	1	100	-	-	0	0	0	0	2600	HHPU	1	-	-	-
Dichlorobenzene[1,4-]	SW-846:8270C	ug/L	14	1	7	2.46	2.46	2.46	13	93	-	-	0	0	0	0	2600	HHPU	2	-	-	-
Dichlorobenzidine[3,3'-]	EPA:625	ug/L	1	0	0	10.3	10.3	10.3	1	100	-	-	1	0	0	0	0.28	HHPU	1	-	-	-
Dichlorobenzidine[3,3'-]	SW-846:8270C	ug/L	14	0	0	10	10.4571	11.4	14	100	-	-	14	0	0	0	0.28	HHPU	2	-	-	-
Dichlorophenol[2,4-]	EPA:625	ug/L	1	0	0	10.3	10.3	10.3	1	100	-	-	0	0	0	0	290	HHPU	1	-	-	-
Dichlorophenol[2,4-]	SW-846:8270C	ug/L	14	0	0	10	10.4571	11.4	14	100	-	-	0	0	0	0	290	HHPU	2	-	-	-
Diethylphthalate	EPA:625	ug/L	1	0	0	10.3	10.3	10.3	1	100	-	-	0	0	0	0	44000	HHPU	1	-	-	-
Diethylphthalate	SW-846:8270C	ug/L	14	0	0	10	10.4571	11.4	14	100	-	-	0	0	0	0	44000	HHPU	2	-	-	-
Dimethyl Phthalate	EPA:625	ug/L	1	0	0	10.3	10.3	10.3	1	100	-	-	0	0	0	0	1100000	HHPU	1	-	-	-
Dimethyl Phthalate	SW-846:8270C	ug/L	14	0	0	10	10.4571	11.4	14	100	-	-	0	0	0	0	1100000	HHPU	2	-	-	-
Dimethylphenol[2,4-]	EPA:625	ug/L	1	0	0	10.3	10.3	10.3	1	100	-	-	0	0	0	0	850	HHPU	1	-	-	-
Dimethylphenol[2,4-]	SW-846:8270C	ug/L	13	0	0	10	10.4462	11.4	13	100	-	-	0	0	0	0	850	HHPU	2	-	-	-
Di-n-butylphthalate	EPA:625	ug/L	1	0	0	10.3	10.3	10.3	1	100	-	-	0	0	0	0	4500	HHPU	1	-	-	-
Di-n-butylphthalate	SW-846:8270C	ug/L	14	0	0	10	10.4571	11.4	14	100	-	-	0	0	0	0	4500	HHPU	2	-	-	-
Dinitro-2-methylphenol[4,6-]	EPA:625	ug/L	1	0	0	10.3	10.3	10.3	1	100	-	-	0	0	0	0	280	HHPU	1	-	-	-
Dinitro-2-methylphenol[4,6-]	SW-846:8270C	ug/L	13	0	0	10	10.4462	11.4	13	100	-	-	0	0	0	0	280	HHPU	2	-	-	-
Dinitrophenol[2,4-]	EPA:625	ug/L	1	0	0	20.6	20.6	20.6	1	100	-	-	0	0	0	0	5300	HHPU	1	-	-	-
Dinitrophenol[2,4-]	SW-846:8270C	ug/L	13	0	0	20	20.8923	22.7	13	100	-	-	0	0	0	0	5300	HHPU	2	-	-	-
Dinitrotoluene[2,4-]	EPA:625	ug/L	1	0	0	10.3	10.3	10.3	1	100	-	-	0	0	0	0	34	HHPU	1	-	-	-
Dinitrotoluene[2,4-]	SW-846:8270C	ug/L	14	0	0	10	10.4571	11.4	14	100	-	-	0	0	0	0	34	HHPU	2	-	-	-
Dinitrotoluene[2,6-]	EPA:625	ug/L	1	0	0	10.3	10.3	10.3	1	100	-	-	0	0	0	0	-	-	1	-	-	-
Dinitrotoluene[2,6-]	SW-846:8270C	ug/L	14	0	0	10	10.4571	11.4	14	100	-	-	0	0	0	0	-	-	2	-	-	-
Di-n-octylphthalate	EPA:625	ug/L	1	0	0	10.3	10.3	10.3	1	100	-	-	0	0	0	0	-	-	1	-	-	-
Di-n-octylphthalate	SW-846:8270C	ug/L	14	0	0	10	10.4571	11.4	14	100	-	-	0	0	0	0	-	-	2	-	-	-
Dinoseb	SW-846:8270C	ug/L	14	0	0	10	10.4571	11.4	14	100	-	-	0	0	0	0	-	-	2	-	-	-
Dioxane[1,4-]	SW-846:8270C	ug/L	13	0	0	10	13.4615	50	13	100	-	-	0	0	0	0	-	-	2	-	-	-
Diphenylamine	EPA:625	ug/L	1	0	0	10.3	10.3	10.3	1	100	-	-	0	0	0	0	-	-	1	-	-	-
Diphenylamine	SW-846:8270C	ug/L	14	0	0	10	10.4571	11.4	14	100	-	-	0	0	0	0	-	-	2	-	-	-
Fluoranthene	EPA:625	ug/L	1	0	0	1	1	1	1	100	-	-	0	0	0	0	140	HHPU	1	-	-	-
Fluoranthene	SW-846:8270C	ug/L	14	0	0	1	1.04571	1.14	14	100	-	-	0	0	0	0	140	HHPU	2	-	-	-
Fluorene	EPA:625	ug/L	1	0	0	1	1	1	1	100	-	-	0	0	0	0	5300	HHPU	1	-	-	-
Fluorene	SW-846:8270C	ug/L	14	0	0	1	1.04571	1.14	14	100	-	-	0	0	0	0	5300	HHPU	2	-	-	-
Hexachlorobenzene	EPA:625	ug/L	1	0	0	10.3	10.3	10.3	1	100	-	-	1	0	0	0	0.0029	HHPU	1	-	-	-
Hexachlorobenzene	SW-846:8270C	ug/L	14	0	0	10	10.4571	11.4	14	100	-	-	14	0	0	0	0.0029	HHPU	2	-	-	-
Hexachlorobutadiene	EPA:625	ug/L	1	0	0	10.3	10.3	10.3	1	100	-	-	0	0	0	0	180	HHPU	1	-	-	-
Hexachlorobutadiene	SW-846:8270C	ug/L	14	0	0	10	10.4571	11.4	14	100	-	-	0	0	0	0	180	HHPU	2	-	-	-
Hexachlorocyclopentadiene	EPA:625	ug/L	1	0	0	10.3	10.3	10.3	1	100	-	-	0	0	0	0	17000	HHPU	1	-	-	-
Hexachlorocyclopentadiene	SW-846:8270C	ug/L	14	0	0	10	10.4571	11.4	14	100	-	-	0	0	0	0	17000	HHPU	2	-	-	-
Hexachloroethane	EPA:625	ug/L	1	0	0	10.3	10.3	10.3	1	100	-	-	0	0	0	0	33	HHPU	1	-	-	-
Hexachloroethane	SW-846:8270C	ug/L	14	0	0	10	10.4571	11.4	14	100	-	-	0	0	0	0	33	HHPU	2	-	-	-
Indeno(1,2,3-cd)pyrene	EPA:625	ug/L	1	0	0	1	1	1	1	100	-	-	1	0	0	0	0.18	HHPU	1	-	-	-
Indeno(1,2,3-cd)pyrene	SW-846:8270C	ug/L	14	0	0	1	1.04571	1.14	14	100	-	-	14	0	0	0	0.18	HHPU	2	-	-	-
Isophorone	EPA:625	ug/L	1	0	0	10.3	10.3	10.3	1	100	-	-	0	0	0	0	9600	HHPU	1	-	-	-
Isophorone	SW-846:8270C	ug/L	14	0	0	10	10.4571	11.4	14	100	-	-	0	0	0	0	9600	HHPU	2	-	-	-
Methylnaphthalene[1-]	SW-846:8270C	ug/L	14	0	0	1	1.04571	1.14	14	100	-	-	0	0	0	0	-	-	2	-	-	-
Methylnaphthalene[2-]	EPA:625	ug/L	1	0	0	1	1	1	1	100	-	-	0	0	0	0	-	-	1	-	-	-
Methylnaphthalene[2-]	SW-846:8270C	ug/L	14	0	0	1	1.04571	1.14	14	100	-	-	0	0	0	0	-	-	2	-	-	-
Methylphenol[2-]	EPA:625	ug/L	1	0	0	10.3	10.3	10.3	1	100	-	-	0	0	0	0	-	-	1	-	-	-
Methylphenol[2-]	SW-846:8270C	ug/L	14	0	0	10	10.4571	11.4	14	100	-	-	0	0	0	0	-	-	2	-	-	-
Methylphenol[3-,4-]	SW-846:8270C	ug/L	14	0	0	10	10.4571	11.4	14	100	-	-	0	0	0	0	-	-	2	-	-	-
Methylphenol[4-]	EPA:625	ug/L	1	0	0	10.3	10.3	10.3	1	100	-	-	0	0	0	0	-	-	1	-	-	-
Methylpyridine[2-]	EPA:625	ug/L	1	0	0	10.3	10.3	10.3	1	100	-	-	0	0	0	0	-	-	1	-	-	-
Naphthalene	EPA:625	ug/L	1	0	0	1	1	1	1	100	-	-	0	0	0	0	-	-	1	-	-	-
Naphthalene	SW-846:8270C	ug/L	14	0	0	1	1.04571	1.14	14	100	-	-	0	0	0	0	-	-	2	-	-	-
Nitroaniline[2-]	EPA:625	ug/L	1	0	0	10.3	10.3	10.3	1	100	-	-	0	0	0	0	-	-	1	-	-	-

Table B-4
Screening Table for Pajarito Canyon Watershed (including Twomile and Threemile Canyons)

Analyte	Method	Units	No. of Analyses	No. of Detects	D Rate %	Min	Mean	Max	No. of Non-detects	ND Rate %	BV	D> BV	ND> Std	D> Std	D> Std/2	D>Std/2 Rate %	Level	Std Type	Locations with Data (number)	D>Std (number of locations)	D>Std/2 (number of locations)	D>Std Stations
Nitroaniline[2-]	SW-846:8270C	ug/L	14	0	0	10	10.4571	11.4	14	100	-	-	0	0	0	0	-	-	2	-	-	-
Nitroaniline[3-]	EPA:625	ug/L	1	0	0	10.3	10.3	10.3	1	100	-	-	0	0	0	0	-	-	1	-	-	-
Nitroaniline[3-]	SW-846:8270C	ug/L	14	0	0	10	10.4571	11.4	14	100	-	-	0	0	0	0	-	-	2	-	-	-
Nitroaniline[4-]	EPA:625	ug/L	1	0	0	10.3	10.3	10.3	1	100	-	-	0	0	0	0	-	-	1	-	-	-
Nitroaniline[4-]	SW-846:8270C	ug/L	14	0	0	10	10.4571	11.4	14	100	-	-	0	0	0	0	-	-	2	-	-	-
Nitrobenzene	EPA:625	ug/L	1	0	0	10.3	10.3	10.3	1	100	-	-	0	0	0	0	690	HHPU	1	-	-	-
Nitrobenzene	SW-846:8270C	ug/L	14	0	0	10	10.4571	11.4	14	100	-	-	0	0	0	0	690	HHPU	2	-	-	-
Nitrophenol[2-]	EPA:625	ug/L	1	0	0	10.3	10.3	10.3	1	100	-	-	0	0	0	0	-	-	1	-	-	-
Nitrophenol[2-]	SW-846:8270C	ug/L	12	0	0	10	10.375	11.4	12	100	-	-	0	0	0	0	-	-	2	-	-	-
Nitrophenol[4-]	EPA:625	ug/L	1	0	0	10.3	10.3	10.3	1	100	-	-	0	0	0	0	-	-	1	-	-	-
Nitrophenol[4-]	SW-846:8270C	ug/L	14	0	0	10	10.4571	11.4	14	100	-	-	0	0	0	0	-	-	2	-	-	-
Nitrosodiethylamine[N-]	SW-846:8270C	ug/L	14	0	0	10	10.4571	11.4	14	100	-	-	0	0	0	0	-	-	2	-	-	-
Nitrosodimethylamine[N-]	EPA:625	ug/L	1	0	0	10.3	10.3	10.3	1	100	-	-	0	0	0	0	30	HHPU	1	-	-	-
Nitrosodimethylamine[N-]	SW-846:8270C	ug/L	14	0	0	10	10.4571	11.4	14	100	-	-	0	0	0	0	30	HHPU	2	-	-	-
Nitroso-di-n-butylamine[N-]	SW-846:8270C	ug/L	14	0	0	10	10.4571	11.4	14	100	-	-	0	0	0	0	-	-	2	-	-	-
Nitroso-di-n-propylamine[N-]	EPA:625	ug/L	1	0	0	10.3	10.3	10.3	1	100	-	-	1	0	0	0	5.1	HHPU	1	-	-	-
Nitroso-di-n-propylamine[N-]	SW-846:8270C	ug/L	14	0	0	10	10.4571	11.4	14	100	-	-	14	0	0	0	5.1	HHPU	2	-	-	-
Nitrosopyrrolidine[N-]	SW-846:8270C	ug/L	14	0	0	10	10.4571	11.4	14	100	-	-	0	0	0	0	-	-	2	-	-	-
Oxybis(1-chloropropane)[2,2'-]	EPA:625	ug/L	1	0	0	10.3	10.3	10.3	1	100	-	-	0	0	0	0	65000	HHPU	1	-	-	-
Oxybis(1-chloropropane)[2,2'-]	SW-846:8270C	ug/L	11	0	0	10	10.5091	11.4	11	100	-	-	0	0	0	0	65000	HHPU	2	-	-	-
Pentachlorobenzene	SW-846:8270C	ug/L	14	0	0	10	10.4571	11.4	14	100	-	-	0	0	0	0	-	-	2	-	-	-
Pentachlorophenol	EPA:625	ug/L	1	0	0	10.3	10.3	10.3	1	100	-	-	0	0	0	0	19	AqAcU	1	-	-	-
Pentachlorophenol	SW-846:8270C	ug/L	14	0	0	10	10.4571	11.4	14	100	-	-	0	0	0	0	19	AqAcU	2	-	-	-
Phenanthrene	EPA:625	ug/L	1	0	0	1	1	1	1	100	-	-	0	0	0	0	-	-	1	-	-	-
Phenanthrene	SW-846:8270C	ug/L	14	0	0	1	1.04571	1.14	14	100	-	-	0	0	0	0	-	-	2	-	-	-
Phenol	EPA:625	ug/L	1	0	0	10.3	10.3	10.3	1	100	-	-	0	0	0	0	1700000	HHPU	1	-	-	-
Phenol	SW-846:8270C	ug/L	14	0	0	10	10.4571	11.4	14	100	-	-	0	0	0	0	1700000	HHPU	2	-	-	-
Pyrene	EPA:625	ug/L	1	0	0	1	1	1	1	100	-	-	0	0	0	0	4000	HHPU	1	-	-	-
Pyrene	SW-846:8270C	ug/L	14	0	0	1	1.04571	1.14	14	100	-	-	0	0	0	0	4000	HHPU	2	-	-	-
Pyridine	EPA:625	ug/L	1	0	0	10.3	10.3	10.3	1	100	-	-	0	0	0	0	-	-	1	-	-	-
Pyridine	SW-846:8270C	ug/L	1	0	0	11.4	11.4	11.4	1	100	-	-	0	0	0	0	-	-	1	-	-	-
Tetrachlorobenzene[1,2,4,5]	SW-846:8270C	ug/L	14	0	0	10	10.4571	11.4	14	100	-	-	0	0	0	0	-	-	2	-	-	-
Tetrachlorophenol[2,3,4,6-]	SW-846:8270C	ug/L	14	0	0	10	10.4571	11.4	14	100	-	-	0	0	0	0	-	-	2	-	-	-
Trichlorobenzene[1,2,4-]	EPA:625	ug/L	1	0	0	10.3	10.3	10.3	1	100	-	-	0	0	0	0	940	HHPU	1	-	-	-
Trichlorobenzene[1,2,4-]	SW-846:8270C	ug/L	14	0	0	10	10.4571	11.4	14	100	-	-	0	0	0	0	940	HHPU	2	-	-	-
Trichlorophenol[2,4,5-]	EPA:625	ug/L	1	0	0	10.3	10.3	10.3	1	100	-	-	0	0	0	0	-	-	1	-	-	-
Trichlorophenol[2,4,5-]	SW-846:8270C	ug/L	14	0	0	10	10.4571	11.4	14	100	-	-	0	0	0	0	-	-	2	-	-	-
Trichlorophenol[2,4,6-]	EPA:625	ug/L	1	0	0	10.3	10.3	10.3	1	100	-	-	0	0	0	0	24	HHPU	1	-	-	-
Trichlorophenol[2,4,6-]	SW-846:8270C	ug/L	14	0	0	10	10.4571	11.4	14	100	-	-	0	0	0	0	24	HHPU	2	-	-	-
Pajarito, SVOA, UF, Springs																						
Acenaphthene	SW-846:8270	ug/L	7	0	0	1	1	1	7	100	-	-	0	0	0	0	365	Reg6	6	-	-	-
Acenaphthene	SW-846:8270C	ug/L	55	0	0	0.943	1.10338	2.4	55	100	-	-	0	0	0	0	365	Reg6	10	-	-	-
Acenaphthylene	SW-846:8270	ug/L	7	0	0	1	1	1	7	100	-	-	0	0	0	0	-	-	6	-	-	-
Acenaphthylene	SW-846:8270C	ug/L	55	0	0	0.943	1.10338	2.4	55	100	-	-	0	0	0	0	-	-	10	-	-	-
Aniline	SW-846:8270	ug/L	7	0	0	10.2	10.3	10.4	7	100	-	-	0	0	0	0	117.9501	Reg6	6	-	-	-
Aniline	SW-846:8270C	ug/L	54	0	0	9.43	11.0381	23.8	54	100	-	-	0	0	0	0	117.9501	Reg6	10	-	-	-
Anthracene	SW-846:8270	ug/L	7	0	0	1	1	1	7	100	-	-	0	0	0	0	1825	Reg6	6	-	-	-
Anthracene	SW-846:8270C	ug/L	55	0	0	0.943	1.10338	2.4	55	100	-	-	0	0	0	0	1825	Reg6	10	-	-	-
Atrazine	SW-846:8270C	ug/L	54	0	0	9.43	11.0381	23.8	54	100	-	-	54	0	0	0	3	MCL	10	-	-	-
Azobenzene	SW-846:8270	ug/L	7	0	0	10.2	10.3	10.4	7	100	-	-	7	0	0	0	6.111958	Reg6	6	-	-	-
Azobenzene	SW-846:8270C	ug/L	55	0	0	9.43	11.0302	23.8	55	100	-	-	55	0	0	0	6.111958	Reg6	10	-	-	-
Benzidine	SW-846:8270	ug/L	1	0	0	52.1	52.1	52.1	1	100	-	-	1	0	0	0	0.000936258	Reg6	1	-	-	-
Benzidine	SW-846:8270C	ug/L	35	0	0	9.43	37.3323	76.9	35	100	-	-	35	0	0	0	0.000936258	Reg6	10	-	-	-
Benzo(a)anthracene	SW-846:8270	ug/L	7	0	0	1	1	1	7	100	-	-	7	0	0	0	0.2949853	Reg6	6	-	-	-
Benzo(a)anthracene	SW-846:8270C	ug/L	55	0	0	0.943	1.10338	2.4	55	100	-	-	55	0	0	0	0.2949853	Reg6	10	-	-	-
Benzo(a)pyrene	SW-846:8270	ug/L	7	0	0	1	1	1	7	100	-	-	7	0	0	0	0.2	MCL	6	-	-	-
Benzo(a)pyrene	SW-846:8270C	ug/L	55	1	2	0.34	0.34	0.34	54	98	-	-	54	1	1	2	0.2	MCL	10	1	1	Anderson Spring
Benzo(b)fluoranthene	SW-846:8270	ug/L	7	0	0	1	1	1	7	100	-	-	7	0	0	0	0.2949853	Reg6	6	-	-	-

Table B-4
Screening Table for Pajarito Canyon Watershed (including Twomile and Threemile Canyons)

Analyte	Method	Units	No. of Analyses	No. of Detects	D Rate %	Min	Mean	Max	No. of Non-detects	ND Rate %	BV	D> BV	ND> Std	D> Std	D> Std/2	D>Std/2 Rate %	Level	Std Type	Locations with Data (number)	D>Std (number of locations)	D>Std/2 (number of locations)	D>Std Stations
Benzo(b)fluoranthene	SW-846:8270C	ug/L	55	1	2	0.305	0.305	0.305	54	98	-	-	54	1	1	2	0.2949853	Reg6	10	1	1	Anderson Spring
Benzo(g,h,i)perylene	SW-846:8270	ug/L	7	0	0	1	1	1	7	100	-	-	0	0	0	0	-	-	6	-	-	-
Benzo(g,h,i)perylene	SW-846:8270C	ug/L	55	1	2	0.636	0.636	0.636	54	98	-	-	0	0	0	0	-	-	10	-	-	-
Benzo(k)fluoranthene	SW-846:8270	ug/L	7	0	0	1	1	1	7	100	-	-	0	0	0	0	2.949853	Reg6	6	-	-	-
Benzo(k)fluoranthene	SW-846:8270C	ug/L	55	1	2	0.322	0.322	0.322	54	98	-	-	0	0	0	0	2.949853	Reg6	10	-	-	-
Benzoic Acid	SW-846:8270	ug/L	7	0	0	20.4	20.6	20.8	7	100	-	-	0	0	0	0	146000	Reg6	6	-	-	-
Benzoic Acid	SW-846:8270C	ug/L	44	0	0	18.9	22.2659	47.6	44	100	-	-	0	0	0	0	146000	Reg6	10	-	-	-
Benzyl Alcohol	SW-846:8270	ug/L	7	0	0	10.2	10.3	10.4	7	100	-	-	0	0	0	0	10950	Reg6	6	-	-	-
Benzyl Alcohol	SW-846:8270C	ug/L	55	0	0	9.43	11.0302	23.8	55	100	-	-	0	0	0	0	10950	Reg6	10	-	-	-
Bis(2-chloroethoxy)methane	SW-846:8270	ug/L	7	0	0	10.2	10.3	10.4	7	100	-	-	0	0	0	0	-	-	6	-	-	-
Bis(2-chloroethoxy)methane	SW-846:8270C	ug/L	52	0	0	9.43	11.0088	23.8	52	100	-	-	0	0	0	0	-	-	10	-	-	-
Bis(2-chloroethyl)ether	SW-846:8270	ug/L	7	0	0	10.2	10.3	10.4	7	100	-	-	7	0	0	0	0.602164	Reg6	6	-	-	-
Bis(2-chloroethyl)ether	SW-846:8270C	ug/L	55	0	0	9.43	11.0302	23.8	55	100	-	-	55	0	0	0	0.602164	Reg6	10	-	-	-
Bis(2-ethylhexyl)phthalate	SW-846:8270	ug/L	7	0	0	10.2	10.3	10.4	7	100	-	-	7	0	0	0	6	MCL	6	-	-	-
Bis(2-ethylhexyl)phthalate	SW-846:8270C	ug/L	55	1	2	2.74	2.74	2.74	54	98	-	-	52	0	0	0	6	MCL	10	-	-	-
Bromophenyl-phenylether[4-]	SW-846:8270	ug/L	7	0	0	10.2	10.3	10.4	7	100	-	-	0	0	0	0	-	-	6	-	-	-
Bromophenyl-phenylether[4-]	SW-846:8270C	ug/L	55	0	0	9.43	11.0302	23.8	55	100	-	-	0	0	0	0	-	-	10	-	-	-
Butylbenzylphthalate	SW-846:8270	ug/L	7	0	0	10.2	10.3	10.4	7	100	-	-	0	0	0	0	7300	Reg6	6	-	-	-
Butylbenzylphthalate	SW-846:8270C	ug/L	55	0	0	9.43	11.0302	23.8	55	100	-	-	0	0	0	0	7300	Reg6	10	-	-	-
Chloro-3-methylphenol[4-]	SW-846:8270	ug/L	7	0	0	10.2	10.3	10.4	7	100	-	-	0	0	0	0	-	-	6	-	-	-
Chloro-3-methylphenol[4-]	SW-846:8270C	ug/L	44	0	0	9.43	11.1355	23.8	44	100	-	-	0	0	0	0	-	-	10	-	-	-
Chloroaniline[4-]	SW-846:8270	ug/L	7	0	0	10.2	10.3	10.4	7	100	-	-	0	0	0	0	146	Reg6	6	-	-	-
Chloroaniline[4-]	SW-846:8270C	ug/L	55	0	0	9.43	11.0302	23.8	55	100	-	-	0	0	0	0	146	Reg6	10	-	-	-
Chloronaphthalene[2-]	SW-846:8270	ug/L	7	0	0	1	1	1	7	100	-	-	0	0	0	0	486.6667	Reg6	6	-	-	-
Chloronaphthalene[2-]	SW-846:8270C	ug/L	55	0	0	0.943	1.10338	2.4	55	100	-	-	0	0	0	0	486.6667	Reg6	10	-	-	-
Chlorophenol[2-]	SW-846:8270	ug/L	7	0	0	10.2	10.3	10.4	7	100	-	-	0	0	0	0	30.41667	Reg6	6	-	-	-
Chlorophenol[2-]	SW-846:8270C	ug/L	44	0	0	9.43	11.1355	23.8	44	100	-	-	0	0	0	0	30.41667	Reg6	10	-	-	-
Chlorophenyl-phenyl[4-] Ether	SW-846:8270	ug/L	7	0	0	10.2	10.3	10.4	7	100	-	-	0	0	0	0	-	-	6	-	-	-
Chlorophenyl-phenyl[4-] Ether	SW-846:8270C	ug/L	55	0	0	9.43	11.0302	23.8	55	100	-	-	0	0	0	0	-	-	10	-	-	-
Chrysene	SW-846:8270	ug/L	7	0	0	1	1	1	7	100	-	-	7	0	0	0	0.2	MCL	6	-	-	-
Chrysene	SW-846:8270C	ug/L	55	0	0	0.418	1.09384	2.4	55	100	-	-	55	0	0	0	0.2	MCL	10	-	-	-
Dibenz(a,h)anthracene	SW-846:8270	ug/L	7	0	0	1	1	1	7	100	-	-	7	0	0	0	0.02949853	Reg6	6	-	-	-
Dibenz(a,h)anthracene	SW-846:8270C	ug/L	55	1	2	3.16	3.16	3.16	54	98	-	-	54	1	1	2	0.02949853	Reg6	10	1	1	Anderson Spring
Dibenzofuran	SW-846:8270	ug/L	7	0	0	10.2	10.3	10.4	7	100	-	-	0	0	0	0	12.16667	Reg6	6	-	-	-
Dibenzofuran	SW-846:8270C	ug/L	55	0	0	9.43	11.0302	23.8	55	100	-	-	6	0	0	0	12.16667	Reg6	10	-	-	-
Dichlorobenzene[1,2-]	SW-846:8270	ug/L	7	0	0	10.2	10.3	10.4	7	100	-	-	0	0	0	0	600	MCL	6	-	-	-
Dichlorobenzene[1,2-]	SW-846:8270C	ug/L	55	0	0	9.43	11.0302	23.8	55	100	-	-	0	0	0	0	600	MCL	10	-	-	-
Dichlorobenzene[1,3-]	SW-846:8270	ug/L	7	0	0	10.2	10.3	10.4	7	100	-	-	0	0	0	0	600	MCL	6	-	-	-
Dichlorobenzene[1,3-]	SW-846:8270C	ug/L	55	0	0	9.43	11.0302	23.8	55	100	-	-	0	0	0	0	600	MCL	10	-	-	-
Dichlorobenzene[1,4-]	SW-846:8270	ug/L	7	0	0	10.2	10.3	10.4	7	100	-	-	0	0	0	0	75	MCL	6	-	-	-
Dichlorobenzene[1,4-]	SW-846:8270C	ug/L	55	0	0	9.43	11.0302	23.8	55	100	-	-	0	0	0	0	75	MCL	10	-	-	-
Dichlorobenzidine[3,3'-]	SW-846:8270	ug/L	7	0	0	10.2	10.3	10.4	7	100	-	-	7	0	0	0	1.494034	Reg6	6	-	-	-
Dichlorobenzidine[3,3'-]	SW-846:8270C	ug/L	54	0	0	9.43	11.0381	23.8	54	100	-	-	54	0	0	0	1.494034	Reg6	10	-	-	-
Dichlorophenol[2,4-]	SW-846:8270	ug/L	7	0	0	10.2	10.3	10.4	7	100	-	-	0	0	0	0	109.5	Reg6	6	-	-	-
Dichlorophenol[2,4-]	SW-846:8270C	ug/L	43	0	0	9.43	11.1572	23.8	43	100	-	-	0	0	0	0	109.5	Reg6	10	-	-	-
Diethylphthalate	SW-846:8270	ug/L	7	0	0	10.2	10.3	10.4	7	100	-	-	0	0	0	0	29200	Reg6	6	-	-	-
Diethylphthalate	SW-846:8270C	ug/L	55	0	0	9.43	11.0302	23.8	55	100	-	-	0	0	0	0	29200	Reg6	10	-	-	-
Dimethyl Phthalate	SW-846:8270	ug/L	7	0	0	10.2	10.3	10.4	7	100	-	-	0	0	0	0	365000	Reg6	6	-	-	-
Dimethyl Phthalate	SW-846:8270C	ug/L	55	0	0	9.43	11.0302	23.8	55	100	-	-	0	0	0	0	365000	Reg6	10	-	-	-
Dimethylphenol[2,4-]	SW-846:8270	ug/L	7	0	0	10.2	10.3	10.4	7	100	-	-	0	0	0	0	730	Reg6	6	-	-	-
Dimethylphenol[2,4-]	SW-846:8270C	ug/L	40	0	0	9.43	11.094	23.8	40	100	-	-	0	0	0	0	730	Reg6	10	-	-	-
Di-n-butylphthalate	SW-846:8270	ug/L	7	0	0	10.2	10.3	10.4	7	100	-	-	0	0	0	0	3650	Reg6	6	-	-	-
Di-n-butylphthalate	SW-846:8270C	ug/L	54	0	0	9.43	11.0493	23.8	54	100	-	-	0	0	0	0	3650	Reg6	10	-	-	-
Dinitro-2-methylphenol[4,6-]	SW-846:8270	ug/L	7	0	0	10.2	10.3	10.4	7	100	-	-	0	0	0	0	-	-	6	-	-	-
Dinitro-2-methylphenol[4,6-]	SW-846:8270C	ug/L	44	0	0	9.43	11.1355	23.8	44	100	-	-	0	0	0	0	-	-	10	-	-	-
Dinitrophenol[2,4-]	SW-846:8270	ug/L	7	0	0	20.4	20.6	20.8	7	100	-	-	0	0	0	0	73	Reg6	6	-	-	-
Dinitrophenol[2,4-]	SW-846:8270C	ug/L	44	0	0	18.9	22.2659	47.6	44	100	-	-	0	0	0	0	73	Reg6	10	-	-	-
Dinitrotoluene[2,4-]	SW-846:8270	ug/L	7	0	0	10.2	10.3	10.4	7	100	-	-	0	0	0	0	73	Reg6	6	-	-	-

Table B-4
Screening Table for Pajarito Canyon Watershed (including Twomile and Threemile Canyons)

Analyte	Method	Units	No. of Analyses	No. of Detects	D Rate %	Min	Mean	Max	No. of Non-detects	ND Rate %	BV	D> BV	ND> Std	D> Std	D> Std/2	D>Std/2 Rate %	Level	Std Type	Locations with Data (number)	D>Std (number of locations)	D>Std/2 (number of locations)	D>Std Stations
Dinitrotoluene[2,4-]	SW-846:8270C	ug/L	55	0	0	9.43	11.0302	23.8	55	100	-	-	0	0	0	0	73	Reg6	10	-	-	-
Dinitrotoluene[2,6-]	SW-846:8270	ug/L	7	0	0	10.2	10.3	10.4	7	100	-	-	0	0	0	0	36.5	Reg6	6	-	-	-
Dinitrotoluene[2,6-]	SW-846:8270C	ug/L	55	0	0	9.43	11.0302	23.8	55	100	-	-	0	0	0	0	36.5	Reg6	10	-	-	-
Di-n-octylphthalate	SW-846:8270	ug/L	7	0	0	10.2	10.3	10.4	7	100	-	-	0	0	0	0	-	-	6	-	-	-
Di-n-octylphthalate	SW-846:8270C	ug/L	55	0	0	9.43	11.0302	23.8	55	100	-	-	0	0	0	0	-	-	10	-	-	-
Dinoseb	SW-846:8270C	ug/L	44	0	0	9.43	11.1355	23.8	44	100	-	-	0	0	0	0	-	-	10	-	-	-
Dioxane[1,4-]	SW-846:8270C	ug/L	46	0	0	9.43	10.6057	13.2	46	100	-	-	0	0	0	0	61.11958	Reg6	10	-	-	-
Diphenylamine	SW-846:8270	ug/L	7	0	0	10.2	10.3	10.4	7	100	-	-	0	0	0	0	912.5	Reg6	6	-	-	-
Diphenylamine	SW-846:8270C	ug/L	54	0	0	9.43	11.0381	23.8	54	100	-	-	0	0	0	0	912.5	Reg6	10	-	-	-
Fluoranthene	SW-846:8270	ug/L	7	0	0	1	1	1	7	100	-	-	0	0	0	0	1460	Reg6	6	-	-	-
Fluoranthene	SW-846:8270C	ug/L	55	0	0	0.943	1.10338	2.4	55	100	-	-	0	0	0	0	1460	Reg6	10	-	-	-
Fluorene	SW-846:8270	ug/L	7	0	0	1	1	1	7	100	-	-	0	0	0	0	243.3333	Reg6	6	-	-	-
Fluorene	SW-846:8270C	ug/L	55	0	0	0.943	1.10338	2.4	55	100	-	-	0	0	0	0	243.3333	Reg6	10	-	-	-
Hexachlorobenzene	SW-846:8270	ug/L	7	0	0	10.2	10.3	10.4	7	100	-	-	7	0	0	0	1	MCL	6	-	-	-
Hexachlorobenzene	SW-846:8270C	ug/L	55	0	0	9.43	11.0302	23.8	55	100	-	-	55	0	0	0	1	MCL	10	-	-	-
Hexachlorobutadiene	SW-846:8270	ug/L	7	0	0	10.2	10.3	10.4	7	100	-	-	7	0	0	0	8.619427	Reg6	6	-	-	-
Hexachlorobutadiene	SW-846:8270C	ug/L	55	0	0	9.43	11.0302	23.8	55	100	-	-	55	0	0	0	8.619427	Reg6	10	-	-	-
Hexachlorocyclopentadiene	SW-846:8270	ug/L	7	0	0	10.2	10.3	10.4	7	100	-	-	0	0	0	0	50	MCL	6	-	-	-
Hexachlorocyclopentadiene	SW-846:8270C	ug/L	55	0	0	9.43	11.0302	23.8	55	100	-	-	0	0	0	0	50	MCL	10	-	-	-
Hexachloroethane	SW-846:8270	ug/L	7	0	0	10.2	10.3	10.4	7	100	-	-	0	0	0	0	48.02252	Reg6	6	-	-	-
Hexachloroethane	SW-846:8270C	ug/L	55	0	0	9.43	11.0302	23.8	55	100	-	-	0	0	0	0	48.02252	Reg6	10	-	-	-
Indeno(1,2,3-cd)pyrene	SW-846:8270	ug/L	7	0	0	1	1	1	7	100	-	-	7	0	0	0	0.2949853	Reg6	6	-	-	-
Indeno(1,2,3-cd)pyrene	SW-846:8270C	ug/L	55	1	2	2.67	2.67	2.67	54	98	-	-	54	1	1	2	0.2949853	Reg6	10	1	1	Anderson Spring
Isophorone	SW-846:8270	ug/L	7	0	0	10.2	10.3	10.4	7	100	-	-	0	0	0	0	707.7004	Reg6	6	-	-	-
Isophorone	SW-846:8270C	ug/L	55	0	0	9.43	11.0302	23.8	55	100	-	-	0	0	0	0	707.7004	Reg6	10	-	-	-
Methylnaphthalene[1-]	SW-846:8270C	ug/L	49	0	0	0.943	1.09727	2.4	49	100	-	-	0	0	0	0	-	-	10	-	-	-
Methylnaphthalene[2-]	SW-846:8270	ug/L	7	0	0	1	1	1	7	100	-	-	0	0	0	0	-	-	6	-	-	-
Methylnaphthalene[2-]	SW-846:8270C	ug/L	55	0	0	0.943	1.10338	2.4	55	100	-	-	0	0	0	0	-	-	10	-	-	-
Methylphenol[2-]	SW-846:8270	ug/L	7	0	0	10.2	10.3	10.4	7	100	-	-	0	0	0	0	1825	Reg6	6	-	-	-
Methylphenol[2-]	SW-846:8270C	ug/L	44	0	0	9.43	11.1355	23.8	44	100	-	-	0	0	0	0	1825	Reg6	10	-	-	-
Methylphenol[3-,4-]	SW-846:8270C	ug/L	44	0	0	9.43	11.1355	23.8	44	100	-	-	0	0	0	0	-	-	10	-	-	-
Methylphenol[4-]	SW-846:8270	ug/L	7	0	0	10.2	10.3	10.4	7	100	-	-	0	0	0	0	182.5	Reg6	6	-	-	-
Methylpyridine[2-]	SW-846:8270	ug/L	7	0	0	10.2	10.3	10.4	7	100	-	-	0	0	0	0	-	-	6	-	-	-
Naphthalene	SW-846:8270	ug/L	7	0	0	1	1	1	7	100	-	-	0	0	0	0	30	NMGSU	6	-	-	-
Naphthalene	SW-846:8270C	ug/L	48	0	0	0.943	1.09929	2.4	48	100	-	-	0	0	0	0	30	NMGSU	10	-	-	-
Nitroaniline[2-]	SW-846:8270	ug/L	7	0	0	10.2	10.3	10.4	7	100	-	-	0	0	0	0	109.5	Reg6	6	-	-	-
Nitroaniline[2-]	SW-846:8270C	ug/L	55	0	0	9.43	11.0302	23.8	55	100	-	-	0	0	0	0	109.5	Reg6	10	-	-	-
Nitroaniline[3-]	SW-846:8270	ug/L	7	0	0	10.2	10.3	10.4	7	100	-	-	0	0	0	0	-	-	6	-	-	-
Nitroaniline[3-]	SW-846:8270C	ug/L	55	0	0	9.43	11.0302	23.8	55	100	-	-	0	0	0	0	-	-	10	-	-	-
Nitroaniline[4-]	SW-846:8270	ug/L	7	0	0	10.2	10.3	10.4	7	100	-	-	0	0	0	0	-	-	6	-	-	-
Nitroaniline[4-]	SW-846:8270C	ug/L	55	0	0	9.43	11.0302	23.8	55	100	-	-	0	0	0	0	-	-	10	-	-	-
Nitrobenzene	SW-846:8270	ug/L	7	0	0	10.2	10.3	10.4	7	100	-	-	7	0	0	0	3.395349	Reg6	6	-	-	-
Nitrobenzene	SW-846:8270C	ug/L	55	0	0	9.43	11.0302	23.8	55	100	-	-	55	0	0	0	3.395349	Reg6	10	-	-	-
Nitrophenol[2-]	SW-846:8270	ug/L	7	0	0	10.2	10.3	10.4	7	100	-	-	0	0	0	0	-	-	6	-	-	-
Nitrophenol[2-]	SW-846:8270C	ug/L	39	0	0	9.43	11.1579	23.8	39	100	-	-	0	0	0	0	-	-	10	-	-	-
Nitrophenol[4-]	SW-846:8270	ug/L	7	0	0	10.2	10.3	10.4	7	100	-	-	0	0	0	0	292	Reg6	6	-	-	-
Nitrophenol[4-]	SW-846:8270C	ug/L	44	0	0	9.43	11.1355	23.8	44	100	-	-	0	0	0	0	292	Reg6	10	-	-	-
Nitrosodiethylamine[N-]	SW-846:8270C	ug/L	55	0	0	9.43	11.0302	23.8	55	100	-	-	55	0	0	0	0.001435595	Reg6	10	-	-	-
Nitrosodimethylamine[N-]	SW-846:8270	ug/L	7	0	0	10.2	10.3	10.4	7	100	-	-	7	0	0	0	0.004222338	Reg6	6	-	-	-
Nitrosodimethylamine[N-]	SW-846:8270C	ug/L	55	0	0	9.43	11.0302	23.8	55	100	-	-	55	0	0	0	0.004222338	Reg6	10	-	-	-
Nitroso-di-n-butylamine[N-]	SW-846:8270C	ug/L	55	0	0	9.43	11.0302	23.8	55	100	-	-	55	0	0	0	0.1226854	Reg6	10	-	-	-
Nitroso-di-n-propylamine[N-]	SW-846:8270	ug/L	7	0	0	10.2	10.3	10.4	7	100	-	-	7	0	0	0	0.09604505	Reg6	6	-	-	-
Nitroso-di-n-propylamine[N-]	SW-846:8270C	ug/L	55	0	0	9.43	11.0302	23.8	55	100	-	-	55	0	0	0	0.09604505	Reg6	10	-	-	-
Nitrosopyrrolidine[N-]	SW-846:8270C	ug/L	55	0	0	9.43	11.0302	23.8	55	100	-	-	55	0	0	0	0.3201502	Reg6	10	-	-	-
Oxybis(1-chloropropane)[2,2'-]	SW-846:8270	ug/L	7	0	0	10.2	10.3	10.4	7	100	-	-	7	0	0	0	9.536393	Reg6	6	-	-	-
Oxybis(1-chloropropane)[2,2'-]	SW-846:8270C	ug/L	55	0	0	9.43	11.0302	23.8	55	100	-	-	53	0	0	0	9.536393	Reg6	10	-	-	-
Pentachlorobenzene	SW-846:8270C	ug/L	55	0	0	9.43	11.0302	23.8	55	100	-	-	0	0	0	0	29.2	Reg6	10	-	-	-
Pentachlorophenol	SW-846:8270	ug/L	7	0	0	10.2	10.3	10.4	7	100	-	-	7	0	0	0	1	MCL	6	-	-	-

Table B-4
Screening Table for Pajarito Canyon Watershed (including Twomile and Threemile Canyons)

Analyte	Method	Units	No. of Analyses	No. of Detects	D Rate %	Min	Mean	Max	No. of Non-detects	ND Rate %	BV	D> BV	ND> Std	D> Std	D> Std/2	D>Std/2 Rate %	Level	Std Type	Locations with Data (number)	D>Std (number of locations)	D>Std/2 (number of locations)	D>Std Stations
Pentachlorophenol	SW-846:8270C	ug/L	44	0	0	9.43	11.1355	23.8	44	100	-	-	44	0	0	0	1	MCL	10	-	-	-
Phenanthrene	SW-846:8270	ug/L	7	0	0	1	1	1	7	100	-	-	0	0	0	0	-	-	6	-	-	-
Phenanthrene	SW-846:8270C	ug/L	54	0	0	0.943	1.1053	2.4	54	100	-	-	0	0	0	0	-	-	10	-	-	-
Phenol	SW-846:8270	ug/L	7	0	0	10.2	10.3	10.4	7	100	-	-	7	0	0	0	5	NMGSU	6	-	-	-
Phenol	SW-846:8270C	ug/L	44	0	0	9.43	11.1355	23.8	44	100	-	-	44	0	0	0	5	NMGSU	10	-	-	-
Pyrene	SW-846:8270	ug/L	7	0	0	1	1	1	7	100	-	-	0	0	0	0	182.5	Reg6	6	-	-	-
Pyrene	SW-846:8270C	ug/L	55	0	0	0.943	1.10338	2.4	55	100	-	-	0	0	0	0	182.5	Reg6	10	-	-	-
Pyridine	SW-846:8270	ug/L	7	0	0	10.2	10.3	10.4	7	100	-	-	0	0	0	0	36.5	Reg6	6	-	-	-
Pyridine	SW-846:8270C	ug/L	16	0	0	9.43	10.8456	12.5	16	100	-	-	0	0	0	0	36.5	Reg6	8	-	-	-
Tetrachlorobenzene[1,2,4,5]	SW-846:8270C	ug/L	55	0	0	9.43	11.0302	23.8	55	100	-	-	55	0	0	0	0.00003	MCL	10	-	-	-
Tetrachlorophenol[2,3,4,6-]	SW-846:8270C	ug/L	44	0	0	9.43	11.1355	23.8	44	100	-	-	44	0	0	0	5	MCL	10	-	-	-
Trichlorobenzene[1,2,4-]	SW-846:8270	ug/L	7	0	0	10.2	10.3	10.4	7	100	-	-	0	0	0	0	70	MCL	6	-	-	-
Trichlorobenzene[1,2,4-]	SW-846:8270C	ug/L	55	0	0	9.43	11.0302	23.8	55	100	-	-	0	0	0	0	70	MCL	10	-	-	-
Trichlorophenol[2,4,5-]	SW-846:8270	ug/L	7	0	0	10.2	10.3	10.4	7	100	-	-	0	0	0	0	3650	Reg6	6	-	-	-
Trichlorophenol[2,4,5-]	SW-846:8270C	ug/L	43	0	0	9.43	11.1572	23.8	43	100	-	-	0	0	0	0	3650	Reg6	10	-	-	-
Trichlorophenol[2,4,6-]	SW-846:8270	ug/L	7	0	0	10.2	10.3	10.4	7	100	-	-	0	0	0	0	61.11958	Reg6	6	-	-	-
Trichlorophenol[2,4,6-]	SW-846:8270C	ug/L	42	0	0	9.43	10.8562	15.4	42	100	-	-	0	0	0	0	61.11958	Reg6	10	-	-	-
Pajarito, SVOA, UF, Alluvial																						
Acenaphthene	SW-846:8270C	ug/L	32	0	0	0.99	1.09094	2.2	32	100	-	-	0	0	0	0	365	Reg6	6	-	-	-
Acenaphthylene	SW-846:8270C	ug/L	32	0	0	0.99	1.09094	2.2	32	100	-	-	0	0	0	0	-	-	6	-	-	-
Aniline	SW-846:8270C	ug/L	32	0	0	9.9	10.9156	22.2	32	100	-	-	0	0	0	0	117.9501	Reg6	6	-	-	-
Anthracene	SW-846:8270C	ug/L	32	0	0	0.99	1.09094	2.2	32	100	-	-	0	0	0	0	1825	Reg6	6	-	-	-
Atrazine	SW-846:8270C	ug/L	32	0	0	9.9	10.9156	22.2	32	100	-	-	32	0	0	0	3	MCL	6	-	-	-
Azobenzene	SW-846:8270C	ug/L	32	0	0	9.9	10.9156	22.2	32	100	-	-	32	0	0	0	6.111958	Reg6	6	-	-	-
Benzidine	SW-846:8270C	ug/L	21	0	0	10	31.7143	52.6	21	100	-	-	21	0	0	0	0.000936258	Reg6	6	-	-	-
Benzo(a)anthracene	SW-846:8270C	ug/L	32	0	0	0.99	1.09094	2.2	32	100	-	-	32	0	0	0	0.2949853	Reg6	6	-	-	-
Benzo(a)pyrene	SW-846:8270C	ug/L	32	0	0	0.99	1.09094	2.2	32	100	-	-	32	0	0	0	0.2	MCL	6	-	-	-
Benzo(b)fluoranthene	SW-846:8270C	ug/L	32	0	0	0.99	1.09094	2.2	32	100	-	-	32	0	0	0	0.2949853	Reg6	6	-	-	-
Benzo(g,h,i)perylene	SW-846:8270C	ug/L	32	0	0	0.99	1.09094	2.2	32	100	-	-	0	0	0	0	-	-	6	-	-	-
Benzo(k)fluoranthene	SW-846:8270C	ug/L	32	0	0	0.99	1.09094	2.2	32	100	-	-	0	0	0	0	2.949853	Reg6	6	-	-	-
Benzoic Acid	SW-846:8270C	ug/L	28	0	0	19.8	22.0393	44.4	28	100	-	-	0	0	0	0	146000	Reg6	6	-	-	-
Benzyl Alcohol	SW-846:8270C	ug/L	32	0	0	9.9	10.9156	22.2	32	100	-	-	0	0	0	0	10950	Reg6	6	-	-	-
Bis(2-chloroethoxy)methane	SW-846:8270C	ug/L	32	0	0	9.9	10.9156	22.2	32	100	-	-	0	0	0	0	-	-	6	-	-	-
Bis(2-chloroethyl)ether	SW-846:8270C	ug/L	32	0	0	9.9	10.9156	22.2	32	100	-	-	32	0	0	0	0.602164	Reg6	6	-	-	-
Bis(2-ethylhexyl)phthalate	SW-846:8270C	ug/L	32	1	3	6.85	6.85	6.85	31	97	-	-	28	1	1	3	6	MCL	6	1	1	18-MW-9
Bromophenyl-phenylether[4-]	SW-846:8270C	ug/L	32	0	0	9.9	10.9156	22.2	32	100	-	-	0	0	0	0	-	-	6	-	-	-
Butylbenzylphthalate	SW-846:8270C	ug/L	32	0	0	9.9	10.9156	22.2	32	100	-	-	0	0	0	0	7300	Reg6	6	-	-	-
Chloro-3-methylphenol[4-]	SW-846:8270C	ug/L	28	0	0	9.9	11.0214	22.2	28	100	-	-	0	0	0	0	-	-	6	-	-	-
Chloroaniline[4-]	SW-846:8270C	ug/L	32	0	0	9.9	10.9156	22.2	32	100	-	-	0	0	0	0	146	Reg6	6	-	-	-
Chloronaphthalene[2-]	SW-846:8270C	ug/L	32	0	0	0.99	1.09094	2.2	32	100	-	-	0	0	0	0	486.6667	Reg6	6	-	-	-
Chlorophenol[2-]	SW-846:8270C	ug/L	28	0	0	9.9	11.0214	22.2	28	100	-	-	0	0	0	0	30.41667	Reg6	6	-	-	-
Chlorophenyl-phenyl[4-] Ether	SW-846:8270C	ug/L	32	0	0	9.9	10.9156	22.2	32	100	-	-	0	0	0	0	-	-	6	-	-	-
Chrysene	SW-846:8270C	ug/L	32	0	0	0.99	1.09094	2.2	32	100	-	-	32	0	0	0	0.2	MCL	6	-	-	-
Dibenz(a,h)anthracene	SW-846:8270C	ug/L	32	0	0	0.99	1.09094	2.2	32	100	-	-	32	0	0	0	0.02949853	Reg6	6	-	-	-
Dibenzofuran	SW-846:8270C	ug/L	32	0	0	9.9	10.9156	22.2	32	100	-	-	4	0	0	0	12.16667	Reg6	6	-	-	-
Dichlorobenzene[1,2-]	SW-846:8270C	ug/L	32	0	0	9.9	10.9156	22.2	32	100	-	-	0	0	0	0	600	MCL	6	-	-	-
Dichlorobenzene[1,3-]	SW-846:8270C	ug/L	32	0	0	9.9	10.9156	22.2	32	100	-	-	0	0	0	0	600	MCL	6	-	-	-
Dichlorobenzene[1,4-]	SW-846:8270C	ug/L	32	0	0	9.9	10.9156	22.2	32	100	-	-	0	0	0	0	75	MCL	6	-	-	-
Dichlorobenzidine[3,3'-]	SW-846:8270C	ug/L	32	0	0	9.9	10.9156	22.2	32	100	-	-	32	0	0	0	1.494034	Reg6	6	-	-	-
Dichlorophenol[2,4-]	SW-846:8270C	ug/L	24	0	0	9.9	11.1208	22.2	24	100	-	-	0	0	0	0	109.5	Reg6	6	-	-	-
Diethylphthalate	SW-846:8270C	ug/L	32	0	0	9.9	10.9156	22.2	32	100	-	-	0	0	0	0	29200	Reg6	6	-	-	-
Dimethyl Phthalate	SW-846:8270C	ug/L	32	0	0	9.9	10.9156	22.2	32	100	-	-	0	0	0	0	365000	Reg6	6	-	-	-
Dimethylphenol[2,4-]	SW-846:8270C	ug/L	28	0	0	9.9	11.0214	22.2	28	100	-	-	0	0	0	0	730	Reg6	6	-	-	-
Di-n-butylphthalate	SW-846:8270C	ug/L	30	0	0	9.9	10.9767	22.2	30	100	-	-	0	0	0	0	3650	Reg6	6	-	-	-
Dinitro-2-methylphenol[4,6-]	SW-846:8270C	ug/L	28	0	0	9.9	11.0214	22.2	28	100	-	-	0	0	0	0	-	-	6	-	-	-
Dinitrophenol[2,4-]	SW-846:8270C	ug/L	28	0	0	19.8	22.0393	44.4	28	100	-	-	0	0	0	0	73	Reg6	6	-	-	-
Dinitrotoluene[2,4-]	SW-846:8270C	ug/L	32	0	0	9.9	10.9156	22.2	32	100	-	-	0	0	0	0	73	Reg6	6	-	-	-
Dinitrotoluene[2,6-]	SW-846:8270C	ug/L	32	0	0	9.9	10.9156	22.2	32	100	-	-	0	0	0	0	36.5	Reg6	6	-	-	-

Table B-4
Screening Table for Pajarito Canyon Watershed (including Twomile and Threemile Canyons)

Analyte	Method	Units	No. of Analyses	No. of Detects	D Rate %	Min	Mean	Max	No. of Non-detects	ND Rate %	BV	D> BV	ND> Std	D> Std	D> Std/2	D>Std/2 Rate %	Level	Std Type	Locations with Data (number)	D>Std (number of locations)	D>Std/2 (number of locations)	D>Std Stations
Di-n-octylphthalate	SW-846:8270C	ug/L	32	0	0	9.9	10.9156	22.2	32	100	-	-	0	0	0	0	-	-	6	-	-	-
Dinoseb	SW-846:8270C	ug/L	28	0	0	9.9	11.0214	22.2	28	100	-	-	0	0	0	0	-	-	6	-	-	-
Dioxane[1,4-]	SW-846:8270C	ug/L	30	0	0	10	10.5733	12.5	30	100	-	-	0	0	0	0	61.11958	Reg6	6	-	-	-
Diphenylamine	SW-846:8270C	ug/L	32	0	0	9.9	10.9156	22.2	32	100	-	-	0	0	0	0	912.5	Reg6	6	-	-	-
Fluoranthene	SW-846:8270C	ug/L	32	0	0	0.99	1.09094	2.2	32	100	-	-	0	0	0	0	1460	Reg6	6	-	-	-
Fluorene	SW-846:8270C	ug/L	32	0	0	0.99	1.09094	2.2	32	100	-	-	0	0	0	0	243.3333	Reg6	6	-	-	-
Hexachlorobenzene	SW-846:8270C	ug/L	32	0	0	9.9	10.9156	22.2	32	100	-	-	32	0	0	0	1	MCL	6	-	-	-
Hexachlorobutadiene	SW-846:8270C	ug/L	32	0	0	9.9	10.9156	22.2	32	100	-	-	32	0	0	0	8.619427	Reg6	6	-	-	-
Hexachlorocyclopentadiene	SW-846:8270C	ug/L	32	0	0	9.9	10.9156	22.2	32	100	-	-	0	0	0	0	50	MCL	6	-	-	-
Hexachloroethane	SW-846:8270C	ug/L	32	0	0	9.9	10.9156	22.2	32	100	-	-	0	0	0	0	48.02252	Reg6	6	-	-	-
Indeno(1,2,3-cd)pyrene	SW-846:8270C	ug/L	32	0	0	0.99	1.09094	2.2	32	100	-	-	32	0	0	0	0.2949853	Reg6	6	-	-	-
Isophorone	SW-846:8270C	ug/L	32	0	0	9.9	10.9156	22.2	32	100	-	-	0	0	0	0	707.7004	Reg6	6	-	-	-
Methylnaphthalene[1-]	SW-846:8270C	ug/L	32	0	0	0.99	1.09094	2.2	32	100	-	-	0	0	0	0	-	-	6	-	-	-
Methylnaphthalene[2-]	SW-846:8270C	ug/L	32	0	0	0.99	1.09094	2.2	32	100	-	-	0	0	0	0	-	-	6	-	-	-
Methylphenol[2-]	SW-846:8270C	ug/L	28	0	0	9.9	11.0214	22.2	28	100	-	-	0	0	0	0	1825	Reg6	6	-	-	-
Methylphenol[3-,4-]	SW-846:8270C	ug/L	28	0	0	9.9	11.0214	22.2	28	100	-	-	0	0	0	0	-	-	6	-	-	-
Naphthalene	SW-846:8270C	ug/L	29	0	0	0.99	1.09966	2.2	29	100	-	-	0	0	0	0	30	NMGSU	6	-	-	-
Nitroaniline[2-]	SW-846:8270C	ug/L	32	0	0	9.9	10.9156	22.2	32	100	-	-	0	0	0	0	109.5	Reg6	6	-	-	-
Nitroaniline[3-]	SW-846:8270C	ug/L	32	0	0	9.9	10.9156	22.2	32	100	-	-	0	0	0	0	-	-	6	-	-	-
Nitroaniline[4-]	SW-846:8270C	ug/L	32	0	0	9.9	10.9156	22.2	32	100	-	-	0	0	0	0	-	-	6	-	-	-
Nitrobenzene	SW-846:8270C	ug/L	32	0	0	9.9	10.9156	22.2	32	100	-	-	32	0	0	0	3.395349	Reg6	6	-	-	-
Nitrophenol[2-]	SW-846:8270C	ug/L	19	0	0	9.9	11.3947	22.2	19	100	-	-	0	0	0	0	-	-	6	-	-	-
Nitrophenol[4-]	SW-846:8270C	ug/L	28	0	0	9.9	11.0214	22.2	28	100	-	-	0	0	0	0	292	Reg6	6	-	-	-
Nitrosodiethylamine[N-]	SW-846:8270C	ug/L	32	0	0	9.9	10.9156	22.2	32	100	-	-	32	0	0	0	0.001435595	Reg6	6	-	-	-
Nitrosodimethylamine[N-]	SW-846:8270C	ug/L	32	0	0	9.9	10.9156	22.2	32	100	-	-	32	0	0	0	0.004222338	Reg6	6	-	-	-
Nitroso-di-n-butylamine[N-]	SW-846:8270C	ug/L	32	0	0	9.9	10.9156	22.2	32	100	-	-	32	0	0	0	0.1226854	Reg6	6	-	-	-
Nitroso-di-n-propylamine[N-]	SW-846:8270C	ug/L	32	0	0	9.9	10.9156	22.2	32	100	-	-	32	0	0	0	0.09604505	Reg6	6	-	-	-
Nitrosopyrrolidine[N-]	SW-846:8270C	ug/L	32	0	0	9.9	10.9156	22.2	32	100	-	-	32	0	0	0	0.3201502	Reg6	6	-	-	-
Oxybis(1-chloropropane)[2,2'-]	SW-846:8270C	ug/L	31	0	0	9.9	10.9452	22.2	31	100	-	-	31	0	0	0	9.536393	Reg6	6	-	-	-
Pentachlorobenzene	SW-846:8270C	ug/L	32	0	0	9.9	10.9156	22.2	32	100	-	-	0	0	0	0	29.2	Reg6	6	-	-	-
Pentachlorophenol	SW-846:8270C	ug/L	26	0	0	9.9	11.05	22.2	26	100	-	-	26	0	0	0	1	MCL	6	-	-	-
Phenanthrene	SW-846:8270C	ug/L	30	0	0	0.99	1.097	2.2	30	100	-	-	0	0	0	0	-	-	6	-	-	-
Phenol	SW-846:8270C	ug/L	28	0	0	9.9	11.0214	22.2	28	100	-	-	28	0	0	0	5	NMGSU	6	-	-	-
Pyrene	SW-846:8270C	ug/L	32	0	0	0.99	1.09094	2.2	32	100	-	-	0	0	0	0	182.5	Reg6	6	-	-	-
Pyridine	SW-846:8270C	ug/L	13	0	0	10	10.8077	12.5	13	100	-	-	0	0	0	0	36.5	Reg6	6	-	-	-
Tetrachlorobenzene[1,2,4,5]	SW-846:8270C	ug/L	32	0	0	9.9	10.9156	22.2	32	100	-	-	32	0	0	0	0.00003	MCL	6	-	-	-
Tetrachlorophenol[2,3,4,6-]	SW-846:8270C	ug/L	28	0	0	9.9	11.0214	22.2	28	100	-	-	28	0	0	0	5	MCL	6	-	-	-
Trichlorobenzene[1,2,4-]	SW-846:8270C	ug/L	32	0	0	9.9	10.9156	22.2	32	100	-	-	0	0	0	0	70	MCL	6	-	-	-
Trichlorophenol[2,4,5-]	SW-846:8270C	ug/L	24	0	0	9.9	11.1208	22.2	24	100	-	-	0	0	0	0	3650	Reg6	6	-	-	-
Trichlorophenol[2,4,6-]	SW-846:8270C	ug/L	24	0	0	9.9	11.1208	22.2	24	100	-	-	0	0	0	0	61.11958	Reg6	6	-	-	-
Pajarito, SVOA, UF, Intermediate																						
Acenaphthene	SW-846:8270C	ug/L	26	0	0	1	1.12577	2.08	26	100	-	-	0	0	0	0	365	Reg6	5	-	-	-
Acenaphthylene	SW-846:8270C	ug/L	26	0	0	1	1.12577	2.08	26	100	-	-	0	0	0	0	-	-	5	-	-	-
Aniline	SW-846:8270C	ug/L	26	0	0	10	11.2654	20.8	26	100	-	-	0	0	0	0	117.9501	Reg6	5	-	-	-
Anthracene	SW-846:8270C	ug/L	26	0	0	1	1.12577	2.08	26	100	-	-	0	0	0	0	1825	Reg6	5	-	-	-
Atrazine	SW-846:8270C	ug/L	24	0	0	10	11.35	20.8	24	100	-	-	24	0	0	0	3	MCL	4	-	-	-
Azobenzene	SW-846:8270C	ug/L	25	0	0	10	11.308	20.8	25	100	-	-	25	0	0	0	6.111958	Reg6	4	-	-	-
Benzidine	SW-846:8270C	ug/L	10	0	0	10.4	18.75	51	10	100	-	-	10	0	0	0	0.000936258	Reg6	4	-	-	-
Benzo(a)anthracene	SW-846:8270C	ug/L	25	0	0	1	1.1264	2.08	25	100	-	-	25	0	0	0	0.2949853	Reg6	5	-	-	-
Benzo(a)pyrene	SW-846:8270C	ug/L	26	0	0	1	1.12577	2.08	26	100	-	-	26	0	0	0	0.2	MCL	5	-	-	-
Benzo(b)fluoranthene	SW-846:8270C	ug/L	26	0	0	1	1.12577	2.08	26	100	-	-	26	0	0	0	0.2949853	Reg6	5	-	-	-
Benzo(g,h,i)perylene	SW-846:8270C	ug/L	26	0	0	1	1.12577	2.08	26	100	-	-	0	0	0	0	-	-	5	-	-	-
Benzo(k)fluoranthene	SW-846:8270C	ug/L	26	0	0	1	1.12577	2.08	26	100	-	-	0	0	0	0	2.949853	Reg6	5	-	-	-
Benzoic Acid	SW-846:8270C	ug/L	23	0	0	20	22.7261	41.7	23	100	-	-	0	0	0	0	146000	Reg6	5	-	-	-
Benzyl Alcohol	SW-846:8270C	ug/L	26	0	0	10	11.2654	20.8	26	100	-	-	0	0	0	0	10950	Reg6	5	-	-	-
Bis(2-chloroethoxy)methane	SW-846:8270C	ug/L	22	0	0	10	11.4591	20.8	22	100	-	-	0	0	0	0	-	-	5	-	-	-
Bis(2-chloroethyl)ether	SW-846:8270C	ug/L	26	0	0	10	11.2654	20.8	26	100	-	-	26	0	0	0	0.602164	Reg6	5	-	-	-
Bis(2-ethylhexyl)phthalate	SW-846:8270C	ug/L	26	1	4	19.5	19.5	19.5	25	96	-	-	24	1	1	4	6	MCL	5	1	1	03-B-9

Table B-4
Screening Table for Pajarito Canyon Watershed (including Twomile and Threemile Canyons)

Analyte	Method	Units	No. of Analyses	No. of Detects	D Rate %	Min	Mean	Max	No. of Non-detects	ND Rate %	BV	D> BV	ND> Std	D> Std	D> Std/2	D>Std/2 Rate %	Level	Std Type	Locations with Data (number)	D>Std (number of locations)	D>Std/2 (number of locations)	D>Std Stations
Bromophenyl-phenylether[4-]	SW-846:8270C	ug/L	26	0	0	10	11.2654	20.8	26	100	-	-	0	0	0	0	-	-	5	-	-	-
Butylbenzylphthalate	SW-846:8270C	ug/L	26	0	0	10	11.2654	20.8	26	100	-	-	0	0	0	0	7300	Reg6	5	-	-	-
Chloro-3-methylphenol[4-]	SW-846:8270C	ug/L	23	0	0	10	11.3609	20.8	23	100	-	-	0	0	0	0	-	-	5	-	-	-
Chloroaniline[4-]	SW-846:8270C	ug/L	26	0	0	10	11.2654	20.8	26	100	-	-	0	0	0	0	146	Reg6	5	-	-	-
Chloronaphthalene[2-]	SW-846:8270C	ug/L	26	0	0	1	1.12577	2.08	26	100	-	-	0	0	0	0	486.6667	Reg6	5	-	-	-
Chlorophenol[2-]	SW-846:8270C	ug/L	23	0	0	10	11.3609	20.8	23	100	-	-	0	0	0	0	30.41667	Reg6	5	-	-	-
Chlorophenyl-phenyl[4-] Ether	SW-846:8270C	ug/L	26	0	0	10	11.2654	20.8	26	100	-	-	0	0	0	0	-	-	5	-	-	-
Chrysene	SW-846:8270C	ug/L	25	0	0	1	1.1264	2.08	25	100	-	-	25	0	0	0	0.2	MCL	5	-	-	-
Dibenz(a,h)anthracene	SW-846:8270C	ug/L	26	0	0	1	1.12577	2.08	26	100	-	-	26	0	0	0	0.02949853	Reg6	5	-	-	-
Dibenzofuran	SW-846:8270C	ug/L	26	0	0	10	11.2654	20.8	26	100	-	-	2	0	0	0	12.16667	Reg6	5	-	-	-
Dichlorobenzene[1,2-]	SW-846:8270C	ug/L	26	1	4	0.47	0.47	0.47	25	96	-	-	0	0	0	0	600	MCL	5	-	-	-
Dichlorobenzene[1,3-]	SW-846:8270C	ug/L	26	0	0	10	11.2654	20.8	26	100	-	-	0	0	0	0	600	MCL	5	-	-	-
Dichlorobenzene[1,4-]	SW-846:8270C	ug/L	26	0	0	10	11.2654	20.8	26	100	-	-	0	0	0	0	75	MCL	5	-	-	-
Dichlorobenzidine[3,3'-]	SW-846:8270C	ug/L	26	0	0	10	11.2654	20.8	26	100	-	-	26	0	0	0	1.494034	Reg6	5	-	-	-
Dichlorophenol[2,4-]	SW-846:8270C	ug/L	23	0	0	10	11.3609	20.8	23	100	-	-	0	0	0	0	109.5	Reg6	5	-	-	-
Diethylphthalate	SW-846:8270C	ug/L	26	0	0	10	11.2654	20.8	26	100	-	-	0	0	0	0	29200	Reg6	5	-	-	-
Dimethyl Phthalate	SW-846:8270C	ug/L	26	0	0	10	11.2654	20.8	26	100	-	-	0	0	0	0	365000	Reg6	5	-	-	-
Dimethylphenol[2,4-]	SW-846:8270C	ug/L	21	0	0	10	11.4762	20.8	21	100	-	-	0	0	0	0	730	Reg6	5	-	-	-
Di-n-butylphthalate	SW-846:8270C	ug/L	26	0	0	10	11.2654	20.8	26	100	-	-	0	0	0	0	3650	Reg6	5	-	-	-
Dinitro-2-methylphenol[4,6-]	SW-846:8270C	ug/L	23	0	0	10	11.3609	20.8	23	100	-	-	0	0	0	0	-	-	5	-	-	-
Dinitrophenol[2,4-]	SW-846:8270C	ug/L	23	0	0	20	22.7261	41.7	23	100	-	-	0	0	0	0	73	Reg6	5	-	-	-
Dinitrotoluene[2,4-]	SW-846:8270C	ug/L	26	0	0	10	11.2654	20.8	26	100	-	-	0	0	0	0	73	Reg6	5	-	-	-
Dinitrotoluene[2,6-]	SW-846:8270C	ug/L	26	0	0	10	11.2654	20.8	26	100	-	-	0	0	0	0	36.5	Reg6	5	-	-	-
Di-n-octylphthalate	SW-846:8270C	ug/L	26	0	0	10	11.2654	20.8	26	100	-	-	0	0	0	0	-	-	5	-	-	-
Dinoseb	SW-846:8270C	ug/L	22	0	0	10	11.4136	20.8	22	100	-	-	0	0	0	0	-	-	4	-	-	-
Dioxane[1,4-]	SW-846:8270C	ug/L	25	13	52	8.56	67.0354	146	12	48	-	-	0	7	9	36	61.11958	Reg6	4	2	2	03-B-10, 03-B-13
Diphenylamine	SW-846:8270C	ug/L	26	0	0	10	11.2654	20.8	26	100	-	-	0	0	0	0	912.5	Reg6	5	-	-	-
Diphenylhydrazine[1,2-]	SW-846:8270C	ug/L	1	0	0	10.2	10.2	10.2	1	100	-	-	1	0	0	0	0.8403942	Reg6	1	-	-	-
Fluoranthene	SW-846:8270C	ug/L	26	0	0	1	1.12577	2.08	26	100	-	-	0	0	0	0	1460	Reg6	5	-	-	-
Fluorene	SW-846:8270C	ug/L	26	0	0	1	1.12577	2.08	26	100	-	-	0	0	0	0	243.3333	Reg6	5	-	-	-
Hexachlorobenzene	SW-846:8270C	ug/L	26	0	0	10	11.2654	20.8	26	100	-	-	26	0	0	0	1	MCL	5	-	-	-
Hexachlorobutadiene	SW-846:8270C	ug/L	26	0	0	10	11.2654	20.8	26	100	-	-	26	0	0	0	8.619427	Reg6	5	-	-	-
Hexachlorocyclopentadiene	SW-846:8270C	ug/L	26	0	0	10	11.2654	20.8	26	100	-	-	0	0	0	0	50	MCL	5	-	-	-
Hexachloroethane	SW-846:8270C	ug/L	26	0	0	10	11.2654	20.8	26	100	-	-	0	0	0	0	48.02252	Reg6	5	-	-	-
Indeno(1,2,3-cd)pyrene	SW-846:8270C	ug/L	26	0	0	1	1.12577	2.08	26	100	-	-	26	0	0	0	0.2949853	Reg6	5	-	-	-
Isophorone	SW-846:8270C	ug/L	26	0	0	10	11.2654	20.8	26	100	-	-	0	0	0	0	707.7004	Reg6	5	-	-	-
Methylnaphthalene[1-]	SW-846:8270C	ug/L	22	0	0	1	1.14227	2.08	22	100	-	-	0	0	0	0	-	-	4	-	-	-
Methylnaphthalene[2-]	SW-846:8270C	ug/L	25	0	0	1	1.1264	2.08	25	100	-	-	0	0	0	0	-	-	5	-	-	-
Methylphenol[2-]	SW-846:8270C	ug/L	23	0	0	10	11.3609	20.8	23	100	-	-	0	0	0	0	1825	Reg6	5	-	-	-
Methylphenol[3-,4-]	SW-846:8270C	ug/L	22	0	0	10	11.4136	20.8	22	100	-	-	0	0	0	0	-	-	4	-	-	-
Methylphenol[4-]	SW-846:8270C	ug/L	1	0	0	10.2	10.2	10.2	1	100	-	-	0	0	0	0	182.5	Reg6	1	-	-	-
Methylpyridine[2-]	SW-846:8270C	ug/L	1	0	0	10.2	10.2	10.2	1	100	-	-	0	0	0	0	-	-	1	-	-	-
Naphthalene	SW-846:8270C	ug/L	20	0	0	1	1.1525	2.08	20	100	-	-	0	0	0	0	30	NMGSU	5	-	-	-
Nitroaniline[2-]	SW-846:8270C	ug/L	26	0	0	10	11.2654	20.8	26	100	-	-	0	0	0	0	109.5	Reg6	5	-	-	-
Nitroaniline[3-]	SW-846:8270C	ug/L	26	0	0	10	11.2654	20.8	26	100	-	-	0	0	0	0	-	-	5	-	-	-
Nitroaniline[4-]	SW-846:8270C	ug/L	26	0	0	10	11.2654	20.8	26	100	-	-	0	0	0	0	-	-	5	-	-	-
Nitrobenzene	SW-846:8270C	ug/L	26	0	0	10	11.2654	20.8	26	100	-	-	26	0	0	0	3.395349	Reg6	5	-	-	-
Nitrophenol[2-]	SW-846:8270C	ug/L	21	0	0	10	11.419	20.8	21	100	-	-	0	0	0	0	-	-	5	-	-	-
Nitrophenol[4-]	SW-846:8270C	ug/L	23	0	0	10	11.3609	20.8	23	100	-	-	0	0	0	0	292	Reg6	5	-	-	-
Nitrosodiethylamine[N-]	SW-846:8270C	ug/L	25	0	0	10	11.308	20.8	25	100	-	-	25	0	0	0	0.001435595	Reg6	4	-	-	-
Nitrosodimethylamine[N-]	SW-846:8270C	ug/L	26	0	0	10	11.2654	20.8	26	100	-	-	26	0	0	0	0.004222338	Reg6	5	-	-	-
Nitroso-di-n-butylamine[N-]	SW-846:8270C	ug/L	25	0	0	10	11.308	20.8	25	100	-	-	25	0	0	0	0.1226854	Reg6	4	-	-	-
Nitroso-di-n-propylamine[N-]	SW-846:8270C	ug/L	26	0	0	10	11.2654	20.8	26	100	-	-	26	0	0	0	0.09604505	Reg6	5	-	-	-
Nitrosopyrrolidine[N-]	SW-846:8270C	ug/L	25	0	0	10	11.308	20.8	25	100	-	-	25	0	0	0	0.3201502	Reg6	4	-	-	-
Oxybis(1-chloropropane)[2,2'-]	SW-846:8270C	ug/L	24	0	0	10	11.3583	20.8	24	100	-	-	24	0	0	0	9.536393	Reg6	5	-	-	-
Pentachlorobenzene	SW-846:8270C	ug/L	25	0	0	10	11.308	20.8	25	100	-	-	0	0	0	0	29.2	Reg6	4	-	-	-
Pentachlorophenol	SW-846:8270C	ug/L	22	0	0	10	11.3818	20.8	22	100	-	-	22	0	0	0	1	MCL	5	-	-	-
Phenanthrene	SW-846:8270C	ug/L	25	0	0	1	1.1296	2.08	25	100	-	-	0	0	0	0	-	-	5	-	-	-

Table B-4
Screening Table for Pajarito Canyon Watershed (including Twomile and Threemile Canyons)

Analyte	Method	Units	No. of Analyses	No. of Detects	D Rate %	Min	Mean	Max	No. of Non-detects	ND Rate %	BV	D> BV	ND> Std	D> Std	D> Std/2	D>Std/2 Rate %	Level	Std Type	Locations with Data (number)	D>Std (number of locations)	D>Std/2 (number of locations)	D>Std Stations
Phenol	SW-846:8270C	ug/L	23	0	0	*10*	*11.3609*	*20.8*	23	100	-	-	23	0	0	0	5	NMGSU	5	-	-	-
Pyrene	SW-846:8270C	ug/L	25	0	0	*1*	*1.1264*	*2.08*	25	100	-	-	0	0	0	0	182.5	Reg6	5	-	-	-
Pyridine	SW-846:8270C	ug/L	8	0	0	*10.2*	*10.5875*	*11.1*	8	100	-	-	0	0	0	0	36.5	Reg6	5	-	-	-
Tetrachlorobenzene[1,2,4,5]	SW-846:8270C	ug/L	25	0	0	*10*	*11.308*	*20.8*	25	100	-	-	25	0	0	0	0.00003	MCL	4	-	-	-
Tetrachlorophenol[2,3,4,6-]	SW-846:8270C	ug/L	22	0	0	*10*	*11.4136*	*20.8*	22	100	-	-	22	0	0	0	5	MCL	4	-	-	-
Trichlorobenzene[1,2,4-]	SW-846:8270C	ug/L	26	0	0	*10*	*11.2654*	*20.8*	26	100	-	-	0	0	0	0	70	MCL	5	-	-	-
Trichlorophenol[2,4,5-]	SW-846:8270C	ug/L	23	0	0	*10*	*11.3609*	*20.8*	23	100	-	-	0	0	0	0	3650	Reg6	5	-	-	-
Trichlorophenol[2,4,6-]	SW-846:8270C	ug/L	23	0	0	*10*	*11.3609*	*20.8*	23	100	-	-	0	0	0	0	61.11958	Reg6	5	-	-	-
Pajarito, SVOA, UF, Regional																						
Acenaphthene	EPA:625	ug/L	5	0	0	*1*	*1*	*1*	5	100	-	-	0	0	0	0	365	Reg6	1	-	-	-
Acenaphthene	SW-846:8270	ug/L	37	0	0	*1*	*1.04595*	*1.2*	37	100	-	-	0	0	0	0	365	Reg6	5	-	-	-
Acenaphthene	SW-846:8270C	ug/L	90	0	0	*0.98*	*1.082*	*2.2*	90	100	-	-	0	0	0	0	365	Reg6	7	-	-	-
Acenaphthylene	EPA:625	ug/L	5	0	0	*1*	*1*	*1*	5	100	-	-	0	0	0	0	-	-	1	-	-	-
Acenaphthylene	SW-846:8270	ug/L	37	0	0	*1*	*1.04595*	*1.2*	37	100	-	-	0	0	0	0	-	-	5	-	-	-
Acenaphthylene	SW-846:8270C	ug/L	90	0	0	*0.98*	*1.082*	*2.2*	90	100	-	-	0	0	0	0	-	-	7	-	-	-
Aniline	EPA:625	ug/L	5	0	0	*10*	*10.2*	*10.5*	5	100	-	-	0	0	0	0	117.9501	Reg6	1	-	-	-
Aniline	SW-846:8270	ug/L	37	0	0	*10*	*10.5162*	*11.8*	37	100	-	-	0	0	0	0	117.9501	Reg6	5	-	-	-
Aniline	SW-846:8270C	ug/L	89	0	0	*9.8*	*10.8404*	*21.7*	89	100	-	-	0	0	0	0	117.9501	Reg6	7	-	-	-
Anthracene	EPA:625	ug/L	5	0	0	*1*	*1*	*1*	5	100	-	-	0	0	0	0	1825	Reg6	1	-	-	-
Anthracene	SW-846:8270	ug/L	37	0	0	*1*	*1.04595*	*1.2*	37	100	-	-	0	0	0	0	1825	Reg6	5	-	-	-
Anthracene	SW-846:8270C	ug/L	90	0	0	*0.98*	*1.082*	*2.2*	90	100	-	-	0	0	0	0	1825	Reg6	7	-	-	-
Atrazine	SW-846:8270C	ug/L	69	0	0	*9.8*	*10.9696*	*21.7*	69	100	-	-	69	0	0	0	3	MCL	7	-	-	-
Azobenzene	EPA:625	ug/L	5	0	0	*10*	*10.2*	*10.5*	5	100	-	-	5	0	0	0	6.111958	Reg6	1	-	-	-
Azobenzene	SW-846:8270	ug/L	37	0	0	*10*	*10.5162*	*11.8*	37	100	-	-	37	0	0	0	6.111958	Reg6	5	-	-	-
Azobenzene	SW-846:8270C	ug/L	80	0	0	*1*	*10.19*	*21.7*	80	100	-	-	74	0	0	0	6.111958	Reg6	7	-	-	-
Benzidine	EPA:625	ug/L	4	0	0	*50*	*51.3*	*52.6*	4	100	-	-	4	0	0	0	0.000936258	Reg6	1	-	-	-
Benzidine	SW-846:8270	ug/L	8	0	0	*50.5*	*52.4375*	*53.8*	8	100	-	-	8	0	0	0	0.000936258	Reg6	3	-	-	-
Benzidine	SW-846:8270C	ug/L	57	0	0	*10.4*	*38.4561*	*109*	57	100	-	-	57	0	0	0	0.000936258	Reg6	7	-	-	-
Benzo(a)anthracene	EPA:625	ug/L	5	0	0	*1*	*1*	*1*	5	100	-	-	5	0	0	0	0.2949853	Reg6	1	-	-	-
Benzo(a)anthracene	SW-846:8270	ug/L	37	0	0	*1*	*1.04595*	*1.2*	37	100	-	-	37	0	0	0	0.2949853	Reg6	5	-	-	-
Benzo(a)anthracene	SW-846:8270C	ug/L	90	0	0	*0.98*	*1.082*	*2.2*	90	100	-	-	90	0	0	0	0.2949853	Reg6	7	-	-	-
Benzo(a)pyrene	EPA:625	ug/L	5	0	0	*1*	*1*	*1*	5	100	-	-	5	0	0	0	0.2	MCL	1	-	-	-
Benzo(a)pyrene	SW-846:8270	ug/L	37	0	0	*1*	*1.04595*	*1.2*	37	100	-	-	37	0	0	0	0.2	MCL	5	-	-	-
Benzo(a)pyrene	SW-846:8270C	ug/L	90	0	0	*0.98*	*1.082*	*2.2*	90	100	-	-	90	0	0	0	0.2	MCL	7	-	-	-
Benzo(b)fluoranthene	EPA:625	ug/L	5	0	0	*1*	*1*	*1*	5	100	-	-	5	0	0	0	0.2949853	Reg6	1	-	-	-
Benzo(b)fluoranthene	SW-846:8270	ug/L	37	0	0	*1*	*1.04595*	*1.2*	37	100	-	-	37	0	0	0	0.2949853	Reg6	5	-	-	-
Benzo(b)fluoranthene	SW-846:8270C	ug/L	90	0	0	*0.98*	*1.082*	*2.2*	90	100	-	-	90	0	0	0	0.2949853	Reg6	7	-	-	-
Benzo(g,h,i)perylene	EPA:625	ug/L	5	0	0	*1*	*1*	*1*	5	100	-	-	0	0	0	0	-	-	1	-	-	-
Benzo(g,h,i)perylene	SW-846:8270	ug/L	37	0	0	*1*	*1.04595*	*1.2*	37	100	-	-	0	0	0	0	-	-	5	-	-	-
Benzo(g,h,i)perylene	SW-846:8270C	ug/L	90	0	0	*0.98*	*1.082*	*2.2*	90	100	-	-	0	0	0	0	-	-	7	-	-	-
Benzo(k)fluoranthene	EPA:625	ug/L	5	0	0	*1*	*1*	*1*	5	100	-	-	0	0	0	0	2.949853	Reg6	1	-	-	-
Benzo(k)fluoranthene	SW-846:8270	ug/L	37	0	0	*1*	*1.04595*	*1.2*	37	100	-	-	0	0	0	0	2.949853	Reg6	5	-	-	-
Benzo(k)fluoranthene	SW-846:8270C	ug/L	90	0	0	*0.98*	*1.082*	*2.2*	90	100	-	-	0	0	0	0	2.949853	Reg6	7	-	-	-
Benzoic Acid	EPA:625	ug/L	5	0	0	*20*	*20.4*	*21*	5	100	-	-	0	0	0	0	146000	Reg6	1	-	-	-
Benzoic Acid	SW-846:8270	ug/L	32	0	0	*20*	*21.0625*	*23.5*	32	100	-	-	0	0	0	0	146000	Reg6	5	-	-	-
Benzoic Acid	SW-846:8270C	ug/L	83	3	4	12.5	15.5333	18.2	80	96	-	-	0	0	0	0	146000	Reg6	7	-	-	-
Benzyl Alcohol	EPA:625	ug/L	5	0	0	*10*	*10.2*	*10.5*	5	100	-	-	0	0	0	0	10950	Reg6	1	-	-	-
Benzyl Alcohol	SW-846:8270	ug/L	37	0	0	*10*	*10.5162*	*11.8*	37	100	-	-	0	0	0	0	10950	Reg6	5	-	-	-
Benzyl Alcohol	SW-846:8270C	ug/L	90	0	0	*9.8*	*10.8433*	*21.7*	90	100	-	-	0	0	0	0	10950	Reg6	7	-	-	-
Bis(2-chloroethoxy)methane	EPA:625	ug/L	5	0	0	*10*	*10.2*	*10.5*	5	100	-	-	0	0	0	0	-	-	1	-	-	-
Bis(2-chloroethoxy)methane	SW-846:8270	ug/L	37	0	0	*10*	*10.5162*	*11.8*	37	100	-	-	0	0	0	0	-	-	5	-	-	-
Bis(2-chloroethoxy)methane	SW-846:8270C	ug/L	87	0	0	*9.8*	*10.8552*	*21.7*	87	100	-	-	0	0	0	0	-	-	7	-	-	-
Bis(2-chloroethyl)ether	EPA:625	ug/L	5	0	0	*10*	*10.2*	*10.5*	5	100	-	-	5	0	0	0	0.602164	Reg6	1	-	-	-
Bis(2-chloroethyl)ether	SW-846:8270	ug/L	37	0	0	*10*	*10.5162*	*11.8*	37	100	-	-	37	0	0	0	0.602164	Reg6	5	-	-	-
Bis(2-chloroethyl)ether	SW-846:8270C	ug/L	90	0	0	*9.8*	*10.8433*	*21.7*	90	100	-	-	90	0	0	0	0.602164	Reg6	7	-	-	-
Bis(2-ethylhexyl)phthalate	EPA:625	ug/L	5	0	0	*10*	*10.2*	*10.5*	5	100	-	-	5	0	0	0	6	MCL	1	-	-	-
Bis(2-ethylhexyl)phthalate	SW-846:8270	ug/L	37	9	24	1.3	3.08889	7.6	28	76	-	-	24	1	3	8	6	MCL	5	1	3	R-23
Bis(2-ethylhexyl)phthalate	SW-846:8270C	ug/L	91	6	7	0.23	2.93333	4.6	85	93	-	-	80	0	3	3	6	MCL	7	-	3	-

Analyte	Method	Units	No. of Analyses	No. of Detects	D Rate %	Min	Mean	Max	No. of Non-detects	ND Rate %	BV	D> BV	ND> Std	D> Std	D> Std/2	D>Std/2 Rate %	Level	Std Type	Locations with Data (number)	D>Std (number of locations)	D>Std/2 (number of locations)	D>Std Stations
Bromophenyl-phenylether[4-]	EPA:625	ug/L	5	0	0	*10*	*10.2*	*10.5*	5	100	-	-	0	0	0	0	-	-	1	-	-	-
Bromophenyl-phenylether[4-]	SW-846:8270	ug/L	37	0	0	*10*	*10.5162*	*11.8*	37	100	-	-	0	0	0	0	-	-	5	-	-	-
Bromophenyl-phenylether[4-]	SW-846:8270C	ug/L	90	0	0	*9.8*	*10.8433*	*21.7*	90	100	-	-	0	0	0	0	-	-	7	-	-	-
Butylbenzylphthalate	EPA:625	ug/L	5	0	0	*10*	*10.2*	*10.5*	5	100	-	-	0	0	0	0	7300	Reg6	1	-	-	-
Butylbenzylphthalate	SW-846:8270	ug/L	37	1	3	1.6	1.6	1.6	36	97	-	-	0	0	0	0	7300	Reg6	5	-	-	-
Butylbenzylphthalate	SW-846:8270C	ug/L	90	1	1	9.8	9.8	9.8	89	99	-	-	0	0	0	0	7300	Reg6	7	-	-	-
Chloro-3-methylphenol[4-]	EPA:625	ug/L	5	0	0	*10*	*10.2*	*10.5*	5	100	-	-	0	0	0	0	-	-	1	-	-	-
Chloro-3-methylphenol[4-]	SW-846:8270	ug/L	37	0	0	*10*	*10.5162*	*11.8*	37	100	-	-	0	0	0	0	-	-	5	-	-	-
Chloro-3-methylphenol[4-]	SW-846:8270C	ug/L	88	0	0	*9.8*	*10.842*	*21.7*	88	100	-	-	0	0	0	0	-	-	7	-	-	-
Chloroaniline[4-]	EPA:625	ug/L	5	0	0	*10*	*10.2*	*10.5*	5	100	-	-	0	0	0	0	146	Reg6	1	-	-	-
Chloroaniline[4-]	SW-846:8270	ug/L	37	0	0	*10*	*10.5162*	*11.8*	37	100	-	-	0	0	0	0	146	Reg6	5	-	-	-
Chloroaniline[4-]	SW-846:8270C	ug/L	90	0	0	*9.8*	*10.8433*	*21.7*	90	100	-	-	0	0	0	0	146	Reg6	7	-	-	-
Chloronaphthalene[2-]	EPA:625	ug/L	5	0	0	*1*	*1*	*1*	5	100	-	-	0	0	0	0	486.6667	Reg6	1	-	-	-
Chloronaphthalene[2-]	SW-846:8270	ug/L	37	0	0	*1*	*1.04595*	*1.2*	37	100	-	-	0	0	0	0	486.6667	Reg6	5	-	-	-
Chloronaphthalene[2-]	SW-846:8270C	ug/L	90	0	0	*0.98*	*1.082*	*2.2*	90	100	-	-	0	0	0	0	486.6667	Reg6	7	-	-	-
Chlorophenol[2-]	EPA:625	ug/L	5	0	0	*10*	*10.2*	*10.5*	5	100	-	-	0	0	0	0	30.41667	Reg6	1	-	-	-
Chlorophenol[2-]	SW-846:8270	ug/L	37	0	0	*10*	*10.5162*	*11.8*	37	100	-	-	0	0	0	0	30.41667	Reg6	5	-	-	-
Chlorophenol[2-]	SW-846:8270C	ug/L	88	0	0	*9.8*	*10.842*	*21.7*	88	100	-	-	0	0	0	0	30.41667	Reg6	7	-	-	-
Chlorophenyl-phenyl[4-] Ether	EPA:625	ug/L	5	0	0	*10*	*10.2*	*10.5*	5	100	-	-	0	0	0	0	-	-	1	-	-	-
Chlorophenyl-phenyl[4-] Ether	SW-846:8270	ug/L	37	0	0	*10*	*10.5162*	*11.8*	37	100	-	-	0	0	0	0	-	-	5	-	-	-
Chlorophenyl-phenyl[4-] Ether	SW-846:8270C	ug/L	90	0	0	*9.8*	*10.8433*	*21.7*	90	100	-	-	0	0	0	0	-	-	7	-	-	-
Chrysene	EPA:625	ug/L	5	0	0	*1*	*1*	*1*	5	100	-	-	5	0	0	0	0.2	MCL	1	-	-	-
Chrysene	SW-846:8270	ug/L	37	0	0	*1*	*1.04595*	*1.2*	37	100	-	-	37	0	0	0	0.2	MCL	5	-	-	-
Chrysene	SW-846:8270C	ug/L	90	0	0	*0.98*	*1.082*	*2.2*	90	100	-	-	90	0	0	0	0.2	MCL	7	-	-	-
Dibenz(a,h)anthracene	EPA:625	ug/L	5	0	0	*1*	*1*	*1*	5	100	-	-	5	0	0	0	0.02949853	Reg6	1	-	-	-
Dibenz(a,h)anthracene	SW-846:8270	ug/L	37	0	0	*1*	*1.04595*	*1.2*	37	100	-	-	37	0	0	0	0.02949853	Reg6	5	-	-	-
Dibenz(a,h)anthracene	SW-846:8270C	ug/L	90	0	0	*0.98*	*1.082*	*2.2*	90	100	-	-	90	0	0	0	0.02949853	Reg6	7	-	-	-
Dibenzofuran	EPA:625	ug/L	5	0	0	*10*	*10.2*	*10.5*	5	100	-	-	0	0	0	0	12.16667	Reg6	1	-	-	-
Dibenzofuran	SW-846:8270	ug/L	37	0	0	*10*	*10.5162*	*11.8*	37	100	-	-	0	0	0	0	12.16667	Reg6	5	-	-	-
Dibenzofuran	SW-846:8270C	ug/L	90	0	0	*9.8*	*10.8433*	*21.7*	90	100	-	-	4	0	0	0	12.16667	Reg6	7	-	-	-
Dichlorobenzene[1,2-]	EPA:625	ug/L	5	0	0	*10*	*10.2*	*10.5*	5	100	-	-	0	0	0	0	600	MCL	1	-	-	-
Dichlorobenzene[1,2-]	SW-846:8270	ug/L	37	0	0	*10*	*10.5162*	*11.8*	37	100	-	-	0	0	0	0	600	MCL	5	-	-	-
Dichlorobenzene[1,2-]	SW-846:8270C	ug/L	90	0	0	*9.8*	*10.8433*	*21.7*	90	100	-	-	0	0	0	0	600	MCL	7	-	-	-
Dichlorobenzene[1,3-]	EPA:625	ug/L	5	0	0	*10*	*10.2*	*10.5*	5	100	-	-	0	0	0	0	600	MCL	1	-	-	-
Dichlorobenzene[1,3-]	SW-846:8270	ug/L	37	0	0	*10*	*10.5162*	*11.8*	37	100	-	-	0	0	0	0	600	MCL	5	-	-	-
Dichlorobenzene[1,3-]	SW-846:8270C	ug/L	90	0	0	*9.8*	*10.8433*	*21.7*	90	100	-	-	0	0	0	0	600	MCL	7	-	-	-
Dichlorobenzene[1,4-]	EPA:625	ug/L	5	0	0	*10*	*10.2*	*10.5*	5	100	-	-	0	0	0	0	75	MCL	1	-	-	-
Dichlorobenzene[1,4-]	SW-846:8270	ug/L	37	0	0	*10*	*10.5162*	*11.8*	37	100	-	-	0	0	0	0	75	MCL	5	-	-	-
Dichlorobenzene[1,4-]	SW-846:8270C	ug/L	90	0	0	*9.8*	*10.8433*	*21.7*	90	100	-	-	0	0	0	0	75	MCL	7	-	-	-
Dichlorobenzidine[3,3'-]	EPA:625	ug/L	5	0	0	*10*	*10.2*	*10.5*	5	100	-	-	5	0	0	0	1.494034	Reg6	1	-	-	-
Dichlorobenzidine[3,3'-]	SW-846:8270	ug/L	37	0	0	*10*	*10.5162*	*11.8*	37	100	-	-	37	0	0	0	1.494034	Reg6	5	-	-	-
Dichlorobenzidine[3,3'-]	SW-846:8270C	ug/L	89	0	0	*9.8*	*10.8404*	*21.7*	89	100	-	-	89	0	0	0	1.494034	Reg6	7	-	-	-
Dichlorophenol[2,4-]	EPA:625	ug/L	5	0	0	*10*	*10.2*	*10.5*	5	100	-	-	0	0	0	0	109.5	Reg6	1	-	-	-
Dichlorophenol[2,4-]	SW-846:8270	ug/L	37	0	0	*10*	*10.5162*	*11.8*	37	100	-	-	0	0	0	0	109.5	Reg6	5	-	-	-
Dichlorophenol[2,4-]	SW-846:8270C	ug/L	86	0	0	*9.8*	*10.8512*	*21.7*	86	100	-	-	0	0	0	0	109.5	Reg6	7	-	-	-
Diethylphthalate	EPA:625	ug/L	5	0	0	*10*	*10.2*	*10.5*	5	100	-	-	0	0	0	0	29200	Reg6	1	-	-	-
Diethylphthalate	SW-846:8270	ug/L	37	3	8	1	1.5	2	34	92	-	-	0	0	0	0	29200	Reg6	5	-	-	-
Diethylphthalate	SW-846:8270C	ug/L	90	0	0	*0.98*	*10.7398*	*21.7*	90	100	-	-	0	0	0	0	29200	Reg6	7	-	-	-
Dimethyl Phthalate	EPA:625	ug/L	5	0	0	*10*	*10.2*	*10.5*	5	100	-	-	0	0	0	0	365000	Reg6	1	-	-	-
Dimethyl Phthalate	SW-846:8270	ug/L	37	0	0	*10*	*10.5162*	*11.8*	37	100	-	-	0	0	0	0	365000	Reg6	5	-	-	-
Dimethyl Phthalate	SW-846:8270C	ug/L	90	0	0	*9.8*	*10.8433*	*21.7*	90	100	-	-	0	0	0	0	365000	Reg6	7	-	-	-
Dimethylphenol[2,4-]	EPA:625	ug/L	5	0	0	*10*	*10.2*	*10.5*	5	100	-	-	0	0	0	0	730	Reg6	1	-	-	-
Dimethylphenol[2,4-]	SW-846:8270	ug/L	37	0	0	*10*	*10.5162*	*11.8*	37	100	-	-	0	0	0	0	730	Reg6	5	-	-	-
Dimethylphenol[2,4-]	SW-846:8270C	ug/L	82	0	0	*9.8*	*10.761*	*21.7*	82	100	-	-	0	0	0	0	730	Reg6	7	-	-	-
Di-n-butylphthalate	EPA:625	ug/L	5	0	0	*10*	*10.2*	*10.5*	5	100	-	-	0	0	0	0	3650	Reg6	1	-	-	-
Di-n-butylphthalate	SW-846:8270	ug/L	37	1	3	1.2	1.2	1.2	36	97	-	-	0	0	0	0	3650	Reg6	5	-	-	-
Di-n-butylphthalate	SW-846:8270C	ug/L	82	0	0	*9.8*	*10.7793*	*21.7*	82	100	-	-	0	0	0	0	3650	Reg6	7	-	-	-
Dinitro-2-methylphenol[4,6-]	EPA:625	ug/L	5	0	0	*10*	*10.2*	*10.5*	5	100	-	-	0	0	0	0	-	-	1	-	-	-

Table B-4
Screening Table for Pajarito Canyon Watershed (including Twomile and Threemile Canyons)

Analyte	Method	Units	No. of Analyses	No. of Detects	D Rate %	Min	Mean	Max	No. of Non-detects	ND Rate %	BV	D> BV	ND> Std	D> Std	D> Std/2	D>Std/2 Rate %	Level	Std Type	Locations with Data (number)	D>Std (number of locations)	D>Std/2 (number of locations)	D>Std Stations
Dinitro-2-methylphenol[4,6-]	SW-846:8270	ug/L	37	0	0	*10*	*10.5162*	*11.8*	37	100	-	-	0	0	0	0	-	-	5	-	-	-
Dinitro-2-methylphenol[4,6-]	SW-846:8270C	ug/L	88	0	0	*9.8*	*10.842*	*21.7*	88	100	-	-	0	0	0	0	-	-	7	-	-	-
Dinitrophenol[2,4-]	EPA:625	ug/L	5	0	0	*20*	*20.4*	*21*	5	100	-	-	0	0	0	0	73	Reg6	1	-	-	-
Dinitrophenol[2,4-]	SW-846:8270	ug/L	37	0	0	*20*	*21.027*	*23.5*	37	100	-	-	0	0	0	0	73	Reg6	5	-	-	-
Dinitrophenol[2,4-]	SW-846:8270C	ug/L	88	0	0	*19.6*	*21.6807*	*43.5*	88	100	-	-	0	0	0	0	73	Reg6	7	-	-	-
Dinitrotoluene[2,4-]	EPA:625	ug/L	5	0	0	*10*	*10.2*	*10.5*	5	100	-	-	0	0	0	0	73	Reg6	1	-	-	-
Dinitrotoluene[2,4-]	SW-846:8270	ug/L	37	0	0	*10*	*10.5162*	*11.8*	37	100	-	-	0	0	0	0	73	Reg6	5	-	-	-
Dinitrotoluene[2,4-]	SW-846:8270C	ug/L	90	0	0	*9.8*	*10.8433*	*21.7*	90	100	-	-	0	0	0	0	73	Reg6	7	-	-	-
Dinitrotoluene[2,6-]	EPA:625	ug/L	5	0	0	*10*	*10.2*	*10.5*	5	100	-	-	0	0	0	0	36.5	Reg6	1	-	-	-
Dinitrotoluene[2,6-]	SW-846:8270	ug/L	37	0	0	*10*	*10.5162*	*11.8*	37	100	-	-	0	0	0	0	36.5	Reg6	5	-	-	-
Dinitrotoluene[2,6-]	SW-846:8270C	ug/L	90	0	0	*9.8*	*10.8433*	*21.7*	90	100	-	-	0	0	0	0	36.5	Reg6	7	-	-	-
Di-n-octylphthalate	EPA:625	ug/L	5	0	0	*10*	*10.2*	*10.5*	5	100	-	-	0	0	0	0	-	-	1	-	-	-
Di-n-octylphthalate	SW-846:8270	ug/L	37	0	0	*10*	*10.5162*	*11.8*	37	100	-	-	0	0	0	0	-	-	5	-	-	-
Di-n-octylphthalate	SW-846:8270C	ug/L	90	0	0	*9.8*	*10.8433*	*21.7*	90	100	-	-	0	0	0	0	-	-	7	-	-	-
Dinoseb	SW-846:8270C	ug/L	69	0	0	*9.8*	*10.9855*	*21.7*	69	100	-	-	0	0	0	0	-	-	7	-	-	-
Dioxane[1,4-]	SW-846:8270C	ug/L	53	0	0	*9.9*	*10.7925*	*14.1*	53	100	-	-	0	0	0	0	61.11958	Reg6	6	-	-	-
Diphenylamine	EPA:625	ug/L	5	0	0	*10*	*10.2*	*10.5*	5	100	-	-	0	0	0	0	912.5	Reg6	1	-	-	-
Diphenylamine	SW-846:8270	ug/L	37	0	0	*10*	*10.5162*	*11.8*	37	100	-	-	0	0	0	0	912.5	Reg6	5	-	-	-
Diphenylamine	SW-846:8270C	ug/L	82	0	0	*9.8*	*10.8305*	*21.7*	82	100	-	-	0	0	0	0	912.5	Reg6	7	-	-	-
Diphenylhydrazine[1,2-]	SW-846:8270C	ug/L	10	0	0	*9.9*	*10.04*	*10.4*	10	100	-	-	10	0	0	0	0.8403942	Reg6	2	-	-	-
Fluoranthene	EPA:625	ug/L	5	0	0	*1*	*1*	*1*	5	100	-	-	0	0	0	0	1460	Reg6	1	-	-	-
Fluoranthene	SW-846:8270	ug/L	37	0	0	*1*	*1.04595*	*1.2*	37	100	-	-	0	0	0	0	1460	Reg6	5	-	-	-
Fluoranthene	SW-846:8270C	ug/L	90	0	0	*0.98*	*1.082*	*2.2*	90	100	-	-	0	0	0	0	1460	Reg6	7	-	-	-
Fluorene	EPA:625	ug/L	5	0	0	*1*	*1*	*1*	5	100	-	-	0	0	0	0	243.3333	Reg6	1	-	-	-
Fluorene	SW-846:8270	ug/L	37	0	0	*1*	*1.04595*	*1.2*	37	100	-	-	0	0	0	0	243.3333	Reg6	5	-	-	-
Fluorene	SW-846:8270C	ug/L	90	0	0	*0.98*	*1.082*	*2.2*	90	100	-	-	0	0	0	0	243.3333	Reg6	7	-	-	-
Hexachlorobenzene	EPA:625	ug/L	5	0	0	*10*	*10.2*	*10.5*	5	100	-	-	5	0	0	0	1	MCL	1	-	-	-
Hexachlorobenzene	SW-846:8270	ug/L	37	0	0	*10*	*10.5162*	*11.8*	37	100	-	-	37	0	0	0	1	MCL	5	-	-	-
Hexachlorobenzene	SW-846:8270C	ug/L	90	0	0	*9.8*	*10.8433*	*21.7*	90	100	-	-	90	0	0	0	1	MCL	7	-	-	-
Hexachlorobutadiene	EPA:625	ug/L	5	0	0	*10*	*10.2*	*10.5*	5	100	-	-	5	0	0	0	8.619427	Reg6	1	-	-	-
Hexachlorobutadiene	SW-846:8270	ug/L	37	0	0	*10*	*10.5162*	*11.8*	37	100	-	-	37	0	0	0	8.619427	Reg6	5	-	-	-
Hexachlorobutadiene	SW-846:8270C	ug/L	90	0	0	*9.8*	*10.8433*	*21.7*	90	100	-	-	90	0	0	0	8.619427	Reg6	7	-	-	-
Hexachlorocyclopentadiene	EPA:625	ug/L	5	0	0	*10*	*10.2*	*10.5*	5	100	-	-	0	0	0	0	50	MCL	1	-	-	-
Hexachlorocyclopentadiene	SW-846:8270	ug/L	37	0	0	*10*	*10.5162*	*11.8*	37	100	-	-	0	0	0	0	50	MCL	5	-	-	-
Hexachlorocyclopentadiene	SW-846:8270C	ug/L	90	0	0	*9.8*	*10.8433*	*21.7*	90	100	-	-	0	0	0	0	50	MCL	7	-	-	-
Hexachloroethane	EPA:625	ug/L	5	0	0	*10*	*10.2*	*10.5*	5	100	-	-	0	0	0	0	48.02252	Reg6	1	-	-	-
Hexachloroethane	SW-846:8270	ug/L	37	0	0	*10*	*10.5162*	*11.8*	37	100	-	-	0	0	0	0	48.02252	Reg6	5	-	-	-
Hexachloroethane	SW-846:8270C	ug/L	90	0	0	*9.8*	*10.8433*	*21.7*	90	100	-	-	0	0	0	0	48.02252	Reg6	7	-	-	-
Indeno(1,2,3-cd)pyrene	EPA:625	ug/L	5	0	0	*1*	*1*	*1*	5	100	-	-	5	0	0	0	0.2949853	Reg6	1	-	-	-
Indeno(1,2,3-cd)pyrene	SW-846:8270	ug/L	37	0	0	*1*	*1.04595*	*1.2*	37	100	-	-	37	0	0	0	0.2949853	Reg6	5	-	-	-
Indeno(1,2,3-cd)pyrene	SW-846:8270C	ug/L	90	0	0	*0.98*	*1.082*	*2.2*	90	100	-	-	90	0	0	0	0.2949853	Reg6	7	-	-	-
Isophorone	EPA:625	ug/L	5	0	0	*10*	*10.2*	*10.5*	5	100	-	-	0	0	0	0	707.7004	Reg6	1	-	-	-
Isophorone	SW-846:8270	ug/L	37	0	0	*10*	*10.5162*	*11.8*	37	100	-	-	0	0	0	0	707.7004	Reg6	5	-	-	-
Isophorone	SW-846:8270C	ug/L	90	0	0	*9.8*	*10.8433*	*21.7*	90	100	-	-	0	0	0	0	707.7004	Reg6	7	-	-	-
Methylnaphthalene[1-]	SW-846:8270C	ug/L	69	0	0	*0.98*	*1.09609*	*2.2*	69	100	-	-	0	0	0	0	-	-	7	-	-	-
Methylnaphthalene[2-]	EPA:625	ug/L	5	0	0	*1*	*1*	*1*	5	100	-	-	0	0	0	0	-	-	1	-	-	-
Methylnaphthalene[2-]	SW-846:8270	ug/L	37	0	0	*1*	*1.04595*	*1.2*	37	100	-	-	0	0	0	0	-	-	5	-	-	-
Methylnaphthalene[2-]	SW-846:8270C	ug/L	87	0	0	*0.98*	*1.08356*	*2.2*	87	100	-	-	0	0	0	0	-	-	7	-	-	-
Methylphenol[2-]	EPA:625	ug/L	5	0	0	*10*	*10.2*	*10.5*	5	100	-	-	0	0	0	0	1825	Reg6	1	-	-	-
Methylphenol[2-]	SW-846:8270	ug/L	37	0	0	*10*	*10.5162*	*11.8*	37	100	-	-	0	0	0	0	1825	Reg6	5	-	-	-
Methylphenol[2-]	SW-846:8270C	ug/L	89	0	0	*9.8*	*10.8528*	*21.7*	89	100	-	-	0	0	0	0	1825	Reg6	7	-	-	-
Methylphenol[3-,4-]	SW-846:8270C	ug/L	72	0	0	*9.8*	*10.9556*	*21.7*	72	100	-	-	0	0	0	0	-	-	7	-	-	-
Methylphenol[4-]	EPA:625	ug/L	5	0	0	*10*	*10.2*	*10.5*	5	100	-	-	0	0	0	0	182.5	Reg6	1	-	-	-
Methylphenol[4-]	SW-846:8270	ug/L	37	0	0	*10*	*10.5162*	*11.8*	37	100	-	-	0	0	0	0	182.5	Reg6	5	-	-	-
Methylphenol[4-]	SW-846:8270C	ug/L	17	0	0	*9.8*	*10.4176*	*11.8*	17	100	-	-	0	0	0	0	182.5	Reg6	3	-	-	-
Methylpyridine[2-]	EPA:625	ug/L	5	0	0	*10*	*10.2*	*10.5*	5	100	-	-	0	0	0	0	-	-	1	-	-	-
Methylpyridine[2-]	SW-846:8270	ug/L	8	0	0	*10.1*	*10.475*	*10.8*	8	100	-	-	0	0	0	0	-	-	3	-	-	-
Methylpyridine[2-]	SW-846:8270C	ug/L	10	0	0	*9.9*	*10.04*	*10.4*	10	100	-	-	0	0	0	0	-	-	2	-	-	-

Table B-4
Screening Table for Pajarito Canyon Watershed (including Twomile and Threemile Canyons)

Analyte	Method	Units	No. of Analyses	No. of Detects	D Rate %	Min	Mean	Max	No. of Non-detects	ND Rate %	BV	D> BV	ND> Std	D> Std	D> Std/2	D>Std/2 Rate %	Level	Std Type	Locations with Data (number)	D>Std (number of locations)	D>Std/2 (number of locations)	D>Std Stations
Naphthalene	EPA:625	ug/L	5	0	0	1	1	1	5	100	-	-	0	0	0	0	30	NMGSU	1	-	-	-
Naphthalene	SW-846:8270	ug/L	37	7	19	0.24	0.38429	0.56	30	81	-	-	0	0	0	0	30	NMGSU	5	-	-	-
Naphthalene	SW-846:8270C	ug/L	84	0	0	0.98	1.08345	2.2	84	100	-	-	0	0	0	0	30	NMGSU	7	-	-	-
Nitroaniline[2-]	EPA:625	ug/L	5	0	0	10	10.2	10.5	5	100	-	-	0	0	0	0	109.5	Reg6	1	-	-	-
Nitroaniline[2-]	SW-846:8270	ug/L	37	0	0	10	10.5162	11.8	37	100	-	-	0	0	0	0	109.5	Reg6	5	-	-	-
Nitroaniline[2-]	SW-846:8270C	ug/L	90	0	0	9.8	10.8433	21.7	90	100	-	-	0	0	0	0	109.5	Reg6	7	-	-	-
Nitroaniline[3-]	EPA:625	ug/L	5	0	0	10	10.2	10.5	5	100	-	-	0	0	0	0	-	-	1	-	-	-
Nitroaniline[3-]	SW-846:8270	ug/L	37	0	0	10	10.5162	11.8	37	100	-	-	0	0	0	0	-	-	5	-	-	-
Nitroaniline[3-]	SW-846:8270C	ug/L	90	0	0	9.8	10.8433	21.7	90	100	-	-	0	0	0	0	-	-	7	-	-	-
Nitroaniline[4-]	EPA:625	ug/L	5	0	0	10	10.2	10.5	5	100	-	-	0	0	0	0	-	-	1	-	-	-
Nitroaniline[4-]	SW-846:8270	ug/L	37	0	0	10	10.5162	11.8	37	100	-	-	0	0	0	0	-	-	5	-	-	-
Nitroaniline[4-]	SW-846:8270C	ug/L	90	0	0	9.8	10.8433	21.7	90	100	-	-	0	0	0	0	-	-	7	-	-	-
Nitrobenzene	EPA:625	ug/L	5	0	0	10	10.2	10.5	5	100	-	-	5	0	0	0	3.395349	Reg6	1	-	-	-
Nitrobenzene	SW-846:8270	ug/L	37	0	0	10	10.5162	11.8	37	100	-	-	37	0	0	0	3.395349	Reg6	5	-	-	-
Nitrobenzene	SW-846:8270C	ug/L	90	0	0	9.8	10.8433	21.7	90	100	-	-	90	0	0	0	3.395349	Reg6	7	-	-	-
Nitrophenol[2-]	EPA:625	ug/L	5	0	0	10	10.2	10.5	5	100	-	-	0	0	0	0	-	-	1	-	-	-
Nitrophenol[2-]	SW-846:8270	ug/L	37	0	0	10	10.5162	11.8	37	100	-	-	0	0	0	0	-	-	5	-	-	-
Nitrophenol[2-]	SW-846:8270C	ug/L	78	0	0	9.8	10.8667	21.7	78	100	-	-	0	0	0	0	-	-	7	-	-	-
Nitrophenol[4-]	EPA:625	ug/L	5	0	0	10	10.2	10.5	5	100	-	-	0	0	0	0	292	Reg6	1	-	-	-
Nitrophenol[4-]	SW-846:8270	ug/L	37	0	0	10	10.5162	11.8	37	100	-	-	0	0	0	0	292	Reg6	5	-	-	-
Nitrophenol[4-]	SW-846:8270C	ug/L	88	0	0	9.8	10.842	21.7	88	100	-	-	0	0	0	0	292	Reg6	7	-	-	-
Nitrosodiethylamine[N-]	SW-846:8270C	ug/L	70	0	0	9.8	10.9714	21.7	70	100	-	-	70	0	0	0	0.001435595	Reg6	7	-	-	-
Nitrosodimethylamine[N-]	EPA:625	ug/L	5	0	0	10	10.2	10.5	5	100	-	-	5	0	0	0	0.004222338	Reg6	1	-	-	-
Nitrosodimethylamine[N-]	SW-846:8270	ug/L	37	0	0	10	10.5162	11.8	37	100	-	-	37	0	0	0	0.004222338	Reg6	5	-	-	-
Nitrosodimethylamine[N-]	SW-846:8270C	ug/L	90	0	0	9.8	10.8433	21.7	90	100	-	-	90	0	0	0	0.004222338	Reg6	7	-	-	-
Nitroso-di-n-butylamine[N-]	SW-846:8270C	ug/L	70	0	0	9.8	10.9714	21.7	70	100	-	-	70	0	0	0	0.1226854	Reg6	7	-	-	-
Nitroso-di-n-propylamine[N-]	EPA:625	ug/L	5	0	0	10	10.2	10.5	5	100	-	-	5	0	0	0	0.09604505	Reg6	1	-	-	-
Nitroso-di-n-propylamine[N-]	SW-846:8270	ug/L	37	0	0	10	10.5162	11.8	37	100	-	-	37	0	0	0	0.09604505	Reg6	5	-	-	-
Nitroso-di-n-propylamine[N-]	SW-846:8270C	ug/L	90	0	0	9.8	10.8433	21.7	90	100	-	-	90	0	0	0	0.09604505	Reg6	7	-	-	-
Nitrosodiphenylamine[N-]	SW-846:8270C	ug/L	7	0	0	9.8	10.9571	11.8	7	100	-	-	0	0	0	0	137.2072	Reg6	2	-	-	-
Nitrosopyrrolidine[N-]	SW-846:8270C	ug/L	70	0	0	9.8	10.9714	21.7	70	100	-	-	70	0	0	0	0.3201502	Reg6	7	-	-	-
Oxybis(1-chloropropane)[2,2'-]	EPA:625	ug/L	5	0	0	10	10.2	10.5	5	100	-	-	5	0	0	0	9.536393	Reg6	1	-	-	-
Oxybis(1-chloropropane)[2,2'-]	SW-846:8270	ug/L	37	0	0	10	10.5162	11.8	37	100	-	-	37	0	0	0	9.536393	Reg6	5	-	-	-
Oxybis(1-chloropropane)[2,2'-]	SW-846:8270C	ug/L	87	0	0	9.8	10.8023	21.7	87	100	-	-	87	0	0	0	9.536393	Reg6	7	-	-	-
Pentachlorobenzene	SW-846:8270C	ug/L	70	0	0	9.8	10.9714	21.7	70	100	-	-	0	0	0	0	29.2	Reg6	7	-	-	-
Pentachlorophenol	EPA:625	ug/L	5	0	0	10	10.2	10.5	5	100	-	-	5	0	0	0	1	MCL	1	-	-	-
Pentachlorophenol	SW-846:8270	ug/L	37	0	0	10	10.5162	11.8	37	100	-	-	37	0	0	0	1	MCL	5	-	-	-
Pentachlorophenol	SW-846:8270C	ug/L	86	0	0	9.8	10.8512	21.7	86	100	-	-	86	0	0	0	1	MCL	7	-	-	-
Phenanthrene	EPA:625	ug/L	5	0	0	1	1	1	5	100	-	-	0	0	0	0	-	-	1	-	-	-
Phenanthrene	SW-846:8270	ug/L	37	0	0	1	1.04595	1.2	37	100	-	-	0	0	0	0	-	-	5	-	-	-
Phenanthrene	SW-846:8270C	ug/L	83	0	0	0.98	1.08313	2.2	83	100	-	-	0	0	0	0	-	-	7	-	-	-
Phenol	EPA:625	ug/L	5	0	0	10	10.2	10.5	5	100	-	-	5	0	0	0	5	NMGSU	1	-	-	-
Phenol	SW-846:8270	ug/L	37	0	0	10	10.5162	11.8	37	100	-	-	37	0	0	0	5	NMGSU	5	-	-	-
Phenol	SW-846:8270C	ug/L	88	1	1	15.8	15.8	15.8	87	99	-	-	87	1	1	1	5	NMGSU	7	1	1	R-17
Phenol-d6	SW-846:8270C	ug/L	1	1	100	24.5	24.5	24.5	0	0	-	-	0	0	0	0	-	-	1	-	-	-
Pyrene	EPA:625	ug/L	5	0	0	1	1	1	5	100	-	-	0	0	0	0	182.5	Reg6	1	-	-	-
Pyrene	SW-846:8270	ug/L	37	0	0	1	1.04595	1.2	37	100	-	-	0	0	0	0	182.5	Reg6	5	-	-	-
Pyrene	SW-846:8270C	ug/L	90	0	0	0.98	1.082	2.2	90	100	-	-	0	0	0	0	182.5	Reg6	7	-	-	-
Pyridine	EPA:625	ug/L	5	0	0	10	10.2	10.5	5	100	-	-	0	0	0	0	36.5	Reg6	1	-	-	-
Pyridine	SW-846:8270	ug/L	8	0	0	10.1	10.475	10.8	8	100	-	-	0	0	0	0	36.5	Reg6	3	-	-	-
Pyridine	SW-846:8270C	ug/L	33	0	0	9.8	10.7545	12.8	33	100	-	-	0	0	0	0	36.5	Reg6	6	-	-	-
Tetrachlorobenzene[1,2,4,5]	SW-846:8270C	ug/L	70	0	0	9.8	10.9714	21.7	70	100	-	-	70	0	0	0	0.00003	MCL	7	-	-	-
Tetrachlorophenol[2,3,4,6-]	SW-846:8270C	ug/L	69	0	0	9.8	10.9855	21.7	69	100	-	-	69	0	0	0	5	MCL	7	-	-	-
Trichlorobenzene[1,2,4-]	EPA:625	ug/L	5	0	0	10	10.2	10.5	5	100	-	-	0	0	0	0	70	MCL	1	-	-	-
Trichlorobenzene[1,2,4-]	SW-846:8270	ug/L	37	0	0	10	10.5162	11.8	37	100	-	-	0	0	0	0	70	MCL	5	-	-	-
Trichlorobenzene[1,2,4-]	SW-846:8270C	ug/L	90	0	0	9.8	10.8433	21.7	90	100	-	-	0	0	0	0	70	MCL	7	-	-	-
Trichlorophenol[2,4,5-]	EPA:625	ug/L	5	0	0	10	10.2	10.5	5	100	-	-	0	0	0	0	3650	Reg6	1	-	-	-
Trichlorophenol[2,4,5-]	SW-846:8270	ug/L	37	0	0	10	10.5162	11.8	37	100	-	-	0	0	0	0	3650	Reg6	5	-	-	-

Table B-4
Screening Table for Pajarito Canyon Watershed (including Twomile and Threemile Canyons)

Analyte	Method	Units	No. of Analyses	No. of Detects	D Rate %	Min	Mean	Max	No. of Non-detects	ND Rate %	BV	D> BV	ND> Std	D> Std	D> Std/2	D>Std/2 Rate %	Level	Std Type	Locations with Data (number)	D>Std (number of locations)	D>Std/2 (number of locations)	D>Std Stations
Trichlorophenol[2,4,5-]	SW-846:8270C	ug/L	86	0	0	9.8	10.8512	21.7	86	100	-	-	0	0	0	0	3650	Reg6	7	-	-	-
Trichlorophenol[2,4,6-]	EPA:625	ug/L	5	0	0	10	10.2	10.5	5	100	-	-	0	0	0	0	61.11958	Reg6	1	-	-	-
Trichlorophenol[2,4,6-]	SW-846:8270	ug/L	37	0	0	10	10.5162	11.8	37	100	-	-	0	0	0	0	61.11958	Reg6	5	-	-	-
Trichlorophenol[2,4,6-]	SW-846:8270C	ug/L	86	0	0	9.8	10.8512	21.7	86	100	-	-	0	0	0	0	61.11958	Reg6	7	-	-	-
Pajarito, VOA, UF, Ephemeral																						
Acetone	SW-846:8260B	ug/L	11	5	45	1.32	1.888	3.38	6	55	-	-	0	0	0	0	-	-	4	-	-	-
Acetonitrile	SW-846:8260B	ug/L	14	0	0	25	25	25	14	100	-	-	0	0	0	0	-	-	4	-	-	-
Acrolein	SW-846:8260B	ug/L	14	0	0	5	5	5	14	100	-	-	0	0	0	0	-	-	4	-	-	-
Acrylonitrile	SW-846:8260B	ug/L	14	0	0	5	5	5	14	100	-	-	0	0	0	0	-	-	4	-	-	-
Benzene	SW-846:8260B	ug/L	14	0	0	1	1	1	14	100	-	-	0	0	0	0	-	-	4	-	-	-
Bromobenzene	SW-846:8260B	ug/L	14	0	0	1	1	1	14	100	-	-	0	0	0	0	-	-	4	-	-	-
Bromochloromethane	SW-846:8260B	ug/L	14	0	0	1	1	1	14	100	-	-	0	0	0	0	-	-	4	-	-	-
Bromodichloromethane	SW-846:8260B	ug/L	14	0	0	1	1	1	14	100	-	-	0	0	0	0	-	-	4	-	-	-
Bromoform	SW-846:8260B	ug/L	14	0	0	1	1	1	14	100	-	-	0	0	0	0	-	-	4	-	-	-
Bromomethane	SW-846:8260B	ug/L	14	0	0	1	1	1	14	100	-	-	0	0	0	0	-	-	4	-	-	-
Butanol[1-]	SW-846:8260B	ug/L	5	0	0	50	50	50	5	100	-	-	0	0	0	0	-	-	3	-	-	-
Butanone[2-]	SW-846:8260B	ug/L	14	0	0	5	5	5	14	100	-	-	0	0	0	0	-	-	4	-	-	-
Butylbenzene[n-]	SW-846:8260B	ug/L	14	0	0	1	1	1	14	100	-	-	0	0	0	0	-	-	4	-	-	-
Butylbenzene[sec-]	SW-846:8260B	ug/L	14	0	0	1	1	1	14	100	-	-	0	0	0	0	-	-	4	-	-	-
Butylbenzene[tert-]	SW-846:8260B	ug/L	14	0	0	1	1	1	14	100	-	-	0	0	0	0	-	-	4	-	-	-
Carbon Disulfide	SW-846:8260B	ug/L	14	0	0	5	5	5	14	100	-	-	0	0	0	0	-	-	4	-	-	-
Carbon Tetrachloride	SW-846:8260B	ug/L	14	0	0	1	1	1	14	100	-	-	0	0	0	0	-	-	4	-	-	-
Chloro-1,3-butadiene[2-]	SW-846:8260B	ug/L	14	0	0	1	1	1	14	100	-	-	0	0	0	0	-	-	4	-	-	-
Chloro-1-propene[3-]	SW-846:8260B	ug/L	14	0	0	5	5	5	14	100	-	-	0	0	0	0	-	-	4	-	-	-
Chlorobenzene	SW-846:8260B	ug/L	14	0	0	1	1	1	14	100	-	-	0	0	0	0	-	-	4	-	-	-
Chlorodibromomethane	SW-846:8260B	ug/L	14	0	0	1	1	1	14	100	-	-	0	0	0	0	-	-	4	-	-	-
Chloroethane	SW-846:8260B	ug/L	14	0	0	1	1	1	14	100	-	-	0	0	0	0	-	-	4	-	-	-
Chloroethyl vinyl ether[2-]	SW-846:8260B	ug/L	1	0	0	5	5	5	1	100	-	-	0	0	0	0	-	-	1	-	-	-
Chloroform	SW-846:8260B	ug/L	14	0	0	1	1	1	14	100	-	-	0	0	0	0	-	-	4	-	-	-
Chloromethane	SW-846:8260B	ug/L	14	0	0	1	1	1	14	100	-	-	0	0	0	0	-	-	4	-	-	-
Chlorotoluene[2-]	SW-846:8260B	ug/L	14	0	0	1	1	1	14	100	-	-	0	0	0	0	-	-	4	-	-	-
Chlorotoluene[4-]	SW-846:8260B	ug/L	14	0	0	1	1	1	14	100	-	-	0	0	0	0	-	-	4	-	-	-
Dibromo-3-Chloropropane[1,2-]	SW-846:8260B	ug/L	14	0	0	1	1	1	14	100	-	-	0	0	0	0	-	-	4	-	-	-
Dibromoethane[1,2-]	SW-846:8260B	ug/L	14	0	0	1	1	1	14	100	-	-	0	0	0	0	-	-	4	-	-	-
Dibromomethane	SW-846:8260B	ug/L	14	0	0	1	1	1	14	100	-	-	0	0	0	0	-	-	4	-	-	-
Dichlorobenzene[1,2-]	SW-846:8260B	ug/L	14	0	0	1	1	1	14	100	-	-	0	0	0	0	-	-	4	-	-	-
Dichlorobenzene[1,3-]	SW-846:8260B	ug/L	14	0	0	1	1	1	14	100	-	-	0	0	0	0	-	-	4	-	-	-
Dichlorobenzene[1,4-]	SW-846:8260B	ug/L	14	0	0	1	1	1	14	100	-	-	0	0	0	0	-	-	4	-	-	-
Dichlorodifluoromethane	SW-846:8260B	ug/L	14	0	0	1	1	1	14	100	-	-	0	0	0	0	-	-	4	-	-	-
Dichloroethane[1,1-]	SW-846:8260B	ug/L	14	0	0	1	1	1	14	100	-	-	0	0	0	0	-	-	4	-	-	-
Dichloroethane[1,2-]	SW-846:8260B	ug/L	14	0	0	1	1	1	14	100	-	-	0	0	0	0	-	-	4	-	-	-
Dichloroethene[1,1-]	SW-846:8260B	ug/L	14	0	0	1	1	1	14	100	-	-	0	0	0	0	-	-	4	-	-	-
Dichloroethene[cis-1,2-]	SW-846:8260B	ug/L	14	0	0	1	1	1	14	100	-	-	0	0	0	0	-	-	4	-	-	-
Dichloroethene[trans-1,2-]	SW-846:8260B	ug/L	14	0	0	1	1	1	14	100	-	-	0	0	0	0	-	-	4	-	-	-
Dichloropropane[1,2-]	SW-846:8260B	ug/L	14	0	0	1	1	1	14	100	-	-	0	0	0	0	-	-	4	-	-	-
Dichloropropane[1,3-]	SW-846:8260B	ug/L	14	0	0	1	1	1	14	100	-	-	0	0	0	0	-	-	4	-	-	-
Dichloropropane[2,2-]	SW-846:8260B	ug/L	14	0	0	1	1	1	14	100	-	-	0	0	0	0	-	-	4	-	-	-
Dichloropropene[1,1-]	SW-846:8260B	ug/L	14	0	0	1	1	1	14	100	-	-	0	0	0	0	-	-	4	-	-	-
Dichloropropene[cis/trans-1,3-]	SW-846:8260B	ug/L	3	0	0	1	1	1	3	100	-	-	0	0	0	0	-	-	3	-	-	-
Dichloropropene[cis-1,3-]	SW-846:8260B	ug/L	14	0	0	1	1	1	14	100	-	-	0	0	0	0	-	-	4	-	-	-
Dichloropropene[trans-1,3-]	SW-846:8260B	ug/L	14	0	0	1	1	1	14	100	-	-	0	0	0	0	-	-	4	-	-	-
Diethyl Ether	SW-846:8260B	ug/L	6	0	0	1	1	1	6	100	-	-	0	0	0	0	-	-	3	-	-	-
Ethyl Methacrylate	SW-846:8260B	ug/L	14	0	0	5	5	5	14	100	-	-	0	0	0	0	-	-	4	-	-	-
Ethylbenzene	SW-846:8260B	ug/L	14	0	0	1	1	1	14	100	-	-	0	0	0	0	-	-	4	-	-	-
Hexachlorobutadiene	SW-846:8260B	ug/L	14	0	0	1	1	1	14	100	-	-	0	0	0	0	-	-	4	-	-	-
Hexanone[2-]	SW-846:8260B	ug/L	14	0	0	5	5	5	14	100	-	-	0	0	0	0	-	-	4	-	-	-
Iodomethane	SW-846:8260B	ug/L	14	0	0	5	5	5	14	100	-	-	0	0	0	0	-	-	4	-	-	-
Isobutyl alcohol	SW-846:8260B	ug/L	7	0	0	50	50	50	7	100	-	-	0	0	0	0	-	-	4	-	-	-

Table B-4
Screening Table for Pajarito Canyon Watershed (including Twomile and Threemile Canyons)

Analyte	Method	Units	No. of Analyses	No. of Detects	D Rate %	Min	Mean	Max	No. of Non-detects	ND Rate %	BV	D> BV	ND> Std	D> Std	D> Std/2	D>Std/2 Rate %	Level	Std Type	Locations with Data (number)	D>Std (number of locations)	D>Std/2 (number of locations)	D>Std Stations
Isopropylbenzene	SW-846:8260B	ug/L	14	0	0	1	1	1	14	100	-	-	0	0	0	0	-	-	4	-	-	-
Isopropyltoluene[4-]	SW-846:8260B	ug/L	14	0	0	1	1	1	14	100	-	-	0	0	0	0	-	-	4	-	-	-
Methacrylonitrile	SW-846:8260B	ug/L	14	0	0	5	5	5	14	100	-	-	0	0	0	0	-	-	4	-	-	-
Methyl Methacrylate	SW-846:8260B	ug/L	14	0	0	5	5	5	14	100	-	-	0	0	0	0	-	-	4	-	-	-
Methyl tert-Butyl Ether	SW-846:8260B	ug/L	6	0	0	1	1	1	6	100	-	-	0	0	0	0	-	-	3	-	-	-
Methyl-2-pentanone[4-]	SW-846:8260B	ug/L	14	0	0	5	5	5	14	100	-	-	0	0	0	0	-	-	4	-	-	-
Methylene Chloride	SW-846:8260B	ug/L	14	0	0	2.38	4.51643	5	14	100	-	-	0	0	0	0	-	-	4	-	-	-
Naphthalene	SW-846:8260B	ug/L	14	0	0	1	1	1	14	100	-	-	0	0	0	0	-	-	4	-	-	-
Propionitrile	SW-846:8260B	ug/L	14	0	0	5	5	5	14	100	-	-	0	0	0	0	-	-	4	-	-	-
Propylbenzene[1-]	SW-846:8260B	ug/L	14	0	0	1	1	1	14	100	-	-	0	0	0	0	-	-	4	-	-	-
Styrene	SW-846:8260B	ug/L	14	0	0	1	1	1	14	100	-	-	0	0	0	0	-	-	4	-	-	-
Tetrachloroethane[1,1,1,2-]	SW-846:8260B	ug/L	14	0	0	1	1	1	14	100	-	-	0	0	0	0	-	-	4	-	-	-
Tetrachloroethane[1,1,2,2-]	SW-846:8260B	ug/L	14	0	0	1	1	1	14	100	-	-	0	0	0	0	-	-	4	-	-	-
Tetrachloroethene	SW-846:8260B	ug/L	14	0	0	1	1	1	14	100	-	-	0	0	0	0	33	HHEU	4	-	-	-
Toluene	SW-846:8260B	ug/L	14	0	0	1	1	1	14	100	-	-	0	0	0	0	-	-	4	-	-	-
Trichloro-1,2,2-trifluoroethane[1,1,2-]	SW-846:8260B	ug/L	14	0	0	5	5	5	14	100	-	-	0	0	0	0	-	-	4	-	-	-
Trichlorobenzene[1,2,3-]	SW-846:8260B	ug/L	14	0	0	1	1	1	14	100	-	-	0	0	0	0	-	-	4	-	-	-
Trichlorobenzene[1,2,4-]	SW-846:8260B	ug/L	14	0	0	1	1	1	14	100	-	-	0	0	0	0	-	-	4	-	-	-
Trichloroethane[1,1,1-]	SW-846:8260B	ug/L	14	0	0	1	1	1	14	100	-	-	0	0	0	0	-	-	4	-	-	-
Trichloroethane[1,1,2-]	SW-846:8260B	ug/L	14	0	0	1	1	1	14	100	-	-	0	0	0	0	-	-	4	-	-	-
Trichloroethene	SW-846:8260B	ug/L	14	0	0	1	1	1	14	100	-	-	0	0	0	0	-	-	4	-	-	-
Trichlorofluoromethane	SW-846:8260B	ug/L	14	0	0	1	1	1	14	100	-	-	0	0	0	0	-	-	4	-	-	-
Trichloropropane[1,2,3-]	SW-846:8260B	ug/L	14	0	0	1	1	1	14	100	-	-	0	0	0	0	-	-	4	-	-	-
Trimethylbenzene[1,2,4-]	SW-846:8260B	ug/L	14	0	0	1	1	1	14	100	-	-	0	0	0	0	-	-	4	-	-	-
Trimethylbenzene[1,3,5-]	SW-846:8260B	ug/L	14	0	0	1	1	1	14	100	-	-	0	0	0	0	-	-	4	-	-	-
Vinyl acetate	SW-846:8260B	ug/L	14	0	0	5	5	5	14	100	-	-	0	0	0	0	-	-	4	-	-	-
Vinyl Chloride	SW-846:8260B	ug/L	14	0	0	1	1	1	14	100	-	-	0	0	0	0	-	-	4	-	-	-
Xylene[1,2-]	SW-846:8260B	ug/L	14	0	0	1	1	1	14	100	-	-	0	0	0	0	-	-	4	-	-	-
Xylene[1,3-]+Xylene[1,4-]	SW-846:8260B	ug/L	14	0	0	2	2	2	14	100	-	-	0	0	0	0	-	-	4	-	-	-
Pajarito, VOA, UF, Perennial																						
Acetone	EPA:624	ug/L	1	0	0	5	5	5	1	100	-	-	0	0	0	0	-	-	1	-	-	-
Acetone	SW-846:8260B	ug/L	14	2	14	3.52	9.56	15.6	12	86	-	-	0	0	0	0	-	-	2	-	-	-
Acetonitrile	SW-846:8260B	ug/L	14	0	0	25	25	25	14	100	-	-	0	0	0	0	-	-	2	-	-	-
Acrolein	EPA:624	ug/L	1	0	0	5	5	5	1	100	-	-	0	0	0	0	290	HHPU	1	-	-	-
Acrolein	SW-846:8260B	ug/L	14	0	0	5	5	5	14	100	-	-	0	0	0	0	290	HHPU	2	-	-	-
Acrylonitrile	EPA:624	ug/L	1	0	0	5	5	5	1	100	-	-	1	0	0	0	2.5	HHPU	1	-	-	-
Acrylonitrile	SW-846:8260B	ug/L	14	0	0	5	5	5	14	100	-	-	14	0	0	0	2.5	HHPU	2	-	-	-
Benzene	EPA:624	ug/L	1	0	0	1	1	1	1	100	-	-	0	0	0	0	510	HHPU	1	-	-	-
Benzene	SW-846:8260B	ug/L	14	0	0	1	1	1	14	100	-	-	0	0	0	0	510	HHPU	2	-	-	-
Bromobenzene	EPA:624	ug/L	1	0	0	1	1	1	1	100	-	-	0	0	0	0	-	-	1	-	-	-
Bromobenzene	SW-846:8260B	ug/L	14	0	0	1	1	1	14	100	-	-	0	0	0	0	-	-	2	-	-	-
Bromochloromethane	EPA:624	ug/L	1	0	0	1	1	1	1	100	-	-	0	0	0	0	-	-	1	-	-	-
Bromochloromethane	SW-846:8260B	ug/L	14	0	0	1	1	1	14	100	-	-	0	0	0	0	-	-	2	-	-	-
Bromodichloromethane	EPA:624	ug/L	1	0	0	1	1	1	1	100	-	-	0	0	0	0	170	HHPU	1	-	-	-
Bromodichloromethane	SW-846:8260B	ug/L	14	0	0	1	1	1	14	100	-	-	0	0	0	0	170	HHPU	2	-	-	-
Bromoform	EPA:624	ug/L	1	0	0	1	1	1	1	100	-	-	0	0	0	0	1400	HHPU	1	-	-	-
Bromoform	SW-846:8260B	ug/L	14	0	0	1	1	1	14	100	-	-	0	0	0	0	1400	HHPU	2	-	-	-
Bromomethane	EPA:624	ug/L	1	0	0	1	1	1	1	100	-	-	0	0	0	0	1500	HHPU	1	-	-	-
Bromomethane	SW-846:8260B	ug/L	14	0	0	1	1	1	14	100	-	-	0	0	0	0	1500	HHPU	2	-	-	-
Butanol[1-]	SW-846:8260B	ug/L	4	0	0	50	50	50	4	100	-	-	0	0	0	0	-	-	2	-	-	-
Butanone[2-]	EPA:624	ug/L	1	0	0	5	5	5	1	100	-	-	0	0	0	0	-	-	1	-	-	-
Butanone[2-]	SW-846:8260B	ug/L	14	0	0	5	5	5	14	100	-	-	0	0	0	0	-	-	2	-	-	-
Butylbenzene[n-]	EPA:624	ug/L	1	0	0	1	1	1	1	100	-	-	0	0	0	0	-	-	1	-	-	-
Butylbenzene[n-]	SW-846:8260B	ug/L	14	0	0	1	1	1	14	100	-	-	0	0	0	0	-	-	2	-	-	-
Butylbenzene[sec-]	EPA:624	ug/L	1	0	0	1	1	1	1	100	-	-	0	0	0	0	-	-	1	-	-	-
Butylbenzene[sec-]	SW-846:8260B	ug/L	14	0	0	1	1	1	14	100	-	-	0	0	0	0	-	-	2	-	-	-
Butylbenzene[tert-]	EPA:624	ug/L	1	0	0	1	1	1	1	100	-	-	0	0	0	0	-	-	1	-	-	-
Butylbenzene[tert-]	SW-846:8260B	ug/L	14	0	0	1	1	1	14	100	-	-	0	0	0	0	-	-	2	-	-	-

Table B-4
Screening Table for Pajarito Canyon Watershed (including Twomile and Threemile Canyons)

Analyte	Method	Units	No. of Analyses	No. of Detects	D Rate %	Min	Mean	Max	No. of Non-detects	ND Rate %	BV	D> BV	ND> Std	D> Std	D> Std/2	D>Std/2 Rate %	Level	Std Type	Locations with Data (number)	D>Std (number of locations)	D>Std/2 (number of locations)	D>Std Stations
Carbon Disulfide	EPA:624	ug/L	1	0	0	5	5	5	1	100	-	-	0	0	0	0	-	-	1	-	-	-
Carbon Disulfide	SW-846:8260B	ug/L	13	0	0	5	5	5	13	100	-	-	0	0	0	0	-	-	2	-	-	-
Carbon Tetrachloride	EPA:624	ug/L	1	0	0	1	1	1	1	100	-	-	0	0	0	0	16	HHPU	1	-	-	-
Carbon Tetrachloride	SW-846:8260B	ug/L	14	0	0	1	1	1	14	100	-	-	0	0	0	0	16	HHPU	2	-	-	-
Chloro-1,3-butadiene[2-]	SW-846:8260B	ug/L	14	0	0	1	1	1	14	100	-	-	0	0	0	0	-	-	2	-	-	-
Chloro-1-propene[3-]	SW-846:8260B	ug/L	14	0	0	5	5	5	14	100	-	-	0	0	0	0	-	-	2	-	-	-
Chlorobenzene	EPA:624	ug/L	1	0	0	1	1	1	1	100	-	-	0	0	0	0	21000	HHPU	1	-	-	-
Chlorobenzene	SW-846:8260B	ug/L	14	0	0	1	1	1	14	100	-	-	0	0	0	0	21000	HHPU	2	-	-	-
Chlorodibromomethane	EPA:624	ug/L	1	0	0	1	1	1	1	100	-	-	0	0	0	0	130	HHPU	1	-	-	-
Chlorodibromomethane	SW-846:8260B	ug/L	14	0	0	1	1	1	14	100	-	-	0	0	0	0	130	HHPU	2	-	-	-
Chloroethane	EPA:624	ug/L	1	0	0	1	1	1	1	100	-	-	0	0	0	0	-	-	1	-	-	-
Chloroethane	SW-846:8260B	ug/L	14	0	0	1	1	1	14	100	-	-	0	0	0	0	-	-	2	-	-	-
Chloroethyl vinyl ether[2-]	SW-846:8260B	ug/L	2	0	0	5	5	5	2	100	-	-	0	0	0	0	-	-	1	-	-	-
Chloroform	EPA:624	ug/L	1	0	0	1	1	1	1	100	-	-	0	0	0	0	4700	HHPU	1	-	-	-
Chloroform	SW-846:8260B	ug/L	14	0	0	1	1	1	14	100	-	-	0	0	0	0	4700	HHPU	2	-	-	-
Chloromethane	EPA:624	ug/L	1	0	0	1	1	1	1	100	-	-	0	0	0	0	-	-	1	-	-	-
Chloromethane	SW-846:8260B	ug/L	14	0	0	1	1	1	14	100	-	-	0	0	0	0	-	-	2	-	-	-
Chlorotoluene[2-]	EPA:624	ug/L	1	0	0	1	1	1	1	100	-	-	0	0	0	0	-	-	1	-	-	-
Chlorotoluene[2-]	SW-846:8260B	ug/L	12	0	0	1	1	1	12	100	-	-	0	0	0	0	-	-	2	-	-	-
Chlorotoluene[4-]	EPA:624	ug/L	1	0	0	1	1	1	1	100	-	-	0	0	0	0	-	-	1	-	-	-
Chlorotoluene[4-]	SW-846:8260B	ug/L	14	0	0	1	1	1	14	100	-	-	0	0	0	0	-	-	2	-	-	-
Dibromo-3-Chloropropane[1,2-]	EPA:624	ug/L	1	0	0	1	1	1	1	100	-	-	0	0	0	0	-	-	1	-	-	-
Dibromo-3-Chloropropane[1,2-]	SW-846:8260B	ug/L	14	0	0	1	1	1	14	100	-	-	0	0	0	0	-	-	2	-	-	-
Dibromoethane[1,2-]	EPA:624	ug/L	1	0	0	1	1	1	1	100	-	-	0	0	0	0	-	-	1	-	-	-
Dibromoethane[1,2-]	SW-846:8260B	ug/L	14	0	0	1	1	1	14	100	-	-	0	0	0	0	-	-	2	-	-	-
Dibromomethane	EPA:624	ug/L	1	0	0	1	1	1	1	100	-	-	0	0	0	0	-	-	1	-	-	-
Dibromomethane	SW-846:8260B	ug/L	14	0	0	1	1	1	14	100	-	-	0	0	0	0	-	-	2	-	-	-
Dichlorobenzene[1,2-]	EPA:624	ug/L	1	0	0	1	1	1	1	100	-	-	0	0	0	0	-	-	1	-	-	-
Dichlorobenzene[1,2-]	SW-846:8260B	ug/L	12	0	0	1	1	1	12	100	-	-	0	0	0	0	-	-	2	-	-	-
Dichlorobenzene[1,3-]	EPA:624	ug/L	1	0	0	1	1	1	1	100	-	-	0	0	0	0	-	-	1	-	-	-
Dichlorobenzene[1,3-]	SW-846:8260B	ug/L	12	0	0	1	1	1	12	100	-	-	0	0	0	0	-	-	2	-	-	-
Dichlorobenzene[1,4-]	EPA:624	ug/L	1	0	0	1	1	1	1	100	-	-	0	0	0	0	-	-	1	-	-	-
Dichlorobenzene[1,4-]	SW-846:8260B	ug/L	12	0	0	1	1	1	12	100	-	-	0	0	0	0	-	-	2	-	-	-
Dichlorodifluoromethane	EPA:624	ug/L	1	0	0	1	1	1	1	100	-	-	0	0	0	0	-	-	1	-	-	-
Dichlorodifluoromethane	SW-846:8260B	ug/L	14	0	0	1	1	1	14	100	-	-	0	0	0	0	-	-	2	-	-	-
Dichloroethane[1,1-]	EPA:624	ug/L	1	0	0	1	1	1	1	100	-	-	0	0	0	0	-	-	1	-	-	-
Dichloroethane[1,1-]	SW-846:8260B	ug/L	14	0	0	1	1	1	14	100	-	-	0	0	0	0	-	-	2	-	-	-
Dichloroethane[1,2-]	EPA:624	ug/L	1	0	0	1	1	1	1	100	-	-	0	0	0	0	370	HHPU	1	-	-	-
Dichloroethane[1,2-]	SW-846:8260B	ug/L	14	0	0	1	1	1	14	100	-	-	0	0	0	0	370	HHPU	2	-	-	-
Dichloroethene[1,1-]	EPA:624	ug/L	1	0	0	1	1	1	1	100	-	-	0	0	0	0	32	HHPU	1	-	-	-
Dichloroethene[1,1-]	SW-846:8260B	ug/L	14	0	0	1	1	1	14	100	-	-	0	0	0	0	32	HHPU	2	-	-	-
Dichloroethene[cis-1,2-]	SW-846:8260B	ug/L	14	0	0	1	1	1	14	100	-	-	0	0	0	0	-	-	2	-	-	-
Dichloroethene[trans-1,2-]	EPA:624	ug/L	1	0	0	1	1	1	1	100	-	-	0	0	0	0	140000	HHPU	1	-	-	-
Dichloroethene[trans-1,2-]	SW-846:8260B	ug/L	14	0	0	1	1	1	14	100	-	-	0	0	0	0	140000	HHPU	2	-	-	-
Dichloropropane[1,2-]	EPA:624	ug/L	1	0	0	1	1	1	1	100	-	-	0	0	0	0	150	HHPU	1	-	-	-
Dichloropropane[1,2-]	SW-846:8260B	ug/L	14	0	0	1	1	1	14	100	-	-	0	0	0	0	150	HHPU	2	-	-	-
Dichloropropane[1,3-]	EPA:624	ug/L	1	0	0	1	1	1	1	100	-	-	0	0	0	0	-	-	1	-	-	-
Dichloropropane[1,3-]	SW-846:8260B	ug/L	14	0	0	1	1	1	14	100	-	-	0	0	0	0	-	-	2	-	-	-
Dichloropropane[2,2-]	EPA:624	ug/L	1	0	0	1	1	1	1	100	-	-	0	0	0	0	-	-	1	-	-	-
Dichloropropane[2,2-]	SW-846:8260B	ug/L	14	0	0	1	1	1	14	100	-	-	0	0	0	0	-	-	2	-	-	-
Dichloropropene[1,1-]	EPA:624	ug/L	1	0	0	1	1	1	1	100	-	-	0	0	0	0	-	-	1	-	-	-
Dichloropropene[1,1-]	SW-846:8260B	ug/L	14	0	0	1	1	1	14	100	-	-	0	0	0	0	-	-	2	-	-	-
Dichloropropene[cis/trans-1,3-]	SW-846:8260B	ug/L	3	0	0	1	1	1	3	100	-	-	0	0	0	0	1700	HHPU	2	-	-	-
Dichloropropene[cis-1,3-]	EPA:624	ug/L	1	0	0	1	1	1	1	100	-	-	0	0	0	0	-	-	1	-	-	-
Dichloropropene[cis-1,3-]	SW-846:8260B	ug/L	14	0	0	1	1	1	14	100	-	-	0	0	0	0	-	-	2	-	-	-
Dichloropropene[trans-1,3-]	EPA:624	ug/L	1	0	0	1	1	1	1	100	-	-	0	0	0	0	-	-	1	-	-	-
Dichloropropene[trans-1,3-]	SW-846:8260B	ug/L	14	0	0	1	1	1	14	100	-	-	0	0	0	0	-	-	2	-	-	-
Diethyl Ether	SW-846:8260B	ug/L	5	0	0	1	1	1	5	100	-	-	0	0	0	0	-	-	2	-	-	-

Table B-4
Screening Table for Pajarito Canyon Watershed (including Twomile and Threemile Canyons)

Analyte	Method	Units	No. of Analyses	No. of Detects	D Rate %	Min	Mean	Max	No. of Non-detects	ND Rate %	BV	D> BV	ND> Std	D> Std	D> Std/2	D>Std/2 Rate %	Level	Std Type	Locations with Data (number)	D>Std (number of locations)	D>Std/2 (number of locations)	D>Std Stations
Ethyl Methacrylate	SW-846:8260B	ug/L	14	0	0	5	5	5	14	100	-	-	0	0	0	0	-	-	2	-	-	-
Ethylbenzene	EPA:624	ug/L	1	0	0	1	1	1	1	100	-	-	0	0	0	0	29000	HHPU	1	-	-	-
Ethylbenzene	SW-846:8260B	ug/L	14	0	0	1	1	1	14	100	-	-	0	0	0	0	29000	HHPU	2	-	-	-
Hexachlorobutadiene	EPA:624	ug/L	1	0	0	1	1	1	1	100	-	-	0	0	0	0	-	-	1	-	-	-
Hexachlorobutadiene	SW-846:8260B	ug/L	12	0	0	1	1	1	12	100	-	-	0	0	0	0	-	-	2	-	-	-
Hexanone[2-]	EPA:624	ug/L	1	0	0	5	5	5	1	100	-	-	0	0	0	0	-	-	1	-	-	-
Hexanone[2-]	SW-846:8260B	ug/L	14	0	0	5	5	5	14	100	-	-	0	0	0	0	-	-	2	-	-	-
Iodomethane	EPA:624	ug/L	1	0	0	5	5	5	1	100	-	-	0	0	0	0	-	-	1	-	-	-
Iodomethane	SW-846:8260B	ug/L	14	0	0	5	5	5	14	100	-	-	0	0	0	0	-	-	2	-	-	-
Isobutyl alcohol	SW-846:8260B	ug/L	9	0	0	50	50	50	9	100	-	-	0	0	0	0	-	-	2	-	-	-
Isopropylbenzene	EPA:624	ug/L	1	0	0	1	1	1	1	100	-	-	0	0	0	0	-	-	1	-	-	-
Isopropylbenzene	SW-846:8260B	ug/L	14	0	0	1	1	1	14	100	-	-	0	0	0	0	-	-	2	-	-	-
Isopropyltoluene[4-]	EPA:624	ug/L	1	0	0	1	1	1	1	100	-	-	0	0	0	0	-	-	1	-	-	-
Isopropyltoluene[4-]	SW-846:8260B	ug/L	14	0	0	1	1	1	14	100	-	-	0	0	0	0	-	-	2	-	-	-
Methacrylonitrile	SW-846:8260B	ug/L	14	0	0	5	5	5	14	100	-	-	0	0	0	0	-	-	2	-	-	-
Methyl Methacrylate	SW-846:8260B	ug/L	14	0	0	5	5	5	14	100	-	-	0	0	0	0	-	-	2	-	-	-
Methyl tert-Butyl Ether	SW-846:8260B	ug/L	5	0	0	1	1	1	5	100	-	-	0	0	0	0	-	-	2	-	-	-
Methyl-2-pentanone[4-]	EPA:624	ug/L	1	0	0	5	5	5	1	100	-	-	0	0	0	0	-	-	1	-	-	-
Methyl-2-pentanone[4-]	SW-846:8260B	ug/L	14	0	0	5	5	5	14	100	-	-	0	0	0	0	-	-	2	-	-	-
Methylene Chloride	EPA:624	ug/L	1	0	0	5	5	5	1	100	-	-	0	0	0	0	5900	HHPU	1	-	-	-
Methylene Chloride	SW-846:8260B	ug/L	14	0	0	2.2	4.61429	5	14	100	-	-	0	0	0	0	5900	HHPU	2	-	-	-
Naphthalene	EPA:624	ug/L	1	0	0	1	1	1	1	100	-	-	0	0	0	0	-	-	1	-	-	-
Naphthalene	SW-846:8260B	ug/L	14	0	0	0.731	0.98079	1	14	100	-	-	0	0	0	0	-	-	2	-	-	-
Propionitrile	SW-846:8260B	ug/L	14	0	0	5	5	5	14	100	-	-	0	0	0	0	-	-	2	-	-	-
Propylbenzene[1-]	EPA:624	ug/L	1	0	0	1	1	1	1	100	-	-	0	0	0	0	-	-	1	-	-	-
Propylbenzene[1-]	SW-846:8260B	ug/L	14	0	0	1	1	1	14	100	-	-	0	0	0	0	-	-	2	-	-	-
Styrene	EPA:624	ug/L	1	0	0	1	1	1	1	100	-	-	0	0	0	0	-	-	1	-	-	-
Styrene	SW-846:8260B	ug/L	14	0	0	1	1	1	14	100	-	-	0	0	0	0	-	-	2	-	-	-
Tetrachloroethane[1,1,1,2-]	EPA:624	ug/L	1	0	0	1	1	1	1	100	-	-	0	0	0	0	-	-	1	-	-	-
Tetrachloroethane[1,1,1,2-]	SW-846:8260B	ug/L	14	0	0	1	1	1	14	100	-	-	0	0	0	0	-	-	2	-	-	-
Tetrachloroethane[1,1,2,2-]	EPA:624	ug/L	1	0	0	1	1	1	1	100	-	-	0	0	0	0	40	HHPU	1	-	-	-
Tetrachloroethane[1,1,2,2-]	SW-846:8260B	ug/L	14	0	0	1	1	1	14	100	-	-	0	0	0	0	40	HHPU	2	-	-	-
Tetrachloroethene	EPA:624	ug/L	1	0	0	1	1	1	1	100	-	-	0	0	0	0	33	HHPU	1	-	-	-
Tetrachloroethene	SW-846:8260B	ug/L	12	0	0	1	1	1	12	100	-	-	0	0	0	0	33	HHPU	2	-	-	-
Toluene	EPA:624	ug/L	1	0	0	1	1	1	1	100	-	-	0	0	0	0	200000	HHPU	1	-	-	-
Toluene	SW-846:8260B	ug/L	14	0	0	1	1	1	14	100	-	-	0	0	0	0	200000	HHPU	2	-	-	-
Trichloro-1,2,2-trifluoroethane[1,1,2-]	EPA:624	ug/L	1	0	0	5	5	5	1	100	-	-	0	0	0	0	-	-	1	-	-	-
Trichloro-1,2,2-trifluoroethane[1,1,2-]	SW-846:8260B	ug/L	14	0	0	5	5	5	14	100	-	-	0	0	0	0	-	-	2	-	-	-
Trichlorobenzene[1,2,3-]	SW-846:8260B	ug/L	14	0	0	1	1	1	14	100	-	-	0	0	0	0	-	-	2	-	-	-
Trichlorobenzene[1,2,4-]	SW-846:8260B	ug/L	14	0	0	1	1	1	14	100	-	-	0	0	0	0	-	-	2	-	-	-
Trichloroethane[1,1,1-]	EPA:624	ug/L	1	0	0	1	1	1	1	100	-	-	0	0	0	0	-	-	1	-	-	-
Trichloroethane[1,1,1-]	SW-846:8260B	ug/L	14	0	0	1	1	1	14	100	-	-	0	0	0	0	-	-	2	-	-	-
Trichloroethane[1,1,2-]	EPA:624	ug/L	1	0	0	1	1	1	1	100	-	-	0	0	0	0	160	HHPU	1	-	-	-
Trichloroethane[1,1,2-]	SW-846:8260B	ug/L	14	0	0	1	1	1	14	100	-	-	0	0	0	0	160	HHPU	2	-	-	-
Trichloroethene	EPA:624	ug/L	1	0	0	1	1	1	1	100	-	-	0	0	0	0	300	HHPU	1	-	-	-
Trichloroethene	SW-846:8260B	ug/L	14	0	0	1	1	1	14	100	-	-	0	0	0	0	300	HHPU	2	-	-	-
Trichlorofluoromethane	EPA:624	ug/L	1	0	0	1	1	1	1	100	-	-	0	0	0	0	-	-	1	-	-	-
Trichlorofluoromethane	SW-846:8260B	ug/L	14	0	0	1	1	1	14	100	-	-	0	0	0	0	-	-	2	-	-	-
Trichloropropane[1,2,3-]	EPA:624	ug/L	1	0	0	1	1	1	1	100	-	-	0	0	0	0	-	-	1	-	-	-
Trichloropropane[1,2,3-]	SW-846:8260B	ug/L	14	0	0	1	1	1	14	100	-	-	0	0	0	0	-	-	2	-	-	-
Trimethylbenzene[1,2,4-]	EPA:624	ug/L	1	0	0	1	1	1	1	100	-	-	0	0	0	0	-	-	1	-	-	-
Trimethylbenzene[1,2,4-]	SW-846:8260B	ug/L	14	0	0	1	1	1	14	100	-	-	0	0	0	0	-	-	2	-	-	-
Trimethylbenzene[1,3,5-]	EPA:624	ug/L	1	0	0	1	1	1	1	100	-	-	0	0	0	0	-	-	1	-	-	-
Trimethylbenzene[1,3,5-]	SW-846:8260B	ug/L	14	0	0	1	1	1	14	100	-	-	0	0	0	0	-	-	2	-	-	-
Vinyl acetate	SW-846:8260B	ug/L	13	0	0	5	5	5	13	100	-	-	0	0	0	0	-	-	2	-	-	-
Vinyl Chloride	EPA:624	ug/L	1	0	0	1	1	1	1	100	-	-	0	0	0	0	5300	HHPU	1	-	-	-
Vinyl Chloride	SW-846:8260B	ug/L	14	0	0	1	1	1	14	100	-	-	0	0	0	0	5300	HHPU	2	-	-	-
Xylene (Total)	EPA:624	ug/L	1	0	0	1	1	1	1	100	-	-	0	0	0	0	-	-	1	-	-	-

Table B-4
Screening Table for Pajarito Canyon Watershed (including Twomile and Threemile Canyons)

Analyte	Method	Units	No. of Analyses	No. of Detects	D Rate %	Min	Mean	Max	No. of Non-detects	ND Rate %	BV	D> BV	ND> Std	D> Std	D> Std/2	D>Std/2 Rate %	Level	Std Type	Locations with Data (number)	D>Std (number of locations)	D>Std/2 (number of locations)	D>Std Stations
Xylene[1,2-]	EPA:624	ug/L	1	0	0	1	1	1	1	100	-	-	0	0	0	0	-	-	1	-	-	-
Xylene[1,2-]	SW-846:8260B	ug/L	14	0	0	1	1	1	14	100	-	-	0	0	0	0	-	-	2	-	-	-
Xylene[1,3-]+Xylene[1,4-]	EPA:624	ug/L	1	0	0	2	2	2	1	100	-	-	0	0	0	0	-	-	1	-	-	-
Xylene[1,3-]+Xylene[1,4-]	SW-846:8260B	ug/L	14	0	0	2	2	2	14	100	-	-	0	0	0	0	-	-	2	-	-	-
Pajarito, VOA, UF, Springs																						
Acetone	SW-846:8260B	ug/L	51	12	24	1.72	4.18333	9.8	39	76	-	-	0	0	0	0	5475	Reg6	10	-	-	-
Acetonitrile	SW-846:8260B	ug/L	46	0	0	25	25	25	46	100	-	-	0	0	0	0	124.1	Reg6	10	-	-	-
Acrolein	SW-846:8260B	ug/L	59	0	0	5	5	5	59	100	-	-	59	0	0	0	0.04161916	Reg6	10	-	-	-
Acrylonitrile	SW-846:8260B	ug/L	59	0	0	5	5	5	59	100	-	-	59	0	0	0	1.237239	Reg6	10	-	-	-
Benzene	SW-846:8260B	ug/L	51	0	0	1	1	1	51	100	-	-	0	0	0	0	5	MCL	10	-	-	-
Bromobenzene	SW-846:8260B	ug/L	54	0	0	1	1	1	54	100	-	-	0	0	0	0	23.25201	Reg6	10	-	-	-
Bromochloromethane	SW-846:8260B	ug/L	59	0	0	1	1	1	59	100	-	-	0	0	0	0	-	-	10	-	-	-
Bromodichloromethane	SW-846:8260B	ug/L	59	0	0	1	1	1	59	100	-	-	0	0	0	0	10.69108	Reg6	10	-	-	-
Bromoform	SW-846:8260B	ug/L	59	0	0	1	1	1	59	100	-	-	0	0	0	0	85.10321	Reg6	10	-	-	-
Bromomethane	SW-846:8260B	ug/L	59	0	0	1	1	1	59	100	-	-	0	0	0	0	8.661017	Reg6	10	-	-	-
Butanol[1-]	SW-846:8260B	ug/L	8	0	0	50	50	50	8	100	-	-	0	0	0	0	3650	Reg6	6	-	-	-
Butanone[2-]	SW-846:8260B	ug/L	59	9	15	1.37	4.08667	11.7	50	85	-	-	0	0	0	0	7064.516	Reg6	10	-	-	-
Butylbenzene[n-]	SW-846:8260B	ug/L	58	0	0	1	1	1	58	100	-	-	0	0	0	0	60.83333	Reg6	10	-	-	-
Butylbenzene[sec-]	SW-846:8260B	ug/L	58	0	0	1	1	1	58	100	-	-	0	0	0	0	60.83333	Reg6	10	-	-	-
Butylbenzene[tert-]	SW-846:8260B	ug/L	58	0	0	1	1	1	58	100	-	-	0	0	0	0	60.83333	Reg6	10	-	-	-
Carbon Disulfide	SW-846:8260B	ug/L	54	0	0	5	5	5	54	100	-	-	0	0	0	0	1042.857	Reg6	10	-	-	-
Carbon Tetrachloride	SW-846:8260B	ug/L	59	0	0	1	1	1	59	100	-	-	0	0	0	0	5	MCL	10	-	-	-
Chloro-1,3-butadiene[2-]	SW-846:8260B	ug/L	52	0	0	1	1	1	52	100	-	-	0	0	0	0	14.31373	Reg6	10	-	-	-
Chloro-1-propene[3-]	SW-846:8260B	ug/L	52	0	0	5	5	5	52	100	-	-	0	0	0	0	1825	Reg6	10	-	-	-
Chlorobenzene	SW-846:8260B	ug/L	59	0	0	1	1	1	59	100	-	-	0	0	0	0	100	MCL	10	-	-	-
Chlorodibromomethane	SW-846:8260B	ug/L	59	0	0	1	1	1	59	100	-	-	0	0	0	0	7.891034	Reg6	10	-	-	-
Chloroethane	SW-846:8260B	ug/L	59	0	0	1	1	1	59	100	-	-	0	0	0	0	228.5679	Reg6	10	-	-	-
Chloroethyl vinyl ether[2-]	SW-846:8260B	ug/L	8	0	0	5	5	5	8	100	-	-	0	0	0	0	-	-	7	-	-	-
Chloroform	SW-846:8260B	ug/L	59	4	7	0.332	0.365	0.405	55	93	-	-	0	0	0	0	60	MCL	10	-	-	-
Chloromethane	SW-846:8260B	ug/L	54	0	0	1	1	1	54	100	-	-	0	0	0	0	21.34503	Reg6	10	-	-	-
Chlorotoluene[2-]	SW-846:8260B	ug/L	52	0	0	1	1	1	52	100	-	-	0	0	0	0	121.6667	Reg6	10	-	-	-
Chlorotoluene[4-]	SW-846:8260B	ug/L	59	0	0	1	1	1	59	100	-	-	0	0	0	0	-	-	10	-	-	-
Dibromo-3-Chloropropane[1,2-]	SW-846:8260B	ug/L	59	0	0	1	1	1	59	100	-	-	59	0	0	0	0.2	MCL	10	-	-	-
Dibromoethane[1,2-]	SW-846:8260B	ug/L	59	0	0	1	1	1	59	100	-	-	59	0	0	0	0.05	MCL	10	-	-	-
Dibromomethane	SW-846:8260B	ug/L	59	0	0	1	1	1	59	100	-	-	0	0	0	0	60.83333	Reg6	10	-	-	-
Dichlorobenzene[1,2-]	SW-846:8260B	ug/L	57	1	2	0.283	0.283	0.283	56	98	-	-	0	0	0	0	-	-	10	-	-	-
Dichlorobenzene[1,3-]	SW-846:8260B	ug/L	56	3	5	0.328	0.40933	0.536	53	95	-	-	0	0	0	0	-	-	10	-	-	-
Dichlorobenzene[1,4-]	SW-846:8260B	ug/L	57	0	0	1	1	1	57	100	-	-	0	0	0	0	-	-	10	-	-	-
Dichlorodifluoromethane	SW-846:8260B	ug/L	59	0	0	1	1	1	59	100	-	-	0	0	0	0	394.5946	Reg6	10	-	-	-
Dichloroethane[1,1-]	SW-846:8260B	ug/L	59	0	0	1	1	1	59	100	-	-	0	0	0	0	25	NMGSU	10	-	-	-
Dichloroethane[1,2-]	SW-846:8260B	ug/L	59	0	0	1	1	1	59	100	-	-	0	0	0	0	5	MCL	10	-	-	-
Dichloroethene[1,1-]	SW-846:8260B	ug/L	59	0	0	1	1	1	59	100	-	-	0	0	0	0	5	NMGSU	10	-	-	-
Dichloroethene[cis-1,2-]	SW-846:8260B	ug/L	52	0	0	1	1	1	52	100	-	-	0	0	0	0	70	MCL	10	-	-	-
Dichloroethene[trans-1,2-]	SW-846:8260B	ug/L	59	0	0	1	1	1	59	100	-	-	0	0	0	0	100	MCL	10	-	-	-
Dichloropropane[1,2-]	SW-846:8260B	ug/L	59	0	0	1	1	1	59	100	-	-	0	0	0	0	5	MCL	10	-	-	-
Dichloropropane[1,3-]	SW-846:8260B	ug/L	59	0	0	1	1	1	59	100	-	-	0	0	0	0	-	-	10	-	-	-
Dichloropropane[2,2-]	SW-846:8260B	ug/L	59	0	0	1	1	1	59	100	-	-	0	0	0	0	-	-	10	-	-	-
Dichloropropene[1,1-]	SW-846:8260B	ug/L	59	0	0	1	1	1	59	100	-	-	0	0	0	0	-	-	10	-	-	-
Dichloropropene[cis/trans-1,3-]	SW-846:8260B	ug/L	8	0	0	1	1	1	8	100	-	-	0	0	0	0	6.709735	Reg6	7	-	-	-
Dichloropropene[cis-1,3-]	SW-846:8260B	ug/L	59	0	0	1	1	1	59	100	-	-	0	0	0	0	-	-	10	-	-	-
Dichloropropene[trans-1,3-]	SW-846:8260B	ug/L	59	0	0	1	1	1	59	100	-	-	0	0	0	0	-	-	10	-	-	-
Diethyl Ether	SW-846:8260B	ug/L	17	0	0	1	1	1	17	100	-	-	0	0	0	0	-	-	8	-	-	-
Ethyl Methacrylate	SW-846:8260B	ug/L	52	0	0	5	5	5	52	100	-	-	0	0	0	0	547.5	Reg6	10	-	-	-
Ethylbenzene	SW-846:8260B	ug/L	54	0	0	1	1	1	54	100	-	-	0	0	0	0	700	MCL	10	-	-	-
Hexachlorobutadiene	SW-846:8260B	ug/L	57	0	0	1	1	1	57	100	-	-	0	0	0	0	-	-	10	-	-	-
Hexanone[2-]	SW-846:8260B	ug/L	59	0	0	5	5	5	59	100	-	-	0	0	0	0	-	-	10	-	-	-
Iodomethane	SW-846:8260B	ug/L	59	0	0	5	5	5	59	100	-	-	0	0	0	0	-	-	10	-	-	-
Isobutyl alcohol	SW-846:8260B	ug/L	38	0	0	50	50	50	38	100	-	-	0	0	0	0	1825	Reg6	10	-	-	-

Table B-4
Screening Table for Pajarito Canyon Watershed (including Twomile and Threemile Canyons)

Analyte	Method	Units	No. of Analyses	No. of Detects	D Rate %	Min	Mean	Max	No. of Non-detects	ND Rate %	BV	D> BV	ND> Std	D> Std	D> Std/2	D>Std/2 Rate %	Level	Std Type	Locations with Data (number)	D>Std (number of locations)	D>Std/2 (number of locations)	D>Std Stations
Isopropylbenzene	SW-846:8260B	ug/L	59	0	0	1	1	1	59	100	-	-	0	0	0	0	658.1967	Reg6	10	-	-	-
Isopropyltoluene[4-]	SW-846:8260B	ug/L	58	0	0	1	1	1	58	100	-	-	0	0	0	0	-	-	10	-	-	-
Methacrylonitrile	SW-846:8260B	ug/L	52	0	0	5	5	5	52	100	-	-	52	0	0	0	1.042857	Reg6	10	-	-	-
Methyl Methacrylate	SW-846:8260B	ug/L	52	0	0	5	5	5	52	100	-	-	0	0	0	0	1419.444	Reg6	10	-	-	-
Methyl tert-Butyl Ether	SW-846:8260B	ug/L	17	0	0	1	1	1	17	100	-	-	0	0	0	0	370.8305	Reg6	8	-	-	-
Methyl-2-pentanone[4-]	SW-846:8260B	ug/L	59	0	0	5	5	5	59	100	-	-	0	0	0	0	1990.909	Reg6	10	-	-	-
Methylene Chloride	SW-846:8260B	ug/L	59	0	0	5	5.05085	8	59	100	-	-	1	0	0	0	5	MCL	10	-	-	-
Naphthalene	SW-846:8260B	ug/L	58	0	0	0.76	0.99586	1	58	100	-	-	0	0	0	0	-	-	10	-	-	-
Propionitrile	SW-846:8260B	ug/L	52	0	0	5	5	5	52	100	-	-	0	0	0	0	-	-	10	-	-	-
Propylbenzene[1-]	SW-846:8260B	ug/L	57	0	0	1	1	1	57	100	-	-	0	0	0	0	60.83333	Reg6	10	-	-	-
Styrene	SW-846:8260B	ug/L	54	0	0	1	1	1	54	100	-	-	0	0	0	0	100	MCL	10	-	-	-
Tetrachloroethane[1,1,1,2-]	SW-846:8260B	ug/L	59	0	0	1	1	1	59	100	-	-	0	0	0	0	25.49549	Reg6	10	-	-	-
Tetrachloroethane[1,1,2,2-]	SW-846:8260B	ug/L	59	0	0	1	1	1	59	100	-	-	0	0	0	0	10	NMGSU	10	-	-	-
Tetrachloroethene	SW-846:8260B	ug/L	57	0	0	1	1	1	57	100	-	-	0	0	0	0	5	MCL	10	-	-	-
Toluene	SW-846:8260B	ug/L	59	1	2	0.74	0.74	0.74	58	98	-	-	0	0	0	0	750	NMGSU	10	-	-	-
Trichloro-1,2,2-trifluoroethane[1,1,2-]	SW-846:8260B	ug/L	59	0	0	5	5	5	59	100	-	-	0	0	0	0	59179.86	Reg6	10	-	-	-
Trichlorobenzene[1,2,3-]	SW-846:8260B	ug/L	51	0	0	1	1	1	51	100	-	-	0	0	0	0	-	-	10	-	-	-
Trichlorobenzene[1,2,4-]	SW-846:8260B	ug/L	51	0	0	1	1	1	51	100	-	-	0	0	0	0	-	-	10	-	-	-
Trichloroethane[1,1,1-]	SW-846:8260B	ug/L	59	0	0	1	1	1	59	100	-	-	0	0	0	0	60	NMGSU	10	-	-	-
Trichloroethane[1,1,2-]	SW-846:8260B	ug/L	59	0	0	1	1	1	59	100	-	-	0	0	0	0	5	MCL	10	-	-	-
Trichloroethene	SW-846:8260B	ug/L	59	1	2	0.351	0.351	0.351	58	98	-	-	0	0	0	0	5	MCL	10	-	-	-
Trichlorofluoromethane	SW-846:8260B	ug/L	59	0	0	1	1	1	59	100	-	-	0	0	0	0	5	MCL	10	-	-	-
Trichloropropane[1,2,3-]	SW-846:8260B	ug/L	59	0	0	1	1	1	59	100	-	-	59	0	0	0	0.09469241	Reg6	10	-	-	-
Trimethylbenzene[1,2,4-]	SW-846:8260B	ug/L	59	0	0	1	1	1	59	100	-	-	0	0	0	0	12.42906	Reg6	10	-	-	-
Trimethylbenzene[1,3,5-]	SW-846:8260B	ug/L	58	0	0	1	1	1	58	100	-	-	0	0	0	0	12.32618	Reg6	10	-	-	-
Vinyl acetate	SW-846:8260B	ug/L	48	0	0	5	5	5	48	100	-	-	0	0	0	0	412.4294	Reg6	10	-	-	-
Vinyl Chloride	SW-846:8260B	ug/L	59	0	0	1	1	1	59	100	-	-	0	0	0	0	1	NMGSU	10	-	-	-
Xylene (Total)	SW-846:8260B	ug/L	7	0	0	1	1	1	7	100	-	-	0	0	0	0	10000	MCL	6	-	-	-
Xylene[1,2-]	SW-846:8260B	ug/L	54	0	0	1	1	1	54	100	-	-	0	0	0	0	1431.373	Reg6	10	-	-	-
Xylene[1,3-]+Xylene[1,4-]	SW-846:8260B	ug/L	53	0	0	2	2	2	53	100	-	-	0	0	0	0	-	-	10	-	-	-
Pajarito, VOA, UF, Alluvial																						
Acetone	SW-846:8260B	ug/L	27	6	22	1.25	5.78	22.2	21	78	-	-	0	0	0	0	5475	Reg6	6	-	-	-
Acetonitrile	SW-846:8260B	ug/L	32	1	3	11.6	11.6	11.6	31	97	-	-	0	0	0	0	124.1	Reg6	6	-	-	-
Acrolein	SW-846:8260B	ug/L	32	0	0	5	5	5	32	100	-	-	32	0	0	0	0.04161916	Reg6	6	-	-	-
Acrylonitrile	SW-846:8260B	ug/L	32	0	0	5	5	5	32	100	-	-	32	0	0	0	1.237239	Reg6	6	-	-	-
Benzene	SW-846:8260B	ug/L	30	0	0	0.3	0.97667	1	30	100	-	-	0	0	0	0	5	MCL	6	-	-	-
Bromobenzene	SW-846:8260B	ug/L	32	0	0	1	1	1	32	100	-	-	0	0	0	0	23.25201	Reg6	6	-	-	-
Bromochloromethane	SW-846:8260B	ug/L	32	0	0	1	1	1	32	100	-	-	0	0	0	0	-	-	6	-	-	-
Bromodichloromethane	SW-846:8260B	ug/L	32	0	0	1	1	1	32	100	-	-	0	0	0	0	10.69108	Reg6	6	-	-	-
Bromoform	SW-846:8260B	ug/L	32	0	0	1	1	1	32	100	-	-	0	0	0	0	85.10321	Reg6	6	-	-	-
Bromomethane	SW-846:8260B	ug/L	32	0	0	1	1	1	32	100	-	-	0	0	0	0	8.661017	Reg6	6	-	-	-
Butanol[1-]	SW-846:8260B	ug/L	7	1	14	13.9	13.9	13.9	6	86	-	-	0	0	0	0	3650	Reg6	3	-	-	-
Butanone[2-]	SW-846:8260B	ug/L	32	1	3	1.67	1.67	1.67	31	97	-	-	0	0	0	0	7064.516	Reg6	6	-	-	-
Butylbenzene[n-]	SW-846:8260B	ug/L	32	0	0	1	1	1	32	100	-	-	0	0	0	0	60.83333	Reg6	6	-	-	-
Butylbenzene[sec-]	SW-846:8260B	ug/L	32	0	0	1	1	1	32	100	-	-	0	0	0	0	60.83333	Reg6	6	-	-	-
Butylbenzene[tert-]	SW-846:8260B	ug/L	32	0	0	1	1	1	32	100	-	-	0	0	0	0	60.83333	Reg6	6	-	-	-
Carbon Disulfide	SW-846:8260B	ug/L	30	0	0	5	5	5	30	100	-	-	0	0	0	0	1042.857	Reg6	6	-	-	-
Carbon Tetrachloride	SW-846:8260B	ug/L	32	0	0	1	1	1	32	100	-	-	0	0	0	0	5	MCL	6	-	-	-
Chloro-1,3-butadiene[2-]	SW-846:8260B	ug/L	32	0	0	1	1	1	32	100	-	-	0	0	0	0	14.31373	Reg6	6	-	-	-
Chloro-1-propene[3-]	SW-846:8260B	ug/L	32	0	0	5	5	5	32	100	-	-	0	0	0	0	1825	Reg6	6	-	-	-
Chlorobenzene	SW-846:8260B	ug/L	32	0	0	1	1	1	32	100	-	-	0	0	0	0	100	MCL	6	-	-	-
Chlorodibromomethane	SW-846:8260B	ug/L	32	0	0	1	1	1	32	100	-	-	0	0	0	0	7.891034	Reg6	6	-	-	-
Chloroethane	SW-846:8260B	ug/L	32	0	0	1	1	1	32	100	-	-	0	0	0	0	228.5679	Reg6	6	-	-	-
Chloroethyl vinyl ether[2-]	EPA:624	ug/L	6	0	0	5	5	5	6	100	-	-	0	0	0	0	-	-	5	-	-	-
Chloroethyl vinyl ether[2-]	SW-846:8260B	ug/L	3	0	0	5	5	5	3	100	-	-	0	0	0	0	-	-	2	-	-	-
Chloroform	SW-846:8260B	ug/L	32	0	0	1	1	1	32	100	-	-	0	0	0	0	60	MCL	6	-	-	-
Chloromethane	SW-846:8260B	ug/L	29	0	0	1	1	1	29	100	-	-	0	0	0	0	21.34503	Reg6	6	-	-	-
Chlorotoluene[2-]	SW-846:8260B	ug/L	27	0	0	1	1	1	27	100	-	-	0	0	0	0	121.6667	Reg6	6	-	-	-

Table B-4
Screening Table for Pajarito Canyon Watershed (including Twomile and Threemile Canyons)

Analyte	Method	Units	No. of Analyses	No. of Detects	D Rate %	Min	Mean	Max	No. of Non-detects	ND Rate %	BV	D> BV	ND> Std	D> Std	D> Std/2	D>Std/2 Rate %	Level	Std Type	Locations with Data (number)	D>Std (number of locations)	D>Std/2 (number of locations)	D>Std Stations
Chlorotoluene[4-]	SW-846:8260B	ug/L	32	0	0	*1*	*1*	*1*	32	100	-	-	0	0	0	0	-	-	6	-	-	-
Dibromo-3-Chloropropane[1,2-]	SW-846:8260B	ug/L	32	0	0	*1*	*1*	*1*	32	100	-	-	32	0	0	0	0.2	MCL	6	-	-	-
Dibromoethane[1,2-]	SW-846:8260B	ug/L	32	0	0	*1*	*1*	*1*	32	100	-	-	32	0	0	0	0.05	MCL	6	-	-	-
Dibromomethane	SW-846:8260B	ug/L	32	0	0	*1*	*1*	*1*	32	100	-	-	0	0	0	0	60.83333	Reg6	6	-	-	-
Dichlorobenzene[1,2-]	SW-846:8260B	ug/L	27	0	0	*1*	*1*	*1*	27	100	-	-	0	0	0	0	-	-	6	-	-	-
Dichlorobenzene[1,3-]	SW-846:8260B	ug/L	27	0	0	*1*	*1*	*1*	27	100	-	-	0	0	0	0	-	-	6	-	-	-
Dichlorobenzene[1,4-]	SW-846:8260B	ug/L	27	0	0	*1*	*1*	*1*	27	100	-	-	0	0	0	0	-	-	6	-	-	-
Dichlorodifluoromethane	SW-846:8260B	ug/L	32	0	0	*1*	*1*	*1*	32	100	-	-	0	0	0	0	394.5946	Reg6	6	-	-	-
Dichloroethane[1,1-]	SW-846:8260B	ug/L	32	0	0	*1*	*1*	*1*	32	100	-	-	0	0	0	0	25	NMGSU	6	-	-	-
Dichloroethane[1,2-]	SW-846:8260B	ug/L	32	0	0	*1*	*1*	*1*	32	100	-	-	0	0	0	0	5	MCL	6	-	-	-
Dichloroethene[1,1-]	SW-846:8260B	ug/L	32	0	0	*1*	*1*	*1*	32	100	-	-	0	0	0	0	5	NMGSU	6	-	-	-
Dichloroethene[cis-1,2-]	SW-846:8260B	ug/L	32	0	0	*1*	*1*	*1*	32	100	-	-	0	0	0	0	70	MCL	6	-	-	-
Dichloroethene[trans-1,2-]	SW-846:8260B	ug/L	32	0	0	*1*	*1*	*1*	32	100	-	-	0	0	0	0	100	MCL	6	-	-	-
Dichloropropane[1,2-]	SW-846:8260B	ug/L	32	0	0	*1*	*1*	*1*	32	100	-	-	0	0	0	0	5	MCL	6	-	-	-
Dichloropropane[1,3-]	SW-846:8260B	ug/L	32	0	0	*1*	*1*	*1*	32	100	-	-	0	0	0	0	-	-	6	-	-	-
Dichloropropane[2,2-]	SW-846:8260B	ug/L	32	0	0	*1*	*1*	*1*	32	100	-	-	0	0	0	0	-	-	6	-	-	-
Dichloropropene[1,1-]	SW-846:8260B	ug/L	32	0	0	*1*	*1*	*1*	32	100	-	-	0	0	0	0	-	-	6	-	-	-
Dichloropropene[cis/trans-1,3-]	SW-846:8260B	ug/L	5	0	0	*1*	*1*	*1*	5	100	-	-	0	0	0	0	6.709735	Reg6	4	-	-	-
Dichloropropene[cis-1,3-]	SW-846:8260B	ug/L	32	0	0	*1*	*1*	*1*	32	100	-	-	0	0	0	0	-	-	6	-	-	-
Dichloropropene[trans-1,3-]	SW-846:8260B	ug/L	32	0	0	*1*	*1*	*1*	32	100	-	-	0	0	0	0	-	-	6	-	-	-
Diethyl Ether	SW-846:8260B	ug/L	12	0	0	*1*	*1*	*1*	12	100	-	-	0	0	0	0	-	-	6	-	-	-
Ethyl Methacrylate	SW-846:8260B	ug/L	32	0	0	*5*	*5*	*5*	32	100	-	-	0	0	0	0	547.5	Reg6	6	-	-	-
Ethylbenzene	SW-846:8260B	ug/L	32	0	0	*1*	*1*	*1*	32	100	-	-	0	0	0	0	700	MCL	6	-	-	-
Hexachlorobutadiene	SW-846:8260B	ug/L	27	0	0	*1*	*1*	*1*	27	100	-	-	0	0	0	0	-	-	6	-	-	-
Hexanone[2-]	SW-846:8260B	ug/L	32	0	0	*5*	*5*	*5*	32	100	-	-	0	0	0	0	-	-	6	-	-	-
Iodomethane	SW-846:8260B	ug/L	32	0	0	*5*	*5*	*5*	32	100	-	-	0	0	0	0	-	-	6	-	-	-
Isobutyl alcohol	SW-846:8260B	ug/L	25	0	0	*50*	*50*	*50*	25	100	-	-	0	0	0	0	1825	Reg6	6	-	-	-
Isopropylbenzene	SW-846:8260B	ug/L	32	0	0	*1*	*1*	*1*	32	100	-	-	0	0	0	0	658.1967	Reg6	6	-	-	-
Isopropyltoluene[4-]	SW-846:8260B	ug/L	32	0	0	*1*	*1*	*1*	32	100	-	-	0	0	0	0	-	-	6	-	-	-
Methacrylonitrile	SW-846:8260B	ug/L	32	0	0	*5*	*5*	*5*	32	100	-	-	32	0	0	0	1.042857	Reg6	6	-	-	-
Methyl Methacrylate	SW-846:8260B	ug/L	32	0	0	*5*	*5*	*5*	32	100	-	-	0	0	0	0	1419.444	Reg6	6	-	-	-
Methyl tert-Butyl Ether	SW-846:8260B	ug/L	12	0	0	*1*	*1*	*1*	12	100	-	-	0	0	0	0	370.8305	Reg6	6	-	-	-
Methyl-2-pentanone[4-]	SW-846:8260B	ug/L	32	0	0	*5*	*5*	*5*	32	100	-	-	0	0	0	0	1990.909	Reg6	6	-	-	-
Methylene Chloride	SW-846:8260B	ug/L	32	0	0	*2.02*	*4.67813*	*5*	32	100	-	-	0	0	0	0	5	MCL	6	-	-	-
Naphthalene	SW-846:8260B	ug/L	32	0	0	*0.707*	*0.98241*	*1.6*	32	100	-	-	0	0	0	0	-	-	6	-	-	-
Propionitrile	SW-846:8260B	ug/L	32	0	0	*5*	*5*	*5*	32	100	-	-	0	0	0	0	-	-	6	-	-	-
Propylbenzene[1-]	SW-846:8260B	ug/L	32	0	0	*1*	*1*	*1*	32	100	-	-	0	0	0	0	60.83333	Reg6	6	-	-	-
Styrene	SW-846:8260B	ug/L	32	0	0	*1*	*1*	*1*	32	100	-	-	0	0	0	0	100	MCL	6	-	-	-
Tetrachloroethane[1,1,1,2-]	SW-846:8260B	ug/L	32	0	0	*1*	*1*	*1*	32	100	-	-	0	0	0	0	25.49549	Reg6	6	-	-	-
Tetrachloroethane[1,1,2,2-]	SW-846:8260B	ug/L	32	0	0	*1*	*1*	*1*	32	100	-	-	0	0	0	0	10	NMGSU	6	-	-	-
Tetrachloroethene	SW-846:8260B	ug/L	26	0	0	*1*	*1*	*1*	26	100	-	-	0	0	0	0	5	MCL	6	-	-	-
Toluene	SW-846:8260B	ug/L	32	0	0	*1*	*1*	*1*	32	100	-	-	0	0	0	0	750	NMGSU	6	-	-	-
Trichloro-1,2,2-trifluoroethane[1,1,2-]	SW-846:8260B	ug/L	32	0	0	*5*	*5*	*5*	32	100	-	-	0	0	0	0	59179.86	Reg6	6	-	-	-
Trichlorobenzene[1,2,3-]	SW-846:8260B	ug/L	32	0	0	*1*	*1*	*1*	32	100	-	-	0	0	0	0	-	-	6	-	-	-
Trichlorobenzene[1,2,4-]	SW-846:8260B	ug/L	32	0	0	*1*	*1*	*1*	32	100	-	-	0	0	0	0	-	-	6	-	-	-
Trichloroethane[1,1,1-]	SW-846:8260B	ug/L	32	0	0	*1*	*1*	*1*	32	100	-	-	0	0	0	0	60	NMGSU	6	-	-	-
Trichloroethane[1,1,2-]	SW-846:8260B	ug/L	32	0	0	*1*	*1*	*1*	32	100	-	-	0	0	0	0	5	MCL	6	-	-	-
Trichloroethene	SW-846:8260B	ug/L	32	0	0	*1*	*1*	*1*	32	100	-	-	0	0	0	0	5	MCL	6	-	-	-
Trichlorofluoromethane	SW-846:8260B	ug/L	32	0	0	*1*	*1*	*1*	32	100	-	-	0	0	0	0	5	MCL	6	-	-	-
Trichloropropane[1,2,3-]	SW-846:8260B	ug/L	32	0	0	*1*	*1*	*1*	32	100	-	-	32	0	0	0	0.09469241	Reg6	6	-	-	-
Trimethylbenzene[1,2,4-]	SW-846:8260B	ug/L	32	0	0	*1*	*1*	*1*	32	100	-	-	0	0	0	0	12.42906	Reg6	6	-	-	-
Trimethylbenzene[1,3,5-]	SW-846:8260B	ug/L	32	0	0	*1*	*1*	*1*	32	100	-	-	0	0	0	0	12.32618	Reg6	6	-	-	-
Vinyl acetate	SW-846:8260B	ug/L	32	0	0	*5*	*5*	*5*	32	100	-	-	0	0	0	0	412.4294	Reg6	6	-	-	-
Vinyl Chloride	SW-846:8260B	ug/L	32	0	0	*1*	*1*	*1*	32	100	-	-	0	0	0	0	1	NMGSU	6	-	-	-
Xylene[1,2-]	SW-846:8260B	ug/L	32	0	0	*1*	*1*	*1*	32	100	-	-	0	0	0	0	1431.373	Reg6	6	-	-	-
Xylene[1,3-]+Xylene[1,4-]	SW-846:8260B	ug/L	32	0	0	*2*	*2*	*2*	32	100	-	-	0	0	0	0	-	-	6	-	-	-
Pajarito, VOA, UF, Intermediate																						
Acetone	SW-846:8260B	ug/L	27	7	26	1.33	7.53571	22.7	20	74	-	-	0	0	0	0	5475	Reg6	5	-	-	-

Table B-4
Screening Table for Pajarito Canyon Watershed (including Twomile and Threemile Canyons)

Analyte	Method	Units	No. of Analyses	No. of Detects	D Rate %	Min	Mean	Max	No. of Non-detects	ND Rate %	BV	D> BV	ND> Std	D> Std	D> Std/2	D>Std/2 Rate %	Level	Std Type	Locations with Data (number)	D>Std (number of locations)	D>Std/2 (number of locations)	D>Std Stations
Acetonitrile	SW-846:8260B	ug/L	26	0	0	*25*	*26.4423*	*62.5*	26	100	-	-	0	0	0	0	124.1	Reg6	4	-	-	-
Acrolein	SW-846:8260B	ug/L	28	0	0	*5*	*5.26786*	*12.5*	28	100	-	-	28	0	0	0	0.04161916	Reg6	5	-	-	-
Acrylonitrile	SW-846:8260B	ug/L	28	0	0	*5*	*5.26786*	*12.5*	28	100	-	-	28	0	0	0	1.237239	Reg6	5	-	-	-
Benzene	SW-846:8260B	ug/L	28	0	0	*1*	*1.05357*	*2.5*	28	100	-	-	0	0	0	0	5	MCL	5	-	-	-
Bromobenzene	SW-846:8260B	ug/L	28	0	0	*1*	*1.05357*	*2.5*	28	100	-	-	0	0	0	0	23.25201	Reg6	5	-	-	-
Bromochloromethane	SW-846:8260B	ug/L	28	0	0	*1*	*1.05357*	*2.5*	28	100	-	-	0	0	0	0	-	-	5	-	-	-
Bromodichloromethane	SW-846:8260B	ug/L	28	0	0	*1*	*1.05357*	*2.5*	28	100	-	-	0	0	0	0	10.69108	Reg6	5	-	-	-
Bromoform	SW-846:8260B	ug/L	28	0	0	*1*	*1.05357*	*2.5*	28	100	-	-	0	0	0	0	85.10321	Reg6	5	-	-	-
Bromomethane	SW-846:8260B	ug/L	28	0	0	*1*	*1.05357*	*2.5*	28	100	-	-	0	0	0	0	8.661017	Reg6	5	-	-	-
Butanol[1-]	SW-846:8260B	ug/L	7	0	0	*50*	*50*	*50*	7	100	-	-	0	0	0	0	3650	Reg6	4	-	-	-
Butanone[2-]	SW-846:8260B	ug/L	28	3	11	2.71	4.17	6.63	25	89	-	-	0	0	0	0	7064.516	Reg6	5	-	-	-
Butylbenzene[n-]	SW-846:8260B	ug/L	28	0	0	*1*	*1.05357*	*2.5*	28	100	-	-	0	0	0	0	60.83333	Reg6	5	-	-	-
Butylbenzene[sec-]	SW-846:8260B	ug/L	28	0	0	*1*	*1.05357*	*2.5*	28	100	-	-	0	0	0	0	60.83333	Reg6	5	-	-	-
Butylbenzene[tert-]	SW-846:8260B	ug/L	28	0	0	*1*	*1.05357*	*2.5*	28	100	-	-	0	0	0	0	60.83333	Reg6	5	-	-	-
Carbon Disulfide	SW-846:8260B	ug/L	27	0	0	*5*	*5.27778*	*12.5*	27	100	-	-	0	0	0	0	1042.857	Reg6	5	-	-	-
Carbon Tetrachloride	SW-846:8260B	ug/L	28	0	0	*1*	*1.05357*	*2.5*	28	100	-	-	0	0	0	0	5	MCL	5	-	-	-
Chloro-1,3-butadiene[2-]	SW-846:8260B	ug/L	27	0	0	*1*	*1.05556*	*2.5*	27	100	-	-	0	0	0	0	14.31373	Reg6	4	-	-	-
Chloro-1-propene[3-]	SW-846:8260B	ug/L	27	0	0	*5*	*5.27778*	*12.5*	27	100	-	-	0	0	0	0	1825	Reg6	4	-	-	-
Chlorobenzene	SW-846:8260B	ug/L	28	0	0	*1*	*1.05357*	*2.5*	28	100	-	-	0	0	0	0	100	MCL	5	-	-	-
Chlorodibromomethane	SW-846:8260B	ug/L	28	0	0	*1*	*1.05357*	*2.5*	28	100	-	-	0	0	0	0	7.891034	Reg6	5	-	-	-
Chloroethane	SW-846:8260B	ug/L	28	0	0	*1*	*1.05357*	*2.5*	28	100	-	-	0	0	0	0	228.5679	Reg6	5	-	-	-
Chloroethyl vinyl ether[2-]	EPA:624	ug/L	3	0	0	*5*	*5*	*5*	3	100	-	-	0	0	0	0	-	-	2	-	-	-
Chloroethyl vinyl ether[2-]	SW-846:8260B	ug/L	6	0	0	*5*	*5*	*5*	6	100	-	-	0	0	0	0	-	-	4	-	-	-
Chloroform	SW-846:8260B	ug/L	28	14	50	0.404	0.68843	1.53	14	50	-	-	0	0	0	0	60	MCL	5	-	-	-
Chloromethane	SW-846:8260B	ug/L	28	0	0	*1*	*1.05357*	*2.5*	28	100	-	-	0	0	0	0	21.34503	Reg6	5	-	-	-
Chlorotoluene[2-]	SW-846:8260B	ug/L	28	0	0	*1*	*1.05357*	*2.5*	28	100	-	-	0	0	0	0	121.6667	Reg6	5	-	-	-
Chlorotoluene[4-]	SW-846:8260B	ug/L	28	0	0	*1*	*1.05357*	*2.5*	28	100	-	-	0	0	0	0	-	-	5	-	-	-
Dibromo-3-Chloropropane[1,2-]	SW-846:8260B	ug/L	28	0	0	*1*	*1.05357*	*2.5*	28	100	-	-	28	0	0	0	0.2	MCL	5	-	-	-
Dibromoethane[1,2-]	SW-846:8260B	ug/L	28	0	0	*1*	*1.05357*	*2.5*	28	100	-	-	28	0	0	0	0.05	MCL	5	-	-	-
Dibromomethane	SW-846:8260B	ug/L	28	0	0	*1*	*1.05357*	*2.5*	28	100	-	-	0	0	0	0	60.83333	Reg6	5	-	-	-
Dichlorobenzene[1,2-]	SW-846:8260B	ug/L	28	0	0	*1*	*1.05357*	*2.5*	28	100	-	-	0	0	0	0	-	-	5	-	-	-
Dichlorobenzene[1,3-]	SW-846:8260B	ug/L	28	1	4	3.25	3.25	3.25	27	96	-	-	0	0	0	0	-	-	5	-	-	-
Dichlorobenzene[1,4-]	SW-846:8260B	ug/L	28	0	0	*1*	*1.05357*	*2.5*	28	100	-	-	0	0	0	0	-	-	5	-	-	-
Dichlorodifluoromethane	SW-846:8260B	ug/L	26	0	0	*1*	*1.05769*	*2.5*	26	100	-	-	0	0	0	0	394.5946	Reg6	5	-	-	-
Dichloroethane[1,1-]	SW-846:8260B	ug/L	28	15	54	1.23	2.70067	5.89	13	46	-	-	0	0	0	0	25	NMGSU	5	-	-	-
Dichloroethane[1,2-]	SW-846:8260B	ug/L	28	0	0	*1*	*1.05357*	*2.5*	28	100	-	-	0	0	0	0	5	MCL	5	-	-	-
Dichloroethene[1,1-]	SW-846:8260B	ug/L	28	15	54	1.26	4.826	11.1	13	46	-	-	0	6	11	39	5	NMGSU	5	3	3	03-B-10, 03-B-13, 03-B-9
Dichloroethene[cis-1,2-]	SW-846:8260B	ug/L	27	0	0	*1*	*1.05556*	*2.5*	27	100	-	-	0	0	0	0	70	MCL	4	-	-	-
Dichloroethene[trans-1,2-]	SW-846:8260B	ug/L	28	0	0	*1*	*1.05357*	*2.5*	28	100	-	-	0	0	0	0	100	MCL	5	-	-	-
Dichloropropane[1,2-]	SW-846:8260B	ug/L	28	0	0	*1*	*1.05357*	*2.5*	28	100	-	-	0	0	0	0	5	MCL	5	-	-	-
Dichloropropane[1,3-]	SW-846:8260B	ug/L	28	0	0	*1*	*1.05357*	*2.5*	28	100	-	-	0	0	0	0	-	-	5	-	-	-
Dichloropropane[2,2-]	SW-846:8260B	ug/L	28	0	0	*1*	*1.05357*	*2.5*	28	100	-	-	0	0	0	0	-	-	5	-	-	-
Dichloropropene[1,1-]	SW-846:8260B	ug/L	28	0	0	*1*	*1.05357*	*2.5*	28	100	-	-	0	0	0	0	-	-	5	-	-	-
Dichloropropene[cis/trans-1,3-]	SW-846:8260B	ug/L	5	0	0	*1*	*1*	*1*	5	100	-	-	0	0	0	0	6.709735	Reg6	3	-	-	-
Dichloropropene[cis-1,3-]	SW-846:8260B	ug/L	28	0	0	*1*	*1.05357*	*2.5*	28	100	-	-	0	0	0	0	-	-	5	-	-	-
Dichloropropene[trans-1,3-]	SW-846:8260B	ug/L	28	0	0	*1*	*1.05357*	*2.5*	28	100	-	-	0	0	0	0	-	-	5	-	-	-
Diethyl Ether	SW-846:8260B	ug/L	10	0	0	*1*	*1*	*1*	10	100	-	-	0	0	0	0	-	-	4	-	-	-
Dioxane[1,4-]	SW-846:8260B	ug/L	13	13	100	41.3	200.969	450	0	0	-	-	0	0	0	0	-	-	3	-	-	-
Ethyl Methacrylate	SW-846:8260B	ug/L	27	0	0	*5*	*5.27778*	*12.5*	27	100	-	-	0	0	0	0	547.5	Reg6	4	-	-	-
Ethylbenzene	SW-846:8260B	ug/L	28	0	0	*1*	*1.05357*	*2.5*	28	100	-	-	0	0	0	0	700	MCL	5	-	-	-
Hexachlorobutadiene	SW-846:8260B	ug/L	28	0	0	*1*	*1.05357*	*2.5*	28	100	-	-	0	0	0	0	-	-	5	-	-	-
Hexanone[2-]	SW-846:8260B	ug/L	28	0	0	*5*	*5.26786*	*12.5*	28	100	-	-	0	0	0	0	-	-	5	-	-	-
Iodomethane	SW-846:8260B	ug/L	28	0	0	*5*	*5.26786*	*12.5*	28	100	-	-	0	0	0	0	-	-	5	-	-	-
Isobutyl alcohol	SW-846:8260B	ug/L	25	0	0	*50*	*50*	*50*	25	100	-	-	0	0	0	0	1825	Reg6	4	-	-	-
Isopropylbenzene	SW-846:8260B	ug/L	28	0	0	*1*	*1.05357*	*2.5*	28	100	-	-	0	0	0	0	658.1967	Reg6	5	-	-	-
Isopropyltoluene[4-]	SW-846:8260B	ug/L	28	0	0	*1*	*1.05357*	*2.5*	28	100	-	-	0	0	0	0	-	-	5	-	-	-
Methacrylonitrile	SW-846:8260B	ug/L	27	0	0	*5*	*5.27778*	*12.5*	27	100	-	-	27	0	0	0	1.042857	Reg6	4	-	-	-

Table B-4
Screening Table for Pajarito Canyon Watershed (including Twomile and Threemile Canyons)

Analyte	Method	Units	No. of Analyses	No. of Detects	D Rate %	Min	Mean	Max	No. of Non-detects	ND Rate %	BV	D> BV	ND> Std	D> Std	D> Std/2	D>Std/2 Rate %	Level	Std Type	Locations with Data (number)	D>Std (number of locations)	D>Std/2 (number of locations)	D>Std Stations
Methyl Methacrylate	SW-846:8260B	ug/L	27	0	0	5	5.27778	12.5	27	100	-	-	0	0	0	0	1419.444	Reg6	4	-	-	-
Methyl tert-Butyl Ether	SW-846:8260B	ug/L	10	0	0	1	1	1	10	100	-	-	0	0	0	0	370.8305	Reg6	4	-	-	-
Methyl-2-pentanone[4-]	SW-846:8260B	ug/L	28	0	0	5	5.26786	12.5	28	100	-	-	0	0	0	0	1990.909	Reg6	5	-	-	-
Methylene Chloride	SW-846:8260B	ug/L	28	0	0	2.25	5.16964	12.5	28	100	-	-	1	0	0	0	5	MCL	5	-	-	-
Naphthalene	SW-846:8260B	ug/L	28	0	0	1	1.05357	2.5	28	100	-	-	0	0	0	0	-	-	5	-	-	-
Propionitrile	SW-846:8260B	ug/L	27	0	0	5	5.27778	12.5	27	100	-	-	0	0	0	0	-	-	4	-	-	-
Propylbenzene[1-]	SW-846:8260B	ug/L	28	0	0	1	1.05357	2.5	28	100	-	-	0	0	0	0	60.83333	Reg6	5	-	-	-
Styrene	SW-846:8260B	ug/L	28	0	0	1	1.05357	2.5	28	100	-	-	0	0	0	0	100	MCL	5	-	-	-
Tetrachloroethane[1,1,1,2-]	SW-846:8260B	ug/L	28	0	0	1	1.05357	2.5	28	100	-	-	0	0	0	0	25.49549	Reg6	5	-	-	-
Tetrachloroethane[1,1,2,2-]	SW-846:8260B	ug/L	28	0	0	1	1.05357	2.5	28	100	-	-	0	0	0	0	10	NMGSU	5	-	-	-
Tetrachloroethene	SW-846:8260B	ug/L	28	0	0	1	1.05357	2.5	28	100	-	-	0	0	0	0	5	MCL	5	-	-	-
Toluene	SW-846:8260B	ug/L	28	6	21	0.32	6.01667	16	22	79	-	-	0	0	0	0	750	NMGSU	5	-	-	-
Trichloro-1,2,2-trifluoroethane[1,1,2-]	SW-846:8260B	ug/L	28	0	0	5	5.26786	12.5	28	100	-	-	0	0	0	0	59179.86	Reg6	5	-	-	-
Trichlorobenzene[1,2,3-]	SW-846:8260B	ug/L	27	0	0	1	1.05556	2.5	27	100	-	-	0	0	0	0	-	-	4	-	-	-
Trichlorobenzene[1,2,4-]	SW-846:8260B	ug/L	27	0	0	1	1.05556	2.5	27	100	-	-	0	0	0	0	-	-	4	-	-	-
Trichloroethane[1,1,1-]	SW-846:8260B	ug/L	28	15	54	41.4	142.093	376	13	46	-	-	0	13	15	54	60	NMGSU	5	3	3	03-B-10, 03-B-13, 03-B-9
Trichloroethane[1,1,2-]	SW-846:8260B	ug/L	28	0	0	1	1.05357	2.5	28	100	-	-	0	0	0	0	5	MCL	5	-	-	-
Trichloroethene	SW-846:8260B	ug/L	28	14	50	0.784	1.86179	5.23	14	50	-	-	0	1	1	4	5	MCL	5	1	1	03-B-10
Trichlorofluoromethane	SW-846:8260B	ug/L	26	0	0	1	1.05769	2.5	26	100	-	-	0	0	0	0	5	MCL	5	-	-	-
Trichloropropane[1,2,3-]	SW-846:8260B	ug/L	28	0	0	1	1.05357	2.5	28	100	-	-	28	0	0	0	0.09469241	Reg6	5	-	-	-
Trimethylbenzene[1,2,4-]	SW-846:8260B	ug/L	28	0	0	1	1.05357	2.5	28	100	-	-	0	0	0	0	12.42906	Reg6	5	-	-	-
Trimethylbenzene[1,3,5-]	SW-846:8260B	ug/L	28	0	0	1	1.05357	2.5	28	100	-	-	0	0	0	0	12.32618	Reg6	5	-	-	-
Vinyl acetate	SW-846:8260B	ug/L	25	0	0	5	5.3	12.5	25	100	-	-	0	0	0	0	412.4294	Reg6	4	-	-	-
Vinyl Chloride	SW-846:8260B	ug/L	28	0	0	1	1.05357	2.5	28	100	-	-	1	0	0	0	1	NMGSU	5	-	-	-
Xylene (Total)	SW-846:8260B	ug/L	1	0	0	3	3	3	1	100	-	-	0	0	0	0	10000	MCL	1	-	-	-
Xylene[1,2-]	SW-846:8260B	ug/L	28	0	0	1	1.05357	2.5	28	100	-	-	0	0	0	0	1431.373	Reg6	5	-	-	-
Xylene[1,3-]+Xylene[1,4-]	SW-846:8260B	ug/L	28	1	4	0.289	0.289	0.289	27	96	-	-	0	0	0	0	-	-	5	-	-	-
Pajarito, VOA, UF, Regional																						
Acetone	EPA:624	ug/L	5	0	0	5	5	5	5	100	-	-	0	0	0	0	5475	Reg6	1	-	-	-
Acetone	SW-846:8260B	ug/L	122	23	19	1.29	314.867	6420	99	81	-	-	0	1	1	1	5475	Reg6	7	1	1	R-23
Acetonitrile	SW-846:8260B	ug/L	67	1	1	9.06	9.06	9.06	66	99	-	-	0	0	0	0	124.1	Reg6	7	-	-	-
Acrolein	EPA:624	ug/L	5	0	0	5	5	5	5	100	-	-	5	0	0	0	0.04161916	Reg6	1	-	-	-
Acrolein	SW-846:8260B	ug/L	86	0	0	5	5	5	86	100	-	-	86	0	0	0	0.04161916	Reg6	7	-	-	-
Acrylonitrile	EPA:624	ug/L	5	0	0	5	5	5	5	100	-	-	5	0	0	0	1.237239	Reg6	1	-	-	-
Acrylonitrile	SW-846:8260B	ug/L	90	0	0	5	5	5	90	100	-	-	90	0	0	0	1.237239	Reg6	7	-	-	-
Benzene	EPA:624	ug/L	5	0	0	1	1	1	5	100	-	-	0	0	0	0	5	MCL	1	-	-	-
Benzene	SW-846:8260B	ug/L	125	1	1	0.4	0.4	0.4	124	99	-	-	0	0	0	0	5	MCL	7	-	-	-
Bromobenzene	EPA:624	ug/L	5	0	0	1	1	1	5	100	-	-	0	0	0	0	23.25201	Reg6	1	-	-	-
Bromobenzene	SW-846:8260B	ug/L	126	0	0	1	1	1	126	100	-	-	0	0	0	0	23.25201	Reg6	7	-	-	-
Bromochloromethane	EPA:624	ug/L	5	0	0	1	1	1	5	100	-	-	0	0	0	0	-	-	1	-	-	-
Bromochloromethane	SW-846:8260B	ug/L	131	0	0	1	1	1	131	100	-	-	0	0	0	0	-	-	7	-	-	-
Bromodichloromethane	EPA:624	ug/L	5	0	0	1	1	1	5	100	-	-	0	0	0	0	10.69108	Reg6	1	-	-	-
Bromodichloromethane	SW-846:8260B	ug/L	131	0	0	1	1	1	131	100	-	-	0	0	0	0	10.69108	Reg6	7	-	-	-
Bromoform	EPA:624	ug/L	5	0	0	1	1	1	5	100	-	-	0	0	0	0	85.10321	Reg6	1	-	-	-
Bromoform	SW-846:8260B	ug/L	131	1	1	1.7	1.7	1.7	130	99	-	-	0	0	0	0	85.10321	Reg6	7	-	-	-
Bromomethane	EPA:624	ug/L	5	0	0	1	1	1	5	100	-	-	0	0	0	0	8.661017	Reg6	1	-	-	-
Bromomethane	SW-846:8260B	ug/L	131	0	0	1	1	1	131	100	-	-	0	0	0	0	8.661017	Reg6	7	-	-	-
Butanol[1-]	SW-846:8260B	ug/L	12	0	0	50	50	50	12	100	-	-	0	0	0	0	3650	Reg6	5	-	-	-
Butanone[2-]	EPA:624	ug/L	5	0	0	5	5	5	5	100	-	-	0	0	0	0	7064.516	Reg6	1	-	-	-
Butanone[2-]	SW-846:8260B	ug/L	131	0	0	5	5	5	131	100	-	-	0	0	0	0	7064.516	Reg6	7	-	-	-
Butylbenzene[n-]	EPA:624	ug/L	5	0	0	1	1	1	5	100	-	-	0	0	0	0	60.83333	Reg6	1	-	-	-
Butylbenzene[n-]	SW-846:8260B	ug/L	131	0	0	1	1	1	131	100	-	-	0	0	0	0	60.83333	Reg6	7	-	-	-
Butylbenzene[sec-]	EPA:624	ug/L	5	0	0	1	1	1	5	100	-	-	0	0	0	0	60.83333	Reg6	1	-	-	-
Butylbenzene[sec-]	SW-846:8260B	ug/L	131	0	0	1	1	1	131	100	-	-	0	0	0	0	60.83333	Reg6	7	-	-	-
Butylbenzene[tert-]	EPA:624	ug/L	5	0	0	1	1	1	5	100	-	-	0	0	0	0	60.83333	Reg6	1	-	-	-
Butylbenzene[tert-]	SW-846:8260B	ug/L	131	0	0	1	1	1	131	100	-	-	0	0	0	0	60.83333	Reg6	7	-	-	-
Carbon Disulfide	EPA:624	ug/L	5	0	0	5	5	5	5	100	-	-	0	0	0	0	1042.857	Reg6	1	-	-	-

Analyte	Method	Units	No. of Analyses	No. of Detects	D Rate %	Min	Mean	Max	No. of Non-detects	ND Rate %	BV	D> BV	ND> Std	D> Std	D> Std/2	D>Std/2 Rate %	Level	Std Type	Locations with Data (number)	D>Std (number of locations)	D>Std/2 (number of locations)	D>Std Stations
Carbon Disulfide	SW-846:8260B	ug/L	123	0	0	*5*	*5*	*5*	123	100	-	-	0	0	0	0	1042.857	Reg6	7	-	-	-
Carbon Tetrachloride	EPA:624	ug/L	5	0	0	*1*	*1*	*1*	5	100	-	-	0	0	0	0	5	MCL	1	-	-	-
Carbon Tetrachloride	SW-846:8260B	ug/L	131	0	0	*1*	*1*	*1*	131	100	-	-	0	0	0	0	5	MCL	7	-	-	-
Chloro-1,3-butadiene[2-]	SW-846:8260B	ug/L	73	0	0	*1*	*1*	*1*	73	100	-	-	0	0	0	0	14.31373	Reg6	7	-	-	-
Chloro-1-propene[3-]	SW-846:8260B	ug/L	73	0	0	*5*	*5*	*5*	73	100	-	-	0	0	0	0	1825	Reg6	7	-	-	-
Chlorobenzene	EPA:624	ug/L	5	0	0	*1*	*1*	*1*	5	100	-	-	0	0	0	0	100	MCL	1	-	-	-
Chlorobenzene	SW-846:8260B	ug/L	131	0	0	*1*	*1*	*1*	131	100	-	-	0	0	0	0	100	MCL	7	-	-	-
Chlorodibromomethane	EPA:624	ug/L	5	0	0	*1*	*1*	*1*	5	100	-	-	0	0	0	0	7.891034	Reg6	1	-	-	-
Chlorodibromomethane	SW-846:8260B	ug/L	131	0	0	*1*	*1*	*1*	131	100	-	-	0	0	0	0	7.891034	Reg6	7	-	-	-
Chloroethane	EPA:624	ug/L	5	0	0	*1*	*1*	*1*	5	100	-	-	0	0	0	0	228.5679	Reg6	1	-	-	-
Chloroethane	SW-846:8260B	ug/L	131	0	0	*1*	*1*	*1*	131	100	-	-	0	0	0	0	228.5679	Reg6	7	-	-	-
Chloroethyl vinyl ether[2-]	EPA:624	ug/L	3	0	0	*5*	*5*	*5*	3	100	-	-	0	0	0	0	-	-	2	-	-	-
Chloroethyl vinyl ether[2-]	SW-846:8260B	ug/L	11	0	0	*5*	*5*	*5*	11	100	-	-	0	0	0	0	-	-	6	-	-	-
Chloroform	EPA:624	ug/L	5	0	0	*1*	*1*	*1*	5	100	-	-	0	0	0	0	60	MCL	1	-	-	-
Chloroform	SW-846:8260B	ug/L	131	0	0	*1*	*1*	*1*	131	100	-	-	0	0	0	0	60	MCL	7	-	-	-
Chloromethane	EPA:624	ug/L	5	0	0	*1*	*1*	*1*	5	100	-	-	0	0	0	0	21.34503	Reg6	1	-	-	-
Chloromethane	SW-846:8260B	ug/L	127	0	0	*1*	*1*	*1*	127	100	-	-	0	0	0	0	21.34503	Reg6	7	-	-	-
Chlorotoluene[2-]	EPA:624	ug/L	5	0	0	*1*	*1*	*1*	5	100	-	-	0	0	0	0	121.6667	Reg6	1	-	-	-
Chlorotoluene[2-]	SW-846:8260B	ug/L	121	0	0	*1*	*1*	*1*	121	100	-	-	0	0	0	0	121.6667	Reg6	7	-	-	-
Chlorotoluene[4-]	EPA:624	ug/L	5	0	0	*1*	*1*	*1*	5	100	-	-	0	0	0	0	-	-	1	-	-	-
Chlorotoluene[4-]	SW-846:8260B	ug/L	131	0	0	*1*	*1*	*1*	131	100	-	-	0	0	0	0	-	-	7	-	-	-
Dibromo-3-Chloropropane[1,2-]	EPA:624	ug/L	5	0	0	*1*	*1*	*1*	5	100	-	-	5	0	0	0	0.2	MCL	1	-	-	-
Dibromo-3-Chloropropane[1,2-]	SW-846:8260B	ug/L	131	0	0	*1*	*1*	*1*	131	100	-	-	131	0	0	0	0.2	MCL	7	-	-	-
Dibromoethane[1,2-]	EPA:624	ug/L	5	0	0	*1*	*1*	*1*	5	100	-	-	5	0	0	0	0.05	MCL	1	-	-	-
Dibromoethane[1,2-]	SW-846:8260B	ug/L	131	0	0	*1*	*1*	*1*	131	100	-	-	131	0	0	0	0.05	MCL	7	-	-	-
Dibromomethane	EPA:624	ug/L	5	0	0	*1*	*1*	*1*	5	100	-	-	0	0	0	0	60.83333	Reg6	1	-	-	-
Dibromomethane	SW-846:8260B	ug/L	131	0	0	*1*	*1*	*1*	131	100	-	-	0	0	0	0	60.83333	Reg6	7	-	-	-
Dichlorobenzene[1,2-]	EPA:624	ug/L	5	0	0	*1*	*1*	*1*	5	100	-	-	0	0	0	0	-	-	1	-	-	-
Dichlorobenzene[1,2-]	SW-846:8260B	ug/L	126	0	0	*1*	*1*	*1*	126	100	-	-	0	0	0	0	-	-	7	-	-	-
Dichlorobenzene[1,3-]	EPA:624	ug/L	5	0	0	*1*	*1*	*1*	5	100	-	-	0	0	0	0	-	-	1	-	-	-
Dichlorobenzene[1,3-]	SW-846:8260B	ug/L	126	0	0	*1*	*1*	*1*	126	100	-	-	0	0	0	0	-	-	7	-	-	-
Dichlorobenzene[1,4-]	EPA:624	ug/L	5	0	0	*1*	*1*	*1*	5	100	-	-	0	0	0	0	-	-	1	-	-	-
Dichlorobenzene[1,4-]	SW-846:8260B	ug/L	126	3	2	0.16	0.2	0.23	123	98	-	-	0	0	0	0	-	-	7	-	-	-
Dichlorodifluoromethane	EPA:624	ug/L	5	0	0	*1*	*1*	*1*	5	100	-	-	0	0	0	0	394.5946	Reg6	1	-	-	-
Dichlorodifluoromethane	SW-846:8260B	ug/L	130	0	0	*1*	*1*	*1*	130	100	-	-	0	0	0	0	394.5946	Reg6	7	-	-	-
Dichloroethane[1,1-]	EPA:624	ug/L	5	0	0	*1*	*1*	*1*	5	100	-	-	0	0	0	0	25	NMGSU	1	-	-	-
Dichloroethane[1,1-]	SW-846:8260B	ug/L	131	0	0	*1*	*1*	*1*	131	100	-	-	0	0	0	0	25	NMGSU	7	-	-	-
Dichloroethane[1,2-]	EPA:624	ug/L	5	0	0	*1*	*1*	*1*	5	100	-	-	0	0	0	0	5	MCL	1	-	-	-
Dichloroethane[1,2-]	SW-846:8260B	ug/L	131	0	0	*1*	*1*	*1*	131	100	-	-	0	0	0	0	5	MCL	7	-	-	-
Dichloroethene[1,1-]	EPA:624	ug/L	5	0	0	*1*	*1*	*1*	5	100	-	-	0	0	0	0	5	NMGSU	1	-	-	-
Dichloroethene[1,1-]	SW-846:8260B	ug/L	131	0	0	*1*	*1*	*1*	131	100	-	-	0	0	0	0	5	NMGSU	7	-	-	-
Dichloroethene[cis-1,2-]	SW-846:8260B	ug/L	114	0	0	*1*	*1*	*1*	114	100	-	-	0	0	0	0	70	MCL	7	-	-	-
Dichloroethene[trans-1,2-]	EPA:624	ug/L	5	0	0	*1*	*1*	*1*	5	100	-	-	0	0	0	0	100	MCL	1	-	-	-
Dichloroethene[trans-1,2-]	SW-846:8260B	ug/L	131	0	0	*1*	*1*	*1*	131	100	-	-	0	0	0	0	100	MCL	7	-	-	-
Dichloropropane[1,2-]	EPA:624	ug/L	5	0	0	*1*	*1*	*1*	5	100	-	-	0	0	0	0	5	MCL	1	-	-	-
Dichloropropane[1,2-]	SW-846:8260B	ug/L	131	0	0	*1*	*1*	*1*	131	100	-	-	0	0	0	0	5	MCL	7	-	-	-
Dichloropropane[1,3-]	EPA:624	ug/L	5	0	0	*1*	*1*	*1*	5	100	-	-	0	0	0	0	-	-	1	-	-	-
Dichloropropane[1,3-]	SW-846:8260B	ug/L	131	0	0	*1*	*1*	*1*	131	100	-	-	0	0	0	0	-	-	7	-	-	-
Dichloropropane[2,2-]	EPA:624	ug/L	5	0	0	*1*	*1*	*1*	5	100	-	-	0	0	0	0	-	-	1	-	-	-
Dichloropropane[2,2-]	SW-846:8260B	ug/L	131	0	0	*1*	*1*	*1*	131	100	-	-	0	0	0	0	-	-	7	-	-	-
Dichloropropene[1,1-]	EPA:624	ug/L	5	0	0	*1*	*1*	*1*	5	100	-	-	0	0	0	0	-	-	1	-	-	-
Dichloropropene[1,1-]	SW-846:8260B	ug/L	131	0	0	*1*	*1*	*1*	131	100	-	-	0	0	0	0	-	-	7	-	-	-
Dichloropropene[cis/trans-1,3-]	SW-846:8260B	ug/L	11	0	0	*1*	*1*	*1*	11	100	-	-	0	0	0	0	6.709735	Reg6	6	-	-	-
Dichloropropene[cis-1,3-]	EPA:624	ug/L	5	0	0	*1*	*1*	*1*	5	100	-	-	0	0	0	0	-	-	1	-	-	-
Dichloropropene[cis-1,3-]	SW-846:8260B	ug/L	131	0	0	*1*	*1*	*1*	131	100	-	-	0	0	0	0	-	-	7	-	-	-
Dichloropropene[trans-1,3-]	EPA:624	ug/L	5	0	0	*1*	*1*	*1*	5	100	-	-	0	0	0	0	-	-	1	-	-	-
Dichloropropene[trans-1,3-]	SW-846:8260B	ug/L	131	0	0	*1*	*1*	*1*	131	100	-	-	0	0	0	0	-	-	7	-	-	-
Diethyl Ether	SW-846:8260B	ug/L	19	1	5	0.386	0.386	0.386	18	95	-	-	0	0	0	0	-	-	6	-	-	-

Table B-4
Screening Table for Pajarito Canyon Watershed (including Twomile and Threemile Canyons)

Analyte	Method	Units	No. of Analyses	No. of Detects	D Rate %	Min	Mean	Max	No. of Non-detects	ND Rate %	BV	D> BV	ND> Std	D> Std	D> Std/2	D>Std/2 Rate %	Level	Std Type	Locations with Data (number)	D>Std (number of locations)	D>Std/2 (number of locations)	D>Std Stations
Dioxane[1,4-]	SW-846:8260B	ug/L	1	0	0	50	50	50	1	100	-	-	0	0	0	0	-	-	1	-	-	-
Ethyl Methacrylate	SW-846:8260B	ug/L	73	0	0	5	5	5	73	100	-	-	0	0	0	0	547.5	Reg6	7	-	-	-
Ethylbenzene	EPA:624	ug/L	5	0	0	1	1	1	5	100	-	-	0	0	0	0	700	MCL	1	-	-	-
Ethylbenzene	SW-846:8260B	ug/L	126	0	0	1	1	1	126	100	-	-	0	0	0	0	700	MCL	7	-	-	-
Hexachlorobutadiene	EPA:624	ug/L	5	0	0	1	1	1	5	100	-	-	0	0	0	0	-	-	1	-	-	-
Hexachlorobutadiene	SW-846:8260B	ug/L	85	0	0	1	1	1	85	100	-	-	0	0	0	0	-	-	7	-	-	-
Hexanone[2-]	EPA:624	ug/L	5	0	0	5	5	5	5	100	-	-	0	0	0	0	-	-	1	-	-	-
Hexanone[2-]	SW-846:8260B	ug/L	131	0	0	5	5	5	131	100	-	-	0	0	0	0	-	-	7	-	-	-
Iodomethane	EPA:624	ug/L	5	0	0	5	5	5	5	100	-	-	0	0	0	0	-	-	1	-	-	-
Iodomethane	SW-846:8260B	ug/L	131	0	0	5	5	5	131	100	-	-	0	0	0	0	-	-	7	-	-	-
Isobutyl alcohol	SW-846:8260B	ug/L	57	0	0	50	50	50	57	100	-	-	0	0	0	0	1825	Reg6	7	-	-	-
Isopropylbenzene	EPA:624	ug/L	5	1	20	0.61	0.61	0.61	4	80	-	-	0	0	0	0	658.1967	Reg6	1	-	-	-
Isopropylbenzene	SW-846:8260B	ug/L	131	6	5	0.16	0.62333	1	125	95	-	-	0	0	0	0	658.1967	Reg6	7	-	-	-
Isopropyltoluene[4-]	EPA:624	ug/L	5	0	0	1	1	1	5	100	-	-	0	0	0	0	-	-	1	-	-	-
Isopropyltoluene[4-]	SW-846:8260B	ug/L	131	0	0	1	1	1	131	100	-	-	0	0	0	0	-	-	7	-	-	-
Methacrylonitrile	SW-846:8260B	ug/L	73	0	0	5	5	5	73	100	-	-	73	0	0	0	1.042857	Reg6	7	-	-	-
Methyl Methacrylate	SW-846:8260B	ug/L	73	0	0	5	5	5	73	100	-	-	0	0	0	0	1419.444	Reg6	7	-	-	-
Methyl tert-Butyl Ether	SW-846:8260B	ug/L	19	0	0	1	1	1	19	100	-	-	0	0	0	0	370.8305	Reg6	6	-	-	-
Methyl-2-pentanone[4-]	EPA:624	ug/L	5	0	0	5	5	5	5	100	-	-	0	0	0	0	1990.909	Reg6	1	-	-	-
Methyl-2-pentanone[4-]	SW-846:8260B	ug/L	131	1	1	1.4	1.4	1.4	130	99	-	-	0	0	0	0	1990.909	Reg6	7	-	-	-
Methylene Chloride	EPA:624	ug/L	5	0	0	5	5	5	5	100	-	-	0	0	0	0	5	MCL	1	-	-	-
Methylene Chloride	SW-846:8260B	ug/L	130	2	2	2.2	2.29	2.38	128	98	-	-	1	0	0	0	5	MCL	7	-	-	-
Naphthalene	EPA:624	ug/L	5	0	0	0.36	0.872	1	5	100	-	-	0	0	0	0	-	-	1	-	-	-
Naphthalene	SW-846:8260B	ug/L	90	3	3	0.33	0.53533	0.656	87	97	-	-	0	0	0	0	-	-	7	-	-	-
Propionitrile	SW-846:8260B	ug/L	73	0	0	5	5	5	73	100	-	-	0	0	0	0	-	-	7	-	-	-
Propylbenzene[1-]	EPA:624	ug/L	5	0	0	1	1	1	5	100	-	-	0	0	0	0	60.83333	Reg6	1	-	-	-
Propylbenzene[1-]	SW-846:8260B	ug/L	126	0	0	1	1	1	126	100	-	-	0	0	0	0	60.83333	Reg6	7	-	-	-
Styrene	EPA:624	ug/L	5	0	0	1	1	1	5	100	-	-	0	0	0	0	100	MCL	1	-	-	-
Styrene	SW-846:8260B	ug/L	126	0	0	1	1	1	126	100	-	-	0	0	0	0	100	MCL	7	-	-	-
Tetrachloroethane[1,1,1,2-]	EPA:624	ug/L	5	0	0	1	1	1	5	100	-	-	0	0	0	0	25.49549	Reg6	1	-	-	-
Tetrachloroethane[1,1,1,2-]	SW-846:8260B	ug/L	131	0	0	1	1	1	131	100	-	-	0	0	0	0	25.49549	Reg6	7	-	-	-
Tetrachloroethane[1,1,2,2-]	EPA:624	ug/L	5	0	0	1	1	1	5	100	-	-	0	0	0	0	10	NMGSU	1	-	-	-
Tetrachloroethane[1,1,2,2-]	SW-846:8260B	ug/L	131	0	0	1	1	1	131	100	-	-	0	0	0	0	10	NMGSU	7	-	-	-
Tetrachloroethene	EPA:624	ug/L	5	0	0	1	1	1	5	100	-	-	0	0	0	0	5	MCL	1	-	-	-
Tetrachloroethene	SW-846:8260B	ug/L	126	1	1	0.29	0.29	0.29	125	99	-	-	0	0	0	0	5	MCL	7	-	-	-
Toluene	EPA:624	ug/L	5	1	20	0.58	0.58	0.58	4	80	-	-	0	0	0	0	750	NMGSU	1	-	-	-
Toluene	SW-846:8260B	ug/L	131	6	5	0.34	0.83333	2.46	125	95	-	-	0	0	0	0	750	NMGSU	7	-	-	-
Trichloro-1,2,2-trifluoroethane[1,1,2-]	EPA:624	ug/L	5	0	0	5	5	5	5	100	-	-	0	0	0	0	59179.86	Reg6	1	-	-	-
Trichloro-1,2,2-trifluoroethane[1,1,2-]	SW-846:8260B	ug/L	131	0	0	5	5	5	131	100	-	-	0	0	0	0	59179.86	Reg6	7	-	-	-
Trichlorobenzene[1,2,3-]	SW-846:8260B	ug/L	73	1	1	0.592	0.592	0.592	72	99	-	-	0	0	0	0	-	-	7	-	-	-
Trichlorobenzene[1,2,4-]	SW-846:8260B	ug/L	73	0	0	1	1	1	73	100	-	-	0	0	0	0	-	-	7	-	-	-
Trichloroethane[1,1,1-]	EPA:624	ug/L	5	0	0	1	1	1	5	100	-	-	0	0	0	0	60	NMGSU	1	-	-	-
Trichloroethane[1,1,1-]	SW-846:8260B	ug/L	129	0	0	1	1	1	129	100	-	-	0	0	0	0	60	NMGSU	7	-	-	-
Trichloroethane[1,1,2-]	EPA:624	ug/L	5	0	0	1	1	1	5	100	-	-	0	0	0	0	5	MCL	1	-	-	-
Trichloroethane[1,1,2-]	SW-846:8260B	ug/L	131	0	0	1	1	1	131	100	-	-	0	0	0	0	5	MCL	7	-	-	-
Trichloroethene	EPA:624	ug/L	5	0	0	1	1	1	5	100	-	-	0	0	0	0	5	MCL	1	-	-	-
Trichloroethene	SW-846:8260B	ug/L	131	0	0	1	1	1	131	100	-	-	0	0	0	0	5	MCL	7	-	-	-
Trichlorofluoromethane	EPA:624	ug/L	5	0	0	1	1	1	5	100	-	-	0	0	0	0	5	MCL	1	-	-	-
Trichlorofluoromethane	SW-846:8260B	ug/L	131	0	0	1	1	1	131	100	-	-	0	0	0	0	5	MCL	7	-	-	-
Trichloropropane[1,2,3-]	EPA:624	ug/L	5	0	0	1	1	1	5	100	-	-	5	0	0	0	0.09469241	Reg6	1	-	-	-
Trichloropropane[1,2,3-]	SW-846:8260B	ug/L	131	0	0	1	1	1	131	100	-	-	131	0	0	0	0.09469241	Reg6	7	-	-	-
Trimethylbenzene[1,2,4-]	EPA:624	ug/L	5	0	0	1	1	1	5	100	-	-	0	0	0	0	12.42906	Reg6	1	-	-	-
Trimethylbenzene[1,2,4-]	SW-846:8260B	ug/L	131	2	2	0.25	0.345	0.44	129	98	-	-	0	0	0	0	12.42906	Reg6	7	-	-	-
Trimethylbenzene[1,3,5-]	EPA:624	ug/L	5	0	0	1	1	1	5	100	-	-	0	0	0	0	12.32618	Reg6	1	-	-	-
Trimethylbenzene[1,3,5-]	SW-846:8260B	ug/L	131	0	0	1	1	1	131	100	-	-	0	0	0	0	12.32618	Reg6	7	-	-	-
Vinyl acetate	SW-846:8260B	ug/L	73	0	0	5	5	5	73	100	-	-	0	0	0	0	412.4294	Reg6	7	-	-	-
Vinyl Chloride	EPA:624	ug/L	5	0	0	1	1	1	5	100	-	-	0	0	0	0	1	NMGSU	1	-	-	-
Vinyl Chloride	SW-846:8260B	ug/L	131	0	0	1	1	1	131	100	-	-	0	0	0	0	1	NMGSU	7	-	-	-

Table B-4
Screening Table for Pajarito Canyon Watershed (including Twomile and Threemile Canyons)

Analyte	Method	Units	No. of Analyses	No. of Detects	D Rate %	Min	Mean	Max	No. of Non-detects	ND Rate %	BV	D> BV	ND> Std	D> Std	D> Std/2	D>Std/2 Rate %	Level	Std Type	Locations with Data (number)	D>Std (number of locations)	D>Std/2 (number of locations)	D>Std Stations
Xylene (Total)	EPA:624	ug/L	5	0	0	*1*	*1*	*1*	5	100	-	-	0	0	0	0	10000	MCL	1	-	-	-
Xylene (Total)	SW-846:8260B	ug/L	49	0	0	*1*	*1.36735*	*3*	49	100	-	-	0	0	0	0	10000	MCL	6	-	-	-
Xylene[1,2-]	EPA:624	ug/L	5	0	0	*1*	*1*	*1*	5	100	-	-	0	0	0	0	1431.373	Reg6	1	-	-	-
Xylene[1,2-]	SW-846:8260B	ug/L	93	0	0	*1*	*1*	*1*	93	100	-	-	0	0	0	0	1431.373	Reg6	7	-	-	-
Xylene[1,3-]+Xylene[1,4-]	EPA:624	ug/L	5	0	0	*2*	*2*	*2*	5	100	-	-	0	0	0	0	-	-	1	-	-	-
Xylene[1,3-]+Xylene[1,4-]	SW-846:8260B	ug/L	93	3	3	0.259	0.32933	0.449	90	97	-	-	0	0	0	0	-	-	7	-	-	-
Pajarito, RAD, F, Ephemeral																						
Americium-241	HASL-300:AM-241	pCi/L	12	0	0	*-0.024*	*0.00076*	*0.0218*	12	100	-	-	0	0	0	0	20	NMRPS	3	-	-	-
Cesium-137	EPA:901.1	pCi/L	12	0	0	*-1.11*	*0.41966*	*2.01*	12	100	-	-	0	0	0	0	40	BCG	3	-	-	-
Cobalt-60	EPA:901.1	pCi/L	12	0	0	*-2.31*	*-0.0142*	*1.72*	12	100	-	-	0	0	0	0	3000	NMRPS	3	-	-	-
Gross alpha	EPA:900	pCi/L	12	1	8	1.81	1.81	1.81	11	92	-	-	0	0	0	0	-	-	3	-	-	-
Gross beta	EPA:900	pCi/L	12	11	92	2.17	4.51091	6.93	1	8	-	-	0	0	0	0	-	-	3	-	-	-
Gross gamma	EPA:901.1	pCi/L	12	0	0	*45.6*	*74.4083*	*88.6*	12	100	-	-	0	0	0	0	-	-	3	-	-	-
Neptunium-237	EPA:901.1	pCi/L	12	0	0	*-19.8*	*-3.0875*	*17.3*	12	100	-	-	0	0	0	0	20	NMRPS	3	-	-	-
Plutonium-238	HASL-300:ISOPU	pCi/L	12	0	0	*-0.0148*	*-0.0008*	*0.013*	12	100	-	-	0	0	0	0	20	NMRPS	3	-	-	-
Plutonium-239/240	HASL-300:ISOPU	pCi/L	12	0	0	*-0.0049*	*0.00148*	*0.0228*	12	100	-	-	0	0	0	0	20	NMRPS	3	-	-	-
Potassium-40	EPA:901.1	pCi/L	9	1	11	49.1	49.1	49.1	8	89	-	-	0	0	0	0	4000	NMRPS	3	-	-	-
Sodium-22	EPA:901.1	pCi/L	12	0	0	*-1.23*	*-0.0377*	*1.12*	12	100	-	-	0	0	0	0	6000	NMRPS	3	-	-	-
Strontium-90	EPA:905.0	pCi/L	12	0	0	*-0.168*	*0.03144*	*0.283*	12	100	-	-	0	0	0	0	300	BCG	3	-	-	-
Uranium-234	HASL-300:ISOU	pCi/L	12	2	17	0.0383	0.09215	0.146	10	83	-	-	0	0	0	0	200	BCG	3	-	-	-
Uranium-235/Uranium-236	HASL-300:ISOU	pCi/L	12	0	0	*-0.0024*	*0.00935*	*0.0254*	12	100	-	-	0	0	0	0	-	-	3	-	-	-
Uranium-238	HASL-300:ISOU	pCi/L	12	1	8	0.126	0.126	0.126	11	92	-	-	0	0	0	0	200	BCG	3	-	-	-
Pajarito, RAD, UF, Ephemeral																						
Americium-241	Generic:Alpha-Spec	pCi/L	2	0	0	*-0.0052*	*-0.0038*	*-0.0024*	2	100	-	-	0	0	0	0	20	NMRPS	2	-	-	-
Americium-241	HASL-300:AM-241	pCi/L	15	0	0	*-0.0334*	*-0.0044*	*0.0109*	15	100	-	-	0	0	0	0	20	NMRPS	3	-	-	-
Cesium-137	EPA:901.1	pCi/L	15	0	0	*-0.677*	*0.16839*	*1.35*	15	100	-	-	0	0	0	0	40	BCG	3	-	-	-
Cobalt-60	EPA:901.1	pCi/L	17	0	0	*-1.64*	*0.18453*	*1.7*	17	100	-	-	0	0	0	0	3000	NMRPS	3	-	-	-
Gross alpha	EPA:900	pCi/L	17	5	29	2.06	3.182	4.7	12	71	-	-	0	0	0	0	-	-	3	-	-	-
Gross beta	EPA:900	pCi/L	17	16	94	1.98	4.80625	8.33	1	6	-	-	0	0	0	0	-	-	3	-	-	-
Gross gamma	EPA:901.1	pCi/L	15	0	0	*46.9*	*74.68*	*130*	15	100	-	-	0	0	0	0	-	-	3	-	-	-
Lead-210	Generic:Gas Flow Proportional Counting	pCi/L	2	0	0	*-1.07*	*-0.204*	*0.662*	2	100	-	-	0	0	0	0	-	-	2	-	-	-
Neptunium-237	EPA:901.1	pCi/L	17	0	0	*-10.6*	*1.68706*	*16.7*	17	100	-	-	0	0	0	0	20	NMRPS	3	-	-	-
Plutonium-238	Generic:Alpha-Spec	pCi/L	2	0	0	*-0.0139*	*-0.007*	*0*	2	100	-	-	0	0	0	0	20	NMRPS	2	-	-	-
Plutonium-238	HASL-300:ISOPU	pCi/L	15	1	7	0.199	0.199	0.199	14	93	-	-	0	0	0	0	20	NMRPS	3	-	-	-
Plutonium-239/240	Generic:Alpha-Spec	pCi/L	2	0	0	*-0.0103*	*-0.0065*	*-0.0028*	2	100	-	-	0	0	0	0	20	NMRPS	2	-	-	-
Plutonium-239/240	HASL-300:ISOPU	pCi/L	15	1	7	0.189	0.189	0.189	14	93	-	-	0	0	0	0	20	NMRPS	3	-	-	-
Polonium-210	Generic:Alpha-Spec	pCi/L	2	1	50	0.13	0.13	0.13	1	50	-	-	0	0	0	0	-	-	2	-	-	-
Potassium-40	EPA:901.1	pCi/L	14	0	0	*-26.1*	*8.04821*	*33.8*	14	100	-	-	0	0	0	0	4000	NMRPS	3	-	-	-
Radium-226	EPA:903.1	pCi/L	2	0	0	*-0.0716*	*0.1327*	*0.337*	2	100	-	-	0	0	0	0	60	NMRPS	2	-	-	-
Radium-228	EPA:904	pCi/L	2	2	100	2.38	2.605	2.83	0	0	-	-	0	0	0	0	60	NMRPS	2	-	-	-
Sodium-22	EPA:901.1	pCi/L	17	0	0	*-2.33*	*-0.4165*	*0.866*	17	100	-	-	0	0	0	0	6000	NMRPS	3	-	-	-
Strontium-90	EPA:905.0	pCi/L	15	2	13	0.375	0.406	0.437	13	87	-	-	0	0	0	0	300	BCG	3	-	-	-
Strontium-90	Generic:Gas Flow Proportional Counting	pCi/L	2	1	50	0.372	0.372	0.372	1	50	-	-	0	0	0	0	300	BCG	2	-	-	-
Thorium-228	Generic:Alpha-Spec	pCi/L	2	0	0	*0.0402*	*0.04715*	*0.0541*	2	100	-	-	0	0	0	0	-	-	2	-	-	-
Thorium-230	Generic:Alpha-Spec	pCi/L	2	0	0	*0.102*	*0.111*	*0.12*	2	100	-	-	0	0	0	0	-	-	2	-	-	-
Thorium-232	Generic:Alpha-Spec	pCi/L	2	1	50	0.0519	0.0519	0.0519	1	50	-	-	0	0	0	0	300	BCG	2	-	-	-
Tritium	EPA:906.0	pCi/L	5	3	60	186	217	257	2	40	-	-	0	0	0	0	1000000	NMRPS	2	-	-	-
Tritium	Generic:LLEE	pCi/L	13	13	100	48.5336	63.7372	84.6145	0	0	-	-	0	0	0	0	1000000	NMRPS	3	-	-	-
Uranium-234	Generic:Alpha-Spec	pCi/L	2	0	0	*0.0173*	*0.03005*	*0.0428*	2	100	-	-	0	0	0	0	200	BCG	2	-	-	-
Uranium-234	HASL-300:ISOU	pCi/L	15	9	60	0.0302	0.07778	0.16	6	40	-	-	0	0	0	0	200	BCG	3	-	-	-
Uranium-235/Uranium-236	Generic:Alpha-Spec	pCi/L	2	0	0	*0.00217*	*0.00447*	*0.00677*	2	100	-	-	0	0	0	0	-	-	2	-	-	-
Uranium-235/Uranium-236	HASL-300:ISOU	pCi/L	15	0	0	*-0.0001*	*0.01285*	*0.0217*	15	100	-	-	0	0	0	0	-	-	3	-	-	-
Uranium-238	Generic:Alpha-Spec	pCi/L	2	0	0	*0.0293*	*0.0298*	*0.0303*	2	100	-	-	0	0	0	0	200	BCG	2	-	-	-
Uranium-238	HASL-300:ISOU	pCi/L	15	8	53	0.0377	0.08499	0.196	7	47	-	-	0	0	0	0	200	BCG	3	-	-	-
Pajarito, RAD, F, Perennial																						
Americium-241	HASL-300:AM-241	pCi/L	13	0	0	*-0.0261*	*-0.0032*	*0.0115*	13	100	-	-	0	0	0	0	20	NMRPS	2	-	-	-

Table B-4
Screening Table for Pajarito Canyon Watershed (including Twomile and Threemile Canyons)

Analyte	Method	Units	No. of Analyses	No. of Detects	D Rate %	Min	Mean	Max	No. of Non-detects	ND Rate %	BV	D> BV	ND> Std	D> Std	D> Std/2	D>Std/2 Rate %	Level	Std Type	Locations with Data (number)	D>Std (number of locations)	D>Std/2 (number of locations)	D>Std Stations
Cesium-137	EPA:901.1	pCi/L	13	0	0	*-1.28*	*0.1538*	*1.45*	13	100	-	-	0	0	0	0	40	BCG	2	-	-	-
Cobalt-60	EPA:901.1	pCi/L	13	0	0	*-1.47*	*0.49192*	*3.57*	13	100	-	-	0	0	0	0	3000	NMRPS	2	-	-	-
Gross alpha	EPA:900	pCi/L	13	0	0	*-0.132*	*0.36132*	*1.1*	13	100	-	-	0	0	0	0	-	-	2	-	-	-
Gross beta	EPA:900	pCi/L	13	8	62	2.64	3.7975	6.08	5	38	-	-	0	0	0	0	-	-	2	-	-	-
Gross gamma	EPA:901.1	pCi/L	13	0	0	*43.7*	*87.5077*	*199*	13	100	-	-	0	0	0	0	-	-	2	-	-	-
Neptunium-237	EPA:901.1	pCi/L	13	0	0	*-14.5*	*4.01169*	*16.3*	13	100	-	-	0	0	0	0	20	NMRPS	2	-	-	-
Plutonium-238	HASL-300:ISOPU	pCi/L	13	0	0	*-0.0103*	*-0.002*	*0.0181*	13	100	-	-	0	0	0	0	20	NMRPS	2	-	-	-
Plutonium-239/240	HASL-300:ISOPU	pCi/L	12	0	0	*-0.0239*	*-0.0046*	*0.00684*	12	100	-	-	0	0	0	0	20	NMRPS	2	-	-	-
Potassium-40	EPA:901.1	pCi/L	11	1	9	36.3	36.3	36.3	10	91	-	-	0	0	0	0	4000	NMRPS	2	-	-	-
Sodium-22	EPA:901.1	pCi/L	11	0	0	*-2.81*	*-0.431*	*1.97*	11	100	-	-	0	0	0	0	6000	NMRPS	2	-	-	-
Strontium-90	EPA:905.0	pCi/L	12	1	8	0.385	0.385	0.385	11	92	-	-	0	0	0	0	300	BCG	2	-	-	-
Uranium-234	HASL-300:ISOU	pCi/L	13	3	23	0.0823	0.3271	0.774	10	77	-	-	0	0	0	0	200	BCG	2	-	-	-
Uranium-235/Uranium-236	HASL-300:ISOU	pCi/L	13	0	0	*-0.0075*	*0.0313*	*0.319*	13	100	-	-	0	0	0	0	-	-	2	-	-	-
Uranium-238	HASL-300:ISOU	pCi/L	13	2	15	0.0465	0.05945	0.0724	11	85	-	-	0	0	0	0	200	BCG	2	-	-	-
Pajarito, RAD, UF, Perennial																						
Americium-241	HASL-300:AM-241	pCi/L	12	0	0	*-0.0119*	*0.00194*	*0.0181*	12	100	-	-	0	0	0	0	20	NMRPS	2	-	-	-
Cesium-137	EPA:901.1	pCi/L	13	0	0	*-1.82*	*0.38815*	*1.84*	13	100	-	-	0	0	0	0	40	BCG	2	-	-	-
Cobalt-60	EPA:901.1	pCi/L	13	0	0	*-1.64*	*-0.1965*	*1.65*	13	100	-	-	0	0	0	0	3000	NMRPS	2	-	-	-
Gross alpha	EPA:900	pCi/L	13	4	31	2.59	3.7875	5.21	9	69	-	-	0	0	0	0	-	-	2	-	-	-
Gross beta	EPA:900	pCi/L	13	10	77	2.83	4.724	9.77	3	23	-	-	0	0	0	0	-	-	2	-	-	-
Gross gamma	EPA:901.1	pCi/L	13	0	0	*46.7*	*72.1*	*98.3*	13	100	-	-	0	0	0	0	-	-	2	-	-	-
Neptunium-237	EPA:901.1	pCi/L	13	0	0	*-20*	*-1.6392*	*6.2*	13	100	-	-	0	0	0	0	20	NMRPS	2	-	-	-
Plutonium-238	HASL-300:ISOPU	pCi/L	13	0	0	*-0.0126*	*-0.0003*	*0.0118*	13	100	-	-	0	0	0	0	20	NMRPS	2	-	-	-
Plutonium-239/240	HASL-300:ISOPU	pCi/L	12	0	0	*-0.0157*	*-0.0012*	*0.0137*	12	100	-	-	0	0	0	0	20	NMRPS	2	-	-	-
Potassium-40	EPA:901.1	pCi/L	9	0	0	*-0.79*	*9.93333*	*23.7*	9	100	-	-	0	0	0	0	4000	NMRPS	2	-	-	-
Sodium-22	EPA:901.1	pCi/L	13	0	0	*-4.6*	*-0.1291*	*1.96*	13	100	-	-	0	0	0	0	6000	NMRPS	2	-	-	-
Strontium-90	EPA:905.0	pCi/L	13	0	0	*-0.335*	*-0.0417*	*0.223*	13	100	-	-	0	0	0	0	300	BCG	2	-	-	-
Tritium	Generic:LLEE	pCi/L	13	13	100	30.0142	47.502	75.6741	0	0	-	-	0	0	0	0	1000000	NMRPS	2	-	-	-
Uranium-234	HASL-300:ISOU	pCi/L	13	6	46	0.0458	0.09015	0.197	7	54	-	-	0	0	0	0	200	BCG	2	-	-	-
Uranium-235/Uranium-236	HASL-300:ISOU	pCi/L	13	0	0	*-0.0103*	*0.00663*	*0.0284*	13	100	-	-	0	0	0	0	-	-	2	-	-	-
Uranium-238	HASL-300:ISOU	pCi/L	13	6	46	0.0363	0.0807	0.184	7	54	-	-	0	0	0	0	200	BCG	2	-	-	-
Pajarito, RAD, F, Springs																						
Americium-241	Generic:Alpha-Spec	pCi/L	7	0	0	*0*	*0.00738*	*0.0205*	7	100	-	-	0	0	0	0	20	NMRPS	6	-	-	-
Americium-241	HASL-300:AM-241	pCi/L	55	0	0	*-0.0261*	*0.00172*	*0.0201*	55	100	-	-	0	0	0	0	20	NMRPS	10	-	-	-
Cesium-137	EPA:901.1	pCi/L	62	0	0	*-2.2*	*0.52955*	*5.33*	62	100	-	-	0	0	0	0	1000	NMRPS	10	-	-	-
Cobalt-60	EPA:901.1	pCi/L	61	0	0	*-2.98*	*0.21824*	*3.17*	61	100	-	-	0	0	0	0	3000	NMRPS	10	-	-	-
Gross alpha	EPA:900	pCi/L	62	10	16	0.986	3.0326	5.78	52	84	-	-	0	0	0	0	15	MCL	10	-	-	-
Gross beta	EPA:900	pCi/L	62	42	68	2	5.09881	28.9	20	32	-	-	0	0	1	2	50	SMCL	10	-	1	-
Gross gamma	EPA:901.1	pCi/L	62	0	0	*33.5*	*83.3532*	*150*	62	100	-	-	0	0	0	0	-	-	10	-	-	-
Neptunium-237	EPA:901.1	pCi/L	61	0	0	*-41.6*	*-2.7107*	*22.2*	61	100	-	-	1	0	0	0	20	NMRPS	10	-	-	-
Plutonium-238	Generic:Alpha-Spec	pCi/L	7	0	0	*-0.0135*	*-0.0011*	*0.00847*	7	100	-	-	0	0	0	0	20	NMRPS	6	-	-	-
Plutonium-238	HASL-300:ISOPU	pCi/L	55	0	0	*-0.018*	*-0.001*	*0.0155*	55	100	-	-	0	0	0	0	20	NMRPS	10	-	-	-
Plutonium-239/240	Generic:Alpha-Spec	pCi/L	7	0	0	*-0.0044*	*0.00406*	*0.0101*	7	100	-	-	0	0	0	0	20	NMRPS	6	-	-	-
Plutonium-239/240	HASL-300:ISOPU	pCi/L	54	1	2	0.855	0.855	0.855	53	98	-	-	0	0	0	0	20	NMRPS	10	-	-	-
Potassium-40	EPA:901.1	pCi/L	57	2	4	24.8	40.7	56.6	55	96	-	-	0	0	0	0	4000	NMRPS	10	-	-	-
Radium-226	EPA:903.1	pCi/L	7	4	57	0.681	1.09775	1.31	3	43	-	-	0	0	0	0	5	MCL	6	-	-	-
Sodium-22	EPA:901.1	pCi/L	62	0	0	*-1.63*	*0.24525*	*3.14*	62	100	-	-	0	0	0	0	6000	NMRPS	10	-	-	-
Strontium-90	EPA:905.0	pCi/L	55	0	0	*-0.356*	*-0.0183*	*0.254*	55	100	-	-	0	0	0	0	8	MCL	10	-	-	-
Strontium-90	Generic:Gas Flow Proportional Counting	pCi/L	7	0	0	*-0.0823*	*0.07086*	*0.252*	7	100	-	-	0	0	0	0	8	MCL	6	-	-	-
Uranium-234	Generic:Alpha-Spec	pCi/L	7	5	71	0.073	0.10604	0.19	2	29	-	-	0	0	0	0	300	NMRPS	6	-	-	-
Uranium-234	HASL-300:ISOU	pCi/L	55	21	38	0.0341	0.13927	0.48	34	62	-	-	0	0	0	0	300	NMRPS	10	-	-	-
Uranium-235/Uranium-236	Generic:Alpha-Spec	pCi/L	7	0	0	*0.005*	*0.01148*	*0.0183*	7	100	-	-	0	0	0	0	-	-	6	-	-	-
Uranium-235/Uranium-236	HASL-300:ISOU	pCi/L	55	1	2	0.0326	0.0326	0.0326	54	98	-	-	0	0	0	0	-	-	10	-	-	-
Uranium-238	Generic:Alpha-Spec	pCi/L	7	3	43	0.0847	0.11857	0.141	4	57	-	-	0	0	0	0	300	NMRPS	6	-	-	-
Uranium-238	HASL-300:ISOU	pCi/L	55	22	40	0.0426	0.10886	0.365	33	60	-	-	0	0	0	0	300	NMRPS	10	-	-	-
Pajarito, RAD, UF, Springs																						
Americium-241	HASL-300:AM-241	pCi/L	55	0	0	*-0.0206*	*0.00123*	*0.025*	55	100	-	-	0	0	0	0	20	NMRPS	10	-	-	-

Table B-4
Screening Table for Pajarito Canyon Watershed (including Twomile and Threemile Canyons)

Analyte	Method	Units	No. of Analyses	No. of Detects	D Rate %	Min	Mean	Max	No. of Non-detects	ND Rate %	BV	D> BV	ND> Std	D> Std	D> Std/2	D>Std/2 Rate %	Level	Std Type	Locations with Data (number)	D>Std (number of locations)	D>Std/2 (number of locations)	D>Std Stations
Cesium-137	EPA:901.1	pCi/L	53	0	0	*-2.24*	*0.15046*	*2.95*	53	100	-	-	0	0	0	0	1000	NMRPS	10	-	-	-
Cobalt-60	EPA:901.1	pCi/L	55	0	0	*-3.1*	*0.05102*	*3.23*	55	100	-	-	0	0	0	0	3000	NMRPS	10	-	-	-
Gross alpha	EPA:900	pCi/L	55	18	33	0.739	2.87122	5.86	37	67	-	-	0	0	0	0	15	MCL	10	-	-	-
Gross beta	EPA:900	pCi/L	55	45	82	1.92	5.62356	54.9	10	18	-	-	0	1	1	2	50	SMCL	10	1	1	Charlie's Spring
Gross gamma	EPA:901.1	pCi/L	55	0	0	*37.8*	*91.24*	*293*	55	100	-	-	0	0	0	0	-	-	10	-	-	-
Neptunium-237	EPA:901.1	pCi/L	55	0	0	*-21.2*	*0.35178*	*28*	55	100	-	-	2	0	0	0	20	NMRPS	10	-	-	-
Plutonium-238	HASL-300:ISOPU	pCi/L	55	0	0	*-0.0255*	*-0.0006*	*0.0222*	55	100	-	-	0	0	0	0	20	NMRPS	10	-	-	-
Plutonium-239/240	HASL-300:ISOPU	pCi/L	52	1	2	0.0225	0.0225	0.0225	51	98	-	-	0	0	0	0	20	NMRPS	10	-	-	-
Potassium-40	EPA:901.1	pCi/L	53	1	2	42.3	42.3	42.3	52	98	-	-	0	0	0	0	4000	NMRPS	10	-	-	-
Sodium-22	EPA:901.1	pCi/L	55	0	0	*-3.13*	*-0.1655*	*2.5*	55	100	-	-	0	0	0	0	6000	NMRPS	10	-	-	-
Strontium-90	EPA:905.0	pCi/L	55	1	2	0.607	0.607	0.607	54	98	-	-	0	0	0	0	8	MCL	10	-	-	-
Tritium	EPA:906.0	pCi/L	16	0	0	*-69.6*	*46.1813*	*145*	16	100	-	-	0	0	0	0	20000	MCL	8	-	-	-
Tritium	Generic:LLEE	pCi/L	43	43	100	2.20317	57.95	121.653	0	0	-	-	0	0	0	0	20000	MCL	9	-	-	-
Uranium-234	HASL-300:ISOU	pCi/L	55	37	67	0.0316	0.16007	0.575	18	33	-	-	0	0	0	0	300	NMRPS	10	-	-	-
Uranium-235/Uranium-236	HASL-300:ISOU	pCi/L	55	2	4	0.0407	0.058	0.0753	53	96	-	-	0	0	0	0	-	-	10	-	-	-
Uranium-238	HASL-300:ISOU	pCi/L	55	32	58	0.0354	0.16319	1.57	23	42	-	-	0	0	0	0	300	NMRPS	10	-	-	-
Pajarito, RAD, F, Alluvial																						
Americium-241	HASL-300:AM-241	pCi/L	30	1	3	0.0917	0.0917	0.0917	29	97	-	-	0	0	0	0	20	NMRPS	6	-	-	-
Cesium-137	EPA:901.1	pCi/L	31	1	3	9.39	9.39	9.39	30	97	-	-	0	0	0	0	1000	NMRPS	6	-	-	-
Cobalt-60	EPA:901.1	pCi/L	31	0	0	*-1.93*	*-0.0408*	*4.22*	31	100	-	-	0	0	0	0	3000	NMRPS	6	-	-	-
Gross alpha	EPA:900	pCi/L	31	4	13	1.02	2.435	5.23	27	87	-	-	0	0	0	0	15	MCL	6	-	-	-
Gross beta	EPA:900	pCi/L	31	28	90	2.88	5.20071	9.22	3	10	-	-	0	0	0	0	50	SMCL	6	-	-	-
Gross gamma	EPA:901.1	pCi/L	31	0	0	*44.5*	*80.2*	*138*	31	100	-	-	0	0	0	0	-	-	6	-	-	-
Neptunium-237	EPA:901.1	pCi/L	31	0	0	*-42.6*	*-4.3624*	*15.3*	31	100	-	-	0	0	0	0	20	NMRPS	6	-	-	-
Plutonium-238	HASL-300:ISOPU	pCi/L	31	0	0	*-0.019*	*-0.0033*	*0.013*	31	100	-	-	0	0	0	0	20	NMRPS	6	-	-	-
Plutonium-239/240	HASL-300:ISOPU	pCi/L	29	0	0	*-0.0197*	*-0.0006*	*0.0121*	29	100	-	-	0	0	0	0	20	NMRPS	6	-	-	-
Potassium-40	EPA:901.1	pCi/L	27	1	4	53.9	53.9	53.9	26	96	-	-	0	0	0	0	4000	NMRPS	6	-	-	-
Sodium-22	EPA:901.1	pCi/L	31	0	0	*-2.08*	*0.02762*	*2.02*	31	100	-	-	0	0	0	0	6000	NMRPS	6	-	-	-
Strontium-90	EPA:905.0	pCi/L	31	2	6	0.469	0.5945	0.72	29	94	-	-	0	0	0	0	8	MCL	6	-	-	-
Uranium-234	HASL-300:ISOU	pCi/L	31	12	39	0.0453	0.35263	1.15	19	61	-	-	0	0	0	0	300	NMRPS	6	-	-	-
Uranium-235/Uranium-236	HASL-300:ISOU	pCi/L	31	2	6	0.046	0.1005	0.155	29	94	-	-	0	0	0	0	-	-	6	-	-	-
Uranium-238	HASL-300:ISOU	pCi/L	31	10	32	0.0474	0.2967	1.23	21	68	-	-	0	0	0	0	300	NMRPS	6	-	-	-
Pajarito, RAD, UF, Alluvial																						
Americium-241	HASL-300:AM-241	pCi/L	32	0	0	*-0.031*	*-0.0018*	*0.0214*	32	100	-	-	0	0	0	0	20	NMRPS	6	-	-	-
Cesium-137	EPA:901.1	pCi/L	32	0	0	*-3.1*	*-0.0203*	*2.9*	32	100	-	-	0	0	0	0	1000	NMRPS	6	-	-	-
Cobalt-60	EPA:901.1	pCi/L	32	0	0	*-2.46*	*0.34153*	*3.87*	32	100	-	-	0	0	0	0	3000	NMRPS	6	-	-	-
Gross alpha	EPA:900	pCi/L	32	10	31	0.711	1.9663	4.58	22	69	-	-	0	0	0	0	15	MCL	6	-	-	-
Gross beta	EPA:900	pCi/L	32	30	94	2.73	5.38433	9.26	2	6	-	-	0	0	0	0	50	SMCL	6	-	-	-
Gross gamma	EPA:901.1	pCi/L	32	0	0	*46*	*81.3563*	*119*	32	100	-	-	0	0	0	0	-	-	6	-	-	-
Neptunium-237	EPA:901.1	pCi/L	31	0	0	*-25.6*	*-1.7442*	*20.9*	31	100	-	-	1	0	0	0	20	NMRPS	6	-	-	-
Plutonium-238	HASL-300:ISOPU	pCi/L	32	0	0	*-0.0113*	*-0.0006*	*0.0133*	32	100	-	-	0	0	0	0	20	NMRPS	6	-	-	-
Plutonium-239/240	HASL-300:ISOPU	pCi/L	32	0	0	*-0.0284*	*-0.0027*	*0.0115*	32	100	-	-	0	0	0	0	20	NMRPS	6	-	-	-
Potassium-40	EPA:901.1	pCi/L	29	0	0	*-19.7*	*10.6609*	*42.9*	29	100	-	-	0	0	0	0	4000	NMRPS	6	-	-	-
Sodium-22	EPA:901.1	pCi/L	32	0	0	*-1.46*	*0.29053*	*2.39*	32	100	-	-	0	0	0	0	6000	NMRPS	6	-	-	-
Strontium-90	EPA:905.0	pCi/L	32	2	6	0.491	0.568	0.645	30	94	-	-	0	0	0	0	8	MCL	6	-	-	-
Tritium	EPA:906.0	pCi/L	2	0	0	*40.7*	*119.85*	*199*	2	100	-	-	0	0	0	0	20000	MCL	2	-	-	-
Tritium	Generic:LLEE	pCi/L	28	28	100	62.2635	77.7587	93.8742	0	0	-	-	0	0	0	0	20000	MCL	6	-	-	-
Uranium-234	HASL-300:ISOU	pCi/L	32	14	44	0.0641	0.41895	1.86	18	56	-	-	0	0	0	0	300	NMRPS	6	-	-	-
Uranium-235/Uranium-236	HASL-300:ISOU	pCi/L	32	1	3	0.0756	0.0756	0.0756	31	97	-	-	0	0	0	0	-	-	6	-	-	-
Uranium-238	HASL-300:ISOU	pCi/L	32	12	38	0.0529	0.34828	1.66	20	63	-	-	0	0	0	0	300	NMRPS	6	-	-	-
Pajarito, RAD, F, Intermediate																						
Americium-241	HASL-300:AM-241	pCi/L	26	1	4	0.0554	0.0554	0.0554	25	96	-	-	0	0	0	0	20	NMRPS	5	-	-	-
Cesium-137	EPA:901.1	pCi/L	26	1	4	3.11	3.11	3.11	25	96	-	-	0	0	0	0	1000	NMRPS	5	-	-	-
Cobalt-60	EPA:901.1	pCi/L	23	0	0	*-3.22*	*0.30522*	*2.64*	23	100	-	-	0	0	0	0	3000	NMRPS	5	-	-	-
Gross alpha	EPA:900	pCi/L	26	4	15	2.3	4.3275	6.79	22	85	-	-	0	0	0	0	15	MCL	5	-	-	-
Gross beta	EPA:900	pCi/L	26	17	65	3.27	6.58471	11.6	9	35	-	-	0	0	0	0	50	SMCL	5	-	-	-
Gross gamma	EPA:901.1	pCi/L	26	0	0	*56.1*	*200.312*	*3020*	26	100	-	-	0	0	0	0	-	-	5	-	-	-
Iodine-129	HASL-300:I-129	pCi/L	3	0	0	*-0.0691*	*0.14663*	*0.389*	3	100	-	-	0	0	0	0	-	-	1	-	-	-

Table B-4
Screening Table for Pajarito Canyon Watershed (including Twomile and Threemile Canyons)

Analyte	Method	Units	No. of Analyses	No. of Detects	D Rate %	Min	Mean	Max	No. of Non-detects	ND Rate %	BV	D> BV	ND> Std	D> Std	D> Std/2	D>Std/2 Rate %	Level	Std Type	Locations with Data (number)	D>Std (number of locations)	D>Std/2 (number of locations)	D>Std Stations
Neptunium-237	EPA:901.1	pCi/L	25	0	0	-16.6	-0.5308	26.8	25	100	-	-	2	0	0	0	20	NMRPS	5	-	-	-
Plutonium-238	HASL-300:ISOPU	pCi/L	26	0	0	-0.0088	0.00183	0.0143	26	100	-	-	0	0	0	0	20	NMRPS	5	-	-	-
Plutonium-239/240	HASL-300:ISOPU	pCi/L	24	0	0	-0.0485	0.00106	0.0362	24	100	-	-	0	0	0	0	20	NMRPS	5	-	-	-
Potassium-40	EPA:901.1	pCi/L	25	0	0	-35.9	7.0124	53.4	25	100	-	-	0	0	0	0	4000	NMRPS	5	-	-	-
Sodium-22	EPA:901.1	pCi/L	26	0	0	-3.28	0.15096	3.37	26	100	-	-	0	0	0	0	6000	NMRPS	5	-	-	-
Strontium-90	EPA:905.0	pCi/L	26	4	15	0.551	0.76575	1.22	22	85	-	-	0	0	0	0	8	MCL	5	-	-	-
Technetium-99	HASL-300:TC99	pCi/L	3	0	0	0.323	0.89633	1.83	3	100	-	-	0	0	0	0	4000	DCG	1	-	-	-
Uranium-234	HASL-300:ISOU	pCi/L	26	25	96	0.0618	0.40823	1.09	1	4	-	-	0	0	0	0	300	NMRPS	5	-	-	-
Uranium-235/Uranium-236	HASL-300:ISOU	pCi/L	26	5	19	0.039	0.05664	0.092	21	81	-	-	0	0	0	0	-	-	5	-	-	-
Uranium-238	HASL-300:ISOU	pCi/L	26	25	96	0.0406	0.25886	0.632	1	4	-	-	0	0	0	0	300	NMRPS	5	-	-	-
Pajarito, RAD, UF, Intermediate																						
Americium-241	Generic:Alpha-Spec	pCi/L	1	0	0	0.00567	0.00567	0.00567	1	100	-	-	0	0	0	0	20	NMRPS	1	-	-	-
Americium-241	HASL-300:AM-241	pCi/L	27	1	4	0.0458	0.0458	0.0458	26	96	-	-	0	0	0	0	20	NMRPS	5	-	-	-
Cesium-137	EPA:901.1	pCi/L	26	0	0	-2.03	0.52114	3.61	26	100	-	-	0	0	0	0	1000	NMRPS	5	-	-	-
Cobalt-60	EPA:901.1	pCi/L	29	0	0	-2.51	0.55525	2.53	29	100	-	-	0	0	0	0	3000	NMRPS	5	-	-	-
Gross alpha	EPA:900	pCi/L	29	15	52	2.06	5.88667	17	14	48	-	-	0	1	3	10	15	MCL	5	1	2	R-23i
Gross beta	EPA:900	pCi/L	29	17	59	2.74	9.89706	24.8	12	41	-	-	0	0	0	0	50	SMCL	5	-	-	-
Gross gamma	EPA:901.1	pCi/L	29	0	0	52.6	315.183	6640	29	100	-	-	0	0	0	0	-	-	5	-	-	-
Iodine-129	HASL-300:I-129	pCi/L	3	0	0	0.013	0.02273	0.0418	3	100	-	-	0	0	0	0	-	-	1	-	-	-
Neptunium-237	EPA:901.1	pCi/L	28	0	0	-16.2	-1.4032	15.6	28	100	-	-	0	0	0	0	20	NMRPS	5	-	-	-
Plutonium-238	Generic:Alpha-Spec	pCi/L	1	0	0	0	0	0	1	100	-	-	0	0	0	0	20	NMRPS	1	-	-	-
Plutonium-238	HASL-300:ISOPU	pCi/L	27	1	4	0.0396	0.0396	0.0396	26	96	-	-	0	0	0	0	20	NMRPS	5	-	-	-
Plutonium-239/240	Generic:Alpha-Spec	pCi/L	1	0	0	0.00361	0.00361	0.00361	1	100	-	-	0	0	0	0	20	NMRPS	1	-	-	-
Plutonium-239/240	HASL-300:ISOPU	pCi/L	27	1	4	0.0253	0.0253	0.0253	26	96	-	-	0	0	0	0	20	NMRPS	5	-	-	-
Potassium-40	EPA:901.1	pCi/L	24	1	4	73.6	73.6	73.6	23	96	-	-	0	0	0	0	4000	NMRPS	5	-	-	-
Radium-226	EPA:903.1	pCi/L	1	0	0	0.0884	0.0884	0.0884	1	100	-	-	0	0	0	0	5	MCL	1	-	-	-
Sodium-22	EPA:901.1	pCi/L	29	0	0	-3.25	-0.154	2.43	29	100	-	-	0	0	0	0	6000	NMRPS	5	-	-	-
Strontium-90	EPA:905.0	pCi/L	28	4	14	0.354	0.8515	1.44	24	86	-	-	0	0	0	0	8	MCL	5	-	-	-
Strontium-90	Generic:Gas Flow Proportional Counting	pCi/L	1	0	0	0.0877	0.0877	0.0877	1	100	-	-	0	0	0	0	8	MCL	1	-	-	-
Technetium-99	HASL-300:TC99	pCi/L	3	0	0	1.09	1.32	1.52	3	100	-	-	0	0	0	0	4000	DCG	1	-	-	-
Thorium-228	Generic:Alpha-Spec	pCi/L	1	0	0	-0.0012	-0.0012	-0.0012	1	100	-	-	0	0	0	0	-	-	1	-	-	-
Thorium-230	Generic:Alpha-Spec	pCi/L	1	0	0	0.0568	0.0568	0.0568	1	100	-	-	0	0	0	0	-	-	1	-	-	-
Thorium-232	Generic:Alpha-Spec	pCi/L	1	0	0	0.00574	0.00574	0.00574	1	100	-	-	0	0	0	0	-	-	1	-	-	-
Tritium	EPA:906.0	pCi/L	27	15	56	166	412.6	645	12	44	-	-	0	0	0	0	20000	MCL	5	-	-	-
Tritium	Generic:LLEE	pCi/L	19	13	68	0.25544	26.0033	34.8037	6	32	-	-	0	0	0	0	20000	MCL	2	-	-	-
Uranium-234	Generic:Alpha-Spec	pCi/L	1	1	100	0.228	0.228	0.228	0	0	-	-	0	0	0	0	300	NMRPS	1	-	-	-
Uranium-234	HASL-300:ISOU	pCi/L	28	28	100	0.103	0.49982	1.79	0	0	-	-	0	0	0	0	300	NMRPS	5	-	-	-
Uranium-235/Uranium-236	Generic:Alpha-Spec	pCi/L	1	0	0	0.0214	0.0214	0.0214	1	100	-	-	0	0	0	0	-	-	1	-	-	-
Uranium-235/Uranium-236	HASL-300:ISOU	pCi/L	28	5	18	0.0361	0.05714	0.0837	23	82	-	-	0	0	0	0	-	-	5	-	-	-
Uranium-238	Generic:Alpha-Spec	pCi/L	1	1	100	0.105	0.105	0.105	0	0	-	-	0	0	0	0	300	NMRPS	1	-	-	-
Uranium-238	HASL-300:ISOU	pCi/L	28	28	100	0.088	0.34521	1.78	0	0	-	-	0	0	0	0	300	NMRPS	5	-	-	-
Pajarito, RAD, F, Regional																						
Americium-241	HASL-300:AM-241	pCi/L	70	1	1	1.31	1.31	1.31	69	99	0.032	1	0	0	0	0	20	NMRPS	7	-	-	-
Cesium-137	EPA:901.1	pCi/L	70	0	0	-2.44	0.49366	3.04	70	100	4.45	-	0	0	0	0	1000	NMRPS	7	-	-	-
Cobalt-60	EPA:901.1	pCi/L	69	0	0	-2.2	0.19422	2.35	69	100	-	-	0	0	0	0	3000	NMRPS	7	-	-	-
Gross alpha	EPA:900	pCi/L	70	10	14	0.847	2.5108	5.37	60	86	2.54	2	0	0	0	0	15	MCL	7	-	-	-
Gross beta	EPA:900	pCi/L	70	36	51	1.67	6.74389	71	34	49	14.1	2	0	1	1	1	50	SMCL	7	1	1	R-22
Gross gamma	EPA:901.1	pCi/L	69	0	0	37.4	105.928	1920	69	100	123	-	0	0	0	0	-	-	7	-	-	-
Iodine-129	HASL-300:I-129	pCi/L	2	0	0	-0.104	0.17	0.444	2	100	-	-	0	0	0	0	-	-	1	-	-	-
Neptunium-237	EPA:901.1	pCi/L	70	0	0	-30.6	-1.637	26	70	100	-	-	2	0	0	0	20	NMRPS	7	-	-	-
Plutonium-238	HASL-300:ISOPU	pCi/L	70	0	0	-0.0395	-0.0029	0.0171	70	100	0.025	-	0	0	0	0	20	NMRPS	7	-	-	-
Plutonium-239/240	HASL-300:ISOPU	pCi/L	69	1	1	0.163	0.163	0.163	68	99	-	-	0	0	0	0	20	NMRPS	7	-	-	-
Potassium-40	EPA:901.1	pCi/L	63	0	0	-40.7	13.7057	60.3	63	100	-	-	0	0	0	0	4000	NMRPS	7	-	-	-
Sodium-22	EPA:901.1	pCi/L	69	0	0	-2.98	-0.1067	1.7	69	100	-	-	0	0	0	0	6000	NMRPS	7	-	-	-
Strontium-90	EPA:905.0	pCi/L	70	1	1	0.378	0.378	0.378	69	99	4.49	-	0	0	0	0	8	MCL	7	-	-	-
Technetium-99	HASL-300:TC99	pCi/L	2	0	0	-0.214	0.2475	0.709	2	100	-	-	0	0	0	0	4000	DCG	1	-	-	-
Uranium-234	HASL-300:ISOU	pCi/L	70	66	94	0.0607	0.44424	2.01	4	6	2.17	-	0	0	0	0	300	NMRPS	7	-	-	-

Table B-4
Screening Table for Pajarito Canyon Watershed (including Twomile and Threemile Canyons)

Analyte	Method	Units	No. of Analyses	No. of Detects	D Rate %	Min	Mean	Max	No. of Non-detects	ND Rate %	BV	D> BV	ND> Std	D> Std	D> Std/2	D>Std/2 Rate %	Level	Std Type	Locations with Data (number)	D>Std (number of locations)	D>Std/2 (number of locations)	D>Std Stations
Uranium-235/Uranium-236	HASL-300:ISOU	pCi/L	70	7	10	0.0336	0.08164	0.181	63	90	-	-	0	0	0	0	-	-	7	-	-	-
Uranium-238	HASL-300:ISOU	pCi/L	70	61	87	0.0637	0.24985	1.14	9	13	1.2	-	0	0	0	0	300	NMRPS	7	-	-	-
Pajarito, RAD, UF, Regional																						
Americium-241	Generic:Alpha-Spec	pCi/L	41	4	10	0.00648	0.01183	0.0228	37	90	-	-	0	0	0	0	20	NMRPS	5	-	-	-
Americium-241	HASL-300:AM-241	pCi/L	76	0	0	*-0.0521*	*-0.0003*	*0.035*	76	100	-	-	0	0	0	0	20	NMRPS	7	-	-	-
Cesium-137	EPA:901.1	pCi/L	120	0	0	*-2.4*	*0.24245*	*3.61*	120	100	-	-	0	0	0	0	1000	NMRPS	7	-	-	-
Cobalt-60	EPA:901.1	pCi/L	112	1	1	6.5	6.5	6.5	111	99	-	-	0	0	0	0	3000	NMRPS	7	-	-	-
Gross alpha	EPA:900	pCi/L	89	21	24	0.507	2.24429	4.99	68	76	-	-	0	0	0	0	15	MCL	7	-	-	-
Gross beta	EPA:900	pCi/L	89	44	49	1.65	4.59114	10.3	45	51	-	-	0	0	0	0	50	SMCL	7	-	-	-
Gross gamma	EPA:901.1	pCi/L	100	0	0	*33.6*	*100.493*	*879*	100	100	-	-	0	0	0	0	-	-	7	-	-	-
Iodine-129	EPA:902	pCi/L	6	0	0	*-0.0059*	*0.14069*	*0.38*	6	100	-	-	0	0	0	0	-	-	1	-	-	-
Iodine-129	HASL-300:I-129	pCi/L	28	0	0	*-0.289*	*0.26303*	*1.6*	28	100	-	-	0	0	0	0	-	-	5	-	-	-
Neptunium-237	EPA:901.1	pCi/L	88	0	0	*-19.6*	*0.97464*	*26.8*	88	100	-	-	3	0	0	0	20	NMRPS	7	-	-	-
Plutonium-238	Generic:Alpha-Spec	pCi/L	41	4	10	0.00072	0.0048	0.00916	37	90	-	-	0	0	0	0	20	NMRPS	5	-	-	-
Plutonium-238	HASL-300:ISOPU	pCi/L	82	1	1	0.04	0.04	0.04	81	99	-	-	0	0	0	0	20	NMRPS	7	-	-	-
Plutonium-239/240	Generic:Alpha-Spec	pCi/L	41	7	17	0.00369	0.02254	0.06	34	83	-	-	0	0	0	0	20	NMRPS	5	-	-	-
Plutonium-239/240	HASL-300:ISOPU	pCi/L	80	0	0	*-0.0282*	*-6E-05*	*0.0194*	80	100	-	-	0	0	0	0	20	NMRPS	7	-	-	-
Potassium-40	EPA:901.1	pCi/L	110	2	2	46	56.2	66.4	108	98	-	-	0	0	0	0	4000	NMRPS	7	-	-	-
Radium-226	EPA:903.1	pCi/L	17	9	53	0.355	0.58356	0.949	8	47	-	-	0	0	0	0	5	MCL	2	-	-	-
Sodium-22	EPA:901.1	pCi/L	121	0	0	*-3.49*	*-0.0376*	*2.58*	121	100	-	-	0	0	0	0	6000	NMRPS	7	-	-	-
Strontium-90	EPA:905.0	pCi/L	82	0	0	*-0.365*	*0.00537*	*0.397*	82	100	-	-	0	0	0	0	8	MCL	7	-	-	-
Strontium-90	Generic:Gas Flow Proportional Counting	pCi/L	43	3	7	0.229	1.53867	4.15	40	93	-	-	0	0	1	2	8	MCL	5	-	1	-
Technetium-99	Generic:Gas Flow Proportional Counting	pCi/L	3	0	0	*-2.1*	*-1.1507*	*0.478*	3	100	-	-	0	0	0	0	4000	DCG	2	-	-	-
Technetium-99	HASL-300:TC99	pCi/L	44	0	0	*-3.37*	*-0.3966*	*5.03*	44	100	-	-	0	0	0	0	4000	DCG	6	-	-	-
Thorium-228	Generic:Alpha-Spec	pCi/L	17	4	24	0.0492	0.16155	0.266	13	76	-	-	0	0	0	0	-	-	2	-	-	-
Thorium-230	Generic:Alpha-Spec	pCi/L	17	5	29	0.0368	0.14476	0.356	12	71	-	-	0	0	0	0	-	-	2	-	-	-
Thorium-232	Generic:Alpha-Spec	pCi/L	17	1	6	0.342	0.342	0.342	16	94	-	-	0	0	0	0	-	-	2	-	-	-
Tritium	EPA:906.0	pCi/L	29	1	3	523	523	523	28	97	11.43	1	0	0	0	0	20000	MCL	6	-	-	-
Tritium	Generic:LLEE	pCi/L	142	59	42	0	2.41856	13.1232	83	58	11.43	1	0	0	0	0	20000	MCL	7	-	-	-
Tritium	Generic:Low_Level_Tritium	pCi/L	6	3	50	2.33	199.997	582.4	3	50	11.43	1	0	0	0	0	20000	MCL	1	-	-	-
Uranium-234	Generic:Alpha-Spec	pCi/L	41	24	59	0.0737	0.45406	1.03	17	41	-	-	0	0	0	0	300	NMRPS	5	-	-	-
Uranium-234	HASL-300:ISOU	pCi/L	82	79	96	0.04	0.42441	2.1	3	4	-	-	0	0	0	0	300	NMRPS	7	-	-	-
Uranium-235/Uranium-236	Generic:Alpha-Spec	pCi/L	41	7	17	0.0318	0.05963	0.119	34	83	-	-	0	0	0	0	-	-	5	-	-	-
Uranium-235/Uranium-236	HASL-300:ISOU	pCi/L	88	11	13	0.0386	0.06483	0.118	77	88	-	-	0	0	0	0	-	-	7	-	-	-
Uranium-238	Generic:Alpha-Spec	pCi/L	41	24	59	0.0456	0.22513	0.547	17	41	-	-	0	0	0	0	300	NMRPS	5	-	-	-
Uranium-238	HASL-300:ISOU	pCi/L	82	74	90	0.0306	0.22816	1.31	8	10	-	-	0	0	0	0	300	NMRPS	7	-	-	-

Notes: See Table 1.7-1 for standard abbreviations and definitions.Values in italics represent statistics based on detection levels because analyte has not been detected at this location. A dash means none or no value.

Table B-5
Screening Table for Water Canyon Watershed (including Cañon de Valle, Potrillo Canyon, and Fence Canyon)

Analyte	Method	Units	No. of Analyses	No. of Detects	D Rate %	Min	Mean	Max	No. of Non-detects	ND Rate %	BV	D> BV	ND> Std	D> Std	D> Std/2	D>Std/2 Rate %	Level	Std Type	Locations with Data (number)	D>Std (number of locations)	D>Std/2 (number of locations)	D>Std Stations
Water, Geninorg, F, Perennial																						
Alkalinity-CO3	EPA:310.1	mg/L	14	0	0	0.725	0.8804	1.45	14	100	-	-	0	0	0	0	-	-	4	-	-	-
Alkalinity-CO3+HCO3	EPA:310.1	mg/L	14	14	100	41.8	54.85	68	0	0	-	-	0	0	0	0	-	-	4	-	-	-
Ammonia as Nitrogen	EPA:350.1	mg/L	11	6	55	0.038	0.081	0.177	5	45	-	-	0	0	0	0	-	-	4	-	-	-
Bromide	EPA:300.0	mg/L	14	0	0	0.041	0.0606	0.066	14	100	-	-	0	0	0	0	-	-	4	-	-	-
Calcium	EPA:200.7	mg/L	1	1	100	8.86	8.86	8.86	0	0	-	-	0	0	0	0	-	-	1	-	-	-
Calcium	SW-846:6010B	mg/L	14	14	100	9.86	13.219	20.5	0	0	-	-	0	0	0	0	-	-	4	-	-	-
Chloride	EPA:300.0	mg/L	14	14	100	3.85	9.4907	22.1	0	0	-	-	0	0	0	0	-	-	4	-	-	-
Cyanide (Total)	EPA:335.3	mg/L	5	0	0	0.0015	0.0025	0.0046	5	100	-	-	0	0	0	0	-	-	3	-	-	-
Fluoride	EPA:300.0	mg/L	14	11	79	0.136	0.175	0.226	3	21	-	-	0	0	0	0	-	-	4	-	-	-
Hardness	SM:A2340B	mg/L	15	15	100	34.9	49.513	75.3	0	0	-	-	0	0	0	0	-	-	4	-	-	-
Magnesium	EPA:200.7	mg/L	1	1	100	3.1	3.1	3.1	0	0	-	-	0	0	0	0	-	-	1	-	-	-
Magnesium	SW-846:6010B	mg/L	14	14	100	3.5	4.2636	5.83	0	0	-	-	0	0	0	0	-	-	4	-	-	-
Nitrate-Nitrite as Nitrogen	EPA:353.1	mg/L	5	4	80	0.0285	0.2023	0.605	1	20	-	-	0	0	0	0	-	-	3	-	-	-
Nitrate-Nitrite as Nitrogen	EPA:353.2	mg/L	9	4	44	0.035	0.0463	0.06	5	56	-	-	0	0	0	0	-	-	4	-	-	-
Perchlorate	EPA:314.0	ug/L	10	0	0	4	4	4	10	100	-	-	0	0	0	0	-	-	4	-	-	-
Perchlorate	SW846 6850 Modified	ug/L	5	5	100	0.131	0.2448	0.33	0	0	-	-	0	0	0	0	-	-	3	-	-	-
Perchlorate	SW-846:6850	ug/L	9	8	89	0.0716	0.243	0.332	1	11	-	-	0	0	0	0	-	-	4	-	-	-
pH	EPA:150.1	SU	14	14	100	6.58	7.1564	7.71	0	0	-	-	0	0	0	0	-	-	4	-	-	-
Potassium	EPA:200.7	mg/L	1	1	100	2.87	2.87	2.87	0	0	-	-	0	0	0	0	-	-	1	-	-	-
Potassium	SW-846:6010B	mg/L	14	14	100	2.48	3.3707	4.35	0	0	-	-	0	0	0	0	-	-	4	-	-	-
Silicon Dioxide	SW-846:6010B	mg/L	14	14	100	35.6	43.429	48	0	0	-	-	0	0	0	0	-	-	4	-	-	-
Sodium	EPA:200.7	mg/L	1	1	100	7.8	7.8	7.8	0	0	-	-	0	0	0	0	-	-	1	-	-	-
Sodium	SW-846:6010B	mg/L	14	14	100	7.27	11.364	17.5	0	0	-	-	0	0	0	0	-	-	4	-	-	-
Specific Conductance	EPA:120.1	uS/cm	14	14	100	129	169	248	0	0	-	-	0	0	0	0	-	-	4	-	-	-
Sulfate	EPA:300.0	mg/L	14	13	93	3.12	9.1662	28.9	1	7	-	-	0	0	0	0	-	-	4	-	-	-
Total Dissolved Solids	EPA:160.1	mg/L	14	14	100	31	134.21	172	0	0	-	-	0	0	0	0	-	-	4	-	-	-
Total Kjeldahl Nitrogen	EPA:351.2	mg/L	14	11	79	0.039	0.1171	0.26	3	21	-	-	0	0	0	0	-	-	4	-	-	-
Total Organic Carbon	EPA:415.1	mg/L	2	2	100	7.85	7.96	8.07	0	0	-	-	0	0	0	0	-	-	2	-	-	-
Total Phosphate as Phosphorus	EPA:365.4	mg/L	14	6	43	0.037	0.0893	0.155	8	57	-	-	0	0	0	0	-	-	4	-	-	-
Water, Geninorg, UF, Perennial																						
Alkalinity-CO3	EPA:310.1	mg/L	2	0	0	1.45	1.45	1.45	2	100	-	-	0	0	0	0	-	-	2	-	-	-
Alkalinity-CO3+HCO3	EPA:310.1	mg/L	2	2	100	34.8	46.95	59.1	0	0	-	-	0	0	0	0	-	-	2	-	-	-
Alkalinity-HCO3	EPA:310.1	mg/L	2	2	100	34.8	46.8	58.8	0	0	-	-	0	0	0	0	-	-	2	-	-	-
Calcium	EPA:200.7	mg/L	3	3	100	8.93	14.71	19.3	0	0	-	-	0	0	0	0	-	-	2	-	-	-
Calcium	SW-846:6010B	mg/L	14	14	100	9.98	13.306	20.8	0	0	-	-	0	0	0	0	-	-	4	-	-	-
Cyanide (Total)	EPA:335.3	mg/L	10	2	20	0.0026	0.0034	0.0041	8	80	-	-	0	0	0	0	-	-	3	-	-	-
Cyanide, Amenable to Chlorination	EPA:335.3	mg/L	1	0	0	0.0015	0.0015	0.0015	1	100	-	-	0	0	0	0	0.022	AqAcU	1	-	-	-
Hardness	SM:A2340B	mg/L	17	17	100	35	51.976	76.5	0	0	-	-	0	0	0	0	-	-	4	-	-	-
Magnesium	EPA:200.7	mg/L	3	3	100	3.08	4.6867	5.53	0	0	-	-	0	0	0	0	-	-	2	-	-	-
Magnesium	SW-846:6010B	mg/L	14	14	100	3.44	4.3343	5.95	0	0	-	-	0	0	0	0	-	-	4	-	-	-
Perchlorate	EPA:314.0	ug/L	2	0	0	4	4	4	2	100	-	-	0	0	0	0	-	-	2	-	-	-
Perchlorate	SW846 6850 Modified	ug/L	2	2	100	0.399	0.4585	0.518	0	0	-	-	0	0	0	0	-	-	2	-	-	-
Potassium	EPA:200.7	mg/L	3	3	100	2.81	3.3533	3.68	0	0	-	-	0	0	0	0	-	-	2	-	-	-
Potassium	SW-846:6010B	mg/L	14	14	100	2.57	3.4343	4.32	0	0	-	-	0	0	0	0	-	-	4	-	-	-
Silicon Dioxide	SW-846:6010B	mg/L	3	3	100	39	43.8	46.5	0	0	-	-	0	0	0	0	-	-	2	-	-	-
Sodium	EPA:200.7	mg/L	3	3	100	7.8	12.033	17.4	0	0	-	-	0	0	0	0	-	-	2	-	-	-
Sodium	SW-846:6010B	mg/L	14	14	100	7.46	11.446	17.2	0	0	-	-	0	0	0	0	-	-	4	-	-	-
Suspended Sediment Concentration	EPA:160.2	mg/L	17	8	47	2.5	2241.6	17900	9	53	-	-	0	0	0	0	-	-	4	-	-	-
Total Kjeldahl Nitrogen	EPA:351.2	mg/L	11	8	73	0.03	0.1039	0.181	3	27	-	-	0	0	0	0	-	-	4	-	-	-
Total Organic Carbon	SW-846:9060	mg/L	11	11	100	2.1	3.83	5.75	0	0	-	-	0	0	0	0	-	-	4	-	-	-
Water, Geninorg, F, Springs																						
Alkalinity-CO3	EPA:310.1	mg/L	19	0	0	0.725	0.725	0.725	19	100	-	-	0	0	0	0	-	-	8	-	-	-
Alkalinity-CO3+HCO3	EPA:310.1	mg/L	19	19	100	23.1	57.8	104	0	0	-	-	0	0	0	0	-	-	8	-	-	-
Ammonia as Nitrogen	EPA:350.1	mg/L	19	0	0	0.01	0.07	0.75	19	100	-	-	1	0	0	0	0.2085714	Reg6	8	-	-	-
Bromide	EPA:300.0	mg/L	19	3	16	0.087	0.138	0.234	16	84	-	-	0	0	0	0	-	-	8	-	-	-
Calcium	SW-846:6010B	mg/L	78	78	100	6.55	19.481	37.7	0	0	-	-	0	0	0	0	-	-	8	-	-	-

Table B-5
Screening Table for Water Canyon Watershed (including Cañon de Valle, Potrillo Canyon, and Fence Canyon)

Analyte	Method	Units	No. of Analyses	No. of Detects	D Rate %	Min	Mean	Max	No. of Non-detects	ND Rate %	BV	D> BV	ND> Std	D> Std	D> Std/2	D>Std/2 Rate %	Level	Std Type	Locations with Data (number)	D>Std (number of locations)	D>Std/2 (number of locations)	D>Std Stations
Chloride	EPA:300.0	mg/L	19	19	100	0.934	14.165	32.4	0	0	-	-	0	0	0	0	250	NMGSF	8	-	-	-
Cyanide (Total)	EPA:335.3	mg/L	4	0	0	*0.0015*	*0.0022*	*0.003*	4	100	-	-	0	0	0	0	0.2	NMGSF	3	-	-	-
Fluoride	EPA:300.0	mg/L	19	18	95	0.098	0.2589	0.581	1	5	-	-	0	0	0	0	1.6	NMGSF	8	-	-	-
Hardness	SM:A2340B	mg/L	38	38	100	24.4	62.679	104	0	0	-	-	0	0	0	0	-	-	8	-	-	-
Magnesium	SW-846:6010B	mg/L	78	78	100	1.96	5.3751	8.77	0	0	-	-	0	0	0	0	-	-	8	-	-	-
Nitrate-Nitrite as Nitrogen	EPA:353.1	mg/L	4	4	100	0.237	0.9103	2.15	0	0	-	-	0	0	0	0	10	NMGSF	3	-	-	-
Nitrate-Nitrite as Nitrogen	EPA:353.2	mg/L	15	10	67	0.024	1.1177	2.55	5	33	-	-	0	0	0	0	10	NMGSF	8	-	-	-
Perchlorate	EPA:314.0	ug/L	13	0	0	*4*	*4*	*4*	13	100	-	-	0	0	0	0	24.5	Reg6	8	-	-	-
Perchlorate	SW846 6850 Modified	ug/L	4	4	100	0.192	0.4515	0.547	0	0	-	-	0	0	0	0	24.5	Reg6	3	-	-	-
Perchlorate	SW-846:6850	ug/L	15	12	80	0.13	0.4468	0.623	3	20	-	-	0	0	0	0	24.5	Reg6	8	-	-	-
pH	EPA:150.1	SU	19	19	100	6.84	7.3221	7.87	0	0	-	-	0	0	0	0	-	-	8	-	-	-
Potassium	SW-846:6010B	mg/L	78	78	100	1.55	2.9763	3.96	0	0	-	-	0	0	0	0	-	-	8	-	-	-
Silicon Dioxide	SW-846:6010B	mg/L	30	26	87	31.1	42.858	56.7	4	13	-	-	0	0	0	0	-	-	8	-	-	-
Sodium	SW-846:6010B	mg/L	78	78	100	3.91	19.558	41	0	0	-	-	0	0	0	0	-	-	8	-	-	-
Specific Conductance	EPA:120.1	uS/cm	19	19	100	80.8	195.2	379	0	0	-	-	0	0	0	0	-	-	8	-	-	-
Sulfate	EPA:300.0	mg/L	19	19	100	2.01	9.1063	15.8	0	0	-	-	0	0	0	0	600	NMGSF	8	-	-	-
Total Dissolved Solids	EPA:160.1	mg/L	40	40	100	60	159.4	245	0	0	-	-	0	0	0	0	1000	NMGSF	8	-	-	-
Total Kjeldahl Nitrogen	EPA:351.2	mg/L	19	10	53	0.052	0.6193	2.39	9	47	-	-	0	0	0	0	-	-	8	-	-	-
Total Phosphate as Phosphorus	EPA:365.4	mg/L	18	4	22	0.033	0.1185	0.282	14	78	-	-	0	0	0	0	-	-	8	-	-	-
Water, Geninorg, UF, Springs																						
Alkalinity-CO3	EPA:310.1	mg/L	21	0	0	*0.725*	*1.1738*	*1.45*	21	100	-	-	0	0	0	0	-	-	6	-	-	-
Alkalinity-CO3+HCO3	EPA:310.1	mg/L	61	61	100	14.8	71.534	152	0	0	-	-	0	0	0	0	-	-	6	-	-	-
Alkalinity-HCO3	EPA:310.1	mg/L	2	2	100	42.7	43.6	44.5	0	0	-	-	0	0	0	0	-	-	1	-	-	-
Ammonia as Nitrogen	EPA:350.1	mg/L	16	0	0	*0.01*	*0.03*	*0.145*	16	100	-	-	0	0	0	0	0.2085714	Reg6	5	-	-	-
Bromide	EPA:300.0	mg/L	54	19	35	0.088	0.1865	0.359	35	65	-	-	0	0	0	0	-	-	5	-	-	-
Calcium	SW-846:6010B	mg/L	80	80	100	6.95	19.569	38.4	0	0	-	-	0	0	0	0	-	-	8	-	-	-
Chloride	EPA:300.0	mg/L	56	56	100	0.622	17.824	31.8	0	0	-	-	0	0	0	0	-	-	6	-	-	-
Cyanide (Total)	EPA:335.3	mg/L	36	9	25	0.002	0.0033	0.0047	27	75	-	-	0	0	0	0	0.2	MCL	8	-	-	-
Cyanide (Total)	SW-846:9012A	mg/L	18	3	17	0.0019	0.0032	0.0049	15	83	-	-	0	0	0	0	0.2	MCL	6	-	-	-
Fluoride	EPA:300.0	mg/L	56	53	95	0.064	0.2905	0.756	3	5	-	-	0	0	0	0	4	MCL	6	-	-	-
Hardness	EPA:200.7	mg/L	2	2	100	33	33.05	33.1	0	0	-	-	0	0	0	0	-	-	1	-	-	-
Hardness	SM:A2340B	mg/L	38	38	100	28	65.539	104	0	0	-	-	0	0	0	0	-	-	8	-	-	-
Magnesium	SW-846:6010B	mg/L	80	80	100	2.36	5.519	9.32	0	0	-	-	0	0	0	0	-	-	8	-	-	-
Nitrate-Nitrite as Nitrogen	EPA:353.1	mg/L	61	56	92	0.04	1.5296	5	5	8	-	-	0	0	1	2	10	MCL	6	-	1	-
Oxalate	EPA:300.0	mg/L	35	0	0	*1*	*1*	*1*	35	100	-	-	0	0	0	0	-	-	5	-	-	-
Perchlorate	EPA:314.0	ug/L	41	2	5	4	4	4	39	95	-	-	0	0	0	0	24.5	Reg6	6	-	-	-
Perchlorate	SW846 6850 Modified	ug/L	19	16	84	0.0527	0.5517	0.768	3	16	-	-	0	0	0	0	24.5	Reg6	5	-	-	-
Perchlorate	SW-846:8321A(M)	ug/L	18	18	100	0.404	0.641	0.796	0	0	-	-	0	0	0	0	24.5	Reg6	5	-	-	-
pH	EPA:150.1	SU	21	21	100	6.22	6.9071	7.44	0	0	-	-	0	0	0	0	-	-	6	-	-	-
Potassium	SW-846:6010B	mg/L	80	80	100	1.47	3.1423	6.67	0	0	-	-	0	0	0	0	-	-	8	-	-	-
Silicon Dioxide	SW-846:6010B	mg/L	19	16	84	39.9	52.094	89.8	3	16	-	-	0	0	0	0	-	-	5	-	-	-
Sodium	SW-846:6010B	mg/L	80	80	100	3.85	19.247	40.5	0	0	-	-	0	0	0	0	-	-	8	-	-	-
Specific Conductance	EPA:120.1	uS/cm	19	19	100	28.1	208.89	394	0	0	-	-	0	0	0	0	-	-	5	-	-	-
Specific Conductance	SW-846:9050A	uS/cm	2	2	100	80	82.8	85.6	0	0	-	-	0	0	0	0	-	-	1	-	-	-
Sulfate	EPA:300.0	mg/L	56	56	100	1.09	12.174	25.3	0	0	-	-	0	0	0	0	-	-	6	-	-	-
Suspended Sediment Concentration	EPA:160.2	mg/L	34	19	56	1.4	41.044	212	15	44	-	-	0	0	0	0	-	-	8	-	-	-
Total Kjeldahl Nitrogen	EPA:351.2	mg/L	36	20	56	0.06	0.5605	2.3	16	44	-	-	0	0	0	0	-	-	8	-	-	-
Total Organic Carbon	SW-846:9060	mg/L	19	19	100	1.02	5.0063	22.1	0	0	-	-	0	0	0	0	-	-	8	-	-	-
Total Phosphate as Phosphorus	EPA:365.4	mg/L	5	2	40	0.129	0.8195	1.51	3	60	-	-	0	0	0	0	-	-	4	-	-	-
Total Suspended Solids	EPA:160.2	mg/L	6	3	50	18.2	40.733	76.8	3	50	-	-	0	0	0	0	-	-	5	-	-	-
Water, Geninorg, F, Alluvial																						
Alkalinity-CO3	EPA:310.1	mg/L	22	1	5	0.795	0.795	0.795	21	95	-	-	0	0	0	0	-	-	10	-	-	-
Alkalinity-CO3+HCO3	EPA:310.1	mg/L	22	22	100	41.3	88.086	288	0	0	-	-	0	0	0	0	-	-	10	-	-	-
Alkalinity-HCO3	EPA:310.1	mg/L	1	1	100	47.8	47.8	47.8	0	0	-	-	0	0	0	0	-	-	1	-	-	-
Ammonia as Nitrogen	EPA:350.1	mg/L	20	2	10	0.03	0.079	0.128	18	90	-	-	0	0	1	5	0.2085714	Reg6	9	-	1	-
Bromide	EPA:300.0	mg/L	22	8	36	0.089	0.1326	0.233	14	64	-	-	0	0	0	0	-	-	10	-	-	-
Calcium	SW-846:6010B	mg/L	115	115	100	5.01	18.172	36.7	0	0	-	-	0	0	0	0	-	-	11	-	-	-

Table B-5
Screening Table for Water Canyon Watershed (including Cañon de Valle, Potrillo Canyon, and Fence Canyon)

Analyte	Method	Units	No. of Analyses	No. of Detects	D Rate %	Min	Mean	Max	No. of Non-detects	ND Rate %	BV	D> BV	ND> Std	D> Std	D> Std/2	D>Std/2 Rate %	Level	Std Type	Locations with Data (number)	D>Std (number of locations)	D>Std/2 (number of locations)	D>Std Stations
Chloride	EPA:300.0	mg/L	22	22	100	2.4	15.516	98.9	0	0	-	-	0	0	0	0	250	NMGSF	10	-	-	-
Cyanide (Total)	EPA:335.3	mg/L	5	0	0	*0.0015*	*0.0015*	*0.0015*	5	100	-	-	0	0	0	0	0.2	NMGSF	4	-	-	-
Cyanide (Total)	SW-846:9012A	mg/L	1	0	0	*0.0025*	*0.0025*	*0.0025*	1	100	-	-	0	0	0	0	0.2	NMGSF	1	-	-	-
Fluoride	EPA:300.0	mg/L	22	21	95	0.127	0.2382	0.492	1	5	-	-	0	0	0	0	1.6	NMGSF	10	-	-	-
Hardness	SM:A2340B	mg/L	46	46	100	34.8	70.807	126	0	0	-	-	0	0	0	0	-	-	10	-	-	-
Magnesium	SW-846:6010B	mg/L	115	115	100	1.45	5.0137	8.4	0	0	-	-	0	0	0	0	-	-	11	-	-	-
Nitrate-Nitrite as Nitrogen	EPA:353.1	mg/L	7	2	29	0.305	0.3285	0.352	5	71	-	-	0	0	0	0	10	NMGSF	6	-	-	-
Nitrate-Nitrite as Nitrogen	EPA:353.2	mg/L	14	7	50	0.01	0.103	0.244	7	50	-	-	0	0	0	0	10	NMGSF	9	-	-	-
Perchlorate	EPA:314.0	ug/L	14	0	0	*4*	*4*	*4*	14	100	-	-	0	0	0	0	24.5	Reg6	6	-	-	-
Perchlorate	SW846 6850 Modified	ug/L	7	3	43	0.265	0.3163	0.346	4	57	-	-	0	0	0	0	24.5	Reg6	6	-	-	-
Perchlorate	SW-846:6850	ug/L	13	6	46	0.0828	0.2391	0.387	7	54	-	-	0	0	0	0	24.5	Reg6	8	-	-	-
pH	EPA:150.1	SU	22	21	95	6.05	6.7605	7.92	1	5	-	-	0	0	0	0	-	-	10	-	-	-
Potassium	SW-846:6010B	mg/L	115	115	100	1.59	3.8646	10.2	0	0	-	-	0	0	0	0	-	-	11	-	-	-
Silicon Dioxide	SW-846:6010B	mg/L	36	33	92	27.9	40.845	56.2	3	8	-	-	0	0	0	0	-	-	10	-	-	-
Sodium	SW-846:6010B	mg/L	115	115	100	8.13	25.855	206	0	0	-	-	0	0	0	0	-	-	11	-	-	-
Specific Conductance	EPA:120.1	uS/cm	21	21	100	109	258.48	1210	0	0	-	-	0	0	0	0	-	-	10	-	-	-
Specific Conductance	SW-846:9050A	uS/cm	1	1	100	169	169	169	0	0	-	-	0	0	0	0	-	-	1	-	-	-
Sulfate	EPA:300.0	mg/L	22	22	100	1.37	12.063	111	0	0	-	-	0	0	0	0	600	NMGSF	10	-	-	-
Total Dissolved Solids	EPA:160.1	mg/L	45	45	100	128	200.02	708	0	0	-	-	0	0	3	7	1000	NMGSF	10	-	1	-
Total Kjeldahl Nitrogen	EPA:351.2	mg/L	21	18	86	0.046	0.3342	0.876	3	14	-	-	0	0	0	0	-	-	9	-	-	-
Total Organic Carbon	SW-846:9060	mg/L	1	1	100	2.46	2.46	2.46	0	0	-	-	0	0	0	0	-	-	1	-	-	-
Total Phosphate as Phosphorus	EPA:365.4	mg/L	18	8	44	0.043	0.2701	0.829	10	56	-	-	0	0	0	0	-	-	8	-	-	-
Water, Geninorg, UF, Alluvial																						
Alkalinity-CO3	EPA:310.1	mg/L	24	0	0	*0.725*	*1.1781*	*1.45*	24	100	-	-	0	0	0	0	-	-	7	-	-	-
Alkalinity-CO3+HCO3	EPA:310.1	mg/L	93	92	99	16.4	80.304	222	1	1	-	-	0	0	0	0	-	-	8	-	-	-
Ammonia as Nitrogen	EPA:350.1	mg/L	18	6	33	0.017	0.105	0.246	12	67	-	-	0	1	3	17	0.2085714	Reg6	7	1	2	MSC-16-06295
Bromide	EPA:300.0	mg/L	87	27	31	0.085	0.1513	0.539	60	69	-	-	0	0	0	0	-	-	8	-	-	-
Calcium	SW-846:6010B	mg/L	124	124	100	10.3	20.537	44.4	0	0	-	-	0	0	0	0	-	-	11	-	-	-
Chloride	EPA:300.0	mg/L	87	87	100	2.89	16.821	91.2	0	0	-	-	0	0	0	0	-	-	8	-	-	-
Cyanide (Total)	EPA:335.3	mg/L	43	11	26	0.0016	0.0046	0.0083	32	74	-	-	0	0	0	0	0.2	MCL	10	-	-	-
Cyanide (Total)	SW-846:9012A	mg/L	39	9	23	0.0018	0.003	0.0056	30	77	-	-	0	0	0	0	0.2	MCL	8	-	-	-
Fluoride	EPA:300.0	mg/L	87	84	97	0.079	0.2325	0.723	3	3	-	-	0	0	0	0	4	MCL	8	-	-	-
Hardness	SM:A2340B	mg/L	49	49	100	40.7	77.924	215	0	0	-	-	0	0	0	0	-	-	10	-	-	-
Magnesium	SW-846:6010B	mg/L	124	124	100	3.37	6.8877	25.3	0	0	-	-	0	0	0	0	-	-	11	-	-	-
Nitrate-Nitrite as Nitrogen	EPA:353.1	mg/L	90	62	69	0.01	0.8272	9.1	28	31	-	-	0	0	3	3	10	MCL	8	-	1	-
Oxalate	EPA:300.0	mg/L	63	0	0	*1*	*1*	*1*	63	100	-	-	0	0	0	0	-	-	8	-	-	-
Perchlorate	EPA:314.0	ug/L	46	0	0	*4*	*4*	*4*	46	100	-	-	0	0	0	0	24.5	Reg6	6	-	-	-
Perchlorate	SW846 6850 Modified	ug/L	22	11	50	0.0501	0.2495	0.886	11	50	-	-	0	0	0	0	24.5	Reg6	6	-	-	-
Perchlorate	SW-846:8321A(M)	ug/L	42	35	83	0.0517	0.3419	1.02	7	17	-	-	0	0	0	0	24.5	Reg6	8	-	-	-
pH	EPA:150.1	SU	24	24	100	5.49	6.465	7.08	0	0	-	-	0	0	0	0	-	-	7	-	-	-
Potassium	SW-846:6010B	mg/L	124	124	100	1.6	5.9344	30.8	0	0	-	-	0	0	0	0	-	-	11	-	-	-
Silicon Dioxide	SW-846:6010B	mg/L	25	22	88	34.3	60.723	203	3	12	-	-	0	0	0	0	-	-	7	-	-	-
Sodium	SW-846:6010B	mg/L	124	124	100	8.32	26.942	207	0	0	-	-	0	0	0	0	-	-	11	-	-	-
Specific Conductance	EPA:120.1	uS/cm	24	24	100	146	253.54	814	0	0	-	-	0	0	0	0	-	-	7	-	-	-
Sulfate	EPA:300.0	mg/L	87	87	100	2.57	15.483	80.3	0	0	-	-	0	0	0	0	-	-	8	-	-	-
Suspended Sediment Concentration	EPA:160.2	mg/L	21	15	71	1.5	37.115	279	6	29	-	-	0	0	0	0	-	-	9	-	-	-
Total Kjeldahl Nitrogen	EPA:351.2	mg/L	43	38	88	0.029	0.4772	2.36	5	12	-	-	0	0	0	0	-	-	10	-	-	-
Total Organic Carbon	SW-846:9060	mg/L	21	21	100	1.94	10.377	25	0	0	-	-	0	0	0	0	-	-	10	-	-	-
Total Phosphate as Phosphorus	EPA:365.4	mg/L	4	4	100	0.074	0.1045	0.121	0	0	-	-	0	0	0	0	-	-	3	-	-	-
Total Suspended Solids	EPA:160.2	mg/L	5	4	80	9.43	50.233	108	1	20	-	-	0	0	0	0	-	-	4	-	-	-
Water, Geninorg, F, Intermediate																						
Alkalinity-CO3	EPA:310.1	mg/L	20	0	0	*0.725*	*0.9425*	*1.45*	20	100	-	-	0	0	0	0	-	-	4	-	-	-
Alkalinity-CO3+HCO3	EPA:310.1	mg/L	29	29	100	43.2	57.076	86.4	0	0	-	-	0	0	0	0	-	-	4	-	-	-
Alkalinity-HCO3	EPA:310.1	mg/L	2	2	100	47.6	51.1	54.6	0	0	-	-	0	0	0	0	-	-	2	-	-	-
Ammonia	EPA:350.1	mg/L	3	0	0	*0.05*	*0.05*	*0.05*	3	100	-	-	0	0	0	0	-	-	1	-	-	-
Ammonia as Nitrogen	EPA:350.1	mg/L	20	2	10	0.035	0.093	0.151	18	90	-	-	0	0	1	5	0.2085714	Reg6	4	-	1	-
Bromide	EPA:300.0	mg/L	29	9	31	0.076	0.0959	0.117	20	69	-	-	0	0	0	0	-	-	4	-	-	-

Table B-5
Screening Table for Water Canyon Watershed (including Cañon de Valle, Potrillo Canyon, and Fence Canyon)

Analyte	Method	Units	No. of Analyses	No. of Detects	D Rate %	Min	Mean	Max	No. of Non-detects	ND Rate %	BV	D> BV	ND> Std	D> Std	D> Std/2	D>Std/2 Rate %	Level	Std Type	Locations with Data (number)	D>Std (number of locations)	D>Std/2 (number of locations)	D>Std Stations
Calcium	SW-846:6010B	mg/L	29	29	100	7.25	16.068	106	0	0	-	-	0	0	0	0	-	-	4	-	-	-
Chloride	EPA:300.0	mg/L	29	29	100	1.06	4.8855	13.5	0	0	-	-	0	0	0	0	250	NMGSF	4	-	-	-
Cyanide (Total)	EPA:335.3	mg/L	7	2	29	0.0073	0.0192	0.0311	5	71	-	-	0	0	0	0	0.2	NMGSF	3	-	-	-
Dissolved Organic Carbon	USGS-WRI-79-4	mg/L	6	6	100	0.33	1.1917	3.4	0	0	-	-	0	0	0	0	-	-	2	-	-	-
Fluoride	EPA:300.0	mg/L	29	23	79	0.074	0.1374	0.281	6	21	-	-	0	0	0	0	1.6	NMGSF	4	-	-	-
Hardness	SM:A2340B	mg/L	18	18	100	28.7	56.183	285	0	0	-	-	0	0	0	0	-	-	4	-	-	-
Humic Substances, Hydrophilic Acids	USGS-WRI-79-4	mg/L	3	3	100	0.2	0.5667	1.1	0	0	-	-	0	0	0	0	-	-	1	-	-	-
Humic Substances, Hydrophilic Bases	USGS-WRI-79-4	mg/L	3	3	100	0	0.0333	0.1	0	0	-	-	0	0	0	0	-	-	1	-	-	-
Humic Substances, Hydrophilic Neutrals	USGS-WRI-79-4	mg/L	3	3	100	0	0.1667	0.3	0	0	-	-	0	0	0	0	-	-	1	-	-	-
Humic Substances, Hydrophilic Total	USGS-WRI-79-4	mg/L	3	3	100	0.4	0.7667	1.5	0	0	-	-	0	0	0	0	-	-	1	-	-	-
Humic Substances, Hydrophobic Acids	USGS-WRI-79-4	mg/L	3	3	100	0.4	0.6667	1	0	0	-	-	0	0	0	0	-	-	1	-	-	-
Humic Substances, Hydrophobic Bases	USGS-WRI-79-4	mg/L	3	3	100	0	0	0	0	0	-	-	0	0	0	0	-	-	1	-	-	-
Humic Substances, Hydrophobic Neutrals	USGS-WRI-79-4	mg/L	3	3	100	0.4	0.6333	1	0	0	-	-	0	0	0	0	-	-	1	-	-	-
Humic Substances, Hydrophobic Total	USGS-WRI-79-4	mg/L	3	3	100	0.8	1.2667	2	0	0	-	-	0	0	0	0	-	-	1	-	-	-
Magnesium	SW-846:6010B	mg/L	29	29	100	1.5	3.8076	6.16	0	0	-	-	0	0	0	0	-	-	4	-	-	-
Nitrate-Nitrite as Nitrogen	EPA:353.1	mg/L	22	21	95	0.083	0.5522	1.04	1	5	-	-	0	0	0	0	10	NMGSF	4	-	-	-
Nitrate-Nitrite as Nitrogen	EPA:353.2	mg/L	7	7	100	0.39	0.6641	1.07	0	0	-	-	0	0	0	0	10	NMGSF	4	-	-	-
Oxalate	EPA:300.0	mg/L	1	0	0	*0.6*	*0.6*	*0.6*	1	100	-	-	0	0	0	0	-	-	1	-	-	-
Perchlorate	EPA:314.0	ug/L	15	0	0	*0.873*	*3.5202*	*4*	15	100	-	-	0	0	0	0	24.5	Reg6	4	-	-	-
Perchlorate	SW846 6850 Modified	ug/L	7	7	100	0.138	0.3559	0.577	0	0	-	-	0	0	0	0	24.5	Reg6	3	-	-	-
Perchlorate	SW-846:6850	ug/L	7	7	100	0.224	0.35	0.512	0	0	-	-	0	0	0	0	24.5	Reg6	4	-	-	-
pH	EPA:150.1	SU	18	18	100	6.33	7.2561	8.4	0	0	-	-	0	0	0	0	-	-	4	-	-	-
Potassium	SW-846:6010B	mg/L	29	29	100	0.354	1.6386	2.99	0	0	-	-	0	0	0	0	-	-	4	-	-	-
Silicon Dioxide	SW-846:6010B	mg/L	26	26	100	35.1	57.996	68.7	0	0	-	-	0	0	0	0	-	-	4	-	-	-
Sodium	SW-846:6010B	mg/L	29	29	100	8.33	15.243	108	0	0	-	-	0	0	0	0	-	-	4	-	-	-
Specific Conductance	EPA:120.1	uS/cm	18	18	100	98.4	167.67	580	0	0	-	-	0	0	0	0	-	-	4	-	-	-
Sulfate	EPA:300.0	mg/L	29	29	100	0.799	15.778	207	0	0	-	-	0	0	0	0	600	NMGSF	4	-	-	-
Total Dissolved Solids	EPA:160.1	mg/L	28	28	100	77	163.25	459	0	0	-	-	0	0	0	0	1000	NMGSF	4	-	-	-
Total Kjeldahl Nitrogen	EPA:351.2	mg/L	28	12	43	0.011	0.2574	0.616	16	57	-	-	0	0	0	0	-	-	4	-	-	-
Total Phosphate as Phosphorus	EPA:365.4	mg/L	29	14	48	0.036	1.8978	18.1	15	52	-	-	0	0	0	0	-	-	4	-	-	-
Water, Geninorg, UF, Intermediate																						
Alkalinity-CO3	EPA:310.1	mg/L	10	1	10	2.54	2.54	2.54	9	90	-	-	0	0	0	0	-	-	1	-	-	-
Alkalinity-CO3+HCO3	EPA:310.1	mg/L	10	10	100	46.2	89.17	194	0	0	-	-	0	0	0	0	-	-	1	-	-	-
Alkalinity-HCO3	EPA:310.1	mg/L	10	10	100	46.1	88.71	191	0	0	-	-	0	0	0	0	-	-	1	-	-	-
Ammonia as Nitrogen	EPA:350.1	mg/L	9	3	33	0.039	0.2163	0.56	6	67	-	-	0	1	1	11	0.2085714	Reg6	2	1	1	R-25
Calcium	SW-846:6010B	mg/L	39	39	100	7.06	17.322	104	0	0	-	-	0	0	0	0	-	-	4	-	-	-
Chloride	EPA:300.0	mg/L	10	10	100	5.06	11.579	16.6	0	0	-	-	0	0	0	0	-	-	1	-	-	-
Cyanide (Total)	EPA:335.3	mg/L	10	0	0	*0.0015*	*0.002*	*0.005*	10	100	-	-	0	0	0	0	0.2	MCL	4	-	-	-
Cyanide (Total)	SW-846:9012A	mg/L	16	1	6	0.0059	0.0059	0.0059	15	94	-	-	0	0	0	0	0.2	MCL	2	-	-	-
Fluoride	EPA:300.0	mg/L	10	6	60	0.085	0.1255	0.16	4	40	-	-	0	0	0	0	4	MCL	1	-	-	-
Hardness	EPA:200.7	mg/L	10	10	100	32.1	68.24	89.4	0	0	-	-	0	0	0	0	-	-	1	-	-	-
Hardness	SM:A2340B	mg/L	18	18	100	29.2	57.856	279	0	0	-	-	0	0	0	0	-	-	4	-	-	-
Magnesium	SW-846:6010B	mg/L	39	39	100	1.44	4.1236	6.11	0	0	-	-	0	0	0	0	-	-	4	-	-	-
Nitrate-Nitrite as Nitrogen	EPA:353.1	mg/L	13	10	77	0.251	0.8242	1.17	3	23	-	-	0	0	0	0	10	MCL	2	-	-	-
Perchlorate	EPA:314.0	ug/L	22	0	0	*1.45*	*3.5364*	*4*	22	100	-	-	0	0	0	0	24.5	Reg6	4	-	-	-
Perchlorate	SW846 6850 Modified	ug/L	14	14	100	0.21	0.3892	0.645	0	0	-	-	0	0	0	0	24.5	Reg6	4	-	-	-
pH	EPA:150.1	SU	10	10	100	6.58	7.051	7.71	0	0	-	-	0	0	0	0	-	-	1	-	-	-
Potassium	SW-846:6010B	mg/L	39	39	100	0.403	1.6717	3.27	0	0	-	-	0	0	0	0	-	-	4	-	-	-
Silicon Dioxide	SW-846:6010B	mg/L	21	21	100	38.4	53.429	68.9	0	0	-	-	0	0	0	0	-	-	4	-	-	-
Sodium	SW-846:6010B	mg/L	39	39	100	8.29	19.173	112	0	0	-	-	0	0	0	0	-	-	4	-	-	-
Specific Conductance	SW-846:9050A	uS/cm	10	10	100	166	236.8	438	0	0	-	-	0	0	0	0	-	-	1	-	-	-
Sulfate	EPA:300.0	mg/L	10	10	100	8.29	11.41	27.2	0	0	-	-	0	0	0	0	-	-	1	-	-	-
Suspended Sediment Concentration	EPA:160.2	mg/L	7	7	100	1.3	156.79	1040	0	0	-	-	0	0	0	0	-	-	1	-	-	-
Total Kjeldahl Nitrogen	EPA:351.2	mg/L	14	5	36	0.013	0.1872	0.656	9	64	-	-	0	0	0	0	-	-	4	-	-	-
Total Organic Carbon	SW-846:9060	mg/L	33	26	79	0.206	1.3263	5.07	7	21	-	-	0	0	0	0	-	-	4	-	-	-
Total Phosphate as Phosphorus	EPA:365.4	mg/L	13	6	46	0.057	4.8778	15.2	7	54	-	-	0	0	0	0	-	-	2	-	-	-
Total Suspended Solids	EPA:160.2	mg/L	6	6	100	2	5.5667	9.4	0	0	-	-	0	0	0	0	-	-	1	-	-	-

Table B-5
Screening Table for Water Canyon Watershed (including Cañon de Valle, Potrillo Canyon, and Fence Canyon)

Analyte	Method	Units	No. of Analyses	No. of Detects	D Rate %	Min	Mean	Max	No. of Non-detects	ND Rate %	BV	D> BV	ND> Std	D> Std	D> Std/2	D>Std/2 Rate %	Level	Std Type	Locations with Data (number)	D>Std (number of locations)	D>Std/2 (number of locations)	D>Std Stations
Water, Geninorg, F, Regional																						
Alkalinity-CO3	EPA:310.1	mg/L	65	10	15	0.769	2.0419	5.23	55	85	-	-	0	0	0	0	-	-	4	-	-	-
Alkalinity-CO3+HCO3	EPA:310.1	mg/L	127	127	100	17.6	65.317	135	0	0	156.6	-	0	0	0	0	-	-	4	-	-	-
Alkalinity-HCO3	EPA:310.1	mg/L	21	21	100	51.9	70.8	135	0	0	132.3	1	0	0	0	0	-	-	2	-	-	-
Ammonia	EPA:350.1	mg/L	44	26	59	0.04	0.2704	0.67	18	41	-	-	0	0	0	0	-	-	3	-	-	-
Ammonia as Nitrogen	EPA:350.1	mg/L	75	33	44	0.013	0.1632	0.634	42	56	0.25	1	1	7	18	24	0.2085714	Reg6	4	1	2	CdV-R-37-2
Bromide	EPA:300.0	mg/L	127	8	6	0.062	0.0898	0.12	119	94	0.18	-	0	0	0	0	-	-	4	-	-	-
Calcium	SW-846:6010	mg/L	6	6	100	10.3	12.95	19.4	0	0	24.88	-	0	0	0	0	-	-	2	-	-	-
Calcium	SW-846:6010B	mg/L	130	130	100	7.75	12.382	24.3	0	0	24.88	-	0	0	0	0	-	-	4	-	-	-
Chloride	EPA:300.0	mg/L	126	126	100	1.23	1.9025	8.64	0	0	3.57	1	0	0	0	0	250	NMGSF	4	-	-	-
Cyanide (Total)	EPA:335.3	mg/L	13	1	8	0.0026	0.0026	0.0026	12	92	-	-	0	0	0	0	0.2	NMGSF	4	-	-	-
Dissolved Organic Carbon	USGS-WRI-79-4	mg/L	3	3	100	1.6	2.3333	3.4	0	0	-	-	0	0	0	0	-	-	2	-	-	-
Fluoride	EPA:300.0	mg/L	127	118	93	0.068	0.2297	0.648	9	7	0.57	1	0	0	0	0	1.6	NMGSF	4	-	-	-
Hardness	EPA:200.7	mg/L	15	15	100	31	46.84	89.9	0	0	-	-	0	0	0	0	-	-	2	-	-	-
Hardness	SM:A2340B	mg/L	45	45	100	31	40.036	62	0	0	-	-	0	0	0	0	-	-	4	-	-	-
Humic Substances, Hydrophilic Acids	USGS-WRI-79-4	mg/L	3	3	100	0	0.1667	0.5	0	0	-	-	0	0	0	0	-	-	2	-	-	-
Humic Substances, Hydrophilic Bases	USGS-WRI-79-4	mg/L	3	3	100	0	0.1333	0.3	0	0	-	-	0	0	0	0	-	-	2	-	-	-
Humic Substances, Hydrophilic Neutrals	USGS-WRI-79-4	mg/L	3	3	100	0.1	0.2333	0.4	0	0	-	-	0	0	0	0	-	-	2	-	-	-
Humic Substances, Hydrophilic Total	USGS-WRI-79-4	mg/L	3	3	100	0.4	0.5333	0.7	0	0	-	-	0	0	0	0	-	-	2	-	-	-
Humic Substances, Hydrophobic Acids	USGS-WRI-79-4	mg/L	3	3	100	0.2	0.8	1.6	0	0	-	-	0	0	0	0	-	-	2	-	-	-
Humic Substances, Hydrophobic Bases	USGS-WRI-79-4	mg/L	3	3	100	0	0	0	0	0	-	-	0	0	0	0	-	-	2	-	-	-
Humic Substances, Hydrophobic Neutrals	USGS-WRI-79-4	mg/L	3	3	100	0.5	0.9667	1.3	0	0	-	-	0	0	0	0	-	-	2	-	-	-
Humic Substances, Hydrophobic Total	USGS-WRI-79-4	mg/L	3	3	100	1.2	1.8	2.7	0	0	-	-	0	0	0	0	-	-	2	-	-	-
Magnesium	SW-846:6010	mg/L	6	6	100	2.14	3.2783	4.71	0	0	4.15	1	0	0	0	0	-	-	2	-	-	-
Magnesium	SW-846:6010B	mg/L	130	130	100	1.47	3.2218	7.21	0	0	4.15	1	0	0	0	0	-	-	4	-	-	-
Nitrate-Nitrite as Nitrogen	EPA:353.1	mg/L	86	48	56	0.01	0.2361	0.46	38	44	0.89	-	0	0	0	0	10	NMGSF	4	-	-	-
Nitrate-Nitrite as Nitrogen	EPA:353.2	mg/L	20	14	70	0.016	0.2514	0.485	6	30	0.89	-	0	0	0	0	10	NMGSF	4	-	-	-
Oxalate	EPA:300.0	mg/L	45	0	0	*0.346*	*0.8595*	*1*	45	100	-	-	0	0	0	0	-	-	3	-	-	-
Perchlorate	EPA:314.0	ug/L	38	0	0	*1.07*	*3.9229*	*4*	38	100	0.46	-	0	0	0	0	24.5	Reg6	4	-	-	-
Perchlorate	SW846 6850 Modified	ug/L	11	7	64	0.203	0.2207	0.238	4	36	0.46	-	0	0	0	0	24.5	Reg6	4	-	-	-
Perchlorate	SW-846:6850	ug/L	21	17	81	0.0502	0.2244	0.333	4	19	0.46	-	0	0	0	0	24.5	Reg6	4	-	-	-
pH	EPA:150.1	SU	44	44	100	6.25	7.6561	8.51	0	0	-	-	0	0	0	0	-	-	4	-	-	-
Potassium	SW-846:6010	mg/L	6	6	100	1.44	1.88	2.17	0	0	2.63	-	0	0	0	0	-	-	2	-	-	-
Potassium	SW-846:6010B	mg/L	130	130	100	0.84	1.7238	3.03	0	0	2.63	2	0	0	0	0	-	-	4	-	-	-
Silicon Dioxide	SW-846:6010B	mg/L	78	77	99	23.6	59.756	71.7	1	1	88.5	-	0	0	0	0	-	-	4	-	-	-
Sodium	SW-846:6010	mg/L	6	6	100	10.4	14.2	17.7	0	0	24.5	-	0	0	0	0	-	-	2	-	-	-
Sodium	SW-846:6010B	mg/L	130	130	100	8.62	26.97	1910	0	0	24.5	-	0	0	0	0	-	-	4	-	-	-
Specific Conductance	EPA:120.1	uS/cm	44	44	100	105	126.66	167	0	0	-	-	0	0	0	0	-	-	4	-	-	-
Sulfate	EPA:300.0	mg/L	127	115	91	0.245	1.4895	8.79	12	9	7.2	1	0	0	0	0	600	NMGSF	4	-	-	-
Total Dissolved Solids	EPA:160.1	mg/L	52	52	100	76	132.33	231	0	0	191.68	-	0	0	0	0	1000	NMGSF	4	-	-	-
Total Kjeldahl Nitrogen	EPA:351.2	mg/L	123	81	66	0.037	0.9643	26.7	42	34	1	2	0	0	0	0	-	-	4	-	-	-
Total Organic Carbon	USGS-WRI-79-4	mg/L	5	5	100	0.45	0.618	0.7	0	0	0.46	1	0	0	0	0	-	-	2	-	-	-
Total Phosphate as Phosphorus	EPA:365.4	mg/L	122	48	39	0.02	0.3931	4.2	74	61	0.34	1	0	0	0	0	-	-	4	-	-	-
Water, Geninorg, UF, Regional																						
Alkalinity-CO3	EPA:310.1	mg/L	8	0	0	*1.45*	*1.45*	*1.45*	8	100	-	-	0	0	0	0	-	-	1	-	-	-
Alkalinity-CO3+HCO3	EPA:310.1	mg/L	8	8	100	51.2	67.875	108	0	0	-	-	0	0	0	0	-	-	1	-	-	-
Alkalinity-HCO3	EPA:310.1	mg/L	8	8	100	50.8	67.463	108	0	0	-	-	0	0	0	0	-	-	1	-	-	-
Ammonia	EPA:350.1	mg/L	23	16	70	0.04	0.27	0.64	7	30	-	-	0	0	0	0	-	-	2	-	-	-
Ammonia as Nitrogen	EPA:350.1	mg/L	4	1	25	0.08	0.08	0.08	3	75	-	-	0	0	0	0	0.2085714	Reg6	1	-	-	-
Calcium	SW-846:6010	mg/L	6	6	100	10.2	14.05	20	0	0	-	-	0	0	0	0	-	-	2	-	-	-
Calcium	SW-846:6010B	mg/L	140	140	100	7.67	12.586	24.2	0	0	-	-	0	0	0	0	-	-	4	-	-	-
Chemical Oxygen Demand	EPA:410.4	mg/L	2	1	50	20	20	20	1	50	-	-	0	0	0	0	-	-	1	-	-	-
Chloride	EPA:300.0	mg/L	8	8	100	1.42	1.9038	3.24	0	0	-	-	0	0	0	0	-	-	1	-	-	-
Cyanide (Total)	EPA:335.3	mg/L	28	7	25	0.0021	0.0037	0.0046	21	75	-	-	0	0	0	0	0.2	MCL	4	-	-	-
Cyanide (Total)	SW-846:9012A	mg/L	15	1	7	0.0144	0.0144	0.0144	14	93	-	-	0	0	0	0	0.2	MCL	2	-	-	-
Fluoride	EPA:300.0	mg/L	8	6	75	0.088	0.1087	0.124	2	25	-	-	0	0	0	0	4	MCL	1	-	-	-
Hardness	EPA:200.7	mg/L	24	24	100	30.8	49.392	89.2	0	0	-	-	0	0	0	0	-	-	3	-	-	-

Table B-5
Screening Table for Water Canyon Watershed (including Cañon de Valle, Potrillo Canyon, and Fence Canyon)

Analyte	Method	Units	No. of Analyses	No. of Detects	D Rate %	Min	Mean	Max	No. of Non-detects	ND Rate %	BV	D> BV	ND> Std	D> Std	D> Std/2	D>Std/2 Rate %	Level	Std Type	Locations with Data (number)	D>Std (number of locations)	D>Std/2 (number of locations)	D>Std Stations
Hardness	SM:A2340B	mg/L	46	46	100	31.3	40.191	75.5	0	0	-	-	0	0	0	0	-	-	4	-	-	-
Magnesium	SW-846:6010	mg/L	6	6	100	2.17	3.1033	4.91	0	0	-	-	0	0	0	0	-	-	2	-	-	-
Magnesium	SW-846:6010B	mg/L	140	140	100	1.34	3.2414	7.16	0	0	-	-	0	0	0	0	-	-	4	-	-	-
Nitrate-Nitrite as Nitrogen	EPA:353.1	mg/L	32	15	47	0.01	0.2507	0.46	17	53	-	-	0	0	0	0	10	MCL	3	-	-	-
Perchlorate	EPA:314.0	ug/L	39	0	0	*1.45*	*3.7385*	*4*	39	100	0.44	-	0	0	0	0	24.5	Reg6	3	-	-	-
Perchlorate	SW846 6850 Modified	ug/L	50	20	40	0.0585	0.2563	0.561	30	60	0.44	1	0	0	0	0	24.5	Reg6	3	-	-	-
pH	EPA:150.1	SU	8	8	100	7.15	7.6713	8.22	0	0	8.64	-	0	0	0	0	-	-	1	-	-	-
Potassium	SW-846:6010	mg/L	6	6	100	1.43	1.97	2.19	0	0	-	-	0	0	0	0	-	-	2	-	-	-
Potassium	SW-846:6010B	mg/L	140	140	100	0.766	1.6916	3.03	0	0	-	-	0	0	0	0	-	-	4	-	-	-
Silicon Dioxide	SW-846:6010B	mg/L	51	50	98	24.4	55.502	68.3	1	2	-	-	0	0	0	0	-	-	3	-	-	-
Sodium	SW-846:6010	mg/L	6	6	100	12.7	15.65	18.4	0	0	-	-	0	0	0	0	-	-	2	-	-	-
Sodium	SW-846:6010B	mg/L	140	140	100	5.74	34.747	1640	0	0	-	-	0	0	0	0	-	-	4	-	-	-
Specific Conductance	SW-846:9050A	uS/cm	8	8	100	101	147.25	222	0	0	287.21	-	0	0	0	0	-	-	1	-	-	-
Sulfate	EPA:300.0	mg/L	8	8	100	1.76	4.1313	9.96	0	0	-	-	0	0	0	0	-	-	1	-	-	-
Suspended Sediment Concentration	EPA:160.2	mg/L	7	2	29	2.83	5.22	7.61	5	71	-	-	0	0	0	0	-	-	2	-	-	-
Total Kjeldahl Nitrogen	EPA:351.2	mg/L	26	9	35	0.031	0.5508	3.28	17	65	-	-	0	0	0	0	-	-	4	-	-	-
Total Organic Carbon	EPA:415.1	mg/L	1	1	100	1.13	1.13	1.13	0	0	1.37	-	0	0	0	0	-	-	1	-	-	-
Total Organic Carbon	SW-846:9060	mg/L	128	97	76	0.211	2.2086	10.3	31	24	1.37	2	0	0	0	0	-	-	4	-	-	-
Total Phosphate as Phosphorus	EPA:365.4	mg/L	9	9	100	0.319	2.4514	5.01	0	0	-	-	0	0	0	0	-	-	1	-	-	-
Total Suspended Solids	EPA:160.2	mg/L	7	3	43	1.2	2.0667	2.8	4	57	-	-	0	0	0	0	-	-	2	-	-	-
Water, Metals, F, Perennial																						
Aluminum	EPA:200.7	ug/L	1	1	100	1230	1230	1230	0	0	-	-	0	1	1	100	87	AqChrF	1	1	1	Water above SR-501
Aluminum	SW-846:6010B	ug/L	14	11	79	164	507.91	1220	3	21	-	-	1	11	11	79	87	AqChrF	4	4	4	Between E252 and Water at Beta, Canon de Valle below MDA P, Water above SR-501, Water at Beta
Antimony	EPA:200.8	ug/L	1	0	0	*0.5*	*0.5*	*0.5*	1	100	-	-	0	0	0	0	640	HHPF	1	-	-	-
Antimony	SW-846:6020	ug/L	14	0	0	*0.5*	*0.5207*	*0.79*	14	100	-	-	0	0	0	0	640	HHPF	4	-	-	-
Arsenic	EPA:200.7	ug/L	1	0	0	*6*	*6*	*6*	1	100	-	-	0	0	0	0	9	HHPF	1	-	-	-
Arsenic	SW-846:6010B	ug/L	3	0	0	*6*	*6*	*6*	3	100	-	-	0	0	0	0	9	HHPF	2	-	-	-
Arsenic	SW-846:6020	ug/L	11	1	9	2.9	2.9	2.9	10	91	-	-	0	0	0	0	9	HHPF	4	-	-	-
Barium	EPA:200.7	ug/L	1	1	100	26.8	26.8	26.8	0	0	-	-	0	0	0	0	-	-	1	-	-	-
Barium	SW-846:6010B	ug/L	14	14	100	27.2	521.66	2250	0	0	-	-	0	0	0	0	-	-	4	-	-	-
Beryllium	EPA:200.7	ug/L	1	0	0	*1*	*1*	*1*	1	100	-	-	0	0	0	0	-	-	1	-	-	-
Beryllium	SW-846:6010B	ug/L	14	0	0	*1*	*1*	*1*	14	100	-	-	0	0	0	0	-	-	4	-	-	-
Boron	SW-846:6010B	ug/L	14	11	79	10.1	15.136	23.9	3	21	-	-	0	0	0	0	750	IrF	4	-	-	-
Cadmium	EPA:200.8	ug/L	1	0	0	*0.1*	*0.1*	*0.1*	1	100	-	-	0	0	0	0	0.2	AqChrF	1	-	-	-
Cadmium	SW-846:6020	ug/L	14	0	0	*0.1*	*0.1029*	*0.11*	14	100	-	-	0	0	0	0	0.2	AqChrF	4	-	-	-
Chromium	EPA:200.8	ug/L	1	1	100	1.1	1.1	1.1	0	0	-	-	0	0	0	0	74.1	AqChrF	1	-	-	-
Chromium	SW-846:6010B	ug/L	3	0	0	*1*	*1*	*1*	3	100	-	-	0	0	0	0	74.1	AqChrF	2	-	-	-
Chromium	SW-846:6020	ug/L	11	4	36	1.3	2.2	3.1	7	64	-	-	0	0	0	0	74.1	AqChrF	4	-	-	-
Cobalt	EPA:200.7	ug/L	1	0	0	*1.3*	*1.3*	*1.3*	1	100	-	-	0	0	0	0	50	IrF	1	-	-	-
Cobalt	SW-846:6010B	ug/L	14	2	14	2.4	2.55	2.7	12	86	-	-	0	0	0	0	50	IrF	4	-	-	-
Copper	EPA:200.7	ug/L	1	0	0	*3*	*3*	*3*	1	100	-	-	0	0	0	0	9	AqChrF	1	-	-	-
Copper	SW-846:6010B	ug/L	11	0	0	*3*	*3*	*3*	11	100	-	-	0	0	0	0	9	AqChrF	4	-	-	-
Iron	EPA:200.7	ug/L	1	1	100	550	550	550	0	0	-	-	0	0	0	0	-	-	1	-	-	-
Iron	SW-846:6010B	ug/L	14	12	86	48.6	213.74	535	2	14	-	-	0	0	0	0	-	-	4	-	-	-
Lead	EPA:200.8	ug/L	1	0	0	*0.5*	*0.5*	*0.5*	1	100	-	-	0	0	0	0	2.5	AqChrF	1	-	-	-
Lead	SW-846:6020	ug/L	14	0	0	*0.5*	*0.5*	*0.5*	14	100	-	-	0	0	0	0	2.5	AqChrF	4	-	-	-
Manganese	EPA:200.7	ug/L	1	1	100	5.3	5.3	5.3	0	0	-	-	0	0	0	0	-	-	1	-	-	-
Manganese	SW-846:6010B	ug/L	14	12	86	2.1	19.508	67.2	2	14	-	-	0	0	0	0	-	-	4	-	-	-
Mercury	EPA:245.2	ug/L	14	0	0	*0.03*	*0.0493*	*0.06*	14	100	-	-	0	0	0	0	0.77	AqChrF	4	-	-	-
Molybdenum	EPA:200.7	ug/L	1	0	0	*2*	*2*	*2*	1	100	-	-	0	0	0	0	1000	IrF	1	-	-	-

Table B-5
Screening Table for Water Canyon Watershed (including Cañon de Valle, Potrillo Canyon, and Fence Canyon)

Analyte	Method	Units	No. of Analyses	No. of Detects	D Rate %	Min	Mean	Max	No. of Non-detects	ND Rate %	BV	D> BV	ND> Std	D> Std	D> Std/2	D>Std/2 Rate %	Level	Std Type	Locations with Data (number)	D>Std (number of locations)	D>Std/2 (number of locations)	D>Std Stations
Molybdenum	SW-846:6010B	ug/L	14	1	7	2.5	2.5	2.5	13	93	-	-	0	0	0	0	1000	IrF	4	-	-	-
Nickel	EPA:200.8	ug/L	1	0	0	0.78	0.78	0.78	1	100	-	-	0	0	0	0	52	AqChrF	1	-	-	-
Nickel	SW-846:6020	ug/L	14	14	100	0.56	0.8129	1.6	0	0	-	-	0	0	0	0	52	AqChrF	4	-	-	-
Selenium	EPA:200.8	ug/L	1	0	0	2.5	2.5	2.5	1	100	-	-	0	0	0	0	50	LWF	1	-	-	-
Selenium	SW-846:6020	ug/L	14	0	0	1	2.1429	3.3	14	100	-	-	0	0	0	0	50	LWF	4	-	-	-
Silver	EPA:200.8	ug/L	1	0	0	0.2	0.2	0.2	1	100	-	-	0	0	0	0	3.2	AqAcF	1	-	-	-
Silver	SW-846:6020	ug/L	14	0	0	0.2	0.2	0.2	14	100	-	-	0	0	0	0	3.2	AqAcF	4	-	-	-
Strontium	SW-846:6010B	ug/L	14	14	100	70.5	93.564	144	0	0	-	-	0	0	0	0	-	-	4	-	-	-
Thallium	EPA:200.8	ug/L	1	1	100	0.42	0.42	0.42	0	0	-	-	0	0	0	0	6.3	HHPF	1	-	-	-
Thallium	SW-846:6020	ug/L	14	5	36	0.35	0.47	0.59	9	64	-	-	0	0	0	0	6.3	HHPF	4	-	-	-
Tin	SW-846:6010B	ug/L	14	1	7	4.3	4.3	4.3	13	93	-	-	0	0	0	0	-	-	4	-	-	-
Uranium	SW-846:6020	ug/L	14	2	14	0.053	0.0655	0.078	12	86	-	-	0	0	0	0	-	-	4	-	-	-
Vanadium	EPA:200.7	ug/L	1	0	0	3.3	3.3	3.3	1	100	-	-	0	0	0	0	100	IrF	1	-	-	-
Vanadium	SW-846:6010B	ug/L	14	12	86	1.2	2.85	5.8	2	14	-	-	0	0	0	0	100	IrF	4	-	-	-
Zinc	EPA:200.7	ug/L	1	1	100	4.5	4.5	4.5	0	0	-	-	0	0	0	0	117.2	AqAcF	1	-	-	-
Zinc	SW-846:6010B	ug/L	14	1	7	2.7	2.7	2.7	13	93	-	-	0	0	0	0	117.2	AqAcF	4	-	-	-
Water, Metals, UF, Perennial																						
Aluminum	EPA:200.7	ug/L	3	3	100	553	1200	2280	0	0	-	-	0	0	0	0	-	-	2	-	-	-
Aluminum	SW-846:6010B	ug/L	14	14	100	113	694.14	1510	0	0	-	-	0	0	0	0	-	-	4	-	-	-
Antimony	EPA:200.8	ug/L	3	0	0	0.5	0.5	0.5	3	100	-	-	0	0	0	0	-	-	2	-	-	-
Antimony	SW-846:6020	ug/L	14	0	0	0.5	0.5021	0.53	14	100	-	-	0	0	0	0	-	-	4	-	-	-
Arsenic	EPA:200.7	ug/L	3	0	0	6	6	6	3	100	-	-	0	0	0	0	-	-	2	-	-	-
Arsenic	SW-846:6010B	ug/L	3	0	0	6	6	6	3	100	-	-	0	0	0	0	-	-	2	-	-	-
Arsenic	SW-846:6020	ug/L	11	2	18	1.6	1.7	1.8	9	82	-	-	0	0	0	0	-	-	4	-	-	-
Barium	EPA:200.7	ug/L	3	3	100	27.4	1185.5	3490	0	0	-	-	0	0	0	0	-	-	2	-	-	-
Barium	SW-846:6010B	ug/L	14	14	100	28.3	543.94	2350	0	0	-	-	0	0	0	0	-	-	4	-	-	-
Beryllium	EPA:200.7	ug/L	3	0	0	1	1	1	3	100	-	-	0	0	0	0	-	-	2	-	-	-
Beryllium	SW-846:6010B	ug/L	14	0	0	1	1	1	14	100	-	-	0	0	0	0	-	-	4	-	-	-
Boron	SW-846:6010B	ug/L	14	10	71	10	14.94	25.6	4	29	-	-	0	0	0	0	-	-	4	-	-	-
Cadmium	EPA:200.8	ug/L	3	0	0	0.1	0.1	0.1	3	100	-	-	0	0	0	0	-	-	2	-	-	-
Cadmium	SW-846:6020	ug/L	14	0	0	0.1	0.1029	0.11	14	100	-	-	0	0	0	0	-	-	4	-	-	-
Chromium	EPA:200.7	ug/L	2	2	100	1.1	1.3	1.5	0	0	-	-	0	0	0	0	-	-	2	-	-	-
Chromium	EPA:200.8	ug/L	1	0	0	1	1	1	1	100	-	-	0	0	0	0	-	-	1	-	-	-
Chromium	SW-846:6010B	ug/L	3	0	0	1	1	1	3	100	-	-	0	0	0	0	-	-	2	-	-	-
Chromium	SW-846:6020	ug/L	11	6	55	1.1	1.4667	2	5	45	-	-	0	0	0	0	-	-	4	-	-	-
Cobalt	EPA:200.7	ug/L	3	0	0	1	1	1	3	100	-	-	0	0	0	0	-	-	2	-	-	-
Cobalt	SW-846:6010B	ug/L	14	1	7	1.1	1.1	1.1	13	93	-	-	0	0	0	0	-	-	4	-	-	-
Copper	EPA:200.7	ug/L	3	0	0	3	3	3	3	100	-	-	0	0	0	0	-	-	2	-	-	-
Copper	SW-846:6010B	ug/L	9	0	0	3	3	3	9	100	-	-	0	0	0	0	-	-	4	-	-	-
Iron	EPA:200.7	ug/L	3	3	100	270	579	1110	0	0	-	-	0	0	0	0	-	-	2	-	-	-
Iron	SW-846:6010B	ug/L	14	12	86	123	388.67	764	2	14	-	-	0	0	0	0	-	-	4	-	-	-
Lead	EPA:200.8	ug/L	3	2	67	0.55	0.645	0.74	1	33	-	-	0	0	0	0	-	-	2	-	-	-
Lead	SW-846:6020	ug/L	14	2	14	0.61	0.64	0.67	12	86	-	-	0	0	0	0	-	-	4	-	-	-
Manganese	EPA:200.7	ug/L	3	3	100	4.6	16.067	38.6	0	0	-	-	0	0	0	0	-	-	2	-	-	-
Manganese	SW-846:6010B	ug/L	14	12	86	2.5	24.725	81.9	2	14	-	-	0	0	0	0	-	-	4	-	-	-
Mercury	EPA:245.2	ug/L	17	0	0	0.03	0.05	0.06	17	100	-	-	0	0	0	0	10	WHU	4	-	-	-
Molybdenum	EPA:200.7	ug/L	3	0	0	2	2	2	3	100	-	-	0	0	0	0	-	-	2	-	-	-
Molybdenum	SW-846:6010B	ug/L	14	0	0	2	2	2	14	100	-	-	0	0	0	0	-	-	4	-	-	-
Nickel	EPA:200.8	ug/L	3	2	67	0.71	1.405	2.1	1	33	-	-	0	0	0	0	-	-	2	-	-	-
Nickel	SW-846:6020	ug/L	14	14	100	0.6	0.8121	1.6	0	0	-	-	0	0	0	0	-	-	4	-	-	-
Selenium	EPA:200.8	ug/L	3	0	0	2.5	2.5	2.5	3	100	-	-	0	0	0	0	20	AqAcU	2	-	-	-
Selenium	SW-846:6020	ug/L	14	0	0	1	2.0714	2.5	14	100	-	-	0	0	0	0	20	AqAcU	4	-	-	-
Silver	EPA:200.8	ug/L	3	1	33	0.23	0.23	0.23	2	67	-	-	0	0	0	0	-	-	2	-	-	-
Silver	SW-846:6020	ug/L	14	1	7	0.21	0.21	0.21	13	93	-	-	0	0	0	0	-	-	4	-	-	-
Strontium	SW-846:6010B	ug/L	14	14	100	70.5	95.243	149	0	0	-	-	0	0	0	0	-	-	4	-	-	-
Thallium	EPA:200.8	ug/L	3	0	0	0.4	0.4	0.4	3	100	-	-	0	0	0	0	-	-	2	-	-	-
Thallium	SW-846:6020	ug/L	14	1	7	0.58	0.58	0.58	13	93	-	-	0	0	0	0	-	-	4	-	-	-

Table B-5
Screening Table for Water Canyon Watershed (including Cañon de Valle, Potrillo Canyon, and Fence Canyon)

Analyte	Method	Units	No. of Analyses	No. of Detects	D Rate %	Min	Mean	Max	No. of Non-detects	ND Rate %	BV	D> BV	ND> Std	D> Std	D> Std/2	D>Std/2 Rate %	Level	Std Type	Locations with Data (number)	D>Std (number of locations)	D>Std/2 (number of locations)	D>Std Stations
Tin	SW-846:6010B	ug/L	14	0	0	*2.5*	*2.5*	*2.5*	14	100	-	-	0	0	0	0	-	-	4	-	-	-
Uranium	SW-846:6020	ug/L	14	3	21	0.056	0.075	0.11	11	79	-	-	0	0	0	0	-	-	4	-	-	-
Vanadium	EPA:200.7	ug/L	3	1	33	1.9	1.9	1.9	2	67	-	-	0	0	0	0	-	-	2	-	-	-
Vanadium	SW-846:6010B	ug/L	14	12	86	1.4	2.95	5.3	2	14	-	-	0	0	0	0	-	-	4	-	-	-
Zinc	EPA:200.7	ug/L	3	3	100	2.9	4.6667	5.9	0	0	-	-	0	0	0	0	-	-	2	-	-	-
Zinc	SW-846:6010B	ug/L	14	2	14	2.2	3.5	4.8	12	86	-	-	0	0	0	0	-	-	4	-	-	-
Water, Metals, F, Springs																						
Aluminum	SW-846:6010B	ug/L	78	68	87	16.2	1228.8	10600	10	13	-	-	0	3	11	14	5000	NMGSF	8	1	5	Fish Ladder Spring
Antimony	SW-846:6020	ug/L	77	4	5	0.382	1.4218	4.05	73	95	-	-	0	0	1	1	6	MCL	8	-	1	-
Arsenic	SW-846:6010B	ug/L	59	4	7	2.87	3.5925	4.48	55	93	-	-	2	0	0	0	10	MCL	5	-	-	-
Arsenic	SW-846:6020	ug/L	19	5	26	1.8	4.26	5.9	14	74	-	-	0	0	3	16	10	MCL	8	-	3	-
Barium	SW-846:6010B	ug/L	78	78	100	12.8	236.47	3120	0	0	-	-	0	1	4	5	1000	NMGSF	8	1	2	Peter Spring
Beryllium	SW-846:6010B	ug/L	38	0	0	*1*	*1*	*1*	38	100	-	-	0	0	0	0	4	MCL	8	-	-	-
Beryllium	SW-846:6020	ug/L	40	9	23	0.08	0.2113	0.561	31	78	-	-	0	0	0	0	4	MCL	5	-	-	-
Boron	SW-846:6010B	ug/L	62	51	82	9.31	626.55	2290	11	18	-	-	0	18	18	29	750	NMGSF	8	1	1	Martin Spring
Cadmium	SW-846:6020	ug/L	78	17	22	0.042	0.3119	2.7	61	78	-	-	0	0	1	1	5	MCL	8	-	1	-
Chromium	SW-846:6010B	ug/L	56	34	61	0.709	1.7022	5.78	22	39	-	-	0	0	0	0	50	NMGSF	5	-	-	-
Chromium	SW-846:6020	ug/L	22	10	45	1.2	1.69	2.1	12	55	-	-	0	0	0	0	50	NMGSF	8	-	-	-
Cobalt	SW-846:6010B	ug/L	78	20	26	0.67	3.138	10.6	58	74	-	-	0	0	0	0	50	NMGSF	8	-	-	-
Copper	SW-846:6010B	ug/L	70	21	30	1.41	4.0448	10.1	49	70	-	-	0	0	0	0	1000	NMGSF	8	-	-	-
Iron	SW-846:6010B	ug/L	78	64	82	14.6	691.14	6210	14	18	-	-	0	12	18	23	1000	NMGSF	8	5	5	Burning Ground Spring, Fish Ladder Spring, Martin Spring, Peter Spring, SWSC Spring
Lead	SW-846:6020	ug/L	78	31	40	0.058	0.8764	6.07	47	60	-	-	0	0	0	0	15	MCL	8	-	-	-
Manganese	SW-846:6010B	ug/L	38	29	76	2.3	104.04	1450	9	24	-	-	0	4	7	18	200	NMGSF	8	2	2	Fish Ladder Spring, Peter Spring
Manganese	SW-846:6020	ug/L	40	25	63	1.7	9.8592	59.6	15	38	-	-	0	0	0	0	200	NMGSF	5	-	-	-
Mercury	EPA:245.2	ug/L	38	2	5	0.067	0.1535	0.24	36	95	-	-	0	0	0	0	2	MCL	8	-	-	-
Mercury	SW-846:7470A	ug/L	40	3	8	0.051	0.059	0.065	37	93	-	-	0	0	0	0	2	MCL	5	-	-	-
Molybdenum	SW-846:6010B	ug/L	38	9	24	2.1	3.1	4.4	29	76	-	-	0	0	0	0	1000	NMGSF	8	-	-	-
Nickel	SW-846:6010B	ug/L	40	20	50	0.795	2.1613	5.41	20	50	-	-	0	0	0	0	100	MCL	5	-	-	-
Nickel	SW-846:6020	ug/L	38	28	74	0.84	1.9004	5.6	10	26	-	-	0	0	0	0	100	MCL	8	-	-	-
Selenium	SW-846:6010B	ug/L	40	4	10	3.12	3.8	4.6	36	90	-	-	0	0	0	0	50	NMGSF	5	-	-	-
Selenium	SW-846:6020	ug/L	38	0	0	*1*	*2.2632*	*2.5*	38	100	-	-	0	0	0	0	50	NMGSF	8	-	-	-
Silver	SW-846:6010B	ug/L	40	1	3	0.906	0.906	0.906	39	98	-	-	0	0	0	0	50	NMGSF	5	-	-	-
Silver	SW-846:6020	ug/L	38	2	5	0.23	0.365	0.5	36	95	-	-	0	0	0	0	50	NMGSF	8	-	-	-
Strontium	SW-846:6010B	ug/L	38	38	100	39.9	104.28	148	0	0	-	-	0	0	0	0	21900	Reg6	8	-	-	-
Thallium	SW-846:6020	ug/L	78	21	27	0.02	0.2259	0.66	57	73	-	-	0	0	0	0	2	MCL	8	-	-	-
Tin	SW-846:6010B	ug/L	38	3	8	3.4	10.7	23.9	35	92	-	-	0	0	0	0	21900	Reg6	8	-	-	-
Uranium	SW-846:6020	ug/L	47	33	70	0.065	0.4594	1.7	14	30	-	-	0	0	0	0	30	NMGSF	8	-	-	-
Vanadium	SW-846:6010B	ug/L	78	57	73	1.5	3.6054	14.4	21	27	-	-	0	0	0	0	182.5	Reg6	8	-	-	-
Zinc	SW-846:6010B	ug/L	78	31	40	1.1	7.9858	30.2	47	60	-	-	0	0	0	0	10000	NMGSF	8	-	-	-
Water, Metals, UF, Springs																						
Aluminum	SW-846:6010B	ug/L	78	74	95	29.6	2588.7	23200	4	5	-	-	0	0	2	3	36500	Reg6	8	-	1	-
Antimony	SW-846:6020	ug/L	77	4	5	0.34	4.0593	14.4	73	95	-	-	0	1	1	1	6	MCL	8	1	1	SWSC Spring
Arsenic	SW-846:6010B	ug/L	59	4	7	2.24	4.0575	5.54	55	93	-	-	2	0	2	3	10	MCL	5	-	2	-
Arsenic	SW-846:6020	ug/L	19	9	47	1.6	3.5444	7.5	10	53	-	-	0	0	3	16	10	MCL	8	-	2	-
Barium	SW-846:6010B	ug/L	78	78	100	13.1	272.83	3470	0	0	-	-	0	1	2	3	2000	MCL	8	1	1	Peter Spring
Beryllium	SW-846:6010B	ug/L	38	1	3	1.2	1.2	1.2	37	97	-	-	0	0	0	0	4	MCL	8	-	-	-
Beryllium	SW-846:6020	ug/L	40	11	28	0.108	0.3183	1.06	29	73	-	-	0	0	0	0	4	MCL	5	-	-	-
Boron	SW-846:6010B	ug/L	62	51	82	7.67	643.51	2260	11	18	-	-	0	0	0	0	7300	Reg6	8	-	-	-

Table B-5
Screening Table for Water Canyon Watershed (including Cañon de Valle, Potrillo Canyon, and Fence Canyon)

Analyte	Method	Units	No. of Analyses	No. of Detects	D Rate %	Min	Mean	Max	No. of Non-detects	ND Rate %	BV	D> BV	ND> Std	D> Std	D> Std/2	D>Std/2 Rate %	Level	Std Type	Locations with Data (number)	D>Std (number of locations)	D>Std/2 (number of locations)	D>Std Stations
Cadmium	SW-846:6020	ug/L	78	17	22	0.041	0.3315	2.3	61	78	-	-	0	0	0	0	5	MCL	8	-	-	-
Chromium	SW-846:6010B	ug/L	56	36	64	0.67	2.4902	11.2	20	36	-	-	0	0	0	0	100	MCL	5	-	-	-
Chromium	SW-846:6020	ug/L	22	12	55	1.2	3.3917	12.6	10	45	-	-	0	0	0	0	100	MCL	8	-	-	-
Cobalt	SW-846:6010B	ug/L	78	9	12	0.589	2.4641	8.4	69	88	-	-	0	0	0	0	730	Reg6	8	-	-	-
Copper	SW-846:6010B	ug/L	70	22	31	1.79	5.3073	16.3	48	69	-	-	0	0	0	0	1300	MCL	8	-	-	-
Iron	SW-846:6010B	ug/L	78	72	92	31.8	1600.4	13400	6	8	-	-	0	0	1	1	25550	Reg6	8	-	1	-
Lead	SW-846:6020	ug/L	78	45	58	0.052	2.4156	20	33	42	-	-	0	1	4	5	15	Reg6	8	1	2	Peter Spring
Manganese	SW-846:6010B	ug/L	38	29	76	2.2	182.76	2800	9	24	-	-	0	1	1	3	1703.09	Reg6	8	1	1	Peter Spring
Manganese	SW-846:6020	ug/L	40	29	73	2.1	21.532	102	11	28	-	-	0	0	0	0	1703.09	Reg6	5	-	-	-
Mercury	EPA:245.2	ug/L	38	2	5	0.08	0.11	0.14	36	95	-	-	0	0	0	0	2	NMGSU	8	-	-	-
Mercury	SW-846:7470A	ug/L	40	2	5	0.077	0.0835	0.09	38	95	-	-	0	0	0	0	2	NMGSU	5	-	-	-
Molybdenum	SW-846:6010B	ug/L	38	9	24	2.5	3.4556	3.9	29	76	-	-	0	0	0	0	182.5	Reg6	8	-	-	-
Nickel	SW-846:6010B	ug/L	40	14	35	1.2	3.2671	8.64	26	65	-	-	0	0	0	0	100	MCL	5	-	-	-
Nickel	SW-846:6020	ug/L	38	28	74	0.91	2.87	13.8	10	26	-	-	0	0	0	0	100	MCL	8	-	-	-
Selenium	SW-846:6010B	ug/L	40	4	10	2.98	4.1075	5.03	36	90	-	-	0	0	0	0	50	MCL	5	-	-	-
Selenium	SW-846:6020	ug/L	38	0	0	*1*	*2.2632*	*2.5*	38	100	-	-	0	0	0	0	50	MCL	8	-	-	-
Silver	SW-846:6010B	ug/L	40	3	8	1.03	1.19	1.41	37	93	-	-	0	0	0	0	182.5	Reg6	5	-	-	-
Silver	SW-846:6020	ug/L	38	9	24	0.2	1.14	7.5	29	76	-	-	0	0	0	0	182.5	Reg6	8	-	-	-
Strontium	SW-846:6010B	ug/L	38	38	100	51.2	108.45	154	0	0	-	-	0	0	0	0	21900	Reg6	8	-	-	-
Thallium	SW-846:6020	ug/L	78	20	26	0.025	0.206	0.512	58	74	-	-	0	0	0	0	2	MCL	8	-	-	-
Tin	SW-846:6010B	ug/L	38	4	11	2.6	5.75	11.5	34	89	-	-	0	0	0	0	21900	Reg6	8	-	-	-
Uranium	SW-846:6020	ug/L	49	39	80	0.082	0.5906	1.9	10	20	-	-	0	0	0	0	30	MCL	8	-	-	-
Vanadium	SW-846:6010B	ug/L	78	65	83	1.76	5.2249	28.4	13	17	-	-	0	0	0	0	182.5	Reg6	8	-	-	-
Zinc	SW-846:6010B	ug/L	78	42	54	1.9	11.101	54.4	36	46	-	-	0	0	0	0	10950	Reg6	8	-	-	-
Water, Metals, F, Alluvial																						
Aluminum	SW-846:6010B	ug/L	115	99	86	14.8	1891.6	18600	16	14	-	-	0	11	16	14	5000	NMGSF	11	3	5	CDV-16-02655, MSC-16-06294, MSC-16-06295
Antimony	SW-846:6020	ug/L	115	32	28	0.295	0.9633	2.7	83	72	-	-	0	0	0	0	6	MCL	11	-	-	-
Arsenic	SW-846:6010B	ug/L	93	15	16	2.6	4.3733	9.6	78	84	-	-	8	0	4	4	10	MCL	9	-	2	-
Arsenic	SW-846:6020	ug/L	22	2	9	1.8	2.55	3.3	20	91	-	-	0	0	0	0	10	MCL	10	-	-	-
Barium	SW-846:6010B	ug/L	115	115	100	56.7	3830.6	12400	0	0	-	-	0	71	72	63	1000	NMGSF	11	4	5	CDV-16-02656, CDV-16-02657, CDV-16-02658, CDV-16-02659
Beryllium	SW-846:6010B	ug/L	45	0	0	*1*	*1*	*1*	45	100	-	-	0	0	0	0	4	MCL	10	-	-	-
Beryllium	SW-846:6020	ug/L	70	25	36	0.1	0.2981	0.76	45	64	-	-	0	0	0	0	4	MCL	9	-	-	-
Boron	SW-846:6010B	ug/L	78	70	90	7.36	99.321	415	8	10	-	-	0	0	1	1	750	NMGSF	10	-	1	-
Cadmium	SW-846:6020	ug/L	115	66	57	0.041	0.3497	3.72	49	43	-	-	0	0	2	2	5	MCL	11	-	1	-
Chromium	SW-846:6010B	ug/L	89	36	40	0.55	2.7181	10.7	53	60	-	-	0	0	0	0	50	NMGSF	9	-	-	-
Chromium	SW-846:6020	ug/L	26	9	35	1	1.9222	3.7	17	65	-	-	0	0	0	0	50	NMGSF	10	-	-	-
Cobalt	SW-846:6010B	ug/L	115	72	63	0.631	4.057	18.9	43	37	-	-	0	0	0	0	50	NMGSF	11	-	-	-
Copper	SW-846:6010B	ug/L	105	51	49	1.5	4.7247	12.2	54	51	-	-	0	0	0	0	1000	NMGSF	11	-	-	-
Iron	SW-846:6010B	ug/L	115	101	88	18.6	1187.7	11300	14	12	-	-	0	32	44	38	1000	NMGSF	11	7	8	CDV-16-02655, CDV-16-02657, FLC-16-25278, FLC-16-25279, MSC-16-06293, MSC-16-06294, MSC-16-06295
Lead	SW-846:6020	ug/L	115	59	51	0.05	0.9998	4.2	56	49	-	-	0	0	0	0	15	MCL	11	-	-	-
Manganese	SW-846:6010B	ug/L	45	38	84	2.1	283.3	1740	7	16	-	-	0	13	18	40	200	NMGSF	10	5	6	CDV-16-02658, FLC-16-25278, FLC-16-25279, MSC-16-06294, MSC-16-06295

Table B-5
Screening Table for Water Canyon Watershed (including Cañon de Valle, Potrillo Canyon, and Fence Canyon)

Analyte	Method	Units	No. of Analyses	No. of Detects	D Rate %	Min	Mean	Max	No. of Non-detects	ND Rate %	BV	D> BV	ND> Std	D> Std	D> Std/2	D>Std/2 Rate %	Level	Std Type	Locations with Data (number)	D>Std (number of locations)	D>Std/2 (number of locations)	D>Std Stations
Manganese	SW-846:6020	ug/L	70	61	87	1.9	103	1300	9	13	-	-	0	5	11	16	200	NMGSF	9	3	4	CDV-16-02657, MSC-16-06294, MSC-16-06295
Mercury	EPA:245.2	ug/L	44	0	0	*0.03*	*0.0527*	*0.14*	44	100	-	-	0	0	0	0	2	MCL	9	-	-	-
Mercury	SW-846:7470A	ug/L	70	3	4	0.051	0.0533	0.055	67	96	-	-	0	0	0	0	2	MCL	9	-	-	-
Molybdenum	SW-846:6010B	ug/L	45	13	29	2.1	3.9154	6.5	32	71	-	-	0	0	0	0	1000	NMGSF	10	-	-	-
Molybdenum	SW-846:6020	ug/L	1	1	100	0.57	0.57	0.57	0	0	-	-	0	0	0	0	1000	NMGSF	1	-	-	-
Nickel	SW-846:6010B	ug/L	70	39	56	0.746	4.2791	23.3	31	44	-	-	0	0	0	0	100	MCL	9	-	-	-
Nickel	SW-846:6020	ug/L	45	43	96	0.75	4.1405	18.8	2	4	-	-	0	0	0	0	100	MCL	10	-	-	-
Selenium	SW-846:6010B	ug/L	70	5	7	3.39	7.046	13.9	65	93	-	-	0	0	0	0	50	NMGSF	9	-	-	-
Selenium	SW-846:6020	ug/L	45	0	0	*1*	*2.2667*	*2.5*	45	100	-	-	0	0	0	0	50	NMGSF	10	-	-	-
Silver	SW-846:6010B	ug/L	70	2	3	1.01	1.285	1.56	68	97	-	-	0	0	0	0	50	NMGSF	9	-	-	-
Silver	SW-846:6020	ug/L	45	1	2	0.46	0.46	0.46	44	98	-	-	0	0	0	0	50	NMGSF	10	-	-	-
Strontium	SW-846:6010B	ug/L	46	46	100	66.7	151.17	245	0	0	-	-	0	0	0	0	21900	Reg6	10	-	-	-
Thallium	SW-846:6020	ug/L	115	31	27	0.021	0.2685	0.68	84	73	-	-	0	0	0	0	2	MCL	11	-	-	-
Tin	SW-846:6010B	ug/L	46	0	0	*2.5*	*2.6457*	*5.3*	46	100	-	-	0	0	0	0	21900	Reg6	10	-	-	-
Uranium	SW-846:6020	ug/L	60	39	65	0.026	0.3978	2.6	21	35	-	-	0	0	0	0	30	NMGSF	10	-	-	-
Vanadium	SW-846:6010B	ug/L	115	69	60	0.646	5.0441	22.4	46	40	-	-	0	0	0	0	182.5	Reg6	11	-	-	-
Zinc	SW-846:6010B	ug/L	115	72	63	1.62	24.795	193	43	37	-	-	0	0	0	0	10000	NMGSF	11	-	-	-
Water, Metals, UF, Alluvial																						
Aluminum	SW-846:6010B	ug/L	124	121	98	62.5	18060	199000	3	2	-	-	0	15	20	16	36500	Reg6	11	3	5	CDV-16-02655, CDV-16-02657, MSC-16-06295
Antimony	SW-846:6020	ug/L	124	39	31	0.28	1.1952	6.39	85	69	-	-	0	1	4	3	6	MCL	11	1	1	CDV-16-02655
Arsenic	SW-846:6010B	ug/L	102	35	34	2.72	8.6386	25.2	67	66	-	-	7	10	23	23	10	MCL	9	3	5	CDV-16-02655, CDV-16-02657, MSC-16-06295
Arsenic	SW-846:6020	ug/L	22	4	18	1.6	2.175	2.9	18	82	-	-	0	0	0	0	10	MCL	10	-	-	-
Barium	SW-846:6010B	ug/L	124	124	100	58.6	4700.6	21100	0	0	-	-	0	78	78	63	2000	MCL	11	4	4	CDV-16-02656, CDV-16-02657, CDV-16-02658, CDV-16-02659
Beryllium	SW-846:6010B	ug/L	48	4	8	1.5	3.875	6.3	44	92	-	-	1	2	2	4	4	MCL	10	1	1	CDV-16-02657
Beryllium	SW-846:6020	ug/L	76	61	80	0.084	1.3277	9.62	15	20	-	-	0	7	11	14	4	MCL	9	2	3	CDV-16-02655, CDV-16-02657
Boron	SW-846:6010B	ug/L	85	76	89	7.42	97.359	418	9	11	-	-	0	0	0	0	7300	Reg6	10	-	-	-
Cadmium	SW-846:6020	ug/L	124	92	74	0.1	1.8437	33.9	32	26	-	-	0	5	9	7	5	MCL	11	1	2	CDV-16-02655
Chromium	SW-846:6010B	ug/L	98	70	71	0.526	16.942	110	28	29	-	-	0	2	8	8	100	MCL	9	1	4	CDV-16-02655
Chromium	SW-846:6020	ug/L	26	16	62	1.1	2.875	8.7	10	38	-	-	0	0	0	0	100	MCL	10	-	-	-
Cobalt	SW-846:6010B	ug/L	124	86	69	0.548	5.2707	25.6	38	31	-	-	0	0	0	0	730	Reg6	11	-	-	-
Copper	SW-846:6010B	ug/L	115	77	67	1.5	15.531	118	38	33	-	-	0	0	0	0	1300	MCL	11	-	-	-
Iron	SW-846:6010B	ug/L	124	124	100	70.6	11969	127000	0	0	-	-	0	15	20	16	25550	Reg6	11	3	6	CDV-16-02655, CDV-16-02657, MSC-16-06295
Lead	SW-846:6020	ug/L	124	98	79	0.27	13.177	151	26	21	-	-	0	22	37	30	15	Reg6	11	5	8	CDV-16-02655, CDV-16-02657, CDV-16-02658, MSC-16-06293, MSC-16-06295
Manganese	SW-846:6010B	ug/L	48	42	88	2.3	414.1	2690	6	13	-	-	0	1	7	15	1703.09	Reg6	10	1	4	CDV-16-02657
Manganese	SW-846:6020	ug/L	76	75	99	6.4	346.27	2050	1	1	-	-	0	1	9	12	1703.09	Reg6	9	1	5	MSC-16-06294
Mercury	EPA:245.2	ug/L	46	5	11	0.042	0.0644	0.1	41	89	-	-	0	0	0	0	2	NMGSU	10	-	-	-
Mercury	SW-846:7470A	ug/L	76	16	21	0.056	0.1435	0.442	60	79	-	-	0	0	0	0	2	NMGSU	9	-	-	-
Molybdenum	SW-846:6010B	ug/L	48	13	27	2.2	5.2	11.5	35	73	-	-	0	0	0	0	182.5	Reg6	10	-	-	-
Molybdenum	SW-846:6020	ug/L	1	1	100	0.55	0.55	0.55	0	0	-	-	0	0	0	0	182.5	Reg6	1	-	-	-
Nickel	SW-846:6010B	ug/L	76	49	64	0.847	13.127	63.9	27	36	-	-	0	0	4	5	100	MCL	9	-	1	-
Nickel	SW-846:6020	ug/L	48	46	96	0.75	8.2685	75.9	2	4	-	-	0	0	2	4	100	MCL	10	-	2	-

Table B-5
Screening Table for Water Canyon Watershed (including Cañon de Valle, Potrillo Canyon, and Fence Canyon)

Analyte	Method	Units	No. of Analyses	No. of Detects	D Rate %	Min	Mean	Max	No. of Non-detects	ND Rate %	BV	D> BV	ND> Std	D> Std	D> Std/2	D>Std/2 Rate %	Level	Std Type	Locations with Data (number)	D>Std (number of locations)	D>Std/2 (number of locations)	D>Std Stations
Selenium	SW-846:6010B	ug/L	76	13	17	2.9	6.0285	11.9	63	83	-	-	1	0	0	0	50	MCL	9	-	-	-
Selenium	SW-846:6020	ug/L	48	0	0	*1*	*2.2813*	*2.5*	48	100	-	-	0	0	0	0	50	MCL	10	-	-	-
Silver	SW-846:6010B	ug/L	76	17	22	0.91	3.2312	11.5	59	78	-	-	0	0	0	0	182.5	Reg6	9	-	-	-
Silver	SW-846:6020	ug/L	48	16	33	0.2	3.8806	31.1	32	67	-	-	0	0	0	0	182.5	Reg6	10	-	-	-
Strontium	SW-846:6010B	ug/L	49	49	100	75.2	168.67	516	0	0	-	-	0	0	0	0	21900	Reg6	10	-	-	-
Thallium	SW-846:6020	ug/L	124	44	35	0.026	0.3605	1.9	80	65	-	-	1	0	4	3	2	MCL	11	-	1	-
Tin	SW-846:6010B	ug/L	49	4	8	2.6	4.8	6.5	45	92	-	-	0	0	0	0	21900	Reg6	10	-	-	-
Uranium	SW-846:6020	ug/L	69	53	77	0.053	1.8389	16.6	16	23	-	-	0	0	1	1	30	MCL	11	-	1	-
Vanadium	SW-846:6010B	ug/L	124	96	77	0.64	19.808	144	28	23	-	-	0	0	6	5	182.5	Reg6	11	-	2	-
Zinc	SW-846:6010B	ug/L	124	97	78	2.5	202.45	4490	27	22	-	-	0	0	0	0	10950	Reg6	11	-	-	-
Water, Metals, F, Intermediate																						
Aluminum	SW-846:6010B	ug/L	29	1	3	126	126	126	28	97	-	-	0	0	0	0	5000	NMGSF	4	-	-	-
Antimony	SW-846:6020	ug/L	29	4	14	0.16	0.5025	1.1	25	86	-	-	0	0	0	0	6	MCL	4	-	-	-
Arsenic	SW-846:6010B	ug/L	18	1	6	6	6	6	17	94	-	-	0	0	1	6	10	MCL	4	-	1	-
Arsenic	SW-846:6020	ug/L	11	1	9	2.7	2.7	2.7	10	91	-	-	0	0	0	0	10	MCL	4	-	-	-
Barium	SW-846:6010B	ug/L	29	28	97	2.42	10.903	20.6	1	3	-	-	0	0	0	0	1000	NMGSF	4	-	-	-
Beryllium	SW-846:6010B	ug/L	18	0	0	*1*	*1*	*1*	18	100	-	-	0	0	0	0	4	MCL	4	-	-	-
Beryllium	SW-846:6020	ug/L	11	3	27	0.1	0.14	0.17	8	73	-	-	0	0	0	0	4	MCL	4	-	-	-
Boron	SW-846:6010B	ug/L	29	20	69	15.4	90.52	559	9	31	-	-	0	0	1	3	750	NMGSF	4	-	1	-
Cadmium	SW-846:6020	ug/L	29	0	0	*0.1*	*0.1938*	*1*	29	100	-	-	0	0	0	0	5	MCL	4	-	-	-
Chromium	SW-846:6010B	ug/L	18	7	39	1.53	2.4643	6.2	11	61	-	-	0	0	0	0	50	NMGSF	4	-	-	-
Chromium	SW-846:6020	ug/L	11	3	27	1.2	1.9	2.5	8	73	-	-	0	0	0	0	50	NMGSF	4	-	-	-
Cobalt	SW-846:6010B	ug/L	29	4	14	1.1	6.1275	11.1	25	86	-	-	0	0	0	0	50	NMGSF	4	-	-	-
Copper	SW-846:6010B	ug/L	27	12	44	3.4	6.6025	17.2	15	56	-	-	0	0	0	0	1000	NMGSF	4	-	-	-
Iron	SW-846:6010B	ug/L	29	13	45	18.8	228.43	2310	16	55	-	-	0	1	1	3	1000	NMGSF	4	1	1	R-25
Lead	SW-846:6020	ug/L	29	1	3	0.45	0.45	0.45	28	97	-	-	0	0	0	0	15	MCL	4	-	-	-
Manganese	SW-846:6010B	ug/L	18	12	67	2.2	32.483	183	6	33	-	-	0	0	2	11	200	NMGSF	4	-	1	-
Manganese	SW-846:6020	ug/L	11	10	91	1.5	20.99	112	1	9	-	-	0	0	1	9	200	NMGSF	4	-	1	-
Mercury	EPA:245.2	ug/L	18	1	6	0.2	0.2	0.2	17	94	-	-	0	0	0	0	2	MCL	4	-	-	-
Mercury	SW-846:7470A	ug/L	11	0	0	*0.05*	*0.1018*	*0.2*	11	100	-	-	0	0	0	0	2	MCL	4	-	-	-
Molybdenum	SW-846:6010B	ug/L	18	4	22	2.3	3.925	7.1	14	78	-	-	0	0	0	0	1000	NMGSF	4	-	-	-
Molybdenum	SW-846:6020	ug/L	11	10	91	0.5	4.039	21	1	9	-	-	0	0	0	0	1000	NMGSF	4	-	-	-
Nickel	SW-846:6010B	ug/L	11	8	73	1.18	61.289	460	3	27	-	-	0	1	1	9	100	MCL	4	1	1	R-25
Nickel	SW-846:6020	ug/L	18	11	61	0.75	114.91	723	7	39	-	-	0	2	2	11	100	MCL	4	1	1	R-25
Selenium	SW-846:6010B	ug/L	11	0	0	*5*	*5.7273*	*6*	11	100	-	-	0	0	0	0	50	NMGSF	4	-	-	-
Selenium	SW-846:6020	ug/L	18	1	6	2.6	2.6	2.6	17	94	-	-	0	0	0	0	50	NMGSF	4	-	-	-
Silicon	SW-846:6010B	ug/L	3	3	100	19700	22867	24800	0	0	-	-	0	0	0	0	-	-	1	-	-	-
Silver	SW-846:6010B	ug/L	11	0	0	*0.267*	*1.6606*	*5*	11	100	-	-	0	0	0	0	50	NMGSF	4	-	-	-
Silver	SW-846:6020	ug/L	18	1	6	0.87	0.87	0.87	17	94	-	-	0	0	0	0	50	NMGSF	4	-	-	-
Strontium	SW-846:6010B	ug/L	29	29	100	35.6	82.421	281	0	0	-	-	0	0	0	0	21900	Reg6	4	-	-	-
Thallium	SW-846:6020	ug/L	29	9	31	0.41	0.5056	0.74	20	69	-	-	0	0	0	0	2	MCL	4	-	-	-
Tin	SW-846:6010B	ug/L	18	0	0	*2.5*	*2.5*	*2.5*	18	100	-	-	0	0	0	0	21900	Reg6	4	-	-	-
Uranium	SW-846:6020	ug/L	29	25	86	0.27	0.4724	1.19	4	14	-	-	0	0	0	0	30	NMGSF	4	-	-	-
Vanadium	SW-846:6010B	ug/L	29	20	69	1.1	4.3895	8.5	9	31	-	-	0	0	0	0	182.5	Reg6	4	-	-	-
Zinc	SW-846:6010B	ug/L	29	18	62	2.4	6.4083	17	11	38	-	-	0	0	0	0	10000	NMGSF	4	-	-	-
Water, Metals, UF, Intermediate																						
Aluminum	SW-846:6010B	ug/L	35	15	43	76	1792.5	14000	20	57	-	-	0	0	0	0	36500	Reg6	4	-	-	-
Antimony	SW-846:6020	ug/L	37	3	8	0.18	0.3833	0.72	34	92	-	-	0	0	0	0	6	MCL	4	-	-	-
Arsenic	SW-846:6010B	ug/L	28	2	7	2.8	4.56	6.32	26	93	-	-	0	0	1	4	10	MCL	4	-	1	-
Arsenic	SW-846:6020	ug/L	11	2	18	1.5	1.85	2.2	9	82	-	-	0	0	0	0	10	MCL	4	-	-	-
Barium	SW-846:6010B	ug/L	39	39	100	5.2	13.66	67.9	0	0	-	-	0	0	0	0	2000	MCL	4	-	-	-
Beryllium	SW-846:6010B	ug/L	24	1	4	2.8	2.8	2.8	23	96	-	-	0	0	1	4	4	MCL	4	-	1	-
Beryllium	SW-846:6020	ug/L	11	6	55	0.15	0.2033	0.29	5	45	-	-	0	0	0	0	4	MCL	4	-	-	-
Boron	SW-846:6010B	ug/L	39	30	77	12.3	139.56	579	9	23	-	-	0	0	0	0	7300	Reg6	4	-	-	-
Cadmium	SW-846:6020	ug/L	39	3	8	0.045	0.145	0.27	36	92	-	-	0	0	0	0	5	MCL	4	-	-	-
Chromium	SW-846:6010B	ug/L	28	24	86	1.5	23.392	153	4	14	-	-	0	1	2	7	100	MCL	4	1	1	R-25
Chromium	SW-846:6020	ug/L	11	7	64	1.3	9.3	25.1	4	36	-	-	0	0	0	0	100	MCL	4	-	-	-

Table B-5
Screening Table for Water Canyon Watershed (including Cañon de Valle, Potrillo Canyon, and Fence Canyon)

Analyte	Method	Units	No. of Analyses	No. of Detects	D Rate %	Min	Mean	Max	No. of Non-detects	ND Rate %	BV	D> BV	ND> Std	D> Std	D> Std/2	D>Std/2 Rate %	Level	Std Type	Locations with Data (number)	D>Std (number of locations)	D>Std/2 (number of locations)	D>Std Stations
Cobalt	SW-846:6010B	ug/L	39	10	26	0.919	9.7469	18.4	29	74	-	-	0	0	0	0	730	Reg6	4	-	-	-
Copper	SW-846:6010B	ug/L	33	17	52	1.6	19.279	63.2	16	48	-	-	0	0	0	0	1300	MCL	4	-	-	-
Iron	SW-846:6010B	ug/L	39	32	82	24.8	1456.2	9840	7	18	-	-	0	0	0	0	25550	Reg6	4	-	-	-
Lead	SW-846:6020	ug/L	39	17	44	0.13	2.9296	15.7	22	56	-	-	0	1	2	5	15	Reg6	4	1	2	CdV-16-2(i)r
Manganese	SW-846:6010B	ug/L	28	23	82	2.1	100.89	409	5	18	-	-	0	0	0	0	1703.09	Reg6	4	-	-	-
Manganese	SW-846:6020	ug/L	11	9	82	1.2	27.422	118	2	18	-	-	0	0	0	0	1703.09	Reg6	4	-	-	-
Mercury	EPA:245.1	ug/L	10	0	0	*0.0472*	*0.0472*	*0.0472*	10	100	-	-	0	0	0	0	2	NMGSU	1	-	-	-
Mercury	EPA:245.2	ug/L	18	1	6	0.082	0.082	0.082	17	94	-	-	0	0	0	0	2	NMGSU	4	-	-	-
Mercury	SW-846:7470A	ug/L	11	0	0	*0.05*	*0.0991*	*0.2*	11	100	-	-	0	0	0	0	2	NMGSU	4	-	-	-
Molybdenum	SW-846:6010B	ug/L	28	8	29	2.3	7.8113	20.5	20	71	-	-	0	0	0	0	182.5	Reg6	4	-	-	-
Molybdenum	SW-846:6020	ug/L	11	11	100	0.64	3.9573	23	0	0	-	-	0	0	0	0	182.5	Reg6	4	-	-	-
Nickel	SW-846:6010B	ug/L	21	18	86	2.45	426.91	1720	3	14	-	-	0	8	8	38	100	MCL	4	1	1	R-25
Nickel	SW-846:6020	ug/L	18	16	89	2.2	84.775	742	2	11	-	-	0	2	2	11	100	MCL	4	1	1	R-25
Selenium	SW-846:6010B	ug/L	21	1	5	4.12	4.12	4.12	20	95	-	-	0	0	0	0	50	MCL	4	-	-	-
Selenium	SW-846:6020	ug/L	18	1	6	2.8	2.8	2.8	17	94	-	-	0	0	0	0	50	MCL	4	-	-	-
Silicon	SW-846:6010B	ug/L	3	3	100	20000	23367	25200	0	0	-	-	0	0	0	0	-	-	1	-	-	-
Silver	SW-846:6010B	ug/L	21	0	0	*0.445*	*1.276*	*5*	21	100	-	-	0	0	0	0	182.5	Reg6	4	-	-	-
Silver	SW-846:6020	ug/L	18	0	0	*0.2*	*0.2*	*0.2*	18	100	-	-	0	0	0	0	182.5	Reg6	4	-	-	-
Strontium	SW-846:6010B	ug/L	39	39	100	39.4	87.267	277	0	0	-	-	0	0	0	0	21900	Reg6	4	-	-	-
Thallium	SW-846:6020	ug/L	39	1	3	0.44	0.44	0.44	38	97	-	-	0	0	0	0	2	MCL	4	-	-	-
Tin	SW-846:6010B	ug/L	28	0	0	*2.5*	*2.7714*	*3.26*	28	100	-	-	0	0	0	0	21900	Reg6	4	-	-	-
Titanium	SW-846:6010B	ug/L	4	0	0	*0.325*	*1.445*	*3.31*	4	100	-	-	0	0	0	0	-	-	1	-	-	-
Uranium	SW-846:6020	ug/L	35	32	91	0.223	0.6079	3.1	3	9	-	-	0	0	0	0	30	MCL	4	-	-	-
Vanadium	SW-846:6010B	ug/L	39	29	74	0.95	4.09	12.4	10	26	-	-	0	0	0	0	182.5	Reg6	4	-	-	-
Zinc	SW-846:6010B	ug/L	39	27	69	2.4	17.723	97.4	12	31	-	-	0	0	0	0	10950	Reg6	4	-	-	-
Water, Metals, F, Regional																						
Aluminum	SW-846:6010	ug/L	6	0	0	*50*	*50*	*50*	6	100	73.5	-	0	0	0	0	5000	NMGSF	2	-	-	-
Aluminum	SW-846:6010B	ug/L	124	20	16	14.8	39.93	153	104	84	73.5	1	0	0	0	0	5000	NMGSF	4	-	-	-
Antimony	SW-846:6020	ug/L	135	5	4	0.17	0.32	0.44	130	96	1	-	0	0	0	0	6	MCL	4	-	-	-
Arsenic	SW-846:6010	ug/L	6	0	0	*5*	*5*	*5*	6	100	12	-	0	0	0	0	10	MCL	2	-	-	-
Arsenic	SW-846:6010B	ug/L	99	8	8	2.39	3.7225	8.5	91	92	12	-	0	0	1	1	10	MCL	4	-	1	-
Arsenic	SW-846:6020	ug/L	29	9	31	1.6	2.5	4	20	69	12	-	0	0	0	0	10	MCL	4	-	-	-
Barium	SW-846:6010	ug/L	6	6	100	12.6	49.45	118	0	0	56.83	2	0	0	0	0	1000	NMGSF	2	-	-	-
Barium	SW-846:6010B	ug/L	130	130	100	5.3	58.613	260	0	0	56.83	2	0	0	0	0	1000	NMGSF	4	-	-	-
Beryllium	SW-846:6010B	ug/L	60	0	0	*0.158*	*0.7903*	*1*	60	100	0.5	-	0	0	0	0	4	MCL	4	-	-	-
Beryllium	SW-846:6020	ug/L	76	2	3	0.05	0.0715	0.093	74	97	0.5	-	0	0	0	0	4	MCL	3	-	-	-
Boron	SW-846:6010	ug/L	3	0	0	*50*	*50*	*50*	3	100	38.77	-	0	0	0	0	750	NMGSF	1	-	-	-
Boron	SW-846:6010B	ug/L	89	68	76	7.2	18.756	141	21	24	38.77	-	0	0	0	0	750	NMGSF	4	-	-	-
Cadmium	SW-846:6020	ug/L	136	1	1	0.066	0.066	0.066	135	99	0.5	-	0	0	0	0	5	MCL	4	-	-	-
Chromium	SW-846:6010	ug/L	6	1	17	0.875	0.875	0.875	5	83	5.75	-	0	0	0	0	50	NMGSF	2	-	-	-
Chromium	SW-846:6010B	ug/L	99	28	28	0.52	1.3718	2.6	71	72	5.75	-	0	0	0	0	50	NMGSF	3	-	-	-
Chromium	SW-846:6020	ug/L	31	18	58	1.1	2.4389	3.8	13	42	5.75	-	0	0	0	0	50	NMGSF	4	-	-	-
Cobalt	SW-846:6010	ug/L	6	1	17	2.26	2.26	2.26	5	83	7	-	0	0	0	0	50	NMGSF	2	-	-	-
Cobalt	SW-846:6010B	ug/L	130	32	25	0.317	2.7181	7.46	98	75	7	1	0	0	0	0	50	NMGSF	4	-	-	-
Copper	SW-846:6010	ug/L	6	0	0	*5*	*5*	*5*	6	100	5	-	0	0	0	0	1000	NMGSF	2	-	-	-
Copper	SW-846:6010B	ug/L	111	1	1	1.42	1.42	1.42	110	99	5	-	0	0	0	0	1000	NMGSF	4	-	-	-
Iron	SW-846:6010	ug/L	6	5	83	200	6003.8	14800	1	17	147	2	0	3	3	50	1000	NMGSF	2	2	2	CdV-R-15-3, CdV-R-37-2
Iron	SW-846:6010B	ug/L	130	90	69	14.1	3447.6	17200	40	31	147	2	0	32	40	31	1000	NMGSF	4	1	3	CdV-R-37-2
Lead	SW-846:6020	ug/L	136	23	17	0.051	0.2283	1.63	113	83	2.9	-	0	0	0	0	15	MCL	4	-	-	-
Manganese	SW-846:6010B	ug/L	60	41	68	0.647	398.16	3420	19	32	124	2	0	12	21	35	200	NMGSF	4	2	3	CdV-R-15-3, CdV-R-37-2
Manganese	SW-846:6020	ug/L	76	75	99	1	601.8	3720	1	1	124	2	0	33	47	62	200	NMGSF	3	3	3	CdV-R-15-3, CdV-R-37-2, R-25
Mercury	EPA:245.1	ug/L	12	0	0	*0.047*	*0.1235*	*0.2*	12	100	0.26	-	0	0	0	0	2	MCL	2	-	-	-

Table B-5
Screening Table for Water Canyon Watershed (including Cañon de Valle, Potrillo Canyon, and Fence Canyon)

Analyte	Method	Units	No. of Analyses	No. of Detects	D Rate %	Min	Mean	Max	No. of Non-detects	ND Rate %	BV	D> BV	ND> Std	D> Std	D> Std/2	D>Std/2 Rate %	Level	Std Type	Locations with Data (number)	D>Std (number of locations)	D>Std/2 (number of locations)	D>Std Stations
Mercury	EPA:245.2	ug/L	45	0	0	*0.03*	*0.0516*	*0.06*	45	100	0.26	-	0	0	0	0	2	MCL	4	-	-	-
Mercury	SW-846:7470A	ug/L	64	4	6	0.05	0.061	0.08	60	94	0.26	-	0	0	0	0	2	MCL	3	-	-	-
Molybdenum	SW-846:6010	ug/L	1	1	100	0.48	0.48	0.48	0	0	4.4	-	0	0	0	0	1000	NMGSF	1	-	-	-
Molybdenum	SW-846:6010B	ug/L	60	13	22	1.7	7.5154	16.7	47	78	4.4	1	0	0	0	0	1000	NMGSF	4	-	-	-
Molybdenum	SW-846:6020	ug/L	31	26	84	0.499	4.0984	16.7	5	16	4.4	1	0	0	0	0	1000	NMGSF	3	-	-	-
Nickel	SW-846:6010	ug/L	6	2	33	1.66	9.73	17.8	4	67	50	-	0	0	0	0	100	MCL	2	-	-	-
Nickel	SW-846:6010B	ug/L	84	30	36	0.71	5.9851	32.8	54	64	50	-	0	0	0	0	100	MCL	3	-	-	-
Nickel	SW-846:6020	ug/L	45	29	64	0.52	3.9497	30.1	16	36	50	-	0	0	0	0	100	MCL	4	-	-	-
Selenium	SW-846:6010	ug/L	6	0	0	*5*	*5*	*5*	6	100	3.93	-	0	0	0	0	50	NMGSF	2	-	-	-
Selenium	SW-846:6010B	ug/L	70	3	4	3.23	4.41	6.2	67	96	3.93	1	0	0	0	0	50	NMGSF	3	-	-	-
Selenium	SW-846:6020	ug/L	45	1	2	1.1	1.1	1.1	44	98	3.93	-	0	0	0	0	50	NMGSF	4	-	-	-
Silicon	SW-846:6010	ug/L	2	2	100	60900	62600	64300	0	0	-	-	0	0	0	0	-	-	1	-	-	-
Silicon	SW-846:6010B	ug/L	6	6	100	23800	30300	54200	0	0	-	-	0	0	0	0	-	-	2	-	-	-
Silver	SW-846:6010	ug/L	6	0	0	*0.751*	*3.6252*	*5*	6	100	2.5	-	0	0	0	0	50	NMGSF	2	-	-	-
Silver	SW-846:6010B	ug/L	85	4	5	0.311	0.474	0.588	81	95	2.5	-	0	0	0	0	50	NMGSF	3	-	-	-
Silver	SW-846:6020	ug/L	45	0	0	*0.2*	*0.2*	*0.2*	45	100	2.5	-	0	0	0	0	50	NMGSF	4	-	-	-
Strontium	SW-846:6010	ug/L	3	3	100	55.8	205.07	489	0	0	540	-	0	0	0	0	21900	Reg6	1	-	-	-
Strontium	SW-846:6010B	ug/L	89	89	100	39.7	121.62	931	0	0	540	1	0	0	0	0	21900	Reg6	4	-	-	-
Thallium	SW-846:6020	ug/L	136	26	19	0.014	0.356	1.5	110	81	0.83	1	0	0	1	1	2	MCL	4	-	1	-
Tin	SW-846:6010B	ug/L	60	1	2	5.9	5.9	5.9	59	98	3.6	-	0	0	0	0	21900	Reg6	4	-	-	-
Uranium	SW-846:6020	ug/L	88	70	80	0.029	0.3473	0.93	18	20	1.9	-	0	0	0	0	30	NMGSF	4	-	-	-
Vanadium	SW-846:6010	ug/L	6	2	33	3.23	5.06	6.89	4	67	13.41	-	0	0	0	0	182.5	Reg6	2	-	-	-
Vanadium	SW-846:6010B	ug/L	130	65	50	0.66	4.7783	10.1	65	50	13.41	-	0	0	0	0	182.5	Reg6	4	-	-	-
Zinc	SW-846:6010	ug/L	6	2	33	2.97	4.33	5.69	4	67	32	-	0	0	0	0	10000	NMGSF	2	-	-	-
Zinc	SW-846:6010B	ug/L	128	62	48	0.95	6.001	65.6	66	52	32	1	0	0	0	0	10000	NMGSF	4	-	-	-
Water, Metals, UF, Regional																						
Aluminum	SW-846:6010	ug/L	6	0	0	*50*	*50*	*50*	6	100	-	-	0	0	0	0	36500	Reg6	2	-	-	-
Aluminum	SW-846:6010B	ug/L	132	24	18	14.7	55.708	246	108	82	-	-	0	0	0	0	36500	Reg6	4	-	-	-
Antimony	SW-846:6020	ug/L	144	6	4	0.19	0.4188	0.7	138	96	-	-	0	0	0	0	6	MCL	4	-	-	-
Arsenic	SW-846:6010	ug/L	6	1	17	7.62	7.62	7.62	5	83	-	-	0	0	1	17	10	MCL	2	-	1	-
Arsenic	SW-846:6010B	ug/L	108	14	13	2.24	3.39	6.4	94	87	-	-	0	0	1	1	10	MCL	4	-	1	-
Arsenic	SW-846:6020	ug/L	30	8	27	1.9	2.675	4.4	22	73	-	-	0	0	0	0	10	MCL	4	-	-	-
Barium	SW-846:6010	ug/L	6	6	100	11.9	67.85	120	0	0	-	-	0	0	0	0	2000	MCL	2	-	-	-
Barium	SW-846:6010B	ug/L	140	140	100	9.1	58.303	285	0	0	-	-	0	0	0	0	2000	MCL	4	-	-	-
Beryllium	SW-846:6010B	ug/L	68	1	1	0.254	0.254	0.254	67	99	-	-	0	0	0	0	4	MCL	4	-	-	-
Beryllium	SW-846:6020	ug/L	75	0	0	*0.01*	*0.1692*	*0.5*	75	100	-	-	0	0	0	0	4	MCL	3	-	-	-
Boron	SW-846:6010	ug/L	3	2	67	4.71	4.97	5.23	1	33	-	-	0	0	0	0	7300	Reg6	1	-	-	-
Boron	SW-846:6010B	ug/L	99	70	71	6.2	29.461	330	29	29	-	-	0	0	0	0	7300	Reg6	4	-	-	-
Cadmium	SW-846:6020	ug/L	146	4	3	0.05	0.146	0.38	142	97	-	-	0	0	0	0	5	MCL	4	-	-	-
Chromium	SW-846:6010	ug/L	6	6	100	1.64	4.2117	11.6	0	0	-	-	0	0	0	0	100	MCL	2	-	-	-
Chromium	SW-846:6010B	ug/L	108	67	62	0.58	7.4601	139	41	38	-	-	0	1	1	1	100	MCL	3	1	1	R-25
Chromium	SW-846:6020	ug/L	32	23	72	1.3	6.2043	38.2	9	28	-	-	0	0	0	0	100	MCL	4	-	-	-
Cobalt	SW-846:6010	ug/L	6	1	17	1.94	1.94	1.94	5	83	-	-	0	0	0	0	730	Reg6	2	-	-	-
Cobalt	SW-846:6010B	ug/L	140	22	16	0.73	2.6123	12.7	118	84	-	-	0	0	0	0	730	Reg6	4	-	-	-
Copper	SW-846:6010	ug/L	6	0	0	*5*	*5*	*5*	6	100	-	-	0	0	0	0	1300	MCL	2	-	-	-
Copper	SW-846:6010B	ug/L	116	3	3	1.66	9.1533	20.5	113	97	-	-	0	0	0	0	1300	MCL	4	-	-	-
Iron	SW-846:6010	ug/L	6	6	100	163	5803.7	18300	0	0	-	-	0	0	2	33	25550	Reg6	2	-	1	-
Iron	SW-846:6010B	ug/L	140	120	86	17.1	3114.2	21800	20	14	-	-	0	0	17	12	25550	Reg6	4	-	1	-
Lead	SW-846:6020	ug/L	146	47	32	0.051	0.251	2.9	99	68	-	-	0	0	0	0	15	Reg6	4	-	-	-
Manganese	SW-846:6010B	ug/L	70	46	66	1.13	375.48	3300	24	34	-	-	0	4	6	9	1703.09	Reg6	4	1	1	CdV-R-37-2
Manganese	SW-846:6020	ug/L	76	74	97	2.13	605.49	3790	2	3	-	-	0	12	12	16	1703.09	Reg6	3	1	1	CdV-R-37-2
Mercury	EPA:245.1	ug/L	20	0	0	*0.047*	*0.093*	*0.2*	20	100	0.24	-	0	0	0	0	2	NMGSU	3	-	-	-
Mercury	EPA:245.2	ug/L	45	1	2	0.25	0.25	0.25	44	98	0.24	1	0	0	0	0	2	NMGSU	4	-	-	-
Mercury	SW-846:7470A	ug/L	64	2	3	0.058	0.069	0.08	62	97	0.24	-	0	0	0	0	2	NMGSU	3	-	-	-
Molybdenum	SW-846:6010	ug/L	1	1	100	3.36	3.36	3.36	0	0	-	-	0	0	0	0	182.5	Reg6	1	-	-	-
Molybdenum	SW-846:6010B	ug/L	70	22	31	1.52	7.2032	23.8	48	69	-	-	0	0	0	0	182.5	Reg6	4	-	-	-
Molybdenum	SW-846:6020	ug/L	31	28	90	0.53	4.3574	17.2	3	10	-	-	0	0	0	0	182.5	Reg6	3	-	-	-

Table B-5
Screening Table for Water Canyon Watershed (including Cañon de Valle, Potrillo Canyon, and Fence Canyon)

Analyte	Method	Units	No. of Analyses	No. of Detects	D Rate %	Min	Mean	Max	No. of Non-detects	ND Rate %	BV	D> BV	ND> Std	D> Std	D> Std/2	D>Std/2 Rate %	Level	Std Type	Locations with Data (number)	D>Std (number of locations)	D>Std/2 (number of locations)	D>Std Stations
Nickel	SW-846:6010	ug/L	6	6	100	1.29	5.9283	18.4	0	0	-	-	0	0	0	0	100	MCL	2	-	-	-
Nickel	SW-846:6010B	ug/L	91	48	53	0.787	8.6408	91.6	43	47	-	-	0	0	1	1	100	MCL	3	-	1	-
Nickel	SW-846:6020	ug/L	46	37	80	0.53	6.8722	36.3	9	20	-	-	0	0	0	0	100	MCL	4	-	-	-
Selenium	SW-846:6010	ug/L	6	0	0	*5*	*5.8333*	*10*	6	100	4.99	-	0	0	0	0	50	MCL	2	-	-	-
Selenium	SW-846:6010B	ug/L	79	0	0	*2.81*	*4.7528*	*7.3*	79	100	4.99	-	0	0	0	0	50	MCL	3	-	-	-
Selenium	SW-846:6020	ug/L	46	0	0	*1*	*2.2391*	*2.5*	46	100	4.99	-	0	0	0	0	50	MCL	4	-	-	-
Silicon	SW-846:6010	ug/L	2	2	100	51800	58600	65400	0	0	-	-	0	0	0	0	-	-	1	-	-	-
Silicon	SW-846:6010B	ug/L	5	5	100	24600	31380	54800	0	0	-	-	0	0	0	0	-	-	2	-	-	-
Silver	SW-846:6010	ug/L	6	0	0	*1*	*3.6817*	*5*	6	100	2.5	-	0	0	0	0	182.5	Reg6	2	-	-	-
Silver	SW-846:6010B	ug/L	94	2	2	0.594	0.767	0.94	92	98	2.5	-	0	0	0	0	182.5	Reg6	3	-	-	-
Silver	SW-846:6020	ug/L	46	0	0	*0.2*	*0.2*	*0.2*	46	100	2.5	-	0	0	0	0	182.5	Reg6	4	-	-	-
Strontium	SW-846:6010	ug/L	3	3	100	70.7	366.57	515	0	0	-	-	0	0	0	0	21900	Reg6	1	-	-	-
Strontium	SW-846:6010B	ug/L	99	99	100	39.3	120.27	718	0	0	-	-	0	0	0	0	21900	Reg6	4	-	-	-
Thallium	SW-846:6020	ug/L	146	16	11	0.015	0.1905	0.72	130	89	-	-	0	0	0	0	2	MCL	4	-	-	-
Tin	SW-846:6010B	ug/L	70	2	3	2.7	6.75	10.8	68	97	-	-	0	0	0	0	21900	Reg6	4	-	-	-
Titanium	SW-846:6010B	ug/L	2	0	0	*0.325*	*1.2925*	*2.26*	2	100	-	-	0	0	0	0	-	-	1	-	-	-
Uranium	SW-846:6020	ug/L	93	75	81	0.034	0.3442	1.19	18	19	-	-	0	0	0	0	30	MCL	4	-	-	-
Vanadium	SW-846:6010	ug/L	6	2	33	1.16	4.325	7.49	4	67	-	-	0	0	0	0	182.5	Reg6	2	-	-	-
Vanadium	SW-846:6010B	ug/L	140	65	46	0.662	4.7591	9.7	75	54	-	-	0	0	0	0	182.5	Reg6	4	-	-	-
Zinc	SW-846:6010	ug/L	6	2	33	7.85	12.875	17.9	4	67	-	-	0	0	0	0	10950	Reg6	2	-	-	-
Zinc	SW-846:6010B	ug/L	138	98	71	1.38	84.938	7090	40	29	-	-	0	0	1	1	10950	Reg6	4	-	1	-
Water, Dioxin/Furans, UF, Perennial																						
Heptachlorodibenzodioxin[1,2,3,4,6,7,8-]	SW-846:8290	ug/L	13	0	0	*1E-06*	*4E-06*	*7E-06*	13	100	-	-	0	0	0	0	-	-	4	-	-	-
Heptachlorodibenzodioxins (Total)	SW-846:8290	ug/L	13	0	0	*1E-06*	*4E-06*	*7E-06*	13	100	-	-	0	0	0	0	-	-	4	-	-	-
Heptachlorodibenzofuran[1,2,3,4,6,7,8-]	SW-846:8290	ug/L	13	0	0	*6E-07*	*2E-06*	*4E-06*	13	100	-	-	0	0	0	0	-	-	4	-	-	-
Heptachlorodibenzofuran[1,2,3,4,7,8,9-]	SW-846:8290	ug/L	13	0	0	*5E-07*	*2E-06*	*5E-06*	13	100	-	-	0	0	0	0	-	-	4	-	-	-
Heptachlorodibenzofurans (Total)	SW-846:8290	ug/L	13	0	0	*7E-07*	*2E-06*	*4E-06*	13	100	-	-	0	0	0	0	-	-	4	-	-	-
Hexachlorodibenzodioxin[1,2,3,4,7,8-]	SW-846:8290	ug/L	13	0	0	*1E-06*	*3E-06*	*7E-06*	13	100	-	-	0	0	0	0	-	-	4	-	-	-
Hexachlorodibenzodioxin[1,2,3,6,7,8-]	SW-846:8290	ug/L	13	0	0	*1E-06*	*2E-06*	*4E-06*	13	100	-	-	0	0	0	0	-	-	4	-	-	-
Hexachlorodibenzodioxin[1,2,3,7,8,9-]	SW-846:8290	ug/L	13	0	0	*1E-06*	*2E-06*	*4E-06*	13	100	-	-	0	0	0	0	-	-	4	-	-	-
Hexachlorodibenzodioxins (Total)	SW-846:8290	ug/L	13	0	0	*2E-06*	*3E-06*	*5E-06*	13	100	-	-	0	0	0	0	-	-	4	-	-	-
Hexachlorodibenzofuran[1,2,3,4,7,8-]	SW-846:8290	ug/L	13	0	0	*5E-07*	*1E-06*	*3E-06*	13	100	-	-	0	0	0	0	-	-	4	-	-	-
Hexachlorodibenzofuran[1,2,3,6,7,8-]	SW-846:8290	ug/L	13	0	0	*4E-07*	*1E-06*	*3E-06*	13	100	-	-	0	0	0	0	-	-	4	-	-	-
Hexachlorodibenzofuran[1,2,3,7,8,9-]	SW-846:8290	ug/L	13	0	0	*6E-07*	*2E-06*	*4E-06*	13	100	-	-	0	0	0	0	-	-	4	-	-	-
Hexachlorodibenzofuran[2,3,4,6,7,8-]	SW-846:8290	ug/L	13	0	0	*4E-07*	*1E-06*	*3E-06*	13	100	-	-	0	0	0	0	-	-	4	-	-	-
Hexachlorodibenzofurans (Total)	SW-846:8290	ug/L	13	0	0	*5E-07*	*1E-06*	*3E-06*	13	100	-	-	0	0	0	0	-	-	4	-	-	-
Octachlorodibenzodioxin[1,2,3,4,6,7,8,9-]	SW-846:8290	ug/L	12	3	25	3E-06	4E-06	4E-06	9	75	-	-	0	0	0	0	-	-	4	-	-	-
Octachlorodibenzofuran[1,2,3,4,6,7,8,9-]	SW-846:8290	ug/L	13	1	8	2E-06	2E-06	2E-06	12	92	-	-	0	0	0	0	-	-	4	-	-	-
Pentachlorodibenzodioxin[1,2,3,7,8-]	SW-846:8290	ug/L	13	0	0	*8E-07*	*2E-06*	*5E-06*	13	100	-	-	0	0	0	0	-	-	4	-	-	-
Pentachlorodibenzodioxins (Total)	SW-846:8290	ug/L	13	0	0	*9E-07*	*3E-06*	*1E-05*	13	100	-	-	0	0	0	0	-	-	4	-	-	-
Pentachlorodibenzofuran[1,2,3,7,8-]	SW-846:8290	ug/L	13	0	0	*8E-07*	*2E-06*	*5E-06*	13	100	-	-	0	0	0	0	-	-	4	-	-	-
Pentachlorodibenzofuran[2,3,4,7,8-]	SW-846:8290	ug/L	13	0	0	*8E-07*	*2E-06*	*4E-06*	13	100	-	-	0	0	0	0	-	-	4	-	-	-
Pentachlorodibenzofurans (Totals)	SW-846:8290	ug/L	13	0	0	*6E-07*	*2E-06*	*4E-06*	13	100	-	-	0	0	0	0	-	-	4	-	-	-
Tetrachlorodibenzodioxin[2,3,7,8-]	SW-846:8290	ug/L	13	0	0	*5E-07*	*2E-06*	*4E-06*	13	100	-	-	13	0	0	0	0.000000051	HHPU	4	-	-	-
Tetrachlorodibenzodioxins (Total)	SW-846:8290	ug/L	13	0	0	*5E-07*	*2E-06*	*4E-06*	13	100	-	-	0	0	0	0	-	-	4	-	-	-
Tetrachlorodibenzofuran[2,3,7,8-]	SW-846:8290	ug/L	12	1	8	2E-06	2E-06	2E-06	11	92	-	-	0	0	0	0	-	-	4	-	-	-
Tetrachlorodibenzofurans (Totals)	SW-846:8290	ug/L	13	1	8	2E-06	2E-06	2E-06	12	92	-	-	0	0	0	0	-	-	4	-	-	-
Water, Dioxin/Furans, UF, Springs																						
Heptachlorodibenzodioxin[1,2,3,4,6,7,8-]	SW-846:8290	ug/L	6	4	67	9E-07	6E-06	1E-05	2	33	-	-	0	0	0	0	-	-	2	-	-	-
Heptachlorodibenzodioxins (Total)	SW-846:8290	ug/L	6	4	67	1E-06	1E-05	3E-05	2	33	-	-	0	0	0	0	-	-	2	-	-	-
Heptachlorodibenzofuran[1,2,3,4,6,7,8-]	SW-846:8290	ug/L	6	1	17	3E-06	3E-06	3E-06	5	83	-	-	0	0	0	0	-	-	2	-	-	-
Heptachlorodibenzofuran[1,2,3,4,7,8,9-]	SW-846:8290	ug/L	6	0	0	*4E-07*	*2E-06*	*7E-06*	6	100	-	-	0	0	0	0	-	-	2	-	-	-
Heptachlorodibenzofurans (Total)	SW-846:8290	ug/L	6	1	17	7E-06	7E-06	7E-06	5	83	-	-	0	0	0	0	-	-	2	-	-	-
Hexachlorodibenzodioxin[1,2,3,4,7,8-]	SW-846:8290	ug/L	6	0	0	*1E-06*	*4E-06*	*1E-05*	6	100	-	-	0	0	0	0	-	-	2	-	-	-
Hexachlorodibenzodioxin[1,2,3,6,7,8-]	SW-846:8290	ug/L	6	0	0	*2E-06*	*3E-06*	*6E-06*	6	100	-	-	0	0	0	0	-	-	2	-	-	-
Hexachlorodibenzodioxin[1,2,3,7,8,9-]	SW-846:8290	ug/L	6	0	0	*1E-06*	*2E-06*	*5E-06*	6	100	-	-	0	0	0	0	0.000108438	Reg6	2	-	-	-
Hexachlorodibenzodioxins (Total)	SW-846:8290	ug/L	6	0	0	*1E-06*	*3E-06*	*8E-06*	6	100	-	-	0	0	0	0	-	-	2	-	-	-

Table B-5
Screening Table for Water Canyon Watershed (including Cañon de Valle, Potrillo Canyon, and Fence Canyon)

Analyte	Method	Units	No. of Analyses	No. of Detects	D Rate %	Min	Mean	Max	No. of Non-detects	ND Rate %	BV	D> BV	ND> Std	D> Std	D> Std/2	D>Std/2 Rate %	Level	Std Type	Locations with Data (number)	D>Std (number of locations)	D>Std/2 (number of locations)	D>Std Stations
Hexachlorodibenzofuran[1,2,3,4,7,8-]	SW-846:8290	ug/L	6	0	0	4E-07	1E-06	4E-06	6	100	-	-	0	0	0	0	-	-	2	-	-	-
Hexachlorodibenzofuran[1,2,3,6,7,8-]	SW-846:8290	ug/L	6	0	0	4E-07	1E-06	4E-06	6	100	-	-	0	0	0	0	-	-	2	-	-	-
Hexachlorodibenzofuran[1,2,3,7,8,9-]	SW-846:8290	ug/L	6	0	0	5E-07	2E-06	5E-06	6	100	-	-	0	0	0	0	-	-	2	-	-	-
Hexachlorodibenzofuran[2,3,4,6,7,8-]	SW-846:8290	ug/L	6	0	0	4E-07	1E-06	4E-06	6	100	-	-	0	0	0	0	-	-	2	-	-	-
Hexachlorodibenzofurans (Total)	SW-846:8290	ug/L	6	0	0	5E-07	1E-06	4E-06	6	100	-	-	0	0	0	0	-	-	2	-	-	-
Octachlorodibenzodioxin[1,2,3,4,6,7,8,9-]	SW-846:8290	ug/L	6	3	50	2E-05	5E-05	7E-05	3	50	-	-	0	0	0	0	-	-	2	-	-	-
Octachlorodibenzofuran[1,2,3,4,6,7,8,9-]	SW-846:8290	ug/L	6	1	17	7E-06	7E-06	7E-06	5	83	-	-	0	0	0	0	-	-	2	-	-	-
Pentachlorodibenzodioxin[1,2,3,7,8-]	SW-846:8290	ug/L	6	0	0	9E-07	2E-06	6E-06	6	100	-	-	0	0	0	0	-	-	2	-	-	-
Pentachlorodibenzodioxins (Total)	SW-846:8290	ug/L	6	0	0	9E-07	2E-06	6E-06	6	100	-	-	0	0	0	0	-	-	2	-	-	-
Pentachlorodibenzofuran[1,2,3,7,8-]	SW-846:8290	ug/L	6	0	0	8E-07	2E-06	5E-06	6	100	-	-	0	0	0	0	-	-	2	-	-	-
Pentachlorodibenzofuran[2,3,4,7,8-]	SW-846:8290	ug/L	6	0	0	7E-07	2E-06	5E-06	6	100	-	-	0	0	0	0	-	-	2	-	-	-
Pentachlorodibenzofurans (Totals)	SW-846:8290	ug/L	6	0	0	7E-07	2E-06	5E-06	6	100	-	-	0	0	0	0	-	-	2	-	-	-
Tetrachlorodibenzodioxin[2,3,7,8-]	SW-846:8290	ug/L	6	0	0	9E-07	2E-06	5E-06	6	100	-	-	0	0	0	0	0.00003	MCL	2	-	-	-
Tetrachlorodibenzodioxins (Total)	SW-846:8290	ug/L	6	0	0	9E-07	2E-06	5E-06	6	100	-	-	0	0	0	0	-	-	2	-	-	-
Tetrachlorodibenzofuran[2,3,7,8-]	SW-846:8290	ug/L	6	0	0	7E-07	2E-06	6E-06	6	100	-	-	0	0	0	0	-	-	2	-	-	-
Tetrachlorodibenzofurans (Totals)	SW-846:8290	ug/L	6	0	0	7E-07	2E-06	6E-06	6	100	-	-	0	0	0	0	-	-	2	-	-	-
Water, Dioxin/Furans, UF, Alluvial																						
Heptachlorodibenzodioxin[1,2,3,4,6,7,8-]	SW-846:8290	ug/L	9	0	0	1E-06	2E-06	5E-06	9	100	-	-	0	0	0	0	-	-	3	-	-	-
Heptachlorodibenzodioxins (Total)	SW-846:8290	ug/L	9	1	11	2E-06	2E-06	2E-06	8	89	-	-	0	0	0	0	-	-	3	-	-	-
Heptachlorodibenzofuran[1,2,3,4,6,7,8-]	SW-846:8290	ug/L	9	0	0	6E-07	1E-06	3E-06	9	100	-	-	0	0	0	0	-	-	3	-	-	-
Heptachlorodibenzofuran[1,2,3,4,7,8,9-]	SW-846:8290	ug/L	9	0	0	6E-07	1E-06	4E-06	9	100	-	-	0	0	0	0	-	-	3	-	-	-
Heptachlorodibenzofurans (Total)	SW-846:8290	ug/L	9	0	0	6E-07	1E-06	4E-06	9	100	-	-	0	0	0	0	-	-	3	-	-	-
Hexachlorodibenzodioxin[1,2,3,4,7,8-]	SW-846:8290	ug/L	9	0	0	8E-07	2E-06	6E-06	9	100	-	-	0	0	0	0	-	-	3	-	-	-
Hexachlorodibenzodioxin[1,2,3,6,7,8-]	SW-846:8290	ug/L	9	0	0	8E-07	2E-06	3E-06	9	100	-	-	0	0	0	0	-	-	3	-	-	-
Hexachlorodibenzodioxin[1,2,3,7,8,9-]	SW-846:8290	ug/L	9	0	0	8E-07	2E-06	3E-06	9	100	-	-	0	0	0	0	0.000108438	Reg6	3	-	-	-
Hexachlorodibenzodioxins (Total)	SW-846:8290	ug/L	9	0	0	8E-07	2E-06	5E-06	9	100	-	-	0	0	0	0	-	-	3	-	-	-
Hexachlorodibenzofuran[1,2,3,4,7,8-]	SW-846:8290	ug/L	9	0	0	3E-07	7E-07	3E-06	9	100	-	-	0	0	0	0	-	-	3	-	-	-
Hexachlorodibenzofuran[1,2,3,6,7,8-]	SW-846:8290	ug/L	9	0	0	3E-07	7E-07	3E-06	9	100	-	-	0	0	0	0	-	-	3	-	-	-
Hexachlorodibenzofuran[1,2,3,7,8,9-]	SW-846:8290	ug/L	9	0	0	4E-07	1E-06	4E-06	9	100	-	-	0	0	0	0	-	-	3	-	-	-
Hexachlorodibenzofuran[2,3,4,6,7,8-]	SW-846:8290	ug/L	9	0	0	2E-07	7E-07	3E-06	9	100	-	-	0	0	0	0	-	-	3	-	-	-
Hexachlorodibenzofurans (Total)	SW-846:8290	ug/L	9	0	0	3E-07	8E-07	3E-06	9	100	-	-	0	0	0	0	-	-	3	-	-	-
Octachlorodibenzodioxin[1,2,3,4,6,7,8,9-]	SW-846:8290	ug/L	6	3	50	2E-06	3E-06	3E-06	3	50	-	-	0	0	0	0	-	-	3	-	-	-
Octachlorodibenzofuran[1,2,3,4,6,7,8,9-]	SW-846:8290	ug/L	9	0	0	1E-06	3E-06	8E-06	9	100	-	-	0	0	0	0	-	-	3	-	-	-
Pentachlorodibenzodioxin[1,2,3,7,8-]	SW-846:8290	ug/L	9	0	0	8E-07	2E-06	5E-06	9	100	-	-	0	0	0	0	-	-	3	-	-	-
Pentachlorodibenzodioxins (Total)	SW-846:8290	ug/L	9	0	0	8E-07	2E-06	5E-06	9	100	-	-	0	0	0	0	-	-	3	-	-	-
Pentachlorodibenzofuran[1,2,3,7,8-]	SW-846:8290	ug/L	9	0	0	6E-07	1E-06	3E-06	9	100	-	-	0	0	0	0	-	-	3	-	-	-
Pentachlorodibenzofuran[2,3,4,7,8-]	SW-846:8290	ug/L	9	0	0	6E-07	1E-06	3E-06	9	100	-	-	0	0	0	0	-	-	3	-	-	-
Pentachlorodibenzofurans (Totals)	SW-846:8290	ug/L	9	0	0	6E-07	1E-06	3E-06	9	100	-	-	0	0	0	0	-	-	3	-	-	-
Tetrachlorodibenzodioxin[2,3,7,8-]	SW-846:8290	ug/L	9	0	0	8E-07	1E-06	4E-06	9	100	-	-	0	0	0	0	0.00003	MCL	3	-	-	-
Tetrachlorodibenzodioxins (Total)	SW-846:8290	ug/L	9	0	0	8E-07	1E-06	4E-06	9	100	-	-	0	0	0	0	-	-	3	-	-	-
Tetrachlorodibenzofuran[2,3,7,8-]	SW-846:8290	ug/L	9	0	0	7E-07	1E-06	4E-06	9	100	-	-	0	0	0	0	-	-	3	-	-	-
Tetrachlorodibenzofurans (Totals)	SW-846:8290	ug/L	9	0	0	7E-07	1E-06	4E-06	9	100	-	-	0	0	0	0	-	-	3	-	-	-
Water, DRO, UF, Regional																						
Diesel Range Organics	SW-846:8015B	ug/L	2	0	0	51	51	51	2	100	-	-	0	0	0	0	-	-	1	-	-	-
Water, Herbicides, UF, Perennial																						
D[2,4-]	SW-846:8151A	ug/L	5	0	0	0.255	0.2582	0.26	5	100	-	-	0	0	0	0	-	-	3	-	-	-
Dalapon	SW-846:8151A	ug/L	5	0	0	5.1	5.164	5.21	5	100	-	-	0	0	0	0	-	-	3	-	-	-
DB[2,4-]	SW-846:8151A	ug/L	5	0	0	0.255	0.2582	0.26	5	100	-	-	0	0	0	0	-	-	3	-	-	-
Dicamba	SW-846:8151A	ug/L	5	0	0	0.255	0.2582	0.26	5	100	-	-	0	0	0	0	-	-	3	-	-	-
Dichlorprop	SW-846:8151A	ug/L	5	0	0	0.255	0.2582	0.26	5	100	-	-	0	0	0	0	-	-	3	-	-	-
Dinoseb	SW-846:8151A	ug/L	5	0	0	0.255	0.2582	0.26	5	100	-	-	0	0	0	0	-	-	3	-	-	-
MCPA	SW-846:8151A	ug/L	5	0	0	51	51.64	52.1	5	100	-	-	0	0	0	0	-	-	3	-	-	-
MCPP	SW-846:8151A	ug/L	5	0	0	51	51.64	52.1	5	100	-	-	0	0	0	0	-	-	3	-	-	-
T[2,4,5-]	SW-846:8151A	ug/L	5	0	0	0.255	0.2582	0.26	5	100	-	-	0	0	0	0	-	-	3	-	-	-
TP[2,4,5-]	SW-846:8151A	ug/L	5	0	0	0.255	0.2582	0.26	5	100	-	-	0	0	0	0	-	-	3	-	-	-
Water, Herbicides, UF, Springs																						
D[2,4-]	SW-846:8151A	ug/L	10	0	0	0.25	0.2654	0.278	10	100	-	-	0	0	0	0	70	MCL	6	-	-	-

Table B-5
Screening Table for Water Canyon Watershed (including Cañon de Valle, Potrillo Canyon, and Fence Canyon)

Analyte	Method	Units	No. of Analyses	No. of Detects	D Rate %	Min	Mean	Max	No. of Non-detects	ND Rate %	BV	D> BV	ND> Std	D> Std	D> Std/2	D>Std/2 Rate %	Level	Std Type	Locations with Data (number)	D>Std (number of locations)	D>Std/2 (number of locations)	D>Std Stations
Dalapon	SW-846:8151A	ug/L	10	0	0	5	5.306	5.56	10	100	-	-	0	0	0	0	200	MCL	6	-	-	-
DB[2,4-]	SW-846:8151A	ug/L	10	0	0	0.25	0.2654	0.278	10	100	-	-	0	0	0	0	292	Reg6	6	-	-	-
Dicamba	SW-846:8151A	ug/L	10	0	0	0.25	0.2654	0.278	10	100	-	-	0	0	0	0	1095	Reg6	6	-	-	-
Dichlorprop	SW-846:8151A	ug/L	10	0	0	0.25	0.2654	0.278	10	100	-	-	0	0	0	0	-	-	6	-	-	-
Dinoseb	SW-846:8151A	ug/L	10	0	0	0.25	0.2654	0.278	10	100	-	-	0	0	0	0	7	MCL	6	-	-	-
MCPA	SW-846:8151A	ug/L	10	0	0	50	53.06	55.6	10	100	-	-	10	0	0	0	18.25	Reg6	6	-	-	-
MCPP	SW-846:8151A	ug/L	10	0	0	50	53.06	55.6	10	100	-	-	10	0	0	0	36.5	Reg6	6	-	-	-
T[2,4,5-]	SW-846:8151A	ug/L	10	0	0	0.25	0.2654	0.278	10	100	-	-	0	0	0	0	365	Reg6	6	-	-	-
TP[2,4,5-]	SW-846:8151A	ug/L	10	0	0	0.25	0.2654	0.278	10	100	-	-	0	0	0	0	50	MCL	6	-	-	-
Water, Herbicides, UF, Alluvial																						
D[2,4-]	SW-846:8151A	ug/L	12	0	0	0.258	0.2853	0.5	12	100	-	-	0	0	0	0	70	MCL	7	-	-	-
Dalapon	SW-846:8151A	ug/L	12	0	0	5.15	5.705	10	12	100	-	-	0	0	0	0	200	MCL	7	-	-	-
DB[2,4-]	SW-846:8151A	ug/L	12	2	17	0.167	0.17	0.173	10	83	-	-	0	0	0	0	292	Reg6	7	-	-	-
Dicamba	SW-846:8151A	ug/L	12	0	0	0.258	0.2853	0.5	12	100	-	-	0	0	0	0	1095	Reg6	7	-	-	-
Dichlorprop	SW-846:8151A	ug/L	12	0	0	0.258	0.2853	0.5	12	100	-	-	0	0	0	0	-	-	7	-	-	-
Dinoseb	SW-846:8151A	ug/L	12	0	0	0.258	0.2853	0.5	12	100	-	-	0	0	0	0	7	MCL	7	-	-	-
MCPA	SW-846:8151A	ug/L	12	0	0	51.5	57.05	100	12	100	-	-	12	0	0	0	18.25	Reg6	7	-	-	-
MCPP	SW-846:8151A	ug/L	12	0	0	51.5	57.05	100	12	100	-	-	12	0	0	0	36.5	Reg6	7	-	-	-
T[2,4,5-]	SW-846:8151A	ug/L	12	0	0	0.258	0.2853	0.5	12	100	-	-	0	0	0	0	365	Reg6	7	-	-	-
TP[2,4,5-]	SW-846:8151A	ug/L	12	0	0	0.258	0.2853	0.5	12	100	-	-	0	0	0	0	50	MCL	7	-	-	-
Water, Herbicides, UF, Intermediate																						
D[2,4-]	SW-846:8151A	ug/L	8	0	0	0.25	0.2621	0.275	8	100	-	-	0	0	0	0	70	MCL	4	-	-	-
Dalapon	SW-846:8151A	ug/L	8	0	0	5	5.24	5.49	8	100	-	-	0	0	0	0	200	MCL	4	-	-	-
DB[2,4-]	SW-846:8151A	ug/L	8	0	0	0.25	0.2621	0.275	8	100	-	-	0	0	0	0	292	Reg6	4	-	-	-
Dicamba	SW-846:8151A	ug/L	8	0	0	0.25	0.2621	0.275	8	100	-	-	0	0	0	0	1095	Reg6	4	-	-	-
Dichlorprop	SW-846:8151A	ug/L	8	0	0	0.25	0.2621	0.275	8	100	-	-	0	0	0	0	-	-	4	-	-	-
Dinoseb	SW-846:8151A	ug/L	8	0	0	0.25	0.2621	0.275	8	100	-	-	0	0	0	0	7	MCL	4	-	-	-
MCPA	SW-846:8151A	ug/L	8	0	0	50	52.4	54.9	8	100	-	-	8	0	0	0	18.25	Reg6	4	-	-	-
MCPP	SW-846:8151A	ug/L	8	0	0	50	52.4	54.9	8	100	-	-	8	0	0	0	36.5	Reg6	4	-	-	-
T[2,4,5-]	SW-846:8151A	ug/L	8	0	0	0.25	0.2621	0.275	8	100	-	-	0	0	0	0	365	Reg6	4	-	-	-
TP[2,4,5-]	SW-846:8151A	ug/L	8	0	0	0.25	0.2621	0.275	8	100	-	-	0	0	0	0	50	MCL	4	-	-	-
Water, Herbicides, UF, Regional																						
D[2,4-]	SW-846:8151A	ug/L	21	0	0	0.255	0.3038	0.595	21	100	-	-	0	0	0	0	70	MCL	4	-	-	-
Dalapon	SW-846:8151A	ug/L	21	0	0	5.1	6.0743	11.9	21	100	-	-	0	0	0	0	200	MCL	4	-	-	-
DB[2,4-]	SW-846:8151A	ug/L	21	0	0	0.255	0.3038	0.595	21	100	-	-	0	0	0	0	292	Reg6	4	-	-	-
Dicamba	SW-846:8151A	ug/L	21	0	0	0.255	0.3038	0.595	21	100	-	-	0	0	0	0	1095	Reg6	4	-	-	-
Dichlorprop	SW-846:8151A	ug/L	21	0	0	0.255	0.3038	0.595	21	100	-	-	0	0	0	0	-	-	4	-	-	-
Dinoseb	SW-846:8151A	ug/L	21	0	0	0.255	0.3038	0.595	21	100	-	-	0	0	0	0	7	MCL	4	-	-	-
MCPA	SW-846:8151A	ug/L	21	0	0	51	60.743	119	21	100	-	-	21	0	0	0	18.25	Reg6	4	-	-	-
MCPP	SW-846:8151A	ug/L	21	0	0	51	60.743	119	21	100	-	-	21	0	0	0	36.5	Reg6	4	-	-	-
T[2,4,5-]	SW-846:8151A	ug/L	21	0	0	0.255	0.3038	0.595	21	100	-	-	0	0	0	0	365	Reg6	4	-	-	-
TP[2,4,5-]	SW-846:8151A	ug/L	21	0	0	0.255	0.3038	0.595	21	100	-	-	0	0	0	0	50	MCL	4	-	-	-
Water, High Explosives, UF, Perennial																						
2,4-Diamino-6-nitrotoluene	SW-846:8321A_MOD	ug/L	13	0	0	1.3	1.3	1.3	13	100	-	-	0	0	0	0	-	-	4	-	-	-
2,6-Diamino-4-nitrotoluene	SW-846:8321A_MOD	ug/L	13	0	0	1.3	1.3	1.3	13	100	-	-	0	0	0	0	-	-	4	-	-	-
3,5-Dinitroaniline	SW-846:8321A_MOD	ug/L	13	0	0	1.3	1.3	1.3	13	100	-	-	0	0	0	0	-	-	4	-	-	-
Amino-2,6-dinitrotoluene[4-]	SW-846:8321A_MOD	ug/L	13	4	31	0.15	0.3723	0.87	9	69	-	-	0	0	0	0	-	-	4	-	-	-
Amino-2,6-dinitrotoluene[4-]	SW-846:8330	ug/L	1	1	100	2.7	2.7	2.7	0	0	-	-	0	0	0	0	-	-	1	-	-	-
Amino-4,6-dinitrotoluene[2-]	SW-846:8321A_MOD	ug/L	13	6	46	0.121	0.2883	0.78	7	54	-	-	0	0	0	0	-	-	4	-	-	-
Amino-4,6-dinitrotoluene[2-]	SW-846:8330	ug/L	1	1	100	2.5	2.5	2.5	0	0	-	-	0	0	0	0	-	-	1	-	-	-
Dinitrobenzene[1,3-]	SW-846:8321A_MOD	ug/L	13	0	0	0.325	0.325	0.325	13	100	-	-	0	0	0	0	-	-	4	-	-	-
Dinitrobenzene[1,3-]	SW-846:8330	ug/L	1	0	0	0.65	0.65	0.65	1	100	-	-	0	0	0	0	-	-	1	-	-	-
Dinitrotoluene[2,4-]	SW-846:8321A_MOD	ug/L	13	0	0	0.325	0.325	0.325	13	100	-	-	0	0	0	0	-	-	4	-	-	-
Dinitrotoluene[2,4-]	SW-846:8330	ug/L	1	0	0	0.65	0.65	0.65	1	100	-	-	0	0	0	0	-	-	1	-	-	-
Dinitrotoluene[2,6-]	SW-846:8321A_MOD	ug/L	13	0	0	0.325	0.325	0.325	13	100	-	-	0	0	0	0	-	-	4	-	-	-
Dinitrotoluene[2,6-]	SW-846:8330	ug/L	1	0	0	0.65	0.65	0.65	1	100	-	-	0	0	0	0	-	-	1	-	-	-
DNX	SW-846:8330	ug/L	13	4	31	0.32	0.4325	0.55	9	69	-	-	0	0	0	0	-	-	4	-	-	-

Table B-5
Screening Table for Water Canyon Watershed (including Cañon de Valle, Potrillo Canyon, and Fence Canyon)

Analyte	Method	Units	No. of Analyses	No. of Detects	D Rate %	Min	Mean	Max	No. of Non-detects	ND Rate %	BV	D> BV	ND> Std	D> Std	D> Std/2	D>Std/2 Rate %	Level	Std Type	Locations with Data (number)	D>Std (number of locations)	D>Std/2 (number of locations)	D>Std Stations
HMX	SW-846:8321A_MOD	ug/L	13	6	46	0.142	3.6947	12.8	7	54	-	-	0	0	0	0	-	-	4	-	-	-
HMX	SW-846:8330	ug/L	1	1	100	52.3	52.3	52.3	0	0	-	-	0	0	0	0	-	-	1	-	-	-
MNX	SW-846:8330	ug/L	13	4	31	0.32	0.85	1.3	9	69	-	-	0	0	0	0	-	-	4	-	-	-
Nitrobenzene	SW-846:8321A_MOD	ug/L	13	0	0	*0.325*	*0.325*	*0.325*	13	100	-	-	0	0	0	0	-	-	4	-	-	-
Nitrobenzene	SW-846:8330	ug/L	1	0	0	*0.65*	*0.65*	*0.65*	1	100	-	-	0	0	0	0	-	-	1	-	-	-
Nitrotoluene[2-]	SW-846:8321A_MOD	ug/L	13	0	0	*0.325*	*0.325*	*0.325*	13	100	-	-	0	0	0	0	-	-	4	-	-	-
Nitrotoluene[2-]	SW-846:8330	ug/L	1	0	0	*0.65*	*0.65*	*0.65*	1	100	-	-	0	0	0	0	-	-	1	-	-	-
Nitrotoluene[3-]	SW-846:8321A_MOD	ug/L	13	0	0	*0.325*	*0.325*	*0.325*	13	100	-	-	0	0	0	0	-	-	4	-	-	-
Nitrotoluene[3-]	SW-846:8330	ug/L	1	0	0	*0.65*	*0.65*	*0.65*	1	100	-	-	0	0	0	0	-	-	1	-	-	-
Nitrotoluene[4-]	SW-846:8321A_MOD	ug/L	13	0	0	*0.649*	*0.649*	*0.649*	13	100	-	-	0	0	0	0	-	-	4	-	-	-
Nitrotoluene[4-]	SW-846:8330	ug/L	1	0	0	*0.65*	*0.65*	*0.65*	1	100	-	-	0	0	0	0	-	-	1	-	-	-
PETN	SW-846:8321A_MOD	ug/L	13	0	0	*1.3*	*1.3*	*1.3*	13	100	-	-	0	0	0	0	-	-	4	-	-	-
RDX	SW-846:8321A_MOD	ug/L	13	5	38	0.13	7.575	17.3	8	62	-	-	0	0	0	0	-	-	4	-	-	-
RDX	SW-846:8330	ug/L	1	1	100	55.2	55.2	55.2	0	0	-	-	0	0	0	0	-	-	1	-	-	-
TATB	SW-846:8321A_MOD	ug/L	13	0	0	*1.3*	*1.3*	*1.3*	13	100	-	-	0	0	0	0	-	-	4	-	-	-
Tetryl	SW-846:8321A_MOD	ug/L	13	0	0	*0.649*	*0.649*	*0.649*	13	100	-	-	0	0	0	0	-	-	4	-	-	-
TNX	SW-846:8330	ug/L	13	4	31	0.44	1.0725	1.7	9	69	-	-	0	0	0	0	-	-	4	-	-	-
Trinitrobenzene[1,3,5-]	SW-846:8321A_MOD	ug/L	13	0	0	*0.325*	*0.325*	*0.325*	13	100	-	-	0	0	0	0	-	-	4	-	-	-
Trinitrobenzene[1,3,5-]	SW-846:8330	ug/L	1	0	0	*0.65*	*0.65*	*0.65*	1	100	-	-	0	0	0	0	-	-	1	-	-	-
Trinitrotoluene[2,4,6-]	SW-846:8321A_MOD	ug/L	13	0	0	*0.325*	*0.325*	*0.325*	13	100	-	-	0	0	0	0	-	-	4	-	-	-
Trinitrotoluene[2,4,6-]	SW-846:8330	ug/L	1	0	0	*0.65*	*0.65*	*0.65*	1	100	-	-	0	0	0	0	-	-	1	-	-	-
Tris (o-cresyl) phosphate	SW-846:8321A_MOD	ug/L	13	0	0	*1.3*	*1.3*	*1.3*	13	100	-	-	0	0	0	0	-	-	4	-	-	-
Water, High Explosives, UF, Springs																						
2,4-Diamino-6-nitrotoluene	SW-846:8321A_MOD	ug/L	37	0	0	*1.3*	*1.3*	*1.3*	37	100	-	-	0	0	0	0	-	-	7	-	-	-
2,6-Diamino-4-nitrotoluene	SW-846:8321A_MOD	ug/L	35	1	3	0.191	0.191	0.191	34	97	-	-	0	0	0	0	-	-	7	-	-	-
3,5-Dinitroaniline	SW-846:8321A_MOD	ug/L	37	0	0	*1.3*	*1.3*	*1.3*	37	100	-	-	0	0	0	0	-	-	7	-	-	-
Amino-2,6-dinitrotoluene[4-]	SW-846:8321A_MOD	ug/L	53	38	72	0.117	0.7409	2.2	15	28	-	-	0	0	0	0	-	-	7	-	-	-
Amino-2,6-dinitrotoluene[4-]	SW-846:8330	ug/L	22	9	41	0.19	1.6391	3.2	13	59	-	-	0	0	0	0	-	-	3	-	-	-
Amino-4,6-dinitrotoluene[2-]	SW-846:8321A_MOD	ug/L	53	35	66	0.12	0.6397	1.93	18	34	-	-	0	0	0	0	-	-	7	-	-	-
Amino-4,6-dinitrotoluene[2-]	SW-846:8330	ug/L	22	10	45	0.2	1.1274	2.4	12	55	-	-	0	0	0	0	-	-	3	-	-	-
Dinitrobenzene[1,3-]	SW-846:8321A_MOD	ug/L	53	0	0	*0.104*	*0.502*	*4.87*	53	100	-	-	1	0	0	0	3.65	Reg6	7	-	-	-
Dinitrobenzene[1,3-]	SW-846:8330	ug/L	22	0	0	*0.021*	*0.1686*	*1*	22	100	-	-	0	0	0	0	3.65	Reg6	3	-	-	-
Dinitrotoluene[2,4-]	SW-846:8321A_MOD	ug/L	53	2	4	0.0418	0.0799	0.118	51	96	-	-	0	0	0	0	-	-	7	-	-	-
Dinitrotoluene[2,4-]	SW-846:8330	ug/L	22	0	0	*0.029*	*0.19*	*1*	22	100	-	-	0	0	0	0	-	-	3	-	-	-
Dinitrotoluene[2,6-]	SW-846:8321A_MOD	ug/L	53	3	6	0.02	0.0439	0.09	50	94	-	-	0	0	0	0	-	-	7	-	-	-
Dinitrotoluene[2,6-]	SW-846:8330	ug/L	22	1	5	0.14	0.14	0.14	21	95	-	-	0	0	0	0	-	-	3	-	-	-
DNX	SW-846:8330	ug/L	47	12	26	0.091	0.2351	0.37	35	74	-	-	0	0	0	0	-	-	8	-	-	-
HMX	SW-846:8321A_MOD	ug/L	55	48	87	0.243	6.7912	36.6	7	13	-	-	0	0	0	0	1825	Reg6	7	-	-	-
HMX	SW-846:8330	ug/L	21	19	90	1.51	8.6605	22.8	2	10	-	-	0	0	0	0	1825	Reg6	3	-	-	-
MNX	SW-846:8330	ug/L	47	23	49	0.055	0.3759	1.1	24	51	-	-	0	0	0	0	-	-	8	-	-	-
Nitrobenzene	SW-846:8321A_MOD	ug/L	53	0	0	*0.104*	*0.7364*	*9.74*	53	100	-	-	0	0	0	0	-	-	7	-	-	-
Nitrobenzene	SW-846:8330	ug/L	22	0	0	*0.1*	*0.1822*	*1*	22	100	-	-	0	0	0	0	-	-	3	-	-	-
Nitrotoluene[2-]	SW-846:8321A_MOD	ug/L	53	0	0	*0.104*	*0.502*	*4.87*	53	100	-	-	1	0	0	0	2.92311	Reg6	7	-	-	-
Nitrotoluene[2-]	SW-846:8330	ug/L	22	0	0	*0.1*	*0.1822*	*1*	22	100	-	-	0	0	0	0	2.92311	Reg6	3	-	-	-
Nitrotoluene[3-]	SW-846:8321A_MOD	ug/L	53	0	0	*0.104*	*0.502*	*4.87*	53	100	-	-	0	0	0	0	121.6667	Reg6	7	-	-	-
Nitrotoluene[3-]	SW-846:8330	ug/L	22	0	0	*0.1*	*0.1822*	*1*	22	100	-	-	0	0	0	0	121.6667	Reg6	3	-	-	-
Nitrotoluene[4-]	SW-846:8321A_MOD	ug/L	53	0	0	*0.104*	*0.9995*	*9.74*	53	100	-	-	0	0	0	0	39.54796	Reg6	7	-	-	-
Nitrotoluene[4-]	SW-846:8330	ug/L	22	0	0	*0.1*	*0.1822*	*1*	22	100	-	-	0	0	0	0	39.54796	Reg6	3	-	-	-
PETN	SW-846:8321A_MOD	ug/L	37	0	0	*1.3*	*1.3*	*1.3*	37	100	-	-	0	0	0	0	-	-	7	-	-	-
PETN	SW-846:8330	ug/L	3	0	0	*0.1*	*0.8367*	*2.1*	3	100	-	-	0	0	0	0	-	-	2	-	-	-
RDX	SW-846:8321A_MOD	ug/L	55	47	85	0.158	40.29	181	8	15	-	-	0	38	40	73	6.111958	Reg6	7	4	4	Burning Ground Spring, Martin Spring, Peter Spring, SWSC Spring

Table B-5
Screening Table for Water Canyon Watershed (including Cañon de Valle, Potrillo Canyon, and Fence Canyon)

Analyte	Method	Units	No. of Analyses	No. of Detects	D Rate %	Min	Mean	Max	No. of Non-detects	ND Rate %	BV	D> BV	ND> Std	D> Std	D> Std/2	D>Std/2 Rate %	Level	Std Type	Locations with Data (number)	D>Std (number of locations)	D>Std/2 (number of locations)	D>Std Stations
RDX	SW-846:8330	ug/L	22	16	73	17.4	81.775	187	6	27	-	-	5	16	16	73	6.111958	Reg6	3	2	2	Burning Ground Spring, Martin Spring
TATB	SW-846:8321A_MOD	ug/L	37	0	0	1.3	1.3	1.3	37	100	-	-	0	0	0	0	-	-	7	-	-	-
Tetryl	SW-846:8321A_MOD	ug/L	43	0	0	0.104	0.7995	4.87	43	100	-	-	0	0	0	0	146	Reg6	7	-	-	-
Tetryl	SW-846:8330	ug/L	22	0	0	0.1	0.1972	1	22	100	-	-	0	0	0	0	146	Reg6	3	-	-	-
TNX	SW-846:8330	ug/L	47	17	36	0.19	0.4288	1.1	30	64	-	-	0	0	0	0	-	-	8	-	-	-
Trinitrobenzene[1,3,5-]	SW-846:8321A_MOD	ug/L	53	25	47	0.118	0.3725	1.18	28	53	-	-	0	0	0	0	1095	Reg6	7	-	-	-
Trinitrobenzene[1,3,5-]	SW-846:8330	ug/L	22	10	45	0.407	0.854	1.9	12	55	-	-	0	0	0	0	1095	Reg6	3	-	-	-
Trinitrotoluene[2,4,6-]	SW-846:8321A_MOD	ug/L	53	19	36	0.0874	0.8242	3.41	34	64	-	-	0	0	0	0	22.41051	Reg6	7	-	-	-
Trinitrotoluene[2,4,6-]	SW-846:8330	ug/L	22	3	14	1.54	3.31	6.6	19	86	-	-	0	0	0	0	22.41051	Reg6	3	-	-	-
Tris (o-cresyl) phosphate	SW-846:8321A_MOD	ug/L	32	0	0	1.3	1.3	1.3	32	100	-	-	0	0	0	0	-	-	7	-	-	-
Water, High Explosives, UF, Alluvial																						
2,4-Diamino-6-nitrotoluene	SW-846:8321A(M)	ug/L	1	0	0	1.3	1.3	1.3	1	100	-	-	0	0	0	0	-	-	1	-	-	-
2,4-Diamino-6-nitrotoluene	SW-846:8321A_MOD	ug/L	46	0	0	1.3	1.3	1.3	46	100	-	-	0	0	0	0	-	-	10	-	-	-
2,6-Diamino-4-nitrotoluene	SW-846:8321A(M)	ug/L	1	0	0	1.3	1.3	1.3	1	100	-	-	0	0	0	0	-	-	1	-	-	-
2,6-Diamino-4-nitrotoluene	SW-846:8321A_MOD	ug/L	46	0	0	1.3	1.3	1.3	46	100	-	-	0	0	0	0	-	-	10	-	-	-
3,5-Dinitroaniline	SW-846:8321A(M)	ug/L	1	0	0	2.6	2.6	2.6	1	100	-	-	0	0	0	0	-	-	1	-	-	-
3,5-Dinitroaniline	SW-846:8321A_MOD	ug/L	46	0	0	1.3	1.3	1.3	46	100	-	-	0	0	0	0	-	-	10	-	-	-
Amino-2,6-dinitrotoluene[4-]	SW-846:8321A_MOD	ug/L	80	28	35	0.0727	2.2065	4.82	52	65	-	-	0	0	0	0	-	-	11	-	-	-
Amino-2,6-dinitrotoluene[4-]	SW-846:8330	ug/L	34	11	32	0.0851	2.0201	6.3	23	68	-	-	0	0	0	0	-	-	6	-	-	-
Amino-4,6-dinitrotoluene[2-]	SW-846:8321A_MOD	ug/L	80	24	30	0.044	2.41	4.83	56	70	-	-	0	0	0	0	-	-	11	-	-	-
Amino-4,6-dinitrotoluene[2-]	SW-846:8330	ug/L	34	8	24	0.66	1.9175	4.2	26	76	-	-	0	0	0	0	-	-	6	-	-	-
Dinitrobenzene[1,3-]	SW-846:8321A_MOD	ug/L	80	0	0	0.104	0.4391	2.44	80	100	-	-	0	0	0	0	3.65	Reg6	11	-	-	-
Dinitrobenzene[1,3-]	SW-846:8330	ug/L	34	0	0	0.074	0.2068	1	34	100	-	-	0	0	0	0	3.65	Reg6	6	-	-	-
Dinitrotoluene[2,4-]	SW-846:8321A_MOD	ug/L	80	1	1	0.0522	0.0522	0.0522	79	99	-	-	0	0	0	0	-	-	11	-	-	-
Dinitrotoluene[2,4-]	SW-846:8330	ug/L	34	0	0	0.1	0.2076	1	34	100	-	-	0	0	0	0	-	-	6	-	-	-
Dinitrotoluene[2,6-]	SW-846:8321A_MOD	ug/L	80	2	3	0.0922	0.1271	0.162	78	98	-	-	0	0	0	0	-	-	11	-	-	-
Dinitrotoluene[2,6-]	SW-846:8330	ug/L	34	0	0	0.092	0.2079	1	34	100	-	-	0	0	0	0	-	-	6	-	-	-
DNX	SW-846:8330	ug/L	63	9	14	0.096	0.4673	1.2	54	86	-	-	0	0	0	0	-	-	11	-	-	-
HMX	SW-846:8321A(M)	ug/L	1	1	100	9.65	9.65	9.65	0	0	-	-	0	0	0	0	1825	Reg6	1	-	-	-
HMX	SW-846:8321A_MOD	ug/L	84	68	81	0.0559	21.762	364	16	19	-	-	0	0	0	0	1825	Reg6	11	-	-	-
HMX	SW-846:8330	ug/L	34	24	71	0.198	25.937	91.3	10	29	-	-	0	0	0	0	1825	Reg6	6	-	-	-
MNX	SW-846:8330	ug/L	63	18	29	0.1	1.8939	15	45	71	-	-	0	0	0	0	-	-	11	-	-	-
Nitrobenzene	SW-846:8321A_MOD	ug/L	80	0	0	0.104	0.6763	4.87	80	100	-	-	0	0	0	0	-	-	11	-	-	-
Nitrobenzene	SW-846:8330	ug/L	34	0	0	0.1	0.2076	1	34	100	-	-	0	0	0	0	-	-	6	-	-	-
Nitrotoluene[2-]	SW-846:8321A_MOD	ug/L	79	1	1	0.182	0.182	0.182	78	99	-	-	0	0	0	0	2.92311	Reg6	11	-	-	-
Nitrotoluene[2-]	SW-846:8330	ug/L	34	0	0	0.036	0.2057	1	34	100	-	-	0	0	0	0	2.92311	Reg6	6	-	-	-
Nitrotoluene[3-]	SW-846:8321A_MOD	ug/L	79	0	0	0.104	0.4405	2.44	79	100	-	-	0	0	0	0	121.6667	Reg6	11	-	-	-
Nitrotoluene[3-]	SW-846:8330	ug/L	34	0	0	0.1	0.1958	1	34	100	-	-	0	0	0	0	121.6667	Reg6	6	-	-	-
Nitrotoluene[4-]	SW-846:8321A_MOD	ug/L	79	0	0	0.104	0.8735	4.87	79	100	-	-	0	0	0	0	39.54796	Reg6	11	-	-	-
Nitrotoluene[4-]	SW-846:8330	ug/L	34	0	0	0.1	0.2076	1	34	100	-	-	0	0	0	0	39.54796	Reg6	6	-	-	-
PETN	SW-846:8321A_MOD	ug/L	46	0	0	1.3	1.3	1.3	46	100	-	-	0	0	0	0	-	-	10	-	-	-
PETN	SW-846:8330	ug/L	1	0	0	0.21	0.21	0.21	1	100	-	-	0	0	0	0	-	-	1	-	-	-
RDX	SW-846:8321A(M)	ug/L	1	1	100	4.12	4.12	4.12	0	0	-	-	0	0	1	100	6.111958	Reg6	1	-	1	-
RDX	SW-846:8321A_MOD	ug/L	84	55	65	0.157	15.242	264	29	35	-	-	0	25	31	37	6.111958	Reg6	11	4	4	CDV-16-02656, CDV-16-02657, CDV-16-02658, CDV-16-02659
RDX	SW-846:8330	ug/L	34	22	65	0.12	10.406	50.4	12	35	-	-	1	8	13	38	6.111958	Reg6	6	2	3	CDV-16-02658, CDV-16-02659
TATB	SW-846:8321A(M)	ug/L	1	0	0	1.3	1.3	1.3	1	100	-	-	0	0	0	0	-	-	1	-	-	-
TATB	SW-846:8321A_MOD	ug/L	46	0	0	1.3	1.3	1.3	46	100	-	-	0	0	0	0	-	-	10	-	-	-
Tetryl	SW-846:8321A_MOD	ug/L	70	0	0	0.104	0.6313	2.44	70	100	-	-	0	0	0	0	146	Reg6	11	-	-	-
Tetryl	SW-846:8330	ug/L	34	0	0	0.033	0.2056	1	34	100	-	-	0	0	0	0	146	Reg6	6	-	-	-
TNX	SW-846:8330	ug/L	63	12	19	0.16	0.6825	2.3	51	81	-	-	0	0	0	0	-	-	11	-	-	-
Trinitrobenzene[1,3,5-]	SW-846:8321A_MOD	ug/L	80	0	0	0.104	0.3598	1.62	80	100	-	-	0	0	0	0	1095	Reg6	11	-	-	-

Table B-5
Screening Table for Water Canyon Watershed (including Cañon de Valle, Potrillo Canyon, and Fence Canyon)

Analyte	Method	Units	No. of Analyses	No. of Detects	D Rate %	Min	Mean	Max	No. of Non-detects	ND Rate %	BV	D> BV	ND> Std	D> Std	D> Std/2	D>Std/2 Rate %	Level	Std Type	Locations with Data (number)	D>Std (number of locations)	D>Std/2 (number of locations)	D>Std Stations
Trinitrobenzene[1,3,5-]	SW-846:8330	ug/L	34	0	0	*0.07*	*0.2067*	*1*	34	100	-	-	0	0	0	0	1095	Reg6	6	-	-	-
Trinitrotoluene[2,4,6-]	SW-846:8321A_MOD	ug/L	80	2	3	0.0851	0.0961	0.107	78	98	-	-	0	0	0	0	22.41051	Reg6	11	-	-	-
Trinitrotoluene[2,4,6-]	SW-846:8330	ug/L	34	0	0	*0.1*	*0.2076*	*1*	34	100	-	-	0	0	0	0	22.41051	Reg6	6	-	-	-
Tris (o-cresyl) phosphate	SW-846:8321A(M)	ug/L	1	0	0	*1.3*	*1.3*	*1.3*	1	100	-	-	0	0	0	0	-	-	1	-	-	-
Tris (o-cresyl) phosphate	SW-846:8321A_MOD	ug/L	37	0	0	*1.3*	*1.3*	*1.3*	37	100	-	-	0	0	0	0	-	-	10	-	-	-
Water, High Explosives, UF, Intermediate																						
2,4-Diamino-6-nitrotoluene	SW-846:8321A_MOD	ug/L	31	3	10	0.281	0.5177	0.917	28	90	-	-	0	0	0	0	-	-	4	-	-	-
2,6-Diamino-4-nitrotoluene	SW-846:8321A_MOD	ug/L	30	0	0	*1.3*	*1.4233*	*5*	30	100	-	-	0	0	0	0	-	-	4	-	-	-
3,5-Dinitroaniline	SW-846:8321A_MOD	ug/L	31	0	0	*1.3*	*1.4194*	*5*	31	100	-	-	0	0	0	0	-	-	4	-	-	-
Amino-2,6-dinitrotoluene[4-]	SW-846:8321A(M)	ug/L	8	4	50	0.103	0.1473	0.191	4	50	-	-	0	0	0	0	-	-	2	-	-	-
Amino-2,6-dinitrotoluene[4-]	SW-846:8321A_MOD	ug/L	31	8	26	0.22	1.9811	4.33	23	74	-	-	0	0	0	0	-	-	4	-	-	-
Amino-2,6-dinitrotoluene[4-]	SW-846:8330	ug/L	12	5	42	1.7	2.76	3.1	7	58	-	-	0	0	0	0	-	-	2	-	-	-
Amino-4,6-dinitrotoluene[2-]	SW-846:8321A(M)	ug/L	8	6	75	0.103	0.7873	2.27	2	25	-	-	0	0	0	0	-	-	2	-	-	-
Amino-4,6-dinitrotoluene[2-]	SW-846:8321A_MOD	ug/L	31	11	35	0.133	1.2686	3.99	20	65	-	-	0	0	0	0	-	-	4	-	-	-
Amino-4,6-dinitrotoluene[2-]	SW-846:8330	ug/L	12	6	50	0.093	2.4322	5.7	6	50	-	-	0	0	0	0	-	-	2	-	-	-
Dinitrobenzene[1,3-]	SW-846:8321A(M)	ug/L	8	0	0	*0.104*	*1.603*	*5.19*	8	100	-	-	2	0	0	0	3.65	Reg6	2	-	-	-
Dinitrobenzene[1,3-]	SW-846:8321A_MOD	ug/L	31	0	0	*0.325*	*0.3548*	*1.25*	31	100	-	-	0	0	0	0	3.65	Reg6	4	-	-	-
Dinitrobenzene[1,3-]	SW-846:8330	ug/L	12	0	0	*0.1*	*0.4117*	*1*	12	100	-	-	0	0	0	0	3.65	Reg6	2	-	-	-
Dinitrotoluene[2,4-]	SW-846:8321A(M)	ug/L	8	0	0	*0.104*	*1.603*	*5.19*	8	100	-	-	0	0	0	0	-	-	2	-	-	-
Dinitrotoluene[2,4-]	SW-846:8321A_MOD	ug/L	31	4	13	0.527	0.8885	1.15	27	87	-	-	0	0	0	0	-	-	4	-	-	-
Dinitrotoluene[2,4-]	SW-846:8330	ug/L	12	3	25	0.46	0.4867	0.54	9	75	-	-	0	0	0	0	-	-	2	-	-	-
Dinitrotoluene[2,6-]	SW-846:8321A(M)	ug/L	8	0	0	*0.104*	*1.603*	*5.19*	8	100	-	-	0	0	0	0	-	-	2	-	-	-
Dinitrotoluene[2,6-]	SW-846:8321A_MOD	ug/L	31	0	0	*0.325*	*0.3548*	*1.25*	31	100	-	-	0	0	0	0	-	-	4	-	-	-
Dinitrotoluene[2,6-]	SW-846:8330	ug/L	12	2	17	0.38	0.385	0.39	10	83	-	-	0	0	0	0	-	-	2	-	-	-
DNX	SW-846:8330	ug/L	23	9	39	0.079	0.1244	0.16	14	61	-	-	0	0	0	0	-	-	4	-	-	-
HMX	SW-846:8321A(M)	ug/L	8	7	88	0.041	4.2987	14	1	13	-	-	0	0	0	0	1825	Reg6	2	-	-	-
HMX	SW-846:8321A_MOD	ug/L	31	23	74	0.134	2.6513	11.9	8	26	-	-	0	0	0	0	1825	Reg6	4	-	-	-
HMX	SW-846:8330	ug/L	12	5	42	6.4	7.76	9.1	7	58	-	-	0	0	0	0	1825	Reg6	2	-	-	-
MNX	SW-846:8330	ug/L	23	11	48	0.14	0.2609	0.42	12	52	-	-	0	0	0	0	-	-	4	-	-	-
Nitrobenzene	SW-846:8321A(M)	ug/L	8	0	0	*0.104*	*1.603*	*5.19*	8	100	-	-	0	0	0	0	-	-	2	-	-	-
Nitrobenzene	SW-846:8321A_MOD	ug/L	31	0	0	*0.325*	*0.3548*	*1.25*	31	100	-	-	0	0	0	0	-	-	4	-	-	-
Nitrobenzene	SW-846:8330	ug/L	12	0	0	*0.1*	*0.33*	*1*	12	100	-	-	0	0	0	0	-	-	2	-	-	-
Nitroglycerin	SW-846:8321A(M)	ug/L	4	0	0	*1.3*	*1.3*	*1.3*	4	100	-	-	0	0	0	0	-	-	1	-	-	-
Nitrotoluene[2-]	SW-846:8321A(M)	ug/L	8	0	0	*0.104*	*1.603*	*5.19*	8	100	-	-	2	0	0	0	2.92311	Reg6	2	-	-	-
Nitrotoluene[2-]	SW-846:8321A_MOD	ug/L	31	3	10	0.217	0.2413	0.278	28	90	-	-	0	0	0	0	2.92311	Reg6	4	-	-	-
Nitrotoluene[2-]	SW-846:8330	ug/L	12	2	17	1.1	1.35	1.6	10	83	-	-	0	0	1	8	2.92311	Reg6	2	-	1	-
Nitrotoluene[3-]	SW-846:8321A(M)	ug/L	8	0	0	*0.104*	*1.603*	*5.19*	8	100	-	-	0	0	0	0	121.6667	Reg6	2	-	-	-
Nitrotoluene[3-]	SW-846:8321A_MOD	ug/L	31	0	0	*0.325*	*0.3548*	*1.25*	31	100	-	-	0	0	0	0	121.6667	Reg6	4	-	-	-
Nitrotoluene[3-]	SW-846:8330	ug/L	12	2	17	0.11	0.115	0.12	10	83	-	-	0	0	0	0	121.6667	Reg6	2	-	-	-
Nitrotoluene[4-]	SW-846:8321A(M)	ug/L	8	0	0	*0.104*	*1.765*	*5.19*	8	100	-	-	0	0	0	0	39.54796	Reg6	2	-	-	-
Nitrotoluene[4-]	SW-846:8321A_MOD	ug/L	31	0	0	*0.649*	*0.7087*	*2.5*	31	100	-	-	0	0	0	0	39.54796	Reg6	4	-	-	-
Nitrotoluene[4-]	SW-846:8330	ug/L	12	0	0	*0.1*	*0.4117*	*1*	12	100	-	-	0	0	0	0	39.54796	Reg6	2	-	-	-
PETN	SW-846:8321A(M)	ug/L	4	0	0	*1.3*	*1.3*	*1.3*	4	100	-	-	0	0	0	0	-	-	1	-	-	-
PETN	SW-846:8321A_MOD	ug/L	29	0	0	*1.3*	*1.4276*	*5*	29	100	-	-	0	0	0	0	-	-	4	-	-	-
RDX	SW-846:8321A(M)	ug/L	8	7	88	0.0273	33.132	74.1	1	13	-	-	1	6	6	75	6.111958	Reg6	2	2	2	CdV-16-1(i), R-25
RDX	SW-846:8321A_MOD	ug/L	31	25	81	0.809	35.064	67.7	6	19	-	-	1	22	23	74	6.111958	Reg6	4	3	3	CdV-16-1(i), CdV-16-2(i)r, R-25
RDX	SW-846:8330	ug/L	12	7	58	0.86	35.08	58.6	5	42	-	-	0	5	5	42	6.111958	Reg6	2	1	1	R-25
TATB	SW-846:8321A_MOD	ug/L	31	0	0	*1.3*	*1.4194*	*5*	31	100	-	-	0	0	0	0	-	-	4	-	-	-
Tetryl	SW-846:8321A(M)	ug/L	8	0	0	*0.104*	*1.765*	*5.19*	8	100	-	-	0	0	0	0	146	Reg6	2	-	-	-
Tetryl	SW-846:8321A_MOD	ug/L	31	0	0	*0.649*	*0.7087*	*2.5*	31	100	-	-	0	0	0	0	146	Reg6	4	-	-	-
Tetryl	SW-846:8330	ug/L	10	0	0	*0.1*	*0.58*	*1.5*	10	100	-	-	0	0	0	0	146	Reg6	2	-	-	-
TNX	SW-846:8330	ug/L	23	7	30	0.086	0.3966	0.93	16	70	-	-	0	0	0	0	-	-	4	-	-	-
Trinitrobenzene[1,3,5-]	SW-846:8321A(M)	ug/L	8	0	0	*0.104*	*1.603*	*5.19*	8	100	-	-	0	0	0	0	1095	Reg6	2	-	-	-
Trinitrobenzene[1,3,5-]	SW-846:8321A_MOD	ug/L	31	4	13	0.847	0.8983	1.01	27	87	-	-	0	0	0	0	1095	Reg6	4	-	-	-
Trinitrobenzene[1,3,5-]	SW-846:8330	ug/L	12	2	17	0.2	0.21	0.22	10	83	-	-	0	0	0	0	1095	Reg6	2	-	-	-

Table B-5
Screening Table for Water Canyon Watershed (including Cañon de Valle, Potrillo Canyon, and Fence Canyon)

Analyte	Method	Units	No. of Analyses	No. of Detects	D Rate %	Min	Mean	Max	No. of Non-detects	ND Rate %	BV	D> BV	ND> Std	D> Std	D> Std/2	D>Std/2 Rate %	Level	Std Type	Locations with Data (number)	D>Std (number of locations)	D>Std/2 (number of locations)	D>Std Stations
Trinitrotoluene[2,4,6-]	SW-846:8321A(M)	ug/L	8	2	25	2.69	2.97	3.25	6	75	-	-	0	0	0	0	22.41051	Reg6	2	-	-	-
Trinitrotoluene[2,4,6-]	SW-846:8321A_MOD	ug/L	31	4	13	7.44	8.425	9.36	27	87	-	-	0	0	0	0	22.41051	Reg6	4	-	-	-
Trinitrotoluene[2,4,6-]	SW-846:8330	ug/L	12	5	42	1.4	1.86	2.1	7	58	-	-	0	0	0	0	22.41051	Reg6	2	-	-	-
Tris (o-cresyl) phosphate	SW-846:8321A_MOD	ug/L	26	0	0	*1.3*	*1.3*	*1.3*	26	100	-	-	0	0	0	0	-	-	4	-	-	-
Water, High Explosives, UF, Regional																						
2,4-Diamino-6-nitrotoluene	SW-846:8321A_MOD	ug/L	60	1	2	0.356	0.356	0.356	59	98	-	-	0	0	0	0	-	-	4	-	-	-
2,6-Diamino-4-nitrotoluene	SW-846:8321A_MOD	ug/L	60	0	0	*1.3*	*1.3*	*1.3*	60	100	-	-	0	0	0	0	-	-	4	-	-	-
3,5-Dinitroaniline	SW-846:8321A_MOD	ug/L	60	0	0	*1.3*	*1.3*	*1.3*	60	100	-	-	0	0	0	0	-	-	4	-	-	-
Amino-2,6-dinitrotoluene[4-]	SW-846:8321A(M)	ug/L	50	1	2	0.232	0.232	0.232	49	98	-	-	0	0	0	0	-	-	3	-	-	-
Amino-2,6-dinitrotoluene[4-]	SW-846:8321A_MOD	ug/L	60	7	12	0.137	0.163	0.202	53	88	-	-	0	0	0	0	-	-	4	-	-	-
Amino-2,6-dinitrotoluene[4-]	SW-846:8330	ug/L	62	8	13	0.18	1.1828	6	54	87	-	-	0	0	0	0	-	-	3	-	-	-
Amino-4,6-dinitrotoluene[2-]	SW-846:8321A(M)	ug/L	50	1	2	0.17	0.17	0.17	49	98	-	-	0	0	0	0	-	-	3	-	-	-
Amino-4,6-dinitrotoluene[2-]	SW-846:8321A_MOD	ug/L	60	4	7	0.122	0.1285	0.135	56	93	-	-	0	0	0	0	-	-	4	-	-	-
Amino-4,6-dinitrotoluene[2-]	SW-846:8330	ug/L	61	5	8	0.228	0.3716	0.54	56	92	-	-	0	0	0	0	-	-	3	-	-	-
Dinitrobenzene[1,3-]	SW-846:8321A(M)	ug/L	50	0	0	*0.104*	*0.3898*	*0.487*	50	100	-	-	0	0	0	0	3.65	Reg6	3	-	-	-
Dinitrobenzene[1,3-]	SW-846:8321A_MOD	ug/L	60	0	0	*0.325*	*0.325*	*0.325*	60	100	-	-	0	0	0	0	3.65	Reg6	4	-	-	-
Dinitrobenzene[1,3-]	SW-846:8330	ug/L	62	0	0	*0.1*	*0.1147*	*0.97*	62	100	-	-	0	0	0	0	3.65	Reg6	3	-	-	-
Dinitrotoluene[2,4-]	SW-846:8321A(M)	ug/L	50	0	0	*0.104*	*0.3218*	*0.42*	50	100	-	-	0	0	0	0	-	-	3	-	-	-
Dinitrotoluene[2,4-]	SW-846:8321A_MOD	ug/L	60	0	0	*0.325*	*0.325*	*0.325*	60	100	-	-	0	0	0	0	-	-	4	-	-	-
Dinitrotoluene[2,4-]	SW-846:8330	ug/L	62	2	3	0.073	0.0755	0.078	60	97	-	-	0	0	0	0	-	-	3	-	-	-
Dinitrotoluene[2,6-]	SW-846:8321A(M)	ug/L	50	0	0	*0.104*	*0.3218*	*0.42*	50	100	-	-	0	0	0	0	-	-	3	-	-	-
Dinitrotoluene[2,6-]	SW-846:8321A_MOD	ug/L	60	0	0	*0.325*	*0.325*	*0.325*	60	100	-	-	0	0	0	0	-	-	4	-	-	-
Dinitrotoluene[2,6-]	SW-846:8330	ug/L	62	0	0	*0.1*	*0.1252*	*0.9*	62	100	-	-	0	0	0	0	-	-	3	-	-	-
DNX	SW-846:8330	ug/L	43	4	9	0.12	0.88	2.4	39	91	-	-	0	0	0	0	-	-	4	-	-	-
HMX	SW-846:8321A(M)	ug/L	50	2	4	0.296	0.4215	0.547	48	96	-	-	0	0	0	0	1825	Reg6	3	-	-	-
HMX	SW-846:8321A_MOD	ug/L	60	5	8	0.123	0.2274	0.335	55	92	-	-	0	0	0	0	1825	Reg6	4	-	-	-
HMX	SW-846:8330	ug/L	61	5	8	0.46	0.57	0.73	56	92	-	-	0	0	0	0	1825	Reg6	3	-	-	-
MNX	SW-846:8330	ug/L	43	4	9	0.11	0.455	0.71	39	91	-	-	0	0	0	0	-	-	4	-	-	-
Nitrobenzene	SW-846:8321A(M)	ug/L	50	0	0	*0.104*	*0.5944*	*0.974*	50	100	-	-	0	0	0	0	-	-	3	-	-	-
Nitrobenzene	SW-846:8321A_MOD	ug/L	60	0	0	*0.325*	*0.325*	*0.325*	60	100	-	-	0	0	0	0	-	-	4	-	-	-
Nitrobenzene	SW-846:8330	ug/L	62	0	0	*0.1*	*0.1062*	*0.48*	62	100	-	-	0	0	0	0	-	-	3	-	-	-
Nitroglycerin	SW-846:8321A(M)	ug/L	41	0	0	*0.779*	*1.2169*	*1.46*	41	100	-	-	0	0	0	0	-	-	2	-	-	-
Nitrotoluene[2-]	SW-846:8321A(M)	ug/L	50	0	0	*0.104*	*0.3898*	*0.487*	50	100	-	-	0	0	0	0	2.92311	Reg6	3	-	-	-
Nitrotoluene[2-]	SW-846:8321A_MOD	ug/L	60	0	0	*0.325*	*0.325*	*0.325*	60	100	-	-	0	0	0	0	2.92311	Reg6	4	-	-	-
Nitrotoluene[2-]	SW-846:8330	ug/L	62	2	3	0.2	0.65	1.1	60	97	-	-	0	0	0	0	2.92311	Reg6	3	-	-	-
Nitrotoluene[3-]	SW-846:8321A(M)	ug/L	50	0	0	*0.104*	*0.3898*	*0.487*	50	100	-	-	0	0	0	0	121.6667	Reg6	3	-	-	-
Nitrotoluene[3-]	SW-846:8321A_MOD	ug/L	60	0	0	*0.325*	*0.325*	*0.325*	60	100	-	-	0	0	0	0	121.6667	Reg6	4	-	-	-
Nitrotoluene[3-]	SW-846:8330	ug/L	61	2	3	0.18	0.37	0.56	59	97	-	-	0	0	0	0	121.6667	Reg6	3	-	-	-
Nitrotoluene[4-]	SW-846:8321A(M)	ug/L	50	0	0	*0.104*	*0.7499*	*0.974*	50	100	-	-	0	0	0	0	39.54796	Reg6	3	-	-	-
Nitrotoluene[4-]	SW-846:8321A_MOD	ug/L	60	0	0	*0.649*	*0.649*	*0.649*	60	100	-	-	0	0	0	0	39.54796	Reg6	4	-	-	-
Nitrotoluene[4-]	SW-846:8330	ug/L	62	0	0	*0.1*	*0.1141*	*0.97*	62	100	-	-	0	0	0	0	39.54796	Reg6	3	-	-	-
PETN	SW-846:8321A(M)	ug/L	45	0	0	*1.3*	*1.3747*	*1.46*	45	100	-	-	0	0	0	0	-	-	2	-	-	-
PETN	SW-846:8321A_MOD	ug/L	60	0	0	*1.3*	*1.3*	*1.3*	60	100	-	-	0	0	0	0	-	-	4	-	-	-
RDX	SW-846:8321A(M)	ug/L	50	2	4	0.0879	0.864	1.64	48	96	-	-	0	0	0	0	6.111958	Reg6	3	-	-	-
RDX	SW-846:8321A_MOD	ug/L	60	9	15	0.134	0.3199	0.714	51	85	-	-	0	0	0	0	6.111958	Reg6	4	-	-	-
RDX	SW-846:8330	ug/L	62	7	11	0.651	1.8973	3.3	55	89	-	-	0	0	2	3	6.111958	Reg6	3	-	1	-
TATB	SW-846:8321A_MOD	ug/L	60	0	0	*1.3*	*1.3*	*1.3*	60	100	-	-	0	0	0	0	-	-	4	-	-	-
Tetryl	SW-846:8321A(M)	ug/L	50	0	0	*0.104*	*0.5453*	*0.649*	50	100	-	-	0	0	0	0	146	Reg6	3	-	-	-
Tetryl	SW-846:8321A_MOD	ug/L	60	0	0	*0.649*	*0.649*	*0.649*	60	100	-	-	0	0	0	0	146	Reg6	4	-	-	-
Tetryl	SW-846:8330	ug/L	60	1	2	1.6	1.6	1.6	59	98	-	-	0	0	0	0	146	Reg6	3	-	-	-
TNX	SW-846:8330	ug/L	43	2	5	0.5	0.5	0.5	41	95	-	-	0	0	0	0	-	-	4	-	-	-
Trinitrobenzene[1,3,5-]	SW-846:8321A(M)	ug/L	50	1	2	0.026	0.026	0.026	49	98	-	-	0	0	0	0	1095	Reg6	3	-	-	-
Trinitrobenzene[1,3,5-]	SW-846:8321A_MOD	ug/L	60	0	0	*0.325*	*0.325*	*0.325*	60	100	-	-	0	0	0	0	1095	Reg6	4	-	-	-
Trinitrobenzene[1,3,5-]	SW-846:8330	ug/L	62	4	6	0.0271	0.0425	0.062	58	94	-	-	0	0	0	0	1095	Reg6	3	-	-	-
Trinitrotoluene[2,4,6-]	SW-846:8321A(M)	ug/L	50	1	2	0.177	0.177	0.177	49	98	-	-	0	0	0	0	22.41051	Reg6	3	-	-	-
Trinitrotoluene[2,4,6-]	SW-846:8321A_MOD	ug/L	60	5	8	0.106	0.1436	0.17	55	92	-	-	0	0	0	0	22.41051	Reg6	4	-	-	-
Trinitrotoluene[2,4,6-]	SW-846:8330	ug/L	62	5	8	0.16	0.301	0.44	57	92	-	-	0	0	0	0	22.41051	Reg6	3	-	-	-

Table B-5
Screening Table for Water Canyon Watershed (including Cañon de Valle, Potrillo Canyon, and Fence Canyon)

Analyte	Method	Units	No. of Analyses	No. of Detects	D Rate %	Min	Mean	Max	No. of Non-detects	ND Rate %	BV	D> BV	ND> Std	D> Std	D> Std/2	D>Std/2 Rate %	Level	Std Type	Locations with Data (number)	D>Std (number of locations)	D>Std/2 (number of locations)	D>Std Stations
Tris (o-cresyl) phosphate	SW-846:8321A_MOD	ug/L	43	0	0	1.3	1.3	1.3	43	100	-	-	0	0	0	0	-	-	4	-	-	-
Water, Pesticides/PCBs, UF, Perennial																						
Aldrin	SW-846:8081A	ug/L	10	0	0	0.02	0.0211	0.0222	10	100	-	-	10	0	0	0	0.0005	HHPU	4	-	-	-
Aroclor-1016	SW-846:8082	ug/L	10	0	0	0.1	0.1067	0.111	10	100	-	-	10	0	0	0	0.00064	HHPU	4	-	-	-
Aroclor-1221	SW-846:8082	ug/L	10	0	0	0.1	0.1067	0.111	10	100	-	-	10	0	0	0	0.00064	HHPU	4	-	-	-
Aroclor-1232	SW-846:8082	ug/L	10	0	0	0.1	0.1067	0.111	10	100	-	-	10	0	0	0	0.00064	HHPU	4	-	-	-
Aroclor-1242	SW-846:8082	ug/L	10	0	0	0.1	0.1067	0.111	10	100	-	-	10	0	0	0	0.00064	HHPU	4	-	-	-
Aroclor-1248	SW-846:8082	ug/L	10	0	0	0.1	0.1067	0.111	10	100	-	-	10	0	0	0	0.00064	HHPU	4	-	-	-
Aroclor-1254	SW-846:8082	ug/L	10	0	0	0.1	0.1067	0.111	10	100	-	-	10	0	0	0	0.00064	HHPU	4	-	-	-
Aroclor-1260	SW-846:8082	ug/L	10	0	0	0.1	0.1067	0.111	10	100	-	-	10	0	0	0	0.00064	HHPU	4	-	-	-
Aroclor-1262	SW-846:8082	ug/L	10	0	0	0.1	0.1067	0.111	10	100	-	-	10	0	0	0	0.00064	HHPU	4	-	-	-
BHC[alpha-]	SW-846:8081A	ug/L	10	0	0	0.02	0.0211	0.0222	10	100	-	-	0	0	0	0	0.049	HHPU	4	-	-	-
BHC[beta-]	SW-846:8081A	ug/L	10	0	0	0.02	0.0211	0.0222	10	100	-	-	0	0	0	0	0.17	HHPU	4	-	-	-
BHC[delta-]	SW-846:8081A	ug/L	10	0	0	0.02	0.0211	0.0222	10	100	-	-	0	0	0	0	-	-	4	-	-	-
BHC[gamma-]	SW-846:8081A	ug/L	10	0	0	0.02	0.0211	0.0222	10	100	-	-	0	0	0	0	0.63	HHPU	4	-	-	-
Chlordane[alpha-]	SW-846:8081A	ug/L	10	0	0	0.02	0.0211	0.0222	10	100	-	-	0	0	0	0	-	-	4	-	-	-
Chlordane[gamma-]	SW-846:8081A	ug/L	10	0	0	0.02	0.0211	0.0222	10	100	-	-	0	0	0	0	-	-	4	-	-	-
DDD[4,4'-]	SW-846:8081A	ug/L	10	0	0	0.04	0.0423	0.0444	10	100	-	-	10	0	0	0	0.0022	HHPU	4	-	-	-
DDE[4,4'-]	SW-846:8081A	ug/L	10	0	0	0.04	0.0423	0.0444	10	100	-	-	10	0	0	0	0.0022	HHPU	4	-	-	-
DDT[4,4'-]	SW-846:8081A	ug/L	10	0	0	0.04	0.0423	0.0444	10	100	-	-	10	0	0	0	0.0022	HHPU	4	-	-	-
Dieldrin	SW-846:8081A	ug/L	10	0	0	0.04	0.0423	0.0444	10	100	-	-	10	0	0	0	0.00054	HHPU	4	-	-	-
Endosulfan I	SW-846:8081A	ug/L	10	0	0	0.02	0.0211	0.0222	10	100	-	-	0	0	0	0	0.22	AqAcU	4	-	-	-
Endosulfan II	SW-846:8081A	ug/L	10	0	0	0.04	0.0423	0.0444	10	100	-	-	0	0	0	0	0.22	AqAcU	4	-	-	-
Endosulfan Sulfate	SW-846:8081A	ug/L	10	0	0	0.04	0.0423	0.0444	10	100	-	-	0	0	0	0	89	HHPU	4	-	-	-
Endrin	SW-846:8081A	ug/L	10	0	0	0.04	0.0423	0.0444	10	100	-	-	0	0	0	0	0.086	AqAcU	4	-	-	-
Endrin Aldehyde	SW-846:8081A	ug/L	10	0	0	0.04	0.0423	0.0444	10	100	-	-	0	0	0	0	0.3	HHPU	4	-	-	-
Endrin Ketone	SW-846:8081A	ug/L	10	0	0	0.04	0.0423	0.0444	10	100	-	-	0	0	0	0	-	-	4	-	-	-
Heptachlor	SW-846:8081A	ug/L	10	0	0	0.02	0.0211	0.0222	10	100	-	-	10	0	0	0	0.00079	HHPU	4	-	-	-
Heptachlor Epoxide	SW-846:8081A	ug/L	10	0	0	0.02	0.0211	0.0222	10	100	-	-	10	0	0	0	0.00039	HHPU	4	-	-	-
Methoxychlor[4,4'-]	SW-846:8081A	ug/L	10	0	0	0.2	0.2114	0.222	10	100	-	-	0	0	0	0	-	-	4	-	-	-
Toxaphene (Technical Grade)	SW-846:8081A	ug/L	10	0	0	0.5	0.5285	0.556	10	100	-	-	10	0	0	0	0.0028	HHPU	4	-	-	-
Water, Pesticides/PCBs, UF, Springs																						
Aldrin	SW-846:8081A	ug/L	18	0	0	0.02	0.0214	0.025	18	100	-	-	0	0	0	0	0.03954796	Reg6	7	-	-	-
Aroclor-1016	SW-846:8082	ug/L	18	0	0	0.1	0.1084	0.127	18	100	-	-	0	0	0	0	0.5	MCL	7	-	-	-
Aroclor-1221	SW-846:8082	ug/L	18	0	0	0.1	0.1084	0.127	18	100	-	-	0	0	0	0	0.5	MCL	7	-	-	-
Aroclor-1232	SW-846:8082	ug/L	18	0	0	0.1	0.1084	0.127	18	100	-	-	0	0	0	0	0.5	MCL	7	-	-	-
Aroclor-1242	SW-846:8082	ug/L	18	0	0	0.1	0.1084	0.127	18	100	-	-	0	0	0	0	0.5	MCL	7	-	-	-
Aroclor-1248	SW-846:8082	ug/L	18	0	0	0.1	0.1084	0.127	18	100	-	-	0	0	0	0	0.5	MCL	7	-	-	-
Aroclor-1254	SW-846:8082	ug/L	18	0	0	0.1	0.1084	0.127	18	100	-	-	0	0	0	0	0.5	MCL	7	-	-	-
Aroclor-1260	SW-846:8082	ug/L	18	0	0	0.1	0.1084	0.127	18	100	-	-	0	0	0	0	0.5	MCL	7	-	-	-
Aroclor-1262	SW-846:8082	ug/L	18	0	0	0.1	0.1084	0.127	18	100	-	-	0	0	0	0	0.5	MCL	7	-	-	-
BHC[alpha-]	SW-846:8081A	ug/L	18	0	0	0.02	0.0214	0.025	18	100	-	-	0	0	0	0	0.1067167	Reg6	7	-	-	-
BHC[beta-]	SW-846:8081A	ug/L	18	0	0	0.02	0.0214	0.025	18	100	-	-	0	0	0	0	0.3735085	Reg6	7	-	-	-
BHC[delta-]	SW-846:8081A	ug/L	18	0	0	0.02	0.0214	0.025	18	100	-	-	0	0	0	0	-	-	7	-	-	-
BHC[gamma-]	SW-846:8081A	ug/L	18	0	0	0.02	0.0214	0.025	18	100	-	-	0	0	0	0	0.2	MCL	7	-	-	-
Chlordane[alpha-]	SW-846:8081A	ug/L	18	0	0	0.02	0.0214	0.025	18	100	-	-	0	0	0	0	-	-	7	-	-	-
Chlordane[gamma-]	SW-846:8081A	ug/L	18	0	0	0.02	0.0214	0.025	18	100	-	-	0	0	0	0	-	-	7	-	-	-
DDD[4,4'-]	SW-846:8081A	ug/L	18	0	0	0.04	0.0428	0.05	18	100	-	-	0	0	0	0	2.801314	Reg6	7	-	-	-
DDE[4,4'-]	SW-846:8081A	ug/L	18	1	6	0.0076	0.0076	0.0076	17	94	-	-	0	0	0	0	1.977398	Reg6	7	-	-	-
DDT[4,4'-]	SW-846:8081A	ug/L	18	0	0	0.04	0.0428	0.05	18	100	-	-	0	0	0	0	1.977398	Reg6	7	-	-	-
Dieldrin	SW-846:8081A	ug/L	18	0	0	0.04	0.0428	0.05	18	100	-	-	10	0	0	0	0.04201971	Reg6	7	-	-	-
Endosulfan I	SW-846:8081A	ug/L	18	0	0	0.02	0.0214	0.025	18	100	-	-	0	0	0	0	-	-	7	-	-	-
Endosulfan II	SW-846:8081A	ug/L	16	0	0	0.04	0.0427	0.05	16	100	-	-	0	0	0	0	-	-	7	-	-	-
Endosulfan Sulfate	SW-846:8081A	ug/L	18	0	0	0.04	0.0428	0.05	18	100	-	-	0	0	0	0	-	-	7	-	-	-
Endrin	SW-846:8081A	ug/L	18	0	0	0.04	0.0428	0.05	18	100	-	-	0	0	0	0	2	MCL	7	-	-	-
Endrin Aldehyde	SW-846:8081A	ug/L	18	0	0	0.04	0.0428	0.05	18	100	-	-	0	0	0	0	-	-	7	-	-	-
Endrin Ketone	SW-846:8081A	ug/L	18	0	0	0.04	0.0428	0.05	18	100	-	-	0	0	0	0	-	-	7	-	-	-

Table B-5
Screening Table for Water Canyon Watershed (including Cañon de Valle, Potrillo Canyon, and Fence Canyon)

Analyte	Method	Units	No. of Analyses	No. of Detects	D Rate %	Min	Mean	Max	No. of Non-detects	ND Rate %	BV	D> BV	ND> Std	D> Std	D> Std/2	D>Std/2 Rate %	Level	Std Type	Locations with Data (number)	D>Std (number of locations)	D>Std/2 (number of locations)	D>Std Stations
Heptachlor	SW-846:8081A	ug/L	18	0	0	0.02	0.0214	0.025	18	100	-	-	0	0	0	0	0.4	MCL	7	-	-	-
Heptachlor Epoxide	SW-846:8081A	ug/L	18	0	0	0.02	0.0214	0.025	18	100	-	-	0	0	0	0	0.2	MCL	7	-	-	-
Methoxychlor[4,4'-]	SW-846:8081A	ug/L	18	0	0	0.2	0.2141	0.25	18	100	-	-	0	0	0	0	40	MCL	7	-	-	-
Toxaphene (Technical Grade)	SW-846:8081A	ug/L	18	0	0	0.5	0.5353	0.625	18	100	-	-	0	0	0	0	3	MCL	7	-	-	-
Water, Pesticides/PCBs, UF, Alluvial																						
Aldrin	SW-846:8081A	ug/L	21	0	0	0.02	0.0213	0.0235	21	100	-	-	0	0	0	0	0.03954796	Reg6	9	-	-	-
Aroclor-1016	SW-846:8082	ug/L	21	0	0	0.1	0.1065	0.118	21	100	-	-	0	0	0	0	0.5	MCL	9	-	-	-
Aroclor-1221	SW-846:8082	ug/L	21	0	0	0.1	0.1065	0.118	21	100	-	-	0	0	0	0	0.5	MCL	9	-	-	-
Aroclor-1232	SW-846:8082	ug/L	21	0	0	0.1	0.1065	0.118	21	100	-	-	0	0	0	0	0.5	MCL	9	-	-	-
Aroclor-1242	SW-846:8082	ug/L	21	0	0	0.1	0.1065	0.118	21	100	-	-	0	0	0	0	0.5	MCL	9	-	-	-
Aroclor-1248	SW-846:8082	ug/L	21	0	0	0.1	0.1065	0.118	21	100	-	-	0	0	0	0	0.5	MCL	9	-	-	-
Aroclor-1254	SW-846:8082	ug/L	21	0	0	0.1	0.1065	0.118	21	100	-	-	0	0	0	0	0.5	MCL	9	-	-	-
Aroclor-1260	SW-846:8082	ug/L	21	0	0	0.1	0.1065	0.118	21	100	-	-	0	0	0	0	0.5	MCL	9	-	-	-
Aroclor-1262	SW-846:8082	ug/L	21	0	0	0.1	0.1065	0.118	21	100	-	-	0	0	0	0	0.5	MCL	9	-	-	-
BHC[alpha-]	SW-846:8081A	ug/L	21	0	0	0.02	0.0213	0.0235	21	100	-	-	0	0	0	0	0.1067167	Reg6	9	-	-	-
BHC[beta-]	SW-846:8081A	ug/L	21	0	0	0.02	0.0213	0.0235	21	100	-	-	0	0	0	0	0.3735085	Reg6	9	-	-	-
BHC[delta-]	SW-846:8081A	ug/L	21	0	0	0.02	0.0213	0.0235	21	100	-	-	0	0	0	0	-	-	9	-	-	-
BHC[gamma-]	SW-846:8081A	ug/L	21	0	0	0.02	0.0213	0.0235	21	100	-	-	0	0	0	0	0.2	MCL	9	-	-	-
Chlordane[alpha-]	SW-846:8081A	ug/L	21	0	0	0.02	0.0213	0.0235	21	100	-	-	0	0	0	0	-	-	9	-	-	-
Chlordane[gamma-]	SW-846:8081A	ug/L	21	0	0	0.02	0.0213	0.0235	21	100	-	-	0	0	0	0	-	-	9	-	-	-
DDD[4,4'-]	SW-846:8081A	ug/L	21	1	5	0.0115	0.0115	0.0115	20	95	-	-	0	0	0	0	2.801314	Reg6	9	-	-	-
DDE[4,4'-]	SW-846:8081A	ug/L	21	1	5	0.0084	0.0084	0.0084	20	95	-	-	0	0	0	0	1.977398	Reg6	9	-	-	-
DDT[4,4'-]	SW-846:8081A	ug/L	21	1	5	0.016	0.016	0.016	20	95	-	-	0	0	0	0	1.977398	Reg6	9	-	-	-
Dieldrin	SW-846:8081A	ug/L	21	1	5	0.0079	0.0079	0.0079	20	95	-	-	12	0	0	0	0.04201971	Reg6	9	-	-	-
Endosulfan I	SW-846:8081A	ug/L	21	0	0	0.02	0.0213	0.0235	21	100	-	-	0	0	0	0	-	-	9	-	-	-
Endosulfan II	SW-846:8081A	ug/L	21	0	0	0.04	0.0427	0.0471	21	100	-	-	0	0	0	0	-	-	9	-	-	-
Endosulfan Sulfate	SW-846:8081A	ug/L	21	0	0	0.04	0.0427	0.0471	21	100	-	-	0	0	0	0	-	-	9	-	-	-
Endrin	SW-846:8081A	ug/L	21	0	0	0.04	0.0427	0.0471	21	100	-	-	0	0	0	0	2	MCL	9	-	-	-
Endrin Aldehyde	SW-846:8081A	ug/L	21	0	0	0.04	0.0427	0.0471	21	100	-	-	0	0	0	0	-	-	9	-	-	-
Endrin Ketone	SW-846:8081A	ug/L	21	0	0	0.04	0.0427	0.0471	21	100	-	-	0	0	0	0	-	-	9	-	-	-
Heptachlor	SW-846:8081A	ug/L	21	0	0	0.02	0.0213	0.0235	21	100	-	-	0	0	0	0	0.4	MCL	9	-	-	-
Heptachlor Epoxide	SW-846:8081A	ug/L	21	0	0	0.02	0.0213	0.0235	21	100	-	-	0	0	0	0	0.2	MCL	9	-	-	-
Methoxychlor[4,4'-]	SW-846:8081A	ug/L	21	0	0	0.2	0.2135	0.235	21	100	-	-	0	0	0	0	40	MCL	9	-	-	-
Toxaphene (Technical Grade)	SW-846:8081A	ug/L	21	0	0	0.5	0.5581	1.02	21	100	-	-	0	0	0	0	3	MCL	9	-	-	-
Water, Pesticides/PCBs, UF, Intermediate																						
Aldrin	SW-846:8081A	ug/L	14	0	0	0.02	0.0218	0.0253	14	100	-	-	0	0	0	0	0.03954796	Reg6	4	-	-	-
Aroclor-1016	SW-846:8082	ug/L	19	0	0	0.098	0.1068	0.125	19	100	-	-	0	0	0	0	0.5	MCL	4	-	-	-
Aroclor-1221	SW-846:8082	ug/L	19	0	0	0.098	0.1068	0.125	19	100	-	-	0	0	0	0	0.5	MCL	4	-	-	-
Aroclor-1232	SW-846:8082	ug/L	19	0	0	0.098	0.1068	0.125	19	100	-	-	0	0	0	0	0.5	MCL	4	-	-	-
Aroclor-1242	SW-846:8082	ug/L	19	0	0	0.098	0.1068	0.125	19	100	-	-	0	0	0	0	0.5	MCL	4	-	-	-
Aroclor-1248	SW-846:8082	ug/L	19	0	0	0.098	0.1068	0.125	19	100	-	-	0	0	0	0	0.5	MCL	4	-	-	-
Aroclor-1254	SW-846:8082	ug/L	19	0	0	0.098	0.1068	0.125	19	100	-	-	0	0	0	0	0.5	MCL	4	-	-	-
Aroclor-1260	SW-846:8082	ug/L	19	0	0	0.098	0.1068	0.125	19	100	-	-	0	0	0	0	0.5	MCL	4	-	-	-
Aroclor-1262	SW-846:8082	ug/L	16	0	0	0.1	0.107	0.125	16	100	-	-	0	0	0	0	0.5	MCL	4	-	-	-
BHC[alpha-]	SW-846:8081A	ug/L	14	0	0	0.02	0.0218	0.0253	14	100	-	-	0	0	0	0	0.1067167	Reg6	4	-	-	-
BHC[beta-]	SW-846:8081A	ug/L	14	0	0	0.02	0.0218	0.0253	14	100	-	-	0	0	0	0	0.3735085	Reg6	4	-	-	-
BHC[delta-]	SW-846:8081A	ug/L	14	0	0	0.02	0.0218	0.0253	14	100	-	-	0	0	0	0	-	-	4	-	-	-
BHC[gamma-]	SW-846:8081A	ug/L	14	0	0	0.02	0.0218	0.0253	14	100	-	-	0	0	0	0	0.2	MCL	4	-	-	-
Chlordane[alpha-]	SW-846:8081A	ug/L	14	0	0	0.02	0.0218	0.0253	14	100	-	-	0	0	0	0	-	-	4	-	-	-
Chlordane[gamma-]	SW-846:8081A	ug/L	14	0	0	0.02	0.0218	0.0253	14	100	-	-	0	0	0	0	-	-	4	-	-	-
DDD[4,4'-]	SW-846:8081A	ug/L	14	0	0	0.04	0.0435	0.0506	14	100	-	-	0	0	0	0	2.801314	Reg6	4	-	-	-
DDE[4,4'-]	SW-846:8081A	ug/L	14	0	0	0.04	0.0435	0.0506	14	100	-	-	0	0	0	0	1.977398	Reg6	4	-	-	-
DDT[4,4'-]	SW-846:8081A	ug/L	14	0	0	0.04	0.0435	0.0506	14	100	-	-	0	0	0	0	1.977398	Reg6	4	-	-	-
Dieldrin	SW-846:8081A	ug/L	14	0	0	0.04	0.0435	0.0506	14	100	-	-	9	0	0	0	0.04201971	Reg6	4	-	-	-
Endosulfan I	SW-846:8081A	ug/L	14	0	0	0.02	0.0218	0.0253	14	100	-	-	0	0	0	0	-	-	4	-	-	-
Endosulfan II	SW-846:8081A	ug/L	13	0	0	0.04	0.0433	0.0506	13	100	-	-	0	0	0	0	-	-	4	-	-	-

Analyte	Method	Units	No. of Analyses	No. of Detects	D Rate %	Min	Mean	Max	No. of Non-detects	ND Rate %	BV	D> BV	ND> Std	D> Std	D> Std/2	D>Std/2 Rate %	Level	Std Type	Locations with Data (number)	D>Std (number of locations)	D>Std/2 (number of locations)	D>Std Stations
Endosulfan Sulfate	SW-846:8081A	ug/L	14	0	0	*0.04*	*0.0435*	*0.0506*	14	100	-	-	0	0	0	0	-	-	4	-	-	-
Endrin	SW-846:8081A	ug/L	14	0	0	*0.04*	*0.0435*	*0.0506*	14	100	-	-	0	0	0	0	2	MCL	4	-	-	-
Endrin Aldehyde	SW-846:8081A	ug/L	14	0	0	*0.04*	*0.0435*	*0.0506*	14	100	-	-	0	0	0	0	-	-	4	-	-	-
Endrin Ketone	SW-846:8081A	ug/L	14	0	0	*0.04*	*0.0435*	*0.0506*	14	100	-	-	0	0	0	0	-	-	4	-	-	-
Heptachlor	SW-846:8081A	ug/L	14	1	7	0.0165	0.0165	0.0165	13	93	-	-	0	0	0	0	0.4	MCL	4	-	-	-
Heptachlor Epoxide	SW-846:8081A	ug/L	14	0	0	*0.02*	*0.0218*	*0.0253*	14	100	-	-	0	0	0	0	0.2	MCL	4	-	-	-
Methoxychlor[4,4'-]	SW-846:8081A	ug/L	13	0	0	*0.2*	*0.2188*	*0.253*	13	100	-	-	0	0	0	0	40	MCL	4	-	-	-
Toxaphene (Technical Grade)	SW-846:8081A	ug/L	14	0	0	*0.5*	*0.5796*	*1*	14	100	-	-	0	0	0	0	3	MCL	4	-	-	-
Water, Pesticides/PCBs, UF, Regional																						
Aldrin	SW-846:8081	ug/L	3	0	0	*0.022*	*0.0247*	*0.029*	3	100	-	-	0	0	0	0	0.03954796	Reg6	1	-	-	-
Aldrin	SW-846:8081A	ug/L	31	0	0	*0.02*	*0.0221*	*0.025*	31	100	-	-	0	0	0	0	0.03954796	Reg6	4	-	-	-
Aroclor-1016	SW-846:8082	ug/L	36	0	0	*0.1*	*0.1074*	*0.122*	36	100	-	-	0	0	0	0	0.5	MCL	4	-	-	-
Aroclor-1221	SW-846:8082	ug/L	36	0	0	*0.1*	*0.1074*	*0.122*	36	100	-	-	0	0	0	0	0.5	MCL	4	-	-	-
Aroclor-1232	SW-846:8082	ug/L	36	0	0	*0.1*	*0.1074*	*0.122*	36	100	-	-	0	0	0	0	0.5	MCL	4	-	-	-
Aroclor-1242	SW-846:8082	ug/L	36	0	0	*0.1*	*0.1074*	*0.122*	36	100	-	-	0	0	0	0	0.5	MCL	4	-	-	-
Aroclor-1248	SW-846:8082	ug/L	36	0	0	*0.1*	*0.1074*	*0.122*	36	100	-	-	0	0	0	0	0.5	MCL	4	-	-	-
Aroclor-1254	SW-846:8082	ug/L	36	0	0	*0.1*	*0.1074*	*0.122*	36	100	-	-	0	0	0	0	0.5	MCL	4	-	-	-
Aroclor-1260	SW-846:8082	ug/L	36	0	0	*0.1*	*0.1074*	*0.122*	36	100	-	-	0	0	0	0	0.5	MCL	4	-	-	-
Aroclor-1262	SW-846:8082	ug/L	33	0	0	*0.1*	*0.1081*	*0.122*	33	100	-	-	0	0	0	0	0.5	MCL	4	-	-	-
BHC[alpha-]	SW-846:8081	ug/L	3	0	0	*0.022*	*0.0247*	*0.029*	3	100	-	-	0	0	0	0	0.1067167	Reg6	1	-	-	-
BHC[alpha-]	SW-846:8081A	ug/L	31	0	0	*0.02*	*0.0221*	*0.025*	31	100	-	-	0	0	0	0	0.1067167	Reg6	4	-	-	-
BHC[beta-]	SW-846:8081	ug/L	3	0	0	*0.022*	*0.0247*	*0.029*	3	100	-	-	0	0	0	0	0.3735085	Reg6	1	-	-	-
BHC[beta-]	SW-846:8081A	ug/L	31	0	0	*0.02*	*0.0221*	*0.025*	31	100	-	-	0	0	0	0	0.3735085	Reg6	4	-	-	-
BHC[delta-]	SW-846:8081	ug/L	3	0	0	*0.022*	*0.0247*	*0.029*	3	100	-	-	0	0	0	0	-	-	1	-	-	-
BHC[delta-]	SW-846:8081A	ug/L	31	0	0	*0.02*	*0.0221*	*0.025*	31	100	-	-	0	0	0	0	-	-	4	-	-	-
BHC[gamma-]	SW-846:8081	ug/L	3	0	0	*0.022*	*0.0247*	*0.029*	3	100	-	-	0	0	0	0	0.2	MCL	1	-	-	-
BHC[gamma-]	SW-846:8081A	ug/L	31	0	0	*0.02*	*0.0221*	*0.025*	31	100	-	-	0	0	0	0	0.2	MCL	4	-	-	-
Chlordane[alpha-]	SW-846:8081	ug/L	3	0	0	*0.022*	*0.0247*	*0.029*	3	100	-	-	0	0	0	0	-	-	1	-	-	-
Chlordane[alpha-]	SW-846:8081A	ug/L	31	0	0	*0.02*	*0.0221*	*0.025*	31	100	-	-	0	0	0	0	-	-	4	-	-	-
Chlordane[gamma-]	SW-846:8081	ug/L	3	0	0	*0.022*	*0.0247*	*0.029*	3	100	-	-	0	0	0	0	-	-	1	-	-	-
Chlordane[gamma-]	SW-846:8081A	ug/L	31	0	0	*0.02*	*0.0221*	*0.025*	31	100	-	-	0	0	0	0	-	-	4	-	-	-
DDD[4,4'-]	SW-846:8081	ug/L	3	0	0	*0.044*	*0.0497*	*0.058*	3	100	-	-	0	0	0	0	2.801314	Reg6	1	-	-	-
DDD[4,4'-]	SW-846:8081A	ug/L	31	1	3	0.0106	0.0106	0.0106	30	97	-	-	0	0	0	0	2.801314	Reg6	4	-	-	-
DDE[4,4'-]	SW-846:8081	ug/L	3	0	0	*0.044*	*0.0497*	*0.058*	3	100	-	-	0	0	0	0	1.977398	Reg6	1	-	-	-
DDE[4,4'-]	SW-846:8081A	ug/L	31	1	3	0.0081	0.0081	0.0081	30	97	-	-	0	0	0	0	1.977398	Reg6	4	-	-	-
DDT[4,4'-]	SW-846:8081	ug/L	3	2	67	0.047	0.0485	0.05	1	33	-	-	0	0	0	0	1.977398	Reg6	1	-	-	-
DDT[4,4'-]	SW-846:8081A	ug/L	31	0	0	*0.04*	*0.0442*	*0.05*	31	100	-	-	0	0	0	0	1.977398	Reg6	4	-	-	-
Dieldrin	SW-846:8081	ug/L	3	0	0	*0.044*	*0.0497*	*0.058*	3	100	-	-	3	0	0	0	0.04201971	Reg6	1	-	-	-
Dieldrin	SW-846:8081A	ug/L	31	1	3	0.0088	0.0088	0.0088	30	97	-	-	26	0	0	0	0.04201971	Reg6	4	-	-	-
Endosulfan I	SW-846:8081	ug/L	3	0	0	*0.022*	*0.0247*	*0.029*	3	100	-	-	0	0	0	0	-	-	1	-	-	-
Endosulfan I	SW-846:8081A	ug/L	31	0	0	*0.02*	*0.0221*	*0.025*	31	100	-	-	0	0	0	0	-	-	4	-	-	-
Endosulfan II	SW-846:8081	ug/L	3	0	0	*0.044*	*0.0497*	*0.058*	3	100	-	-	0	0	0	0	-	-	1	-	-	-
Endosulfan II	SW-846:8081A	ug/L	30	1	3	0.0081	0.0081	0.0081	29	97	-	-	0	0	0	0	-	-	4	-	-	-
Endosulfan Sulfate	SW-846:8081	ug/L	3	0	0	*0.044*	*0.0497*	*0.058*	3	100	-	-	0	0	0	0	-	-	1	-	-	-
Endosulfan Sulfate	SW-846:8081A	ug/L	31	1	3	0.0091	0.0091	0.0091	30	97	-	-	0	0	0	0	-	-	4	-	-	-
Endrin	SW-846:8081	ug/L	3	0	0	*0.044*	*0.0497*	*0.058*	3	100	-	-	0	0	0	0	2	MCL	1	-	-	-
Endrin	SW-846:8081A	ug/L	31	1	3	0.0065	0.0065	0.0065	30	97	-	-	0	0	0	0	2	MCL	4	-	-	-
Endrin Aldehyde	SW-846:8081	ug/L	3	0	0	*0.044*	*0.0497*	*0.058*	3	100	-	-	0	0	0	0	-	-	1	-	-	-
Endrin Aldehyde	SW-846:8081A	ug/L	31	0	0	*0.04*	*0.0442*	*0.05*	31	100	-	-	0	0	0	0	-	-	4	-	-	-
Endrin Ketone	SW-846:8081	ug/L	3	0	0	*0.044*	*0.0497*	*0.058*	3	100	-	-	0	0	0	0	-	-	1	-	-	-
Endrin Ketone	SW-846:8081A	ug/L	31	0	0	*0.04*	*0.0442*	*0.05*	31	100	-	-	0	0	0	0	-	-	4	-	-	-
Heptachlor	SW-846:8081	ug/L	3	0	0	*0.022*	*0.0247*	*0.029*	3	100	-	-	0	0	0	0	0.4	MCL	1	-	-	-
Heptachlor	SW-846:8081A	ug/L	31	0	0	*0.02*	*0.0221*	*0.025*	31	100	-	-	0	0	0	0	0.4	MCL	4	-	-	-
Heptachlor Epoxide	SW-846:8081	ug/L	3	0	0	*0.022*	*0.0247*	*0.029*	3	100	-	-	0	0	0	0	0.2	MCL	1	-	-	-
Heptachlor Epoxide	SW-846:8081A	ug/L	31	0	0	*0.02*	*0.0221*	*0.025*	31	100	-	-	0	0	0	0	0.2	MCL	4	-	-	-
Methoxychlor[4,4'-]	SW-846:8081	ug/L	3	0	0	*0.22*	*0.2467*	*0.29*	3	100	-	-	0	0	0	0	40	MCL	1	-	-	-
Methoxychlor[4,4'-]	SW-846:8081A	ug/L	31	0	0	*0.2*	*0.2208*	*0.25*	31	100	-	-	0	0	0	0	40	MCL	4	-	-	-

Table B-5
Screening Table for Water Canyon Watershed (including Cañon de Valle, Potrillo Canyon, and Fence Canyon)

Analyte	Method	Units	No. of Analyses	No. of Detects	D Rate %	Min	Mean	Max	No. of Non-detects	ND Rate %	BV	D> BV	ND> Std	D> Std	D> Std/2	D>Std/2 Rate %	Level	Std Type	Locations with Data (number)	D>Std (number of locations)	D>Std/2 (number of locations)	D>Std Stations
Toxaphene (Technical Grade)	SW-846:8081	ug/L	3	0	0	1.1	1.2333	1.4	3	100	-	-	0	0	0	0	3	MCL	1	-	-	-
Toxaphene (Technical Grade)	SW-846:8081A	ug/L	31	0	0	0.5	0.5523	0.625	31	100	-	-	0	0	0	0	3	MCL	4	-	-	-
Water, SVOA, UF, Perennial																						
Acenaphthene	SW-846:8270C	ug/L	13	0	0	1	1.06	1.15	13	100	-	-	0	0	0	0	990	HHPU	4	-	-	-
Acenaphthylene	SW-846:8270C	ug/L	13	0	0	1	1.06	1.15	13	100	-	-	0	0	0	0	-	-	4	-	-	-
Aniline	SW-846:8270C	ug/L	13	0	0	10.2	10.646	11.5	13	100	-	-	0	0	0	0	-	-	4	-	-	-
Anthracene	SW-846:8270C	ug/L	13	0	0	1	1.06	1.15	13	100	-	-	0	0	0	0	40000	HHPU	4	-	-	-
Atrazine	SW-846:8270C	ug/L	13	0	0	10.2	10.646	11.5	13	100	-	-	0	0	0	0	-	-	4	-	-	-
Azobenzene	SW-846:8270C	ug/L	13	0	0	10.2	10.646	11.5	13	100	-	-	0	0	0	0	-	-	4	-	-	-
Benzidine	SW-846:8270C	ug/L	13	0	0	10.2	20.369	53.8	13	100	-	-	13	0	0	0	0.002	HHPU	4	-	-	-
Benzo(a)anthracene	SW-846:8270C	ug/L	13	0	0	1	1.06	1.15	13	100	-	-	13	0	0	0	0.18	HHPU	4	-	-	-
Benzo(a)pyrene	SW-846:8270C	ug/L	13	0	0	1	1.06	1.15	13	100	-	-	13	0	0	0	0.18	HHPU	4	-	-	-
Benzo(b)fluoranthene	SW-846:8270C	ug/L	13	0	0	1	1.06	1.15	13	100	-	-	13	0	0	0	0.18	HHPU	4	-	-	-
Benzo(g,h,i)perylene	SW-846:8270C	ug/L	13	0	0	1	1.06	1.15	13	100	-	-	0	0	0	0	-	-	4	-	-	-
Benzo(k)fluoranthene	SW-846:8270C	ug/L	13	0	0	1	1.06	1.15	13	100	-	-	13	0	0	0	0.18	HHPU	4	-	-	-
Benzoic Acid	SW-846:8270C	ug/L	11	0	0	20.4	21.245	23	11	100	-	-	0	0	0	0	-	-	4	-	-	-
Benzyl Alcohol	SW-846:8270C	ug/L	13	0	0	10.2	10.646	11.5	13	100	-	-	0	0	0	0	-	-	4	-	-	-
Bis(2-chloroethoxy)methane	SW-846:8270C	ug/L	13	0	0	10.2	10.646	11.5	13	100	-	-	0	0	0	0	-	-	4	-	-	-
Bis(2-chloroethyl)ether	SW-846:8270C	ug/L	13	0	0	10.2	10.646	11.5	13	100	-	-	13	0	0	0	5.3	HHPU	4	-	-	-
Bis(2-ethylhexyl)phthalate	SW-846:8270C	ug/L	13	0	0	10.2	10.646	11.5	13	100	-	-	0	0	0	0	22	HHPU	4	-	-	-
Bromophenyl-phenylether[4-]	SW-846:8270C	ug/L	13	0	0	10.2	10.646	11.5	13	100	-	-	0	0	0	0	-	-	4	-	-	-
Butylbenzylphthalate	SW-846:8270C	ug/L	13	0	0	10.2	10.646	11.5	13	100	-	-	0	0	0	0	1900	HHPU	4	-	-	-
Chloro-3-methylphenol[4-]	SW-846:8270C	ug/L	11	0	0	10.2	10.618	11.5	11	100	-	-	0	0	0	0	-	-	4	-	-	-
Chloroaniline[4-]	SW-846:8270C	ug/L	13	0	0	10.2	10.646	11.5	13	100	-	-	0	0	0	0	-	-	4	-	-	-
Chloronaphthalene[2-]	SW-846:8270C	ug/L	13	0	0	1	1.06	1.15	13	100	-	-	0	0	0	0	1600	HHPU	4	-	-	-
Chlorophenol[2-]	SW-846:8270C	ug/L	11	0	0	10.2	10.618	11.5	11	100	-	-	0	0	0	0	150	HHPU	4	-	-	-
Chlorophenyl-phenyl[4-] Ether	SW-846:8270C	ug/L	13	0	0	10.2	10.646	11.5	13	100	-	-	0	0	0	0	-	-	4	-	-	-
Chrysene	SW-846:8270C	ug/L	13	0	0	1	1.06	1.15	13	100	-	-	13	0	0	0	0.18	HHPU	4	-	-	-
Dibenz(a,h)anthracene	SW-846:8270C	ug/L	13	0	0	1	1.06	1.15	13	100	-	-	13	0	0	0	0.18	HHPU	4	-	-	-
Dibenzofuran	SW-846:8270C	ug/L	13	0	0	10.2	10.646	11.5	13	100	-	-	0	0	0	0	-	-	4	-	-	-
Dichlorobenzene[1,2-]	SW-846:8270C	ug/L	13	0	0	10.2	10.646	11.5	13	100	-	-	0	0	0	0	17000	HHPU	4	-	-	-
Dichlorobenzene[1,3-]	SW-846:8270C	ug/L	13	0	0	10.2	10.646	11.5	13	100	-	-	0	0	0	0	960	HHPU	4	-	-	-
Dichlorobenzene[1,4-]	SW-846:8270C	ug/L	13	0	0	10.2	10.646	11.5	13	100	-	-	0	0	0	0	2600	HHPU	4	-	-	-
Dichlorobenzidine[3,3'-]	SW-846:8270C	ug/L	13	0	0	10.2	10.646	11.5	13	100	-	-	13	0	0	0	0.28	HHPU	4	-	-	-
Dichlorophenol[2,4-]	SW-846:8270C	ug/L	11	0	0	10.2	10.618	11.5	11	100	-	-	0	0	0	0	290	HHPU	4	-	-	-
Diethylphthalate	SW-846:8270C	ug/L	13	0	0	10.2	10.646	11.5	13	100	-	-	0	0	0	0	44000	HHPU	4	-	-	-
Dimethyl Phthalate	SW-846:8270C	ug/L	13	0	0	10.2	10.646	11.5	13	100	-	-	0	0	0	0	1100000	HHPU	4	-	-	-
Dimethylphenol[2,4-]	SW-846:8270C	ug/L	11	0	0	10.2	10.618	11.5	11	100	-	-	0	0	0	0	850	HHPU	4	-	-	-
Di-n-butylphthalate	SW-846:8270C	ug/L	13	0	0	10.2	10.646	11.5	13	100	-	-	0	0	0	0	4500	HHPU	4	-	-	-
Dinitro-2-methylphenol[4,6-]	SW-846:8270C	ug/L	11	0	0	10.2	10.618	11.5	11	100	-	-	0	0	0	0	280	HHPU	4	-	-	-
Dinitrophenol[2,4-]	SW-846:8270C	ug/L	11	0	0	20.4	21.245	23	11	100	-	-	0	0	0	0	5300	HHPU	4	-	-	-
Dinitrotoluene[2,4-]	SW-846:8270C	ug/L	13	0	0	10.2	10.646	11.5	13	100	-	-	0	0	0	0	34	HHPU	4	-	-	-
Dinitrotoluene[2,6-]	SW-846:8270C	ug/L	13	0	0	10.2	10.646	11.5	13	100	-	-	0	0	0	0	-	-	4	-	-	-
Di-n-octylphthalate	SW-846:8270C	ug/L	13	0	0	10.2	10.646	11.5	13	100	-	-	0	0	0	0	-	-	4	-	-	-
Dinoseb	SW-846:8270C	ug/L	11	0	0	10.2	10.618	11.5	11	100	-	-	0	0	0	0	-	-	4	-	-	-
Dioxane[1,4-]	SW-846:8270C	ug/L	10	0	0	10.2	10.68	11.5	10	100	-	-	0	0	0	0	-	-	4	-	-	-
Diphenylamine	SW-846:8270C	ug/L	13	0	0	10.2	10.646	11.5	13	100	-	-	0	0	0	0	-	-	4	-	-	-
Fluoranthene	SW-846:8270C	ug/L	13	0	0	1	1.06	1.15	13	100	-	-	0	0	0	0	140	HHPU	4	-	-	-
Fluorene	SW-846:8270C	ug/L	13	0	0	1	1.06	1.15	13	100	-	-	0	0	0	0	5300	HHPU	4	-	-	-
Hexachlorobenzene	SW-846:8270C	ug/L	13	0	0	10.2	10.646	11.5	13	100	-	-	13	0	0	0	0.0029	HHPU	4	-	-	-
Hexachlorobutadiene	SW-846:8270C	ug/L	13	0	0	10.2	10.646	11.5	13	100	-	-	0	0	0	0	180	HHPU	4	-	-	-
Hexachlorocyclopentadiene	SW-846:8270C	ug/L	13	0	0	10.2	10.646	11.5	13	100	-	-	0	0	0	0	17000	HHPU	4	-	-	-
Hexachloroethane	SW-846:8270C	ug/L	13	0	0	10.2	10.646	11.5	13	100	-	-	0	0	0	0	33	HHPU	4	-	-	-
Indeno(1,2,3-cd)pyrene	SW-846:8270C	ug/L	13	0	0	1	1.06	1.15	13	100	-	-	13	0	0	0	0.18	HHPU	4	-	-	-
Isophorone	SW-846:8270C	ug/L	13	0	0	10.2	10.646	11.5	13	100	-	-	0	0	0	0	9600	HHPU	4	-	-	-
Methylnaphthalene[1-]	SW-846:8270C	ug/L	13	0	0	1	1.06	1.15	13	100	-	-	0	0	0	0	-	-	4	-	-	-
Methylnaphthalene[2-]	SW-846:8270C	ug/L	13	0	0	1	1.06	1.15	13	100	-	-	0	0	0	0	-	-	4	-	-	-

Table B-5
Screening Table for Water Canyon Watershed (including Cañon de Valle, Potrillo Canyon, and Fence Canyon)

Analyte	Method	Units	No. of Analyses	No. of Detects	D Rate %	Min	Mean	Max	No. of Non-detects	ND Rate %	BV	D> BV	ND> Std	D> Std	D> Std/2	D>Std/2 Rate %	Level	Std Type	Locations with Data (number)	D>Std (number of locations)	D>Std/2 (number of locations)	D>Std Stations
Methylphenol[2-]	SW-846:8270C	ug/L	11	0	0	10.2	10.618	11.5	11	100	-	-	0	0	0	0	-	-	4	-	-	-
Methylphenol[3-,4-]	SW-846:8270C	ug/L	11	0	0	10.2	10.618	11.5	11	100	-	-	0	0	0	0	-	-	4	-	-	-
Naphthalene	SW-846:8270C	ug/L	13	0	0	1	1.06	1.15	13	100	-	-	0	0	0	0	-	-	4	-	-	-
Nitroaniline[2-]	SW-846:8270C	ug/L	13	0	0	10.2	10.646	11.5	13	100	-	-	0	0	0	0	-	-	4	-	-	-
Nitroaniline[3-]	SW-846:8270C	ug/L	13	0	0	10.2	10.646	11.5	13	100	-	-	0	0	0	0	-	-	4	-	-	-
Nitroaniline[4-]	SW-846:8270C	ug/L	13	0	0	10.2	10.646	11.5	13	100	-	-	0	0	0	0	-	-	4	-	-	-
Nitrobenzene	SW-846:8270C	ug/L	13	0	0	10.2	10.646	11.5	13	100	-	-	0	0	0	0	690	HHPU	4	-	-	-
Nitrophenol[2-]	SW-846:8270C	ug/L	11	0	0	10.2	10.618	11.5	11	100	-	-	0	0	0	0	-	-	4	-	-	-
Nitrophenol[4-]	SW-846:8270C	ug/L	11	0	0	10.2	10.618	11.5	11	100	-	-	0	0	0	0	-	-	4	-	-	-
Nitrosodiethylamine[N-]	SW-846:8270C	ug/L	13	0	0	10.2	10.646	11.5	13	100	-	-	0	0	0	0	-	-	4	-	-	-
Nitrosodimethylamine[N-]	SW-846:8270C	ug/L	13	0	0	1.04	7.5931	10.9	13	100	-	-	0	0	0	0	30	HHPU	4	-	-	-
Nitroso-di-n-butylamine[N-]	SW-846:8270C	ug/L	13	0	0	10.2	10.646	11.5	13	100	-	-	0	0	0	0	-	-	4	-	-	-
Nitroso-di-n-propylamine[N-]	SW-846:8270C	ug/L	13	0	0	1.04	7.5931	10.9	13	100	-	-	9	0	0	0	5.1	HHPU	4	-	-	-
Nitrosopyrrolidine[N-]	SW-846:8270C	ug/L	13	0	0	10.2	10.646	11.5	13	100	-	-	0	0	0	0	-	-	4	-	-	-
Oxybis(1-chloropropane)[2,2'-]	SW-846:8270C	ug/L	9	0	0	10.2	10.478	10.9	9	100	-	-	0	0	0	0	65000	HHPU	4	-	-	-
Pentachlorobenzene	SW-846:8270C	ug/L	13	0	0	10.2	10.646	11.5	13	100	-	-	0	0	0	0	-	-	4	-	-	-
Pentachlorophenol	SW-846:8270C	ug/L	11	0	0	10.2	10.618	11.5	11	100	-	-	0	0	0	0	19	AqAcU	4	-	-	-
Phenanthrene	SW-846:8270C	ug/L	13	0	0	1	1.06	1.15	13	100	-	-	0	0	0	0	-	-	4	-	-	-
Phenol	SW-846:8270C	ug/L	11	0	0	10.2	10.618	11.5	11	100	-	-	0	0	0	0	1700000	HHPU	4	-	-	-
Pyrene	SW-846:8270C	ug/L	13	0	0	1	1.06	1.15	13	100	-	-	0	0	0	0	4000	HHPU	4	-	-	-
Pyridine	SW-846:8270C	ug/L	3	0	0	10.2	10.333	10.5	3	100	-	-	0	0	0	0	-	-	2	-	-	-
Tetrachlorobenzene[1,2,4,5]	SW-846:8270C	ug/L	13	0	0	10.2	10.646	11.5	13	100	-	-	0	0	0	0	-	-	4	-	-	-
Tetrachlorophenol[2,3,4,6-]	SW-846:8270C	ug/L	11	0	0	10.2	10.618	11.5	11	100	-	-	0	0	0	0	-	-	4	-	-	-
Trichlorobenzene[1,2,4-]	SW-846:8270C	ug/L	13	0	0	10.2	10.646	11.5	13	100	-	-	0	0	0	0	940	HHPU	4	-	-	-
Trichlorophenol[2,4,5-]	SW-846:8270C	ug/L	11	0	0	10.2	10.618	11.5	11	100	-	-	0	0	0	0	-	-	4	-	-	-
Trichlorophenol[2,4,6-]	SW-846:8270C	ug/L	11	0	0	10.2	10.618	11.5	11	100	-	-	0	0	0	0	24	HHPU	4	-	-	-
Water, SVOA, UF, Springs																						
Acenaphthene	SW-846:8270C	ug/L	39	0	0	1	1.0985	2.11	39	100	-	-	0	0	0	0	365	Reg6	7	-	-	-
Acenaphthylene	SW-846:8270C	ug/L	39	0	0	1	1.0985	2.11	39	100	-	-	0	0	0	0	-	-	7	-	-	-
Aniline	SW-846:8270C	ug/L	39	0	0	10	10.995	21.1	39	100	-	-	0	0	0	0	117.9501	Reg6	7	-	-	-
Anthracene	SW-846:8270C	ug/L	39	0	0	1	1.0985	2.11	39	100	-	-	0	0	0	0	1825	Reg6	7	-	-	-
Atrazine	SW-846:8270C	ug/L	26	0	0	10	11.131	21.1	26	100	-	-	26	0	0	0	3	MCL	7	-	-	-
Azobenzene	SW-846:8270C	ug/L	39	0	0	1	10.508	21.1	39	100	-	-	37	0	0	0	6.111958	Reg6	7	-	-	-
Benzidine	SW-846:8270C	ug/L	18	0	0	10.2	20.767	55.6	18	100	-	-	18	0	0	0	0.000936258	Reg6	7	-	-	-
Benzo(a)anthracene	SW-846:8270C	ug/L	39	0	0	1	1.0985	2.11	39	100	-	-	39	0	0	0	0.2949853	Reg6	7	-	-	-
Benzo(a)pyrene	SW-846:8270C	ug/L	39	0	0	1	1.0985	2.11	39	100	-	-	39	0	0	0	0.2	MCL	7	-	-	-
Benzo(b)fluoranthene	SW-846:8270C	ug/L	39	0	0	1	1.0985	2.11	39	100	-	-	39	0	0	0	0.2949853	Reg6	7	-	-	-
Benzo(g,h,i)perylene	SW-846:8270C	ug/L	39	0	0	1	1.0985	2.11	39	100	-	-	0	0	0	0	-	-	7	-	-	-
Benzo(k)fluoranthene	SW-846:8270C	ug/L	39	0	0	1	1.0985	2.11	39	100	-	-	0	0	0	0	2.949853	Reg6	7	-	-	-
Benzoic Acid	SW-846:8270C	ug/L	35	0	0	20	22.077	42.1	35	100	-	-	0	0	0	0	146000	Reg6	7	-	-	-
Benzyl Alcohol	SW-846:8270C	ug/L	39	0	0	10	10.995	21.1	39	100	-	-	0	0	0	0	10950	Reg6	7	-	-	-
Bis(2-chloroethoxy)methane	SW-846:8270C	ug/L	36	0	0	10	11.033	21.1	36	100	-	-	0	0	0	0	-	-	7	-	-	-
Bis(2-chloroethyl)ether	SW-846:8270C	ug/L	39	0	0	10	10.995	21.1	39	100	-	-	39	0	0	0	0.602164	Reg6	7	-	-	-
Bis(2-ethylhexyl)phthalate	SW-846:8270C	ug/L	39	0	0	1.8	10.785	21.1	39	100	-	-	38	0	0	0	6	MCL	7	-	-	-
Bromophenyl-phenylether[4-]	SW-846:8270C	ug/L	39	0	0	10	10.995	21.1	39	100	-	-	0	0	0	0	-	-	7	-	-	-
Butylbenzylphthalate	SW-846:8270C	ug/L	39	0	0	10	10.995	21.1	39	100	-	-	0	0	0	0	7300	Reg6	7	-	-	-
Chloro-3-methylphenol[4-]	SW-846:8270C	ug/L	35	0	0	10	11.04	21.1	35	100	-	-	0	0	0	0	-	-	7	-	-	-
Chloroaniline[4-]	SW-846:8270C	ug/L	39	0	0	10	10.995	21.1	39	100	-	-	0	0	0	0	146	Reg6	7	-	-	-
Chloronaphthalene[2-]	SW-846:8270C	ug/L	39	0	0	1	1.0985	2.11	39	100	-	-	0	0	0	0	486.6667	Reg6	7	-	-	-
Chlorophenol[2-]	SW-846:8270C	ug/L	35	0	0	10	11.04	21.1	35	100	-	-	0	0	0	0	30.41667	Reg6	7	-	-	-
Chlorophenyl-phenyl[4-] Ether	SW-846:8270C	ug/L	39	0	0	10	10.995	21.1	39	100	-	-	0	0	0	0	-	-	7	-	-	-
Chrysene	SW-846:8270C	ug/L	39	0	0	1	1.0985	2.11	39	100	-	-	39	0	0	0	0.2	MCL	7	-	-	-
Dibenz(a,h)anthracene	SW-846:8270C	ug/L	39	0	0	1	1.0985	2.11	39	100	-	-	39	0	0	0	0.02949853	Reg6	7	-	-	-
Dibenzofuran	SW-846:8270C	ug/L	39	0	0	10	10.995	21.1	39	100	-	-	3	0	0	0	12.16667	Reg6	7	-	-	-
Dichlorobenzene[1,2-]	SW-846:8270C	ug/L	39	0	0	10	10.995	21.1	39	100	-	-	0	0	0	0	600	MCL	7	-	-	-
Dichlorobenzene[1,3-]	SW-846:8270C	ug/L	39	0	0	10	10.995	21.1	39	100	-	-	0	0	0	0	600	MCL	7	-	-	-
Dichlorobenzene[1,4-]	SW-846:8270C	ug/L	39	0	0	10	10.995	21.1	39	100	-	-	0	0	0	0	75	MCL	7	-	-	-

Table B-5
Screening Table for Water Canyon Watershed (including Cañon de Valle, Potrillo Canyon, and Fence Canyon)

Analyte	Method	Units	No. of Analyses	No. of Detects	D Rate %	Min	Mean	Max	No. of Non-detects	ND Rate %	BV	D> BV	ND> Std	D> Std	D> Std/2	D>Std/2 Rate %	Level	Std Type	Locations with Data (number)	D>Std (number of locations)	D>Std/2 (number of locations)	D>Std Stations
Dichlorobenzidine[3,3'-]	SW-846:8270C	ug/L	39	0	0	10	10.995	21.1	39	100	-	-	39	0	0	0	1.494034	Reg6	7	-	-	-
Dichlorophenol[2,4-]	SW-846:8270C	ug/L	35	0	0	10	11.04	21.1	35	100	-	-	0	0	0	0	109.5	Reg6	7	-	-	-
Diethylphthalate	SW-846:8270C	ug/L	39	0	0	10	10.995	21.1	39	100	-	-	0	0	0	0	29200	Reg6	7	-	-	-
Dimethyl Phthalate	SW-846:8270C	ug/L	39	0	0	10	10.995	21.1	39	100	-	-	0	0	0	0	365000	Reg6	7	-	-	-
Dimethylphenol[2,4-]	SW-846:8270C	ug/L	35	0	0	10	11.04	21.1	35	100	-	-	0	0	0	0	730	Reg6	7	-	-	-
Di-n-butylphthalate	SW-846:8270C	ug/L	39	1	3	1.4	1.4	1.4	38	97	-	-	0	0	0	0	3650	Reg6	7	-	-	-
Dinitro-2-methylphenol[4,6-]	SW-846:8270C	ug/L	35	0	0	10	11.04	21.1	35	100	-	-	0	0	0	0	-	-	7	-	-	-
Dinitrophenol[2,4-]	SW-846:8270C	ug/L	35	0	0	20	22.077	42.1	35	100	-	-	0	0	0	0	73	Reg6	7	-	-	-
Dinitrotoluene[2,4-]	SW-846:8270C	ug/L	39	0	0	10	10.995	21.1	39	100	-	-	0	0	0	0	73	Reg6	7	-	-	-
Dinitrotoluene[2,6-]	SW-846:8270C	ug/L	39	0	0	10	10.995	21.1	39	100	-	-	0	0	0	0	36.5	Reg6	7	-	-	-
Di-n-octylphthalate	SW-846:8270C	ug/L	39	0	0	10	10.995	21.1	39	100	-	-	0	0	0	0	-	-	7	-	-	-
Dinoseb	SW-846:8270C	ug/L	23	0	0	10	11.226	21.1	23	100	-	-	0	0	0	0	-	-	7	-	-	-
Dioxane[1,4-]	SW-846:8270C	ug/L	21	0	0	10	11.286	21.1	21	100	-	-	0	0	0	0	61.11958	Reg6	7	-	-	-
Diphenylamine	SW-846:8270C	ug/L	34	0	0	10	11.038	21.1	34	100	-	-	0	0	0	0	912.5	Reg6	7	-	-	-
Fluoranthene	SW-846:8270C	ug/L	39	0	0	1	1.0985	2.11	39	100	-	-	0	0	0	0	1460	Reg6	7	-	-	-
Fluorene	SW-846:8270C	ug/L	39	0	0	1	1.0985	2.11	39	100	-	-	0	0	0	0	243.3333	Reg6	7	-	-	-
Hexachlorobenzene	SW-846:8270C	ug/L	39	0	0	10	10.995	21.1	39	100	-	-	39	0	0	0	1	MCL	7	-	-	-
Hexachlorobutadiene	SW-846:8270C	ug/L	39	0	0	10	10.995	21.1	39	100	-	-	39	0	0	0	8.619427	Reg6	7	-	-	-
Hexachlorocyclopentadiene	SW-846:8270C	ug/L	39	0	0	10	10.995	21.1	39	100	-	-	0	0	0	0	50	MCL	7	-	-	-
Hexachloroethane	SW-846:8270C	ug/L	39	0	0	10	10.995	21.1	39	100	-	-	0	0	0	0	48.02252	Reg6	7	-	-	-
Indeno(1,2,3-cd)pyrene	SW-846:8270C	ug/L	39	0	0	1	1.0985	2.11	39	100	-	-	39	0	0	0	0.2949853	Reg6	7	-	-	-
Isophorone	SW-846:8270C	ug/L	39	0	0	10	10.995	21.1	39	100	-	-	0	0	0	0	707.7004	Reg6	7	-	-	-
Methylnaphthalene[1-]	SW-846:8270C	ug/L	26	0	0	1	1.1131	2.11	26	100	-	-	0	0	0	0	-	-	7	-	-	-
Methylnaphthalene[2-]	SW-846:8270C	ug/L	39	0	0	1	1.0985	2.11	39	100	-	-	0	0	0	0	-	-	7	-	-	-
Methylphenol[2-]	SW-846:8270C	ug/L	36	0	0	10	11.044	21.1	36	100	-	-	0	0	0	0	1825	Reg6	7	-	-	-
Methylphenol[3-,4-]	SW-846:8270C	ug/L	23	0	0	10	11.226	21.1	23	100	-	-	0	0	0	0	-	-	7	-	-	-
Methylphenol[4-]	SW-846:8270C	ug/L	13	0	0	10	10.723	12.5	13	100	-	-	0	0	0	0	182.5	Reg6	5	-	-	-
Naphthalene	SW-846:8270C	ug/L	38	0	0	1	1.0989	2.11	38	100	-	-	0	0	0	0	30	NMGSU	7	-	-	-
Nitroaniline[2-]	SW-846:8270C	ug/L	39	0	0	10	10.995	21.1	39	100	-	-	0	0	0	0	109.5	Reg6	7	-	-	-
Nitroaniline[3-]	SW-846:8270C	ug/L	39	0	0	10	10.995	21.1	39	100	-	-	0	0	0	0	-	-	7	-	-	-
Nitroaniline[4-]	SW-846:8270C	ug/L	39	0	0	10	10.995	21.1	39	100	-	-	0	0	0	0	-	-	7	-	-	-
Nitrobenzene	SW-846:8270C	ug/L	39	0	0	10	10.995	21.1	39	100	-	-	39	0	0	0	3.395349	Reg6	7	-	-	-
Nitrophenol[2-]	SW-846:8270C	ug/L	35	0	0	10	11.04	21.1	35	100	-	-	0	0	0	0	-	-	7	-	-	-
Nitrophenol[4-]	SW-846:8270C	ug/L	35	0	0	10	11.04	21.1	35	100	-	-	0	0	0	0	292	Reg6	7	-	-	-
Nitrosodiethylamine[N-]	SW-846:8270C	ug/L	26	0	0	10	11.131	21.1	26	100	-	-	26	0	0	0	0.001435595	Reg6	7	-	-	-
Nitrosodimethylamine[N-]	SW-846:8270C	ug/L	39	0	0	10	10.995	21.1	39	100	-	-	39	0	0	0	0.004222338	Reg6	7	-	-	-
Nitroso-di-n-butylamine[N-]	SW-846:8270C	ug/L	26	0	0	10	11.131	21.1	26	100	-	-	26	0	0	0	0.1226854	Reg6	7	-	-	-
Nitroso-di-n-propylamine[N-]	SW-846:8270C	ug/L	39	0	0	10	10.995	21.1	39	100	-	-	39	0	0	0	0.09604505	Reg6	7	-	-	-
Nitrosodiphenylamine[N-]	SW-846:8270C	ug/L	5	0	0	10	10.7	11.2	5	100	-	-	0	0	0	0	137.2072	Reg6	2	-	-	-
Nitrosopyrrolidine[N-]	SW-846:8270C	ug/L	26	0	0	10	11.131	21.1	26	100	-	-	26	0	0	0	0.3201502	Reg6	7	-	-	-
Oxybis(1-chloropropane)[2,2'-]	SW-846:8270C	ug/L	36	0	0	10	11.022	21.1	36	100	-	-	36	0	0	0	9.536393	Reg6	7	-	-	-
Pentachlorobenzene	SW-846:8270C	ug/L	26	0	0	10	11.131	21.1	26	100	-	-	0	0	0	0	29.2	Reg6	7	-	-	-
Pentachlorophenol	SW-846:8270C	ug/L	35	0	0	10	11.04	21.1	35	100	-	-	35	0	0	0	1	MCL	7	-	-	-
Phenanthrene	SW-846:8270C	ug/L	35	0	0	1	1.1043	2.11	35	100	-	-	0	0	0	0	-	-	7	-	-	-
Phenol	SW-846:8270C	ug/L	35	0	0	10	11.04	21.1	35	100	-	-	35	0	0	0	5	NMGSU	7	-	-	-
Pyrene	SW-846:8270C	ug/L	39	0	0	1	1.0985	2.11	39	100	-	-	0	0	0	0	182.5	Reg6	7	-	-	-
Pyridine	SW-846:8270C	ug/L	19	0	0	10	11.311	21.1	19	100	-	-	0	0	0	0	36.5	Reg6	7	-	-	-
Tetrachlorobenzene[1,2,4,5]	SW-846:8270C	ug/L	26	0	0	10	11.131	21.1	26	100	-	-	26	0	0	0	0.00003	MCL	7	-	-	-
Tetrachlorophenol[2,3,4,6-]	SW-846:8270C	ug/L	23	0	0	10	11.226	21.1	23	100	-	-	23	0	0	0	5	MCL	7	-	-	-
Trichlorobenzene[1,2,4-]	SW-846:8270C	ug/L	39	0	0	10	10.995	21.1	39	100	-	-	0	0	0	0	70	MCL	7	-	-	-
Trichlorophenol[2,4,5-]	SW-846:8270C	ug/L	35	0	0	10	11.04	21.1	35	100	-	-	0	0	0	0	3650	Reg6	7	-	-	-
Trichlorophenol[2,4,6-]	SW-846:8270C	ug/L	35	0	0	10	11.04	21.1	35	100	-	-	0	0	0	0	61.11958	Reg6	7	-	-	-
Water, SVOA, UF, Alluvial																						
Acenaphthene	SW-846:8270C	ug/L	57	0	0	0.909	1.0993	1.7	57	100	-	-	0	0	0	0	365	Reg6	11	-	-	-
Acenaphthylene	SW-846:8270C	ug/L	57	0	0	0.909	1.0993	1.7	57	100	-	-	0	0	0	0	-	-	11	-	-	-
Acetophenone	SW-846:8270C	ug/L	1	0	0	10	10	10	1	100	-	-	0	0	0	0	608.3333	Reg6	1	-	-	-
Aniline	SW-846:8270C	ug/L	56	0	0	9.09	11.052	16.7	56	100	-	-	0	0	0	0	117.9501	Reg6	11	-	-	-

Table B-5
Screening Table for Water Canyon Watershed (including Cañon de Valle, Potrillo Canyon, and Fence Canyon)

Analyte	Method	Units	No. of Analyses	No. of Detects	D Rate %	Min	Mean	Max	No. of Non-detects	ND Rate %	BV	D> BV	ND> Std	D> Std	D> Std/2	D>Std/2 Rate %	Level	Std Type	Locations with Data (number)	D>Std (number of locations)	D>Std/2 (number of locations)	D>Std Stations
Anthracene	SW-846:8270C	ug/L	57	0	0	0.26	1.0863	1.7	57	100	-	-	0	0	0	0	1825	Reg6	11	-	-	-
Atrazine	SW-846:8270C	ug/L	30	0	0	9.09	10.886	12.2	30	100	-	-	30	0	0	0	3	MCL	9	-	-	-
Azobenzene	SW-846:8270C	ug/L	56	0	0	1	10.275	13.5	56	100	-	-	52	0	0	0	6.111958	Reg6	11	-	-	-
Benzidine	SW-846:8270C	ug/L	24	0	0	9.09	19.558	54.9	24	100	-	-	24	0	0	0	0.000936258	Reg6	9	-	-	-
Benzo(a)anthracene	SW-846:8270C	ug/L	57	0	0	0.38	1.0884	1.7	57	100	-	-	57	0	0	0	0.2949853	Reg6	11	-	-	-
Benzo(a)pyrene	SW-846:8270C	ug/L	57	0	0	0.909	1.0993	1.7	57	100	-	-	57	0	0	0	0.2	MCL	11	-	-	-
Benzo(b)fluoranthene	SW-846:8270C	ug/L	57	0	0	0.26	1.0863	1.7	57	100	-	-	56	0	0	0	0.2949853	Reg6	11	-	-	-
Benzo(g,h,i)perylene	SW-846:8270C	ug/L	57	0	0	0.909	1.0993	1.7	57	100	-	-	0	0	0	0	-	-	11	-	-	-
Benzo(k)fluoranthene	SW-846:8270C	ug/L	57	0	0	0.25	1.0861	1.7	57	100	-	-	0	0	0	0	2.949853	Reg6	11	-	-	-
Benzoic Acid	SW-846:8270C	ug/L	49	0	0	18.2	22.212	33.3	49	100	-	-	0	0	0	0	146000	Reg6	10	-	-	-
Benzyl Alcohol	SW-846:8270C	ug/L	57	0	0	9.09	11.033	16.7	57	100	-	-	0	0	0	0	10950	Reg6	11	-	-	-
Bis(2-chloroethoxy)methane	SW-846:8270C	ug/L	53	0	0	9.9	11.075	16.7	53	100	-	-	0	0	0	0	-	-	11	-	-	-
Bis(2-chloroethyl)ether	SW-846:8270C	ug/L	57	0	0	9.09	11.033	16.7	57	100	-	-	57	0	0	0	0.602164	Reg6	11	-	-	-
Bis(2-ethylhexyl)phthalate	SW-846:8270C	ug/L	57	4	7	2.4	10.275	33.2	53	93	-	-	51	1	1	2	6	MCL	11	1	1	CDV-16-02658
Bromophenyl-phenylether[4-]	SW-846:8270C	ug/L	57	0	0	9.09	11.033	16.7	57	100	-	-	0	0	0	0	-	-	11	-	-	-
Butylbenzylphthalate	SW-846:8270C	ug/L	57	0	0	9.09	11.033	16.7	57	100	-	-	0	0	0	0	7300	Reg6	11	-	-	-
Carbazole	SW-846:8270C	ug/L	1	0	0	0.25	0.25	0.25	1	100	-	-	0	0	0	0	33.61577	Reg6	1	-	-	-
Chloro-3-methylphenol[4-]	SW-846:8270C	ug/L	51	0	0	9.09	11.098	16.7	51	100	-	-	0	0	0	0	-	-	10	-	-	-
Chloroaniline[4-]	SW-846:8270C	ug/L	57	0	0	9.09	11.033	16.7	57	100	-	-	0	0	0	0	146	Reg6	11	-	-	-
Chloronaphthalene[2-]	SW-846:8270C	ug/L	57	0	0	0.909	1.0993	1.7	57	100	-	-	0	0	0	0	486.6667	Reg6	11	-	-	-
Chlorophenol[2-]	SW-846:8270C	ug/L	51	0	0	9.09	11.098	16.7	51	100	-	-	0	0	0	0	30.41667	Reg6	10	-	-	-
Chlorophenyl-phenyl[4-] Ether	SW-846:8270C	ug/L	57	0	0	9.09	11.033	16.7	57	100	-	-	0	0	0	0	-	-	11	-	-	-
Chrysene	SW-846:8270C	ug/L	57	0	0	0.32	1.0874	1.7	57	100	-	-	57	0	0	0	0.2	MCL	11	-	-	-
Dibenz(a,h)anthracene	SW-846:8270C	ug/L	57	0	0	0.909	1.0993	1.7	57	100	-	-	57	0	0	0	0.02949853	Reg6	11	-	-	-
Dibenzofuran	SW-846:8270C	ug/L	57	0	0	9.09	11.033	16.7	57	100	-	-	4	0	0	0	12.16667	Reg6	11	-	-	-
Dichlorobenzene[1,2-]	SW-846:8270C	ug/L	57	0	0	9.09	11.033	16.7	57	100	-	-	0	0	0	0	600	MCL	11	-	-	-
Dichlorobenzene[1,3-]	SW-846:8270C	ug/L	57	0	0	9.09	11.033	16.7	57	100	-	-	0	0	0	0	600	MCL	11	-	-	-
Dichlorobenzene[1,4-]	SW-846:8270C	ug/L	57	0	0	9.09	11.033	16.7	57	100	-	-	0	0	0	0	75	MCL	11	-	-	-
Dichlorobenzidine[3,3'-]	SW-846:8270C	ug/L	57	0	0	9.09	11.033	16.7	57	100	-	-	57	0	0	0	1.494034	Reg6	11	-	-	-
Dichlorophenol[2,4-]	SW-846:8270C	ug/L	50	0	0	9.09	11.096	16.7	50	100	-	-	0	0	0	0	109.5	Reg6	10	-	-	-
Diethylphthalate	SW-846:8270C	ug/L	57	1	2	1	1	1	56	98	-	-	0	0	0	0	29200	Reg6	11	-	-	-
Dimethyl Phthalate	SW-846:8270C	ug/L	57	0	0	9.09	11.033	16.7	57	100	-	-	0	0	0	0	365000	Reg6	11	-	-	-
Dimethylphenol[2,4-]	SW-846:8270C	ug/L	51	0	0	9.09	11.098	16.7	51	100	-	-	0	0	0	0	730	Reg6	10	-	-	-
Di-n-butylphthalate	SW-846:8270C	ug/L	57	0	0	1.1	10.861	16.7	57	100	-	-	0	0	0	0	3650	Reg6	11	-	-	-
Dinitro-2-methylphenol[4,6-]	SW-846:8270C	ug/L	51	0	0	9.09	11.098	16.7	51	100	-	-	0	0	0	0	-	-	10	-	-	-
Dinitrophenol[2,4-]	SW-846:8270C	ug/L	50	0	0	18.2	22.188	33.3	50	100	-	-	0	0	0	0	73	Reg6	10	-	-	-
Dinitrotoluene[2,4-]	SW-846:8270C	ug/L	57	0	0	5.1	10.947	16.7	57	100	-	-	0	0	0	0	73	Reg6	11	-	-	-
Dinitrotoluene[2,6-]	SW-846:8270C	ug/L	57	0	0	9.09	11.033	16.7	57	100	-	-	0	0	0	0	36.5	Reg6	11	-	-	-
Di-n-octylphthalate	SW-846:8270C	ug/L	57	1	2	9.6	9.6	9.6	56	98	-	-	0	0	0	0	-	-	11	-	-	-
Dinoseb	SW-846:8270C	ug/L	27	0	0	9.09	10.94	12.2	27	100	-	-	0	0	0	0	-	-	8	-	-	-
Dioxane[1,4-]	SW-846:8270C	ug/L	25	0	0	1.42	10.364	12.2	25	100	-	-	0	0	0	0	61.11958	Reg6	9	-	-	-
Diphenylamine	SW-846:8270C	ug/L	41	0	0	9.09	10.805	12.2	41	100	-	-	0	0	0	0	912.5	Reg6	10	-	-	-
Fluoranthene	SW-846:8270C	ug/L	57	0	0	0.26	1.0863	1.7	57	100	-	-	0	0	0	0	1460	Reg6	11	-	-	-
Fluorene	SW-846:8270C	ug/L	57	0	0	0.25	1.0861	1.7	57	100	-	-	0	0	0	0	243.3333	Reg6	11	-	-	-
Hexachlorobenzene	SW-846:8270C	ug/L	57	0	0	9.09	11.033	16.7	57	100	-	-	57	0	0	0	1	MCL	11	-	-	-
Hexachlorobutadiene	SW-846:8270C	ug/L	57	0	0	9.09	11.033	16.7	57	100	-	-	57	0	0	0	8.619427	Reg6	11	-	-	-
Hexachlorocyclopentadiene	SW-846:8270C	ug/L	57	0	0	9.09	11.033	16.7	57	100	-	-	0	0	0	0	50	MCL	11	-	-	-
Hexachloroethane	SW-846:8270C	ug/L	57	0	0	9.09	11.033	16.7	57	100	-	-	0	0	0	0	48.02252	Reg6	11	-	-	-
Indeno(1,2,3-cd)pyrene	SW-846:8270C	ug/L	57	0	0	0.909	1.0993	1.7	57	100	-	-	57	0	0	0	0.2949853	Reg6	11	-	-	-
Isophorone	SW-846:8270C	ug/L	57	0	0	9.09	11.033	16.7	57	100	-	-	0	0	0	0	707.7004	Reg6	11	-	-	-
Methylnaphthalene[1-]	SW-846:8270C	ug/L	30	0	0	0.909	1.0886	1.22	30	100	-	-	0	0	0	0	-	-	9	-	-	-
Methylnaphthalene[2-]	SW-846:8270C	ug/L	57	0	0	0.909	1.0993	1.7	57	100	-	-	0	0	0	0	-	-	11	-	-	-
Methylphenol[2-]	SW-846:8270C	ug/L	51	0	0	9.09	11.098	16.7	51	100	-	-	0	0	0	0	1825	Reg6	10	-	-	-
Methylphenol[3-,4-]	SW-846:8270C	ug/L	27	0	0	9.09	10.94	12.2	27	100	-	-	0	0	0	0	-	-	8	-	-	-
Methylphenol[4-]	SW-846:8270C	ug/L	24	0	0	10	11.275	16.7	24	100	-	-	0	0	0	0	182.5	Reg6	9	-	-	-
Naphthalene	SW-846:8270C	ug/L	47	0	0	0.909	1.1017	1.7	47	100	-	-	0	0	0	0	30	NMGSU	10	-	-	-
Nitroaniline[2-]	SW-846:8270C	ug/L	57	0	0	9.09	11.033	16.7	57	100	-	-	0	0	0	0	109.5	Reg6	11	-	-	-

Table B-5
Screening Table for Water Canyon Watershed (including Cañon de Valle, Potrillo Canyon, and Fence Canyon)

Analyte	Method	Units	No. of Analyses	No. of Detects	D Rate %	Min	Mean	Max	No. of Non-detects	ND Rate %	BV	D> BV	ND> Std	D> Std	D> Std/2	D>Std/2 Rate %	Level	Std Type	Locations with Data (number)	D>Std (number of locations)	D>Std/2 (number of locations)	D>Std Stations
Nitroaniline[3-]	SW-846:8270C	ug/L	57	0	0	9.09	11.033	16.7	57	100	-	-	0	0	0	0	-	-	11	-	-	-
Nitroaniline[4-]	SW-846:8270C	ug/L	57	0	0	9.09	11.033	16.7	57	100	-	-	0	0	0	0	-	-	11	-	-	-
Nitrobenzene	SW-846:8270C	ug/L	57	0	0	9.09	11.033	16.7	57	100	-	-	57	0	0	0	3.395349	Reg6	11	-	-	-
Nitrophenol[2-]	SW-846:8270C	ug/L	51	0	0	9.09	11.098	16.7	51	100	-	-	0	0	0	0	-	-	10	-	-	-
Nitrophenol[4-]	SW-846:8270C	ug/L	51	0	0	9.09	11.098	16.7	51	100	-	-	0	0	0	0	292	Reg6	10	-	-	-
Nitrosodiethylamine[N-]	SW-846:8270C	ug/L	30	0	0	9.09	10.886	12.2	30	100	-	-	30	0	0	0	0.001435595	Reg6	9	-	-	-
Nitrosodimethylamine[N-]	SW-846:8270C	ug/L	56	0	0	1.16	10.865	16.7	56	100	-	-	56	0	0	0	0.004222338	Reg6	11	-	-	-
Nitroso-di-n-butylamine[N-]	SW-846:8270C	ug/L	30	0	0	9.09	10.886	12.2	30	100	-	-	30	0	0	0	0.1226854	Reg6	9	-	-	-
Nitroso-di-n-propylamine[N-]	SW-846:8270C	ug/L	57	0	0	1.16	10.85	16.7	57	100	-	-	57	0	0	0	0.09604505	Reg6	11	-	-	-
Nitrosodiphenylamine[N-]	SW-846:8270C	ug/L	16	0	0	10.2	11.619	16.7	16	100	-	-	0	0	0	0	137.2072	Reg6	7	-	-	-
Nitrosopyrrolidine[N-]	SW-846:8270C	ug/L	30	0	0	9.09	10.886	12.2	30	100	-	-	30	0	0	0	0.3201502	Reg6	9	-	-	-
Oxybis(1-chloropropane)[2,2'-]	SW-846:8270C	ug/L	55	0	0	9.09	11.051	16.7	55	100	-	-	54	0	0	0	9.536393	Reg6	11	-	-	-
Pentachlorobenzene	SW-846:8270C	ug/L	30	0	0	9.09	10.886	12.2	30	100	-	-	0	0	0	0	29.2	Reg6	9	-	-	-
Pentachlorophenol	SW-846:8270C	ug/L	50	1	2	7.8	7.8	7.8	49	98	-	-	49	1	1	2	1	MCL	10	1	1	WCO-2
Phenanthrene	SW-846:8270C	ug/L	52	0	0	0.35	1.0912	1.7	52	100	-	-	0	0	0	0	-	-	11	-	-	-
Phenol	SW-846:8270C	ug/L	51	0	0	9.09	11.098	16.7	51	100	-	-	51	0	0	0	5	NMGSU	10	-	-	-
Pyrene	SW-846:8270C	ug/L	57	0	0	0.3	1.087	1.7	57	100	-	-	0	0	0	0	182.5	Reg6	11	-	-	-
Pyridine	SW-846:8270C	ug/L	33	0	0	10.1	11.173	16.7	33	100	-	-	0	0	0	0	36.5	Reg6	10	-	-	-
Tetrachlorobenzene[1,2,4,5]	SW-846:8270C	ug/L	30	0	0	9.09	10.886	12.2	30	100	-	-	30	0	0	0	0.00003	MCL	9	-	-	-
Tetrachlorophenol[2,3,4,6-]	SW-846:8270C	ug/L	27	0	0	9.09	10.94	12.2	27	100	-	-	27	0	0	0	5	MCL	8	-	-	-
Trichlorobenzene[1,2,4-]	SW-846:8270C	ug/L	57	0	0	9.09	11.033	16.7	57	100	-	-	0	0	0	0	70	MCL	11	-	-	-
Trichlorophenol[2,4,5-]	SW-846:8270C	ug/L	50	0	0	9.09	11.096	16.7	50	100	-	-	0	0	0	0	3650	Reg6	10	-	-	-
Trichlorophenol[2,4,6-]	SW-846:8270C	ug/L	50	0	0	9.09	11.096	16.7	50	100	-	-	0	0	0	0	61.11958	Reg6	10	-	-	-
Water, SVOA, UF, Intermediate																						
Acenaphthene	SW-846:8270	ug/L	10	0	0	1	1.05	1.2	10	100	-	-	0	0	0	0	365	Reg6	1	-	-	-
Acenaphthene	SW-846:8270C	ug/L	22	0	0	0.962	1.0742	1.2	22	100	-	-	0	0	0	0	365	Reg6	4	-	-	-
Acenaphthylene	SW-846:8270	ug/L	10	0	0	1	1.05	1.2	10	100	-	-	0	0	0	0	-	-	1	-	-	-
Acenaphthylene	SW-846:8270C	ug/L	22	0	0	0.962	1.0742	1.2	22	100	-	-	0	0	0	0	-	-	4	-	-	-
Aniline	SW-846:8270	ug/L	10	0	0	10	10.61	12.5	10	100	-	-	0	0	0	0	117.9501	Reg6	1	-	-	-
Aniline	SW-846:8270C	ug/L	22	0	0	9.62	10.756	12	22	100	-	-	0	0	0	0	117.9501	Reg6	4	-	-	-
Anthracene	SW-846:8270	ug/L	10	0	0	1	1.05	1.2	10	100	-	-	0	0	0	0	1825	Reg6	1	-	-	-
Anthracene	SW-846:8270C	ug/L	22	0	0	0.962	1.0742	1.2	22	100	-	-	0	0	0	0	1825	Reg6	4	-	-	-
Atrazine	SW-846:8270C	ug/L	17	0	0	9.62	10.69	12	17	100	-	-	17	0	0	0	3	MCL	4	-	-	-
Azobenzene	SW-846:8270	ug/L	6	0	0	10	10.367	10.9	6	100	-	-	6	0	0	0	6.111958	Reg6	1	-	-	-
Azobenzene	SW-846:8270C	ug/L	22	0	0	9.62	10.756	12	22	100	-	-	22	0	0	0	6.111958	Reg6	4	-	-	-
Benzidine	SW-846:8270	ug/L	10	0	0	50	53.02	62.5	10	100	-	-	10	0	0	0	0.000936258	Reg6	1	-	-	-
Benzidine	SW-846:8270C	ug/L	11	0	0	10	26.209	60.2	11	100	-	-	11	0	0	0	0.000936258	Reg6	4	-	-	-
Benzo(a)anthracene	SW-846:8270	ug/L	10	0	0	1	1.05	1.2	10	100	-	-	10	0	0	0	0.2949853	Reg6	1	-	-	-
Benzo(a)anthracene	SW-846:8270C	ug/L	22	0	0	0.962	1.0742	1.2	22	100	-	-	22	0	0	0	0.2949853	Reg6	4	-	-	-
Benzo(a)pyrene	SW-846:8270	ug/L	10	0	0	1	1.05	1.2	10	100	-	-	10	0	0	0	0.2	MCL	1	-	-	-
Benzo(a)pyrene	SW-846:8270C	ug/L	22	0	0	0.962	1.0742	1.2	22	100	-	-	22	0	0	0	0.2	MCL	4	-	-	-
Benzo(b)fluoranthene	SW-846:8270	ug/L	10	0	0	1	1.05	1.2	10	100	-	-	10	0	0	0	0.2949853	Reg6	1	-	-	-
Benzo(b)fluoranthene	SW-846:8270C	ug/L	22	0	0	0.962	1.0742	1.2	22	100	-	-	22	0	0	0	0.2949853	Reg6	4	-	-	-
Benzo(g,h,i)perylene	SW-846:8270	ug/L	10	0	0	1	1.05	1.2	10	100	-	-	0	0	0	0	-	-	1	-	-	-
Benzo(g,h,i)perylene	SW-846:8270C	ug/L	20	0	0	0.971	1.0816	1.2	20	100	-	-	0	0	0	0	-	-	4	-	-	-
Benzo(k)fluoranthene	SW-846:8270	ug/L	10	0	0	1	1.05	1.2	10	100	-	-	0	0	0	0	2.949853	Reg6	1	-	-	-
Benzo(k)fluoranthene	SW-846:8270C	ug/L	22	0	0	0.962	1.0742	1.2	22	100	-	-	0	0	0	0	2.949853	Reg6	4	-	-	-
Benzoic Acid	SW-846:8270	ug/L	6	0	0	20	21.733	25	6	100	-	-	0	0	0	0	146000	Reg6	1	-	-	-
Benzoic Acid	SW-846:8270C	ug/L	20	0	0	19.4	21.565	24.1	20	100	-	-	0	0	0	0	146000	Reg6	4	-	-	-
Benzyl Alcohol	SW-846:8270	ug/L	10	0	0	10	10.61	12.5	10	100	-	-	0	0	0	0	10950	Reg6	1	-	-	-
Benzyl Alcohol	SW-846:8270C	ug/L	22	0	0	9.62	10.756	12	22	100	-	-	0	0	0	0	10950	Reg6	4	-	-	-
Bis(2-chloroethoxy)methane	SW-846:8270	ug/L	10	0	0	10	10.61	12.5	10	100	-	-	0	0	0	0	-	-	1	-	-	-
Bis(2-chloroethoxy)methane	SW-846:8270C	ug/L	19	0	0	9.62	10.77	12	19	100	-	-	0	0	0	0	-	-	4	-	-	-
Bis(2-chloroethyl)ether	SW-846:8270	ug/L	10	0	0	10	10.61	12.5	10	100	-	-	10	0	0	0	0.602164	Reg6	1	-	-	-
Bis(2-chloroethyl)ether	SW-846:8270C	ug/L	22	0	0	9.62	10.756	12	22	100	-	-	22	0	0	0	0.602164	Reg6	4	-	-	-
Bis(2-ethylhexyl)phthalate	SW-846:8270	ug/L	10	0	0	1.8	7	10.9	10	100	-	-	6	0	0	0	6	MCL	1	-	-	-
Bis(2-ethylhexyl)phthalate	SW-846:8270C	ug/L	22	0	0	3.4	10.142	12	22	100	-	-	20	0	0	0	6	MCL	4	-	-	-

Table B-5
Screening Table for Water Canyon Watershed (including Cañon de Valle, Potrillo Canyon, and Fence Canyon)

Analyte	Method	Units	No. of Analyses	No. of Detects	D Rate %	Min	Mean	Max	No. of Non-detects	ND Rate %	BV	D> BV	ND> Std	D> Std	D> Std/2	D>Std/2 Rate %	Level	Std Type	Locations with Data (number)	D>Std (number of locations)	D>Std/2 (number of locations)	D>Std Stations
Bromophenyl-phenylether[4-]	SW-846:8270	ug/L	10	0	0	10	10.61	12.5	10	100	-	-	0	0	0	0	-	-	1	-	-	-
Bromophenyl-phenylether[4-]	SW-846:8270C	ug/L	22	0	0	9.62	10.756	12	22	100	-	-	0	0	0	0	-	-	4	-	-	-
Butylbenzylphthalate	SW-846:8270	ug/L	10	0	0	10	10.61	12.5	10	100	-	-	0	0	0	0	7300	Reg6	1	-	-	-
Butylbenzylphthalate	SW-846:8270C	ug/L	22	0	0	9.62	10.756	12	22	100	-	-	0	0	0	0	7300	Reg6	4	-	-	-
Chloro-3-methylphenol[4-]	SW-846:8270	ug/L	10	0	0	10	10.61	12.5	10	100	-	-	0	0	0	0	-	-	1	-	-	-
Chloro-3-methylphenol[4-]	SW-846:8270C	ug/L	21	0	0	9.62	10.735	12	21	100	-	-	0	0	0	0	-	-	4	-	-	-
Chloroaniline[4-]	SW-846:8270	ug/L	10	0	0	10	10.61	12.5	10	100	-	-	0	0	0	0	146	Reg6	1	-	-	-
Chloroaniline[4-]	SW-846:8270C	ug/L	22	0	0	9.62	10.756	12	22	100	-	-	0	0	0	0	146	Reg6	4	-	-	-
Chloronaphthalene[2-]	SW-846:8270	ug/L	10	0	0	1	1.05	1.2	10	100	-	-	0	0	0	0	486.6667	Reg6	1	-	-	-
Chloronaphthalene[2-]	SW-846:8270C	ug/L	22	0	0	0.962	1.0742	1.2	22	100	-	-	0	0	0	0	486.6667	Reg6	4	-	-	-
Chlorophenol[2-]	SW-846:8270	ug/L	10	0	0	10	10.61	12.5	10	100	-	-	0	0	0	0	30.41667	Reg6	1	-	-	-
Chlorophenol[2-]	SW-846:8270C	ug/L	21	0	0	9.62	10.735	12	21	100	-	-	0	0	0	0	30.41667	Reg6	4	-	-	-
Chlorophenyl-phenyl[4-] Ether	SW-846:8270	ug/L	10	0	0	10	10.61	12.5	10	100	-	-	0	0	0	0	-	-	1	-	-	-
Chlorophenyl-phenyl[4-] Ether	SW-846:8270C	ug/L	22	0	0	9.62	10.756	12	22	100	-	-	0	0	0	0	-	-	4	-	-	-
Chrysene	SW-846:8270	ug/L	10	0	0	1	1.05	1.2	10	100	-	-	10	0	0	0	0.2	MCL	1	-	-	-
Chrysene	SW-846:8270C	ug/L	22	0	0	0.962	1.0742	1.2	22	100	-	-	22	0	0	0	0.2	MCL	4	-	-	-
Dibenz(a,h)anthracene	SW-846:8270	ug/L	10	0	0	1	1.05	1.2	10	100	-	-	10	0	0	0	0.02949853	Reg6	1	-	-	-
Dibenz(a,h)anthracene	SW-846:8270C	ug/L	22	0	0	0.962	1.0742	1.2	22	100	-	-	22	0	0	0	0.02949853	Reg6	4	-	-	-
Dibenzofuran	SW-846:8270	ug/L	10	0	0	10	10.61	12.5	10	100	-	-	1	0	0	0	12.16667	Reg6	1	-	-	-
Dibenzofuran	SW-846:8270C	ug/L	22	0	0	9.62	10.756	12	22	100	-	-	0	0	0	0	12.16667	Reg6	4	-	-	-
Dichlorobenzene[1,2-]	SW-846:8270	ug/L	10	0	0	10	10.61	12.5	10	100	-	-	0	0	0	0	600	MCL	1	-	-	-
Dichlorobenzene[1,2-]	SW-846:8270C	ug/L	22	0	0	9.62	10.756	12	22	100	-	-	0	0	0	0	600	MCL	4	-	-	-
Dichlorobenzene[1,3-]	SW-846:8270	ug/L	10	0	0	10	10.61	12.5	10	100	-	-	0	0	0	0	600	MCL	1	-	-	-
Dichlorobenzene[1,3-]	SW-846:8270C	ug/L	22	0	0	9.62	10.756	12	22	100	-	-	0	0	0	0	600	MCL	4	-	-	-
Dichlorobenzene[1,4-]	SW-846:8270	ug/L	10	0	0	10	10.61	12.5	10	100	-	-	0	0	0	0	75	MCL	1	-	-	-
Dichlorobenzene[1,4-]	SW-846:8270C	ug/L	22	0	0	9.62	10.756	12	22	100	-	-	0	0	0	0	75	MCL	4	-	-	-
Dichlorobenzidine[3,3'-]	SW-846:8270	ug/L	10	0	0	10	10.61	12.5	10	100	-	-	10	0	0	0	1.494034	Reg6	1	-	-	-
Dichlorobenzidine[3,3'-]	SW-846:8270C	ug/L	22	0	0	9.62	10.756	12	22	100	-	-	22	0	0	0	1.494034	Reg6	4	-	-	-
Dichlorophenol[2,4-]	SW-846:8270	ug/L	10	0	0	10	10.61	12.5	10	100	-	-	0	0	0	0	109.5	Reg6	1	-	-	-
Dichlorophenol[2,4-]	SW-846:8270C	ug/L	21	0	0	9.62	10.735	12	21	100	-	-	0	0	0	0	109.5	Reg6	4	-	-	-
Diethylphthalate	SW-846:8270	ug/L	10	0	0	10	10.61	12.5	10	100	-	-	0	0	0	0	29200	Reg6	1	-	-	-
Diethylphthalate	SW-846:8270C	ug/L	22	0	0	9.62	10.756	12	22	100	-	-	0	0	0	0	29200	Reg6	4	-	-	-
Dimethyl Phthalate	SW-846:8270	ug/L	10	0	0	10	10.61	12.5	10	100	-	-	0	0	0	0	365000	Reg6	1	-	-	-
Dimethyl Phthalate	SW-846:8270C	ug/L	22	0	0	9.62	10.756	12	22	100	-	-	0	0	0	0	365000	Reg6	4	-	-	-
Dimethylphenol[2,4-]	SW-846:8270	ug/L	10	0	0	10	10.61	12.5	10	100	-	-	0	0	0	0	730	Reg6	1	-	-	-
Dimethylphenol[2,4-]	SW-846:8270C	ug/L	20	0	0	9.62	10.672	12	20	100	-	-	0	0	0	0	730	Reg6	4	-	-	-
Di-n-butylphthalate	SW-846:8270	ug/L	10	0	0	10	10.61	12.5	10	100	-	-	0	0	0	0	3650	Reg6	1	-	-	-
Di-n-butylphthalate	SW-846:8270C	ug/L	21	0	0	9.62	10.697	12	21	100	-	-	0	0	0	0	3650	Reg6	4	-	-	-
Dinitro-2-methylphenol[4,6-]	SW-846:8270	ug/L	10	0	0	10	10.61	12.5	10	100	-	-	0	0	0	0	-	-	1	-	-	-
Dinitro-2-methylphenol[4,6-]	SW-846:8270C	ug/L	20	0	0	9.62	10.752	12	20	100	-	-	0	0	0	0	-	-	4	-	-	-
Dinitrophenol[2,4-]	SW-846:8270	ug/L	10	0	0	20	21.2	25	10	100	-	-	0	0	0	0	73	Reg6	1	-	-	-
Dinitrophenol[2,4-]	SW-846:8270C	ug/L	21	0	0	19.2	21.452	24.1	21	100	-	-	0	0	0	0	73	Reg6	4	-	-	-
Dinitrotoluene[2,4-]	SW-846:8270	ug/L	10	0	0	10	10.61	12.5	10	100	-	-	0	0	0	0	73	Reg6	1	-	-	-
Dinitrotoluene[2,4-]	SW-846:8270C	ug/L	22	0	0	9.62	10.756	12	22	100	-	-	0	0	0	0	73	Reg6	4	-	-	-
Dinitrotoluene[2,6-]	SW-846:8270	ug/L	10	0	0	10	10.61	12.5	10	100	-	-	0	0	0	0	36.5	Reg6	1	-	-	-
Dinitrotoluene[2,6-]	SW-846:8270C	ug/L	22	0	0	9.62	10.756	12	22	100	-	-	0	0	0	0	36.5	Reg6	4	-	-	-
Di-n-octylphthalate	SW-846:8270	ug/L	10	0	0	10	10.61	12.5	10	100	-	-	0	0	0	0	-	-	1	-	-	-
Di-n-octylphthalate	SW-846:8270C	ug/L	22	0	0	9.62	10.756	12	22	100	-	-	0	0	0	0	-	-	4	-	-	-
Dinoseb	SW-846:8270C	ug/L	16	0	0	9.62	10.652	12	16	100	-	-	0	0	0	0	-	-	4	-	-	-
Dioxane[1,4-]	SW-846:8270C	ug/L	12	0	0	9.71	10.584	11.4	12	100	-	-	0	0	0	0	61.11958	Reg6	4	-	-	-
Diphenylamine	SW-846:8270	ug/L	10	0	0	10	10.61	12.5	10	100	-	-	0	0	0	0	912.5	Reg6	1	-	-	-
Diphenylamine	SW-846:8270C	ug/L	22	0	0	9.62	10.756	12	22	100	-	-	0	0	0	0	912.5	Reg6	4	-	-	-
Diphenylhydrazine[1,2-]	SW-846:8270	ug/L	4	0	0	10.1	10.975	12.5	4	100	-	-	4	0	0	0	0.8403942	Reg6	1	-	-	-
Fluoranthene	SW-846:8270	ug/L	10	0	0	1	1.05	1.2	10	100	-	-	0	0	0	0	1460	Reg6	1	-	-	-
Fluoranthene	SW-846:8270C	ug/L	22	0	0	0.962	1.0742	1.2	22	100	-	-	0	0	0	0	1460	Reg6	4	-	-	-
Fluorene	SW-846:8270	ug/L	10	0	0	1	1.05	1.2	10	100	-	-	0	0	0	0	243.3333	Reg6	1	-	-	-
Fluorene	SW-846:8270C	ug/L	21	0	0	0.962	1.0763	1.2	21	100	-	-	0	0	0	0	243.3333	Reg6	4	-	-	-

Table B-5
Screening Table for Water Canyon Watershed (including Cañon de Valle, Potrillo Canyon, and Fence Canyon)

Analyte	Method	Units	No. of Analyses	No. of Detects	D Rate %	Min	Mean	Max	No. of Non-detects	ND Rate %	BV	D> BV	ND> Std	D> Std	D> Std/2	D>Std/2 Rate %	Level	Std Type	Locations with Data (number)	D>Std (number of locations)	D>Std/2 (number of locations)	D>Std Stations
Hexachlorobenzene	SW-846:8270	ug/L	10	0	0	*10*	*10.61*	*12.5*	10	100	-	-	10	0	0	0	1	MCL	1	-	-	-
Hexachlorobenzene	SW-846:8270C	ug/L	22	0	0	*9.62*	*10.756*	*12*	22	100	-	-	22	0	0	0	1	MCL	4	-	-	-
Hexachlorobutadiene	SW-846:8270	ug/L	10	0	0	*10*	*10.61*	*12.5*	10	100	-	-	10	0	0	0	8.619427	Reg6	1	-	-	-
Hexachlorobutadiene	SW-846:8270C	ug/L	22	0	0	*9.62*	*10.756*	*12*	22	100	-	-	22	0	0	0	8.619427	Reg6	4	-	-	-
Hexachlorocyclopentadiene	SW-846:8270	ug/L	10	0	0	*10*	*10.61*	*12.5*	10	100	-	-	0	0	0	0	50	MCL	1	-	-	-
Hexachlorocyclopentadiene	SW-846:8270C	ug/L	22	0	0	*9.62*	*10.756*	*12*	22	100	-	-	0	0	0	0	50	MCL	4	-	-	-
Hexachloroethane	SW-846:8270	ug/L	10	0	0	*10*	*10.61*	*12.5*	10	100	-	-	0	0	0	0	48.02252	Reg6	1	-	-	-
Hexachloroethane	SW-846:8270C	ug/L	22	0	0	*9.62*	*10.756*	*12*	22	100	-	-	0	0	0	0	48.02252	Reg6	4	-	-	-
Indeno(1,2,3-cd)pyrene	SW-846:8270	ug/L	10	0	0	*1*	*1.05*	*1.2*	10	100	-	-	10	0	0	0	0.2949853	Reg6	1	-	-	-
Indeno(1,2,3-cd)pyrene	SW-846:8270C	ug/L	20	0	0	*0.971*	*1.0816*	*1.2*	20	100	-	-	20	0	0	0	0.2949853	Reg6	4	-	-	-
Isophorone	SW-846:8270	ug/L	10	0	0	*10*	*10.61*	*12.5*	10	100	-	-	0	0	0	0	707.7004	Reg6	1	-	-	-
Isophorone	SW-846:8270C	ug/L	22	0	0	*9.62*	*10.756*	*12*	22	100	-	-	0	0	0	0	707.7004	Reg6	4	-	-	-
Methylnaphthalene[1-]	SW-846:8270C	ug/L	17	0	0	*0.962*	*1.0708*	*1.2*	17	100	-	-	0	0	0	0	-	-	4	-	-	-
Methylnaphthalene[2-]	SW-846:8270	ug/L	10	0	0	*1*	*1.05*	*1.2*	10	100	-	-	0	0	0	0	-	-	1	-	-	-
Methylnaphthalene[2-]	SW-846:8270C	ug/L	20	0	0	*0.962*	*1.0747*	*1.2*	20	100	-	-	0	0	0	0	-	-	4	-	-	-
Methylphenol[2-]	SW-846:8270	ug/L	10	0	0	*10*	*10.61*	*12.5*	10	100	-	-	0	0	0	0	1825	Reg6	1	-	-	-
Methylphenol[2-]	SW-846:8270C	ug/L	21	0	0	*9.62*	*10.735*	*12*	21	100	-	-	0	0	0	0	1825	Reg6	4	-	-	-
Methylphenol[3-,4-]	SW-846:8270C	ug/L	18	0	0	*9.62*	*10.652*	*12*	18	100	-	-	0	0	0	0	-	-	4	-	-	-
Methylphenol[4-]	SW-846:8270	ug/L	10	0	0	*10*	*10.61*	*12.5*	10	100	-	-	0	0	0	0	182.5	Reg6	1	-	-	-
Methylphenol[4-]	SW-846:8270C	ug/L	3	0	0	*10.2*	*11.233*	*12*	3	100	-	-	0	0	0	0	182.5	Reg6	2	-	-	-
Methylpyridine[2-]	SW-846:8270	ug/L	10	0	0	*10*	*10.61*	*12.5*	10	100	-	-	0	0	0	0	-	-	1	-	-	-
Naphthalene	SW-846:8270	ug/L	10	0	0	*1*	*1.05*	*1.2*	10	100	-	-	0	0	0	0	30	NMGSU	1	-	-	-
Naphthalene	SW-846:8270C	ug/L	20	0	0	*0.962*	*1.0787*	*1.2*	20	100	-	-	0	0	0	0	30	NMGSU	4	-	-	-
Nitroaniline[2-]	SW-846:8270	ug/L	10	0	0	*10*	*10.61*	*12.5*	10	100	-	-	0	0	0	0	109.5	Reg6	1	-	-	-
Nitroaniline[2-]	SW-846:8270C	ug/L	22	0	0	*9.62*	*10.756*	*12*	22	100	-	-	0	0	0	0	109.5	Reg6	4	-	-	-
Nitroaniline[3-]	SW-846:8270	ug/L	10	0	0	*10*	*10.61*	*12.5*	10	100	-	-	0	0	0	0	-	-	1	-	-	-
Nitroaniline[3-]	SW-846:8270C	ug/L	22	0	0	*9.62*	*10.756*	*12*	22	100	-	-	0	0	0	0	-	-	4	-	-	-
Nitroaniline[4-]	SW-846:8270	ug/L	10	0	0	*10*	*10.61*	*12.5*	10	100	-	-	0	0	0	0	-	-	1	-	-	-
Nitroaniline[4-]	SW-846:8270C	ug/L	22	0	0	*9.62*	*10.756*	*12*	22	100	-	-	0	0	0	0	-	-	4	-	-	-
Nitrobenzene	SW-846:8270	ug/L	10	0	0	*10*	*10.61*	*12.5*	10	100	-	-	10	0	0	0	3.395349	Reg6	1	-	-	-
Nitrobenzene	SW-846:8270C	ug/L	22	0	0	*9.62*	*10.756*	*12*	22	100	-	-	22	0	0	0	3.395349	Reg6	4	-	-	-
Nitrophenol[2-]	SW-846:8270	ug/L	10	0	0	*10*	*10.61*	*12.5*	10	100	-	-	0	0	0	0	-	-	1	-	-	-
Nitrophenol[2-]	SW-846:8270C	ug/L	21	0	0	*9.62*	*10.735*	*12*	21	100	-	-	0	0	0	0	-	-	4	-	-	-
Nitrophenol[4-]	SW-846:8270	ug/L	10	0	0	*10*	*10.61*	*12.5*	10	100	-	-	0	0	0	0	292	Reg6	1	-	-	-
Nitrophenol[4-]	SW-846:8270C	ug/L	21	0	0	*9.62*	*10.735*	*12*	21	100	-	-	0	0	0	0	292	Reg6	4	-	-	-
Nitrosodiethylamine[N-]	SW-846:8270C	ug/L	17	0	0	*9.62*	*10.684*	*12*	17	100	-	-	17	0	0	0	0.001435595	Reg6	4	-	-	-
Nitrosodimethylamine[N-]	SW-846:8270	ug/L	10	0	0	*10*	*10.61*	*12.5*	10	100	-	-	10	0	0	0	0.004222338	Reg6	1	-	-	-
Nitrosodimethylamine[N-]	SW-846:8270C	ug/L	22	0	0	*9.62*	*10.756*	*12*	22	100	-	-	22	0	0	0	0.004222338	Reg6	4	-	-	-
Nitroso-di-n-butylamine[N-]	SW-846:8270C	ug/L	17	0	0	*9.62*	*10.684*	*12*	17	100	-	-	17	0	0	0	0.1226854	Reg6	4	-	-	-
Nitroso-di-n-propylamine[N-]	SW-846:8270	ug/L	10	0	0	*10*	*10.61*	*12.5*	10	100	-	-	10	0	0	0	0.09604505	Reg6	1	-	-	-
Nitroso-di-n-propylamine[N-]	SW-846:8270C	ug/L	22	0	0	*9.62*	*10.756*	*12*	22	100	-	-	22	0	0	0	0.09604505	Reg6	4	-	-	-
Nitrosopyrrolidine[N-]	SW-846:8270C	ug/L	17	0	0	*9.62*	*10.684*	*12*	17	100	-	-	17	0	0	0	0.3201502	Reg6	4	-	-	-
Oxybis(1-chloropropane)[2,2'-]	SW-846:8270	ug/L	10	0	0	*10*	*10.61*	*12.5*	10	100	-	-	10	0	0	0	9.536393	Reg6	1	-	-	-
Oxybis(1-chloropropane)[2,2'-]	SW-846:8270C	ug/L	21	0	0	*9.62*	*10.749*	*12*	21	100	-	-	21	0	0	0	9.536393	Reg6	4	-	-	-
Pentachlorobenzene	SW-846:8270C	ug/L	17	0	0	*9.62*	*10.684*	*12*	17	100	-	-	0	0	0	0	29.2	Reg6	4	-	-	-
Pentachlorophenol	SW-846:8270	ug/L	8	0	0	*10*	*10.313*	*10.9*	8	100	-	-	8	0	0	0	1	MCL	1	-	-	-
Pentachlorophenol	SW-846:8270C	ug/L	21	0	0	*9.62*	*10.735*	*12*	21	100	-	-	21	0	0	0	1	MCL	4	-	-	-
Phenanthrene	SW-846:8270	ug/L	10	0	0	*1*	*1.05*	*1.2*	10	100	-	-	0	0	0	0	-	-	1	-	-	-
Phenanthrene	SW-846:8270C	ug/L	19	0	0	*0.962*	*1.0754*	*1.2*	19	100	-	-	0	0	0	0	-	-	4	-	-	-
Phenol	SW-846:8270	ug/L	10	0	0	*10*	*10.61*	*12.5*	10	100	-	-	10	0	0	0	5	NMGSU	1	-	-	-
Phenol	SW-846:8270C	ug/L	21	0	0	*9.62*	*10.735*	*12*	21	100	-	-	21	0	0	0	5	NMGSU	4	-	-	-
Pyrene	SW-846:8270	ug/L	10	0	0	*1*	*1.05*	*1.2*	10	100	-	-	0	0	0	0	182.5	Reg6	1	-	-	-
Pyrene	SW-846:8270C	ug/L	22	0	0	*0.962*	*1.0742*	*1.2*	22	100	-	-	0	0	0	0	182.5	Reg6	4	-	-	-
Pyridine	SW-846:8270	ug/L	10	0	0	*10*	*10.61*	*12.5*	10	100	-	-	0	0	0	0	36.5	Reg6	1	-	-	-
Pyridine	SW-846:8270C	ug/L	2	0	0	*10*	*10.15*	*10.3*	2	100	-	-	0	0	0	0	36.5	Reg6	2	-	-	-
Tetrachlorobenzene[1,2,4,5]	SW-846:8270C	ug/L	17	0	0	*9.62*	*10.684*	*12*	17	100	-	-	17	0	0	0	0.00003	MCL	4	-	-	-
Tetrachlorophenol[2,3,4,6-]	SW-846:8270C	ug/L	16	0	0	*9.62*	*10.652*	*12*	16	100	-	-	16	0	0	0	5	MCL	4	-	-	-

Table B-5
Screening Table for Water Canyon Watershed (including Cañon de Valle, Potrillo Canyon, and Fence Canyon)

Analyte	Method	Units	No. of Analyses	No. of Detects	D Rate %	Min	Mean	Max	No. of Non-detects	ND Rate %	BV	D> BV	ND> Std	D> Std	D> Std/2	D>Std/2 Rate %	Level	Std Type	Locations with Data (number)	D>Std (number of locations)	D>Std/2 (number of locations)	D>Std Stations
Trichlorobenzene[1,2,4-]	SW-846:8270	ug/L	10	0	0	10	10.61	12.5	10	100	-	-	0	0	0	0	70	MCL	1	-	-	-
Trichlorobenzene[1,2,4-]	SW-846:8270C	ug/L	22	0	0	9.62	10.756	12	22	100	-	-	0	0	0	0	70	MCL	4	-	-	-
Trichlorophenol[2,4,5-]	SW-846:8270	ug/L	10	0	0	10	10.61	12.5	10	100	-	-	0	0	0	0	3650	Reg6	1	-	-	-
Trichlorophenol[2,4,5-]	SW-846:8270C	ug/L	21	0	0	9.62	10.735	12	21	100	-	-	0	0	0	0	3650	Reg6	4	-	-	-
Trichlorophenol[2,4,6-]	SW-846:8270	ug/L	10	0	0	10	10.61	12.5	10	100	-	-	0	0	0	0	61.11958	Reg6	1	-	-	-
Trichlorophenol[2,4,6-]	SW-846:8270C	ug/L	21	0	0	9.62	10.735	12	21	100	-	-	0	0	0	0	61.11958	Reg6	4	-	-	-
Water, SVOA, UF, Regional																						
Acenaphthene	SW-846:8270	ug/L	18	0	0	1	1.0556	1.4	18	100	-	-	0	0	0	0	365	Reg6	3	-	-	-
Acenaphthene	SW-846:8270C	ug/L	59	0	0	0.962	1.0834	1.25	59	100	-	-	0	0	0	0	365	Reg6	4	-	-	-
Acenaphthylene	SW-846:8270	ug/L	18	0	0	1	1.0556	1.4	18	100	-	-	0	0	0	0	-	-	3	-	-	-
Acenaphthylene	SW-846:8270C	ug/L	60	0	0	0.962	1.0837	1.25	60	100	-	-	0	0	0	0	-	-	4	-	-	-
Aniline	SW-846:8270	ug/L	18	0	0	10	10.578	14.3	18	100	-	-	0	0	0	0	117.9501	Reg6	3	-	-	-
Aniline	SW-846:8270C	ug/L	60	0	0	9.62	10.872	12.5	60	100	-	-	0	0	0	0	117.9501	Reg6	4	-	-	-
Anthracene	SW-846:8270	ug/L	18	0	0	1	1.0556	1.4	18	100	-	-	0	0	0	0	1825	Reg6	3	-	-	-
Anthracene	SW-846:8270C	ug/L	57	0	0	0.962	1.0837	1.25	57	100	-	-	0	0	0	0	1825	Reg6	4	-	-	-
Atrazine	SW-846:8270C	ug/L	45	0	0	9.62	10.947	12.5	45	100	-	-	45	0	0	0	3	MCL	4	-	-	-
Azobenzene	SW-846:8270	ug/L	17	0	0	1	7.0765	11.1	17	100	-	-	11	0	0	0	6.111958	Reg6	3	-	-	-
Azobenzene	SW-846:8270C	ug/L	56	0	0	0.98	9.8961	12.5	56	100	-	-	50	0	0	0	6.111958	Reg6	4	-	-	-
Benzidine	SW-846:8270	ug/L	5	0	0	50	51.82	55.6	5	100	-	-	5	0	0	0	0.000936258	Reg6	1	-	-	-
Benzidine	SW-846:8270C	ug/L	40	0	0	10.4	27.753	58.1	40	100	-	-	40	0	0	0	0.000936258	Reg6	4	-	-	-
Benzo(a)anthracene	SW-846:8270	ug/L	18	0	0	1	1.0556	1.4	18	100	-	-	18	0	0	0	0.2949853	Reg6	3	-	-	-
Benzo(a)anthracene	SW-846:8270C	ug/L	60	1	2	0.256	0.256	0.256	59	98	-	-	59	0	1	2	0.2949853	Reg6	4	-	1	-
Benzo(a)pyrene	SW-846:8270	ug/L	18	0	0	1	1.0556	1.4	18	100	-	-	18	0	0	0	0.2	MCL	3	-	-	-
Benzo(a)pyrene	SW-846:8270C	ug/L	60	0	0	0.962	1.0837	1.25	60	100	-	-	60	0	0	0	0.2	MCL	4	-	-	-
Benzo(b)fluoranthene	SW-846:8270	ug/L	18	0	0	1	1.0556	1.4	18	100	-	-	18	0	0	0	0.2949853	Reg6	3	-	-	-
Benzo(b)fluoranthene	SW-846:8270C	ug/L	60	0	0	0.962	1.0837	1.25	60	100	-	-	60	0	0	0	0.2949853	Reg6	4	-	-	-
Benzo(g,h,i)perylene	SW-846:8270	ug/L	18	0	0	1	1.0556	1.4	18	100	-	-	0	0	0	0	-	-	3	-	-	-
Benzo(g,h,i)perylene	SW-846:8270C	ug/L	60	0	0	0.962	1.0837	1.25	60	100	-	-	0	0	0	0	-	-	4	-	-	-
Benzo(k)fluoranthene	SW-846:8270	ug/L	18	0	0	1	1.0556	1.4	18	100	-	-	0	0	0	0	2.949853	Reg6	3	-	-	-
Benzo(k)fluoranthene	SW-846:8270C	ug/L	60	0	0	0.962	1.0837	1.25	60	100	-	-	0	0	0	0	2.949853	Reg6	4	-	-	-
Benzoic Acid	SW-846:8270	ug/L	16	0	0	20	21.25	28.6	16	100	-	-	0	0	0	0	146000	Reg6	3	-	-	-
Benzoic Acid	SW-846:8270C	ug/L	59	1	2	15.1	15.1	15.1	58	98	-	-	0	0	0	0	146000	Reg6	4	-	-	-
Benzyl Alcohol	SW-846:8270	ug/L	18	0	0	10	10.578	14.3	18	100	-	-	0	0	0	0	10950	Reg6	3	-	-	-
Benzyl Alcohol	SW-846:8270C	ug/L	60	0	0	9.62	10.872	12.5	60	100	-	-	0	0	0	0	10950	Reg6	4	-	-	-
Bis(2-chloroethoxy)methane	SW-846:8270	ug/L	18	0	0	10	10.578	14.3	18	100	-	-	0	0	0	0	-	-	3	-	-	-
Bis(2-chloroethoxy)methane	SW-846:8270C	ug/L	58	0	0	9.62	10.869	12.5	58	100	-	-	0	0	0	0	-	-	4	-	-	-
Bis(2-chloroethyl)ether	SW-846:8270	ug/L	18	0	0	10	10.578	14.3	18	100	-	-	18	0	0	0	0.602164	Reg6	3	-	-	-
Bis(2-chloroethyl)ether	SW-846:8270C	ug/L	60	0	0	9.62	10.872	12.5	60	100	-	-	60	0	0	0	0.602164	Reg6	4	-	-	-
Bis(2-ethylhexyl)phthalate	SW-846:8270	ug/L	18	9	50	0.25	1.4778	2.2	9	50	-	-	9	0	0	0	6	MCL	3	-	-	-
Bis(2-ethylhexyl)phthalate	SW-846:8270C	ug/L	60	7	12	0.764	7.5691	36.7	53	88	-	-	49	1	4	7	6	MCL	4	1	2	CdV-R-37-2
Bromophenyl-phenylether[4-]	SW-846:8270	ug/L	18	0	0	10	10.578	14.3	18	100	-	-	0	0	0	0	-	-	3	-	-	-
Bromophenyl-phenylether[4-]	SW-846:8270C	ug/L	60	0	0	9.62	10.872	12.5	60	100	-	-	0	0	0	0	-	-	4	-	-	-
Butylbenzylphthalate	SW-846:8270	ug/L	18	0	0	10	10.578	14.3	18	100	-	-	0	0	0	0	7300	Reg6	3	-	-	-
Butylbenzylphthalate	SW-846:8270C	ug/L	60	0	0	1.12	10.704	12.5	60	100	-	-	0	0	0	0	7300	Reg6	4	-	-	-
Chloro-3-methylphenol[4-]	SW-846:8270	ug/L	18	0	0	10	10.578	14.3	18	100	-	-	0	0	0	0	-	-	3	-	-	-
Chloro-3-methylphenol[4-]	SW-846:8270C	ug/L	60	0	0	9.62	10.854	12.5	60	100	-	-	0	0	0	0	-	-	4	-	-	-
Chloroaniline[4-]	SW-846:8270	ug/L	18	0	0	10	10.578	14.3	18	100	-	-	0	0	0	0	146	Reg6	3	-	-	-
Chloroaniline[4-]	SW-846:8270C	ug/L	60	0	0	9.62	10.872	12.5	60	100	-	-	0	0	0	0	146	Reg6	4	-	-	-
Chloronaphthalene[2-]	SW-846:8270	ug/L	18	0	0	1	1.0556	1.4	18	100	-	-	0	0	0	0	486.6667	Reg6	3	-	-	-
Chloronaphthalene[2-]	SW-846:8270C	ug/L	59	0	0	0.962	1.0834	1.25	59	100	-	-	0	0	0	0	486.6667	Reg6	4	-	-	-
Chlorophenol[2-]	SW-846:8270	ug/L	18	0	0	10	10.578	14.3	18	100	-	-	0	0	0	0	30.41667	Reg6	3	-	-	-
Chlorophenol[2-]	SW-846:8270C	ug/L	60	0	0	9.62	10.854	12.5	60	100	-	-	0	0	0	0	30.41667	Reg6	4	-	-	-
Chlorophenyl-phenyl[4-] Ether	SW-846:8270	ug/L	18	0	0	10	10.578	14.3	18	100	-	-	0	0	0	0	-	-	3	-	-	-
Chlorophenyl-phenyl[4-] Ether	SW-846:8270C	ug/L	60	0	0	9.62	10.872	12.5	60	100	-	-	0	0	0	0	-	-	4	-	-	-
Chrysene	SW-846:8270	ug/L	18	0	0	1	1.0556	1.4	18	100	-	-	18	0	0	0	0.2	MCL	3	-	-	-
Chrysene	SW-846:8270C	ug/L	59	1	2	0.224	0.224	0.224	58	98	-	-	58	1	1	2	0.2	MCL	4	1	1	CdV-R-37-2
Dibenz(a,h)anthracene	SW-846:8270	ug/L	18	0	0	1	1.0556	1.4	18	100	-	-	18	0	0	0	0.02949853	Reg6	3	-	-	-

Table B-5
Screening Table for Water Canyon Watershed (including Cañon de Valle, Potrillo Canyon, and Fence Canyon)

Analyte	Method	Units	No. of Analyses	No. of Detects	D Rate %	Min	Mean	Max	No. of Non-detects	ND Rate %	BV	D> BV	ND> Std	D> Std	D> Std/2	D>Std/2 Rate %	Level	Std Type	Locations with Data (number)	D>Std (number of locations)	D>Std/2 (number of locations)	D>Std Stations
Dibenz(a,h)anthracene	SW-846:8270C	ug/L	60	0	0	0.962	1.0837	1.25	60	100	-	-	60	0	0	0	0.02949853	Reg6	4	-	-	-
Dibenzofuran	SW-846:8270	ug/L	18	0	0	10	10.578	14.3	18	100	-	-	1	0	0	0	12.16667	Reg6	3	-	-	-
Dibenzofuran	SW-846:8270C	ug/L	59	0	0	9.62	10.877	12.5	59	100	-	-	3	0	0	0	12.16667	Reg6	4	-	-	-
Dichlorobenzene[1,2-]	SW-846:8270	ug/L	18	0	0	10	10.578	14.3	18	100	-	-	0	0	0	0	600	MCL	3	-	-	-
Dichlorobenzene[1,2-]	SW-846:8270C	ug/L	60	0	0	9.62	10.872	12.5	60	100	-	-	0	0	0	0	600	MCL	4	-	-	-
Dichlorobenzene[1,3-]	SW-846:8270	ug/L	18	0	0	10	10.578	14.3	18	100	-	-	0	0	0	0	600	MCL	3	-	-	-
Dichlorobenzene[1,3-]	SW-846:8270C	ug/L	60	0	0	9.62	10.872	12.5	60	100	-	-	0	0	0	0	600	MCL	4	-	-	-
Dichlorobenzene[1,4-]	SW-846:8270	ug/L	18	0	0	10	10.578	14.3	18	100	-	-	0	0	0	0	75	MCL	3	-	-	-
Dichlorobenzene[1,4-]	SW-846:8270C	ug/L	60	0	0	9.62	10.872	12.5	60	100	-	-	0	0	0	0	75	MCL	4	-	-	-
Dichlorobenzidine[3,3'-]	SW-846:8270	ug/L	18	0	0	10	10.578	14.3	18	100	-	-	18	0	0	0	1.494034	Reg6	3	-	-	-
Dichlorobenzidine[3,3'-]	SW-846:8270C	ug/L	59	0	0	9.62	10.877	12.5	59	100	-	-	59	0	0	0	1.494034	Reg6	4	-	-	-
Dichlorophenol[2,4-]	SW-846:8270	ug/L	18	0	0	10	10.578	14.3	18	100	-	-	0	0	0	0	109.5	Reg6	3	-	-	-
Dichlorophenol[2,4-]	SW-846:8270C	ug/L	60	0	0	9.62	10.854	12.5	60	100	-	-	0	0	0	0	109.5	Reg6	4	-	-	-
Diethylphthalate	SW-846:8270	ug/L	18	0	0	10	10.578	14.3	18	100	-	-	0	0	0	0	29200	Reg6	3	-	-	-
Diethylphthalate	SW-846:8270C	ug/L	60	1	2	5.4	5.4	5.4	59	98	-	-	0	0	0	0	29200	Reg6	4	-	-	-
Dimethyl Phthalate	SW-846:8270	ug/L	18	0	0	10	10.578	14.3	18	100	-	-	0	0	0	0	365000	Reg6	3	-	-	-
Dimethyl Phthalate	SW-846:8270C	ug/L	60	0	0	1.12	10.704	12.5	60	100	-	-	0	0	0	0	365000	Reg6	4	-	-	-
Dimethylphenol[2,4-]	SW-846:8270	ug/L	18	0	0	10	10.578	14.3	18	100	-	-	0	0	0	0	730	Reg6	3	-	-	-
Dimethylphenol[2,4-]	SW-846:8270C	ug/L	56	1	2	88.7	88.7	88.7	55	98	-	-	0	0	0	0	730	Reg6	4	-	-	-
Di-n-butylphthalate	SW-846:8270	ug/L	18	0	0	10	10.578	14.3	18	100	-	-	0	0	0	0	3650	Reg6	3	-	-	-
Di-n-butylphthalate	SW-846:8270C	ug/L	60	1	2	3.7	3.7	3.7	59	98	-	-	0	0	0	0	3650	Reg6	4	-	-	-
Dinitro-2-methylphenol[4,6-]	SW-846:8270	ug/L	18	0	0	10	10.578	14.3	18	100	-	-	0	0	0	0	-	-	3	-	-	-
Dinitro-2-methylphenol[4,6-]	SW-846:8270C	ug/L	60	0	0	9.62	10.854	12.5	60	100	-	-	0	0	0	0	-	-	4	-	-	-
Dinitrophenol[2,4-]	SW-846:8270	ug/L	18	0	0	20	21.167	28.6	18	100	-	-	0	0	0	0	73	Reg6	3	-	-	-
Dinitrophenol[2,4-]	SW-846:8270C	ug/L	60	0	0	19.2	21.712	25	60	100	-	-	0	0	0	0	73	Reg6	4	-	-	-
Dinitrotoluene[2,4-]	SW-846:8270	ug/L	18	0	0	10	10.578	14.3	18	100	-	-	0	0	0	0	73	Reg6	3	-	-	-
Dinitrotoluene[2,4-]	SW-846:8270C	ug/L	60	0	0	9.62	10.872	12.5	60	100	-	-	0	0	0	0	73	Reg6	4	-	-	-
Dinitrotoluene[2,6-]	SW-846:8270	ug/L	18	0	0	10	10.578	14.3	18	100	-	-	0	0	0	0	36.5	Reg6	3	-	-	-
Dinitrotoluene[2,6-]	SW-846:8270C	ug/L	60	0	0	9.62	10.872	12.5	60	100	-	-	0	0	0	0	36.5	Reg6	4	-	-	-
Di-n-octylphthalate	SW-846:8270	ug/L	18	0	0	10	10.578	14.3	18	100	-	-	0	0	0	0	-	-	3	-	-	-
Di-n-octylphthalate	SW-846:8270C	ug/L	60	0	0	1.12	10.704	12.5	60	100	-	-	0	0	0	0	-	-	4	-	-	-
Dinoseb	SW-846:8270C	ug/L	45	0	0	9.62	10.947	12.5	45	100	-	-	0	0	0	0	-	-	4	-	-	-
Dioxane[1,4-]	SW-846:8270C	ug/L	31	0	0	10.1	11.058	12.5	31	100	-	-	0	0	0	0	61.11958	Reg6	4	-	-	-
Diphenylamine	SW-846:8270	ug/L	18	0	0	10	10.578	14.3	18	100	-	-	0	0	0	0	912.5	Reg6	3	-	-	-
Diphenylamine	SW-846:8270C	ug/L	54	0	0	9.62	10.934	12.5	54	100	-	-	0	0	0	0	912.5	Reg6	4	-	-	-
Diphenylhydrazine[1,2-]	SW-846:8270	ug/L	1	0	0	11.1	11.1	11.1	1	100	-	-	1	0	0	0	0.8403942	Reg6	1	-	-	-
Diphenylhydrazine[1,2-]	SW-846:8270C	ug/L	3	0	0	10.2	10.5	11.1	3	100	-	-	3	0	0	0	0.8403942	Reg6	1	-	-	-
Fluoranthene	SW-846:8270	ug/L	18	0	0	1	1.0556	1.4	18	100	-	-	0	0	0	0	1460	Reg6	3	-	-	-
Fluoranthene	SW-846:8270C	ug/L	60	1	2	0.8	0.8	0.8	59	98	-	-	0	0	0	0	1460	Reg6	4	-	-	-
Fluorene	SW-846:8270	ug/L	18	0	0	1	1.0556	1.4	18	100	-	-	0	0	0	0	243.3333	Reg6	3	-	-	-
Fluorene	SW-846:8270C	ug/L	59	0	0	0.962	1.0841	1.25	59	100	-	-	0	0	0	0	243.3333	Reg6	4	-	-	-
Hexachlorobenzene	SW-846:8270	ug/L	18	0	0	10	10.578	14.3	18	100	-	-	18	0	0	0	1	MCL	3	-	-	-
Hexachlorobenzene	SW-846:8270C	ug/L	60	0	0	9.62	10.872	12.5	60	100	-	-	60	0	0	0	1	MCL	4	-	-	-
Hexachlorobutadiene	SW-846:8270	ug/L	18	0	0	10	10.578	14.3	18	100	-	-	18	0	0	0	8.619427	Reg6	3	-	-	-
Hexachlorobutadiene	SW-846:8270C	ug/L	60	0	0	9.62	10.872	12.5	60	100	-	-	60	0	0	0	8.619427	Reg6	4	-	-	-
Hexachlorocyclopentadiene	SW-846:8270	ug/L	18	0	0	10	10.578	14.3	18	100	-	-	0	0	0	0	50	MCL	3	-	-	-
Hexachlorocyclopentadiene	SW-846:8270C	ug/L	60	0	0	9.62	10.872	12.5	60	100	-	-	0	0	0	0	50	MCL	4	-	-	-
Hexachloroethane	SW-846:8270	ug/L	18	0	0	10	10.578	14.3	18	100	-	-	0	0	0	0	48.02252	Reg6	3	-	-	-
Hexachloroethane	SW-846:8270C	ug/L	60	0	0	9.62	10.872	12.5	60	100	-	-	0	0	0	0	48.02252	Reg6	4	-	-	-
Indeno(1,2,3-cd)pyrene	SW-846:8270	ug/L	18	0	0	1	1.0556	1.4	18	100	-	-	18	0	0	0	0.2949853	Reg6	3	-	-	-
Indeno(1,2,3-cd)pyrene	SW-846:8270C	ug/L	60	0	0	0.962	1.0837	1.25	60	100	-	-	60	0	0	0	0.2949853	Reg6	4	-	-	-
Isophorone	SW-846:8270	ug/L	18	0	0	10	10.578	14.3	18	100	-	-	0	0	0	0	707.7004	Reg6	3	-	-	-
Isophorone	SW-846:8270C	ug/L	60	0	0	9.62	10.872	12.5	60	100	-	-	0	0	0	0	707.7004	Reg6	4	-	-	-
Methylnaphthalene[1-]	SW-846:8270C	ug/L	45	0	0	0.962	1.0925	1.25	45	100	-	-	0	0	0	0	-	-	4	-	-	-
Methylnaphthalene[2-]	SW-846:8270	ug/L	18	0	0	1	1.0556	1.4	18	100	-	-	0	0	0	0	-	-	3	-	-	-
Methylnaphthalene[2-]	SW-846:8270C	ug/L	59	0	0	0.962	1.0834	1.25	59	100	-	-	0	0	0	0	-	-	4	-	-	-
Methylphenol[2-]	SW-846:8270	ug/L	18	0	0	10	10.578	14.3	18	100	-	-	0	0	0	0	1825	Reg6	3	-	-	-

Table B-5
Screening Table for Water Canyon Watershed (including Cañon de Valle, Potrillo Canyon, and Fence Canyon)

Analyte	Method	Units	No. of Analyses	No. of Detects	D Rate %	Min	Mean	Max	No. of Non-detects	ND Rate %	BV	D> BV	ND> Std	D> Std	D> Std/2	D>Std/2 Rate %	Level	Std Type	Locations with Data (number)	D>Std (number of locations)	D>Std/2 (number of locations)	D>Std Stations
Methylphenol[2-]	SW-846:8270C	ug/L	60	0	0	*9.62*	*10.854*	*12.5*	60	100	-	-	0	0	0	0	1825	Reg6	4	-	-	-
Methylphenol[3-,4-]	SW-846:8270C	ug/L	45	0	0	*9.62*	*10.947*	*12.5*	45	100	-	-	0	0	0	0	-	-	4	-	-	-
Methylphenol[4-]	SW-846:8270	ug/L	18	0	0	*10*	*10.578*	*14.3*	18	100	-	-	0	0	0	0	182.5	Reg6	3	-	-	-
Methylphenol[4-]	SW-846:8270C	ug/L	15	0	0	*9.8*	*10.573*	*12*	15	100	-	-	0	0	0	0	182.5	Reg6	3	-	-	-
Methylpyridine[2-]	SW-846:8270	ug/L	6	0	0	*10*	*10.4*	*11.1*	6	100	-	-	0	0	0	0	-	-	1	-	-	-
Methylpyridine[2-]	SW-846:8270C	ug/L	3	0	0	*10.2*	*10.5*	*11.1*	3	100	-	-	0	0	0	0	-	-	1	-	-	-
Naphthalene	SW-846:8270	ug/L	18	0	0	*1*	*1.0556*	*1.4*	18	100	-	-	0	0	0	0	30	NMGSU	3	-	-	-
Naphthalene	SW-846:8270C	ug/L	55	0	0	*0.962*	*1.082*	*1.25*	55	100	-	-	0	0	0	0	30	NMGSU	4	-	-	-
Nitroaniline[2-]	SW-846:8270	ug/L	18	0	0	*10*	*10.578*	*14.3*	18	100	-	-	0	0	0	0	109.5	Reg6	3	-	-	-
Nitroaniline[2-]	SW-846:8270C	ug/L	60	0	0	*9.62*	*10.872*	*12.5*	60	100	-	-	0	0	0	0	109.5	Reg6	4	-	-	-
Nitroaniline[3-]	SW-846:8270	ug/L	18	0	0	*10*	*10.578*	*14.3*	18	100	-	-	0	0	0	0	-	-	3	-	-	-
Nitroaniline[3-]	SW-846:8270C	ug/L	60	0	0	*9.62*	*10.872*	*12.5*	60	100	-	-	0	0	0	0	-	-	4	-	-	-
Nitroaniline[4-]	SW-846:8270	ug/L	18	0	0	*10*	*10.578*	*14.3*	18	100	-	-	0	0	0	0	-	-	3	-	-	-
Nitroaniline[4-]	SW-846:8270C	ug/L	58	0	0	*9.62*	*10.895*	*12.5*	58	100	-	-	0	0	0	0	-	-	4	-	-	-
Nitrobenzene	SW-846:8270	ug/L	18	0	0	*10*	*10.578*	*14.3*	18	100	-	-	18	0	0	0	3.395349	Reg6	3	-	-	-
Nitrobenzene	SW-846:8270C	ug/L	60	0	0	*9.62*	*10.872*	*12.5*	60	100	-	-	60	0	0	0	3.395349	Reg6	4	-	-	-
Nitrophenol[2-]	SW-846:8270	ug/L	18	0	0	*10*	*10.578*	*14.3*	18	100	-	-	0	0	0	0	-	-	3	-	-	-
Nitrophenol[2-]	SW-846:8270C	ug/L	60	0	0	*9.62*	*10.854*	*12.5*	60	100	-	-	0	0	0	0	-	-	4	-	-	-
Nitrophenol[4-]	SW-846:8270	ug/L	18	0	0	*10*	*10.578*	*14.3*	18	100	-	-	0	0	0	0	292	Reg6	3	-	-	-
Nitrophenol[4-]	SW-846:8270C	ug/L	60	0	0	*9.62*	*10.854*	*12.5*	60	100	-	-	0	0	0	0	292	Reg6	4	-	-	-
Nitrosodiethylamine[N-]	SW-846:8270C	ug/L	45	0	0	*9.62*	*10.947*	*12.5*	45	100	-	-	45	0	0	0	0.001435595	Reg6	4	-	-	-
Nitrosodimethylamine[N-]	SW-846:8270	ug/L	18	0	0	*10*	*10.578*	*14.3*	18	100	-	-	18	0	0	0	0.004222338	Reg6	3	-	-	-
Nitrosodimethylamine[N-]	SW-846:8270C	ug/L	59	0	0	*1.12*	*10.701*	*12.5*	59	100	-	-	59	0	0	0	0.004222338	Reg6	4	-	-	-
Nitroso-di-n-butylamine[N-]	SW-846:8270C	ug/L	44	0	0	*9.62*	*10.955*	*12.5*	44	100	-	-	44	0	0	0	0.1226854	Reg6	4	-	-	-
Nitroso-di-n-propylamine[N-]	SW-846:8270	ug/L	18	0	0	*10*	*10.578*	*14.3*	18	100	-	-	18	0	0	0	0.09604505	Reg6	3	-	-	-
Nitroso-di-n-propylamine[N-]	SW-846:8270C	ug/L	60	0	0	*9.62*	*10.872*	*12.5*	60	100	-	-	60	0	0	0	0.09604505	Reg6	4	-	-	-
Nitrosodiphenylamine[N-]	SW-846:8270C	ug/L	6	0	0	*9.8*	*10.317*	*11.2*	6	100	-	-	0	0	0	0	137.2072	Reg6	2	-	-	-
Nitrosopyrrolidine[N-]	SW-846:8270C	ug/L	45	0	0	*9.62*	*10.947*	*12.5*	45	100	-	-	45	0	0	0	0.3201502	Reg6	4	-	-	-
Oxybis(1-chloropropane)[2,2'-]	SW-846:8270	ug/L	18	0	0	*10*	*10.578*	*14.3*	18	100	-	-	18	0	0	0	9.536393	Reg6	3	-	-	-
Oxybis(1-chloropropane)[2,2'-]	SW-846:8270C	ug/L	54	0	0	*9.62*	*10.871*	*12.5*	54	100	-	-	54	0	0	0	9.536393	Reg6	4	-	-	-
Pentachlorobenzene	SW-846:8270C	ug/L	45	0	0	*9.62*	*10.947*	*12.5*	45	100	-	-	0	0	0	0	29.2	Reg6	4	-	-	-
Pentachlorophenol	SW-846:8270	ug/L	18	0	0	*10*	*10.578*	*14.3*	18	100	-	-	18	0	0	0	1	MCL	3	-	-	-
Pentachlorophenol	SW-846:8270C	ug/L	60	0	0	*9.62*	*10.854*	*12.5*	60	100	-	-	60	0	0	0	1	MCL	4	-	-	-
Phenanthrene	SW-846:8270	ug/L	18	0	0	*1*	*1.0556*	*1.4*	18	100	-	-	0	0	0	0	-	-	3	-	-	-
Phenanthrene	SW-846:8270C	ug/L	55	2	4	0.205	1.0025	*1.8*	53	96	-	-	0	0	0	0	-	-	4	-	-	-
Phenol	SW-846:8270	ug/L	18	0	0	*10*	*10.578*	*14.3*	18	100	-	-	18	0	0	0	5	NMGSU	3	-	-	-
Phenol	SW-846:8270C	ug/L	60	0	0	*9.62*	*10.854*	*12.5*	60	100	-	-	60	0	0	0	5	NMGSU	4	-	-	-
Pyrene	SW-846:8270	ug/L	18	0	0	*1*	*1.0556*	*1.4*	18	100	-	-	0	0	0	0	182.5	Reg6	3	-	-	-
Pyrene	SW-846:8270C	ug/L	59	2	3	0.75	2.375	4	57	97	-	-	0	0	0	0	182.5	Reg6	4	-	-	-
Pyridine	SW-846:8270	ug/L	12	0	0	*10*	*10.658*	*14.3*	12	100	-	-	0	0	0	0	36.5	Reg6	3	-	-	-
Pyridine	SW-846:8270C	ug/L	17	1	6	12.6	12.6	12.6	16	94	-	-	0	0	0	0	36.5	Reg6	4	-	-	-
Tetrachlorobenzene[1,2,4,5]	SW-846:8270C	ug/L	43	0	0	*9.62*	*10.9*	*12.5*	43	100	-	-	43	0	0	0	0.00003	MCL	4	-	-	-
Tetrachlorophenol[2,3,4,6-]	SW-846:8270C	ug/L	45	0	0	*9.62*	*10.947*	*12.5*	45	100	-	-	45	0	0	0	5	MCL	4	-	-	-
Trichlorobenzene[1,2,4-]	SW-846:8270	ug/L	18	0	0	*10*	*10.578*	*14.3*	18	100	-	-	0	0	0	0	70	MCL	3	-	-	-
Trichlorobenzene[1,2,4-]	SW-846:8270C	ug/L	60	0	0	*9.62*	*10.872*	*12.5*	60	100	-	-	0	0	0	0	70	MCL	4	-	-	-
Trichlorophenol[2,4,5-]	SW-846:8270	ug/L	18	0	0	*10*	*10.578*	*14.3*	18	100	-	-	0	0	0	0	3650	Reg6	3	-	-	-
Trichlorophenol[2,4,5-]	SW-846:8270C	ug/L	60	0	0	*9.62*	*10.854*	*12.5*	60	100	-	-	0	0	0	0	3650	Reg6	4	-	-	-
Trichlorophenol[2,4,6-]	SW-846:8270	ug/L	18	1	6	1.4	1.4	1.4	17	94	-	-	0	0	0	0	61.11958	Reg6	3	-	-	-
Trichlorophenol[2,4,6-]	SW-846:8270C	ug/L	60	0	0	*9.62*	*10.854*	*12.5*	60	100	-	-	0	0	0	0	61.11958	Reg6	4	-	-	-
Water, VOA, UF, Perennial																						
Acetone	SW-846:8260B	ug/L	14	5	36	1.3	2.202	3.11	9	64	-	-	0	0	0	0	-	-	4	-	-	-
Acetonitrile	SW-846:8260B	ug/L	14	0	0	*25*	*25*	*25*	14	100	-	-	0	0	0	0	-	-	4	-	-	-
Acrolein	SW-846:8260B	ug/L	14	0	0	*5*	*5*	*5*	14	100	-	-	0	0	0	0	290	HHPU	4	-	-	-
Acrylonitrile	SW-846:8260B	ug/L	14	0	0	*5*	*5*	*5*	14	100	-	-	14	0	0	0	2.5	HHPU	4	-	-	-
Benzene	SW-846:8260B	ug/L	14	0	0	*1*	*1*	*1*	14	100	-	-	0	0	0	0	510	HHPU	4	-	-	-
Bromobenzene	SW-846:8260B	ug/L	14	0	0	*1*	*1*	*1*	14	100	-	-	0	0	0	0	-	-	4	-	-	-
Bromochloromethane	SW-846:8260B	ug/L	14	0	0	*1*	*1*	*1*	14	100	-	-	0	0	0	0	-	-	4	-	-	-

Table B-5
Screening Table for Water Canyon Watershed (including Cañon de Valle, Potrillo Canyon, and Fence Canyon)

Analyte	Method	Units	No. of Analyses	No. of Detects	D Rate %	Min	Mean	Max	No. of Non-detects	ND Rate %	BV	D> BV	ND> Std	D> Std	D> Std/2	D>Std/2 Rate %	Level	Std Type	Locations with Data (number)	D>Std (number of locations)	D>Std/2 (number of locations)	D>Std Stations
Bromodichloromethane	SW-846:8260B	ug/L	14	0	0	1	1	1	14	100	-	-	0	0	0	0	170	HHPU	4	-	-	-
Bromoform	SW-846:8260B	ug/L	14	0	0	1	1	1	14	100	-	-	0	0	0	0	1400	HHPU	4	-	-	-
Bromomethane	SW-846:8260B	ug/L	14	0	0	1	1	1	14	100	-	-	0	0	0	0	1500	HHPU	4	-	-	-
Butanol[1-]	SW-846:8260B	ug/L	4	0	0	50	50	50	4	100	-	-	0	0	0	0	-	-	3	-	-	-
Butanone[2-]	SW-846:8260B	ug/L	14	0	0	5	5	5	14	100	-	-	0	0	0	0	-	-	4	-	-	-
Butylbenzene[n-]	SW-846:8260B	ug/L	14	0	0	1	1	1	14	100	-	-	0	0	0	0	-	-	4	-	-	-
Butylbenzene[sec-]	SW-846:8260B	ug/L	14	0	0	1	1	1	14	100	-	-	0	0	0	0	-	-	4	-	-	-
Butylbenzene[tert-]	SW-846:8260B	ug/L	14	0	0	1	1	1	14	100	-	-	0	0	0	0	-	-	4	-	-	-
Carbon Disulfide	SW-846:8260B	ug/L	14	0	0	5	6.3214	23.5	14	100	-	-	0	0	0	0	-	-	4	-	-	-
Carbon Tetrachloride	SW-846:8260B	ug/L	14	0	0	1	1	1	14	100	-	-	0	0	0	0	16	HHPU	4	-	-	-
Chloro-1,3-butadiene[2-]	SW-846:8260B	ug/L	14	0	0	1	1	1	14	100	-	-	0	0	0	0	-	-	4	-	-	-
Chloro-1-propene[3-]	SW-846:8260B	ug/L	14	0	0	5	5	5	14	100	-	-	0	0	0	0	-	-	4	-	-	-
Chlorobenzene	SW-846:8260B	ug/L	14	0	0	1	1	1	14	100	-	-	0	0	0	0	21000	HHPU	4	-	-	-
Chlorodibromomethane	SW-846:8260B	ug/L	14	0	0	1	1	1	14	100	-	-	0	0	0	0	130	HHPU	4	-	-	-
Chloroethane	SW-846:8260B	ug/L	14	0	0	1	1	1	14	100	-	-	0	0	0	0	-	-	4	-	-	-
Chloroethyl vinyl ether[2-]	EPA:624	ug/L	2	0	0	5	5	5	2	100	-	-	0	0	0	0	-	-	2	-	-	-
Chloroform	SW-846:8260B	ug/L	14	0	0	1	1	1	14	100	-	-	0	0	0	0	4700	HHPU	4	-	-	-
Chloromethane	SW-846:8260B	ug/L	14	0	0	1	1	1	14	100	-	-	0	0	0	0	-	-	4	-	-	-
Chlorotoluene[2-]	SW-846:8260B	ug/L	9	0	0	1	1	1	9	100	-	-	0	0	0	0	-	-	4	-	-	-
Chlorotoluene[4-]	SW-846:8260B	ug/L	14	0	0	1	1	1	14	100	-	-	0	0	0	0	-	-	4	-	-	-
Dibromo-3-Chloropropane[1,2-]	SW-846:8260B	ug/L	14	0	0	1	1	1	14	100	-	-	0	0	0	0	-	-	4	-	-	-
Dibromoethane[1,2-]	SW-846:8260B	ug/L	14	0	0	1	1	1	14	100	-	-	0	0	0	0	-	-	4	-	-	-
Dibromomethane	SW-846:8260B	ug/L	14	0	0	1	1	1	14	100	-	-	0	0	0	0	-	-	4	-	-	-
Dichlorobenzene[1,2-]	SW-846:8260B	ug/L	9	0	0	1	1	1	9	100	-	-	0	0	0	0	-	-	4	-	-	-
Dichlorobenzene[1,3-]	SW-846:8260B	ug/L	9	0	0	1	1	1	9	100	-	-	0	0	0	0	-	-	4	-	-	-
Dichlorobenzene[1,4-]	SW-846:8260B	ug/L	9	0	0	1	1	1	9	100	-	-	0	0	0	0	-	-	4	-	-	-
Dichlorodifluoromethane	SW-846:8260B	ug/L	14	0	0	1	1	1	14	100	-	-	0	0	0	0	-	-	4	-	-	-
Dichloroethane[1,1-]	SW-846:8260B	ug/L	14	0	0	1	1	1	14	100	-	-	0	0	0	0	-	-	4	-	-	-
Dichloroethane[1,2-]	SW-846:8260B	ug/L	14	0	0	1	1	1	14	100	-	-	0	0	0	0	370	HHPU	4	-	-	-
Dichloroethene[1,1-]	SW-846:8260B	ug/L	14	0	0	1	1	1	14	100	-	-	0	0	0	0	32	HHPU	4	-	-	-
Dichloroethene[cis-1,2-]	SW-846:8260B	ug/L	14	0	0	1	1	1	14	100	-	-	0	0	0	0	-	-	4	-	-	-
Dichloroethene[trans-1,2-]	SW-846:8260B	ug/L	14	0	0	1	1	1	14	100	-	-	0	0	0	0	140000	HHPU	4	-	-	-
Dichloropropane[1,2-]	SW-846:8260B	ug/L	14	0	0	1	1	1	14	100	-	-	0	0	0	0	150	HHPU	4	-	-	-
Dichloropropane[1,3-]	SW-846:8260B	ug/L	14	0	0	1	1	1	14	100	-	-	0	0	0	0	-	-	4	-	-	-
Dichloropropane[2,2-]	SW-846:8260B	ug/L	14	0	0	1	1	1	14	100	-	-	0	0	0	0	-	-	4	-	-	-
Dichloropropene[1,1-]	SW-846:8260B	ug/L	14	0	0	1	1	1	14	100	-	-	0	0	0	0	-	-	4	-	-	-
Dichloropropene[cis-1,3-]	SW-846:8260B	ug/L	14	0	0	1	1	1	14	100	-	-	0	0	0	0	-	-	4	-	-	-
Dichloropropene[trans-1,3-]	SW-846:8260B	ug/L	14	0	0	1	1	1	14	100	-	-	0	0	0	0	-	-	4	-	-	-
Diethyl Ether	SW-846:8260B	ug/L	6	0	0	0.326	0.8877	1	6	100	-	-	0	0	0	0	-	-	4	-	-	-
Dioxane[1,4-]	SW-846:8260B	ug/L	3	0	0	50	50	50	3	100	-	-	0	0	0	0	-	-	2	-	-	-
Ethyl Methacrylate	SW-846:8260B	ug/L	14	0	0	5	5	5	14	100	-	-	0	0	0	0	-	-	4	-	-	-
Ethylbenzene	SW-846:8260B	ug/L	14	0	0	1	1	1	14	100	-	-	0	0	0	0	29000	HHPU	4	-	-	-
Hexachlorobutadiene	SW-846:8260B	ug/L	9	0	0	1	1	1	9	100	-	-	0	0	0	0	-	-	4	-	-	-
Hexanone[2-]	SW-846:8260B	ug/L	14	0	0	5	5	5	14	100	-	-	0	0	0	0	-	-	4	-	-	-
Iodomethane	SW-846:8260B	ug/L	14	0	0	5	5	5	14	100	-	-	0	0	0	0	-	-	4	-	-	-
Isobutyl alcohol	SW-846:8260B	ug/L	14	0	0	50	50	50	14	100	-	-	0	0	0	0	-	-	4	-	-	-
Isopropylbenzene	SW-846:8260B	ug/L	14	0	0	1	1	1	14	100	-	-	0	0	0	0	-	-	4	-	-	-
Isopropyltoluene[4-]	SW-846:8260B	ug/L	14	0	0	1	1	1	14	100	-	-	0	0	0	0	-	-	4	-	-	-
Methacrylonitrile	SW-846:8260B	ug/L	14	0	0	5	5	5	14	100	-	-	0	0	0	0	-	-	4	-	-	-
Methyl Methacrylate	SW-846:8260B	ug/L	14	0	0	5	5	5	14	100	-	-	0	0	0	0	-	-	4	-	-	-
Methyl tert-Butyl Ether	SW-846:8260B	ug/L	6	0	0	1	1	1	6	100	-	-	0	0	0	0	-	-	4	-	-	-
Methyl-2-pentanone[4-]	SW-846:8260B	ug/L	14	0	0	5	5	5	14	100	-	-	0	0	0	0	-	-	4	-	-	-
Methylene Chloride	SW-846:8260B	ug/L	14	0	0	5	5	5	14	100	-	-	0	0	0	0	5900	HHPU	4	-	-	-
Naphthalene	SW-846:8260B	ug/L	14	0	0	0.709	0.9043	1	14	100	-	-	0	0	0	0	-	-	4	-	-	-
Propionitrile	SW-846:8260B	ug/L	14	0	0	5	5	5	14	100	-	-	0	0	0	0	-	-	4	-	-	-
Propylbenzene[1-]	SW-846:8260B	ug/L	14	0	0	1	1	1	14	100	-	-	0	0	0	0	-	-	4	-	-	-
Styrene	SW-846:8260B	ug/L	14	0	0	1	1	1	14	100	-	-	0	0	0	0	-	-	4	-	-	-

Table B-5
Screening Table for Water Canyon Watershed (including Cañon de Valle, Potrillo Canyon, and Fence Canyon)

Analyte	Method	Units	No. of Analyses	No. of Detects	D Rate %	Min	Mean	Max	No. of Non-detects	ND Rate %	BV	D> BV	ND> Std	D> Std	D> Std/2	D>Std/2 Rate %	Level	Std Type	Locations with Data (number)	D>Std (number of locations)	D>Std/2 (number of locations)	D>Std Stations
Tetrachloroethane[1,1,1,2-]	SW-846:8260B	ug/L	14	0	0	1	1	1	14	100	-	-	0	0	0	0	-	-	4	-	-	-
Tetrachloroethane[1,1,2,2-]	SW-846:8260B	ug/L	14	0	0	1	1	1	14	100	-	-	0	0	0	0	40	HHPU	4	-	-	-
Tetrachloroethene	SW-846:8260B	ug/L	9	0	0	1	1	1	9	100	-	-	0	0	0	0	33	HHPU	4	-	-	-
Toluene	SW-846:8260B	ug/L	14	0	0	1	1	1	14	100	-	-	0	0	0	0	200000	HHPU	4	-	-	-
Trichloro-1,2,2-trifluoroethane[1,1,2-]	SW-846:8260B	ug/L	14	0	0	5	5	5	14	100	-	-	0	0	0	0	-	-	4	-	-	-
Trichlorobenzene[1,2,3-]	SW-846:8260B	ug/L	14	0	0	1	1	1	14	100	-	-	0	0	0	0	-	-	4	-	-	-
Trichlorobenzene[1,2,4-]	SW-846:8260B	ug/L	14	0	0	1	1	1	14	100	-	-	0	0	0	0	-	-	4	-	-	-
Trichloroethane[1,1,1-]	SW-846:8260B	ug/L	14	0	0	1	1	1	14	100	-	-	0	0	0	0	-	-	4	-	-	-
Trichloroethane[1,1,2-]	SW-846:8260B	ug/L	14	0	0	1	1	1	14	100	-	-	0	0	0	0	160	HHPU	4	-	-	-
Trichloroethene	SW-846:8260B	ug/L	14	0	0	1	1	1	14	100	-	-	0	0	0	0	300	HHPU	4	-	-	-
Trichlorofluoromethane	SW-846:8260B	ug/L	14	0	0	1	1	1	14	100	-	-	0	0	0	0	-	-	4	-	-	-
Trichloropropane[1,2,3-]	SW-846:8260B	ug/L	14	0	0	1	1	1	14	100	-	-	0	0	0	0	-	-	4	-	-	-
Trimethylbenzene[1,2,4-]	SW-846:8260B	ug/L	14	0	0	1	1	1	14	100	-	-	0	0	0	0	-	-	4	-	-	-
Trimethylbenzene[1,3,5-]	SW-846:8260B	ug/L	14	0	0	1	1	1	14	100	-	-	0	0	0	0	-	-	4	-	-	-
Vinyl acetate	SW-846:8260B	ug/L	14	0	0	5	5	5	14	100	-	-	0	0	0	0	-	-	4	-	-	-
Vinyl Chloride	SW-846:8260B	ug/L	14	0	0	1	1	1	14	100	-	-	0	0	0	0	5300	HHPU	4	-	-	-
Xylene[1,2-]	SW-846:8260B	ug/L	14	0	0	1	1	1	14	100	-	-	0	0	0	0	-	-	4	-	-	-
Xylene[1,3-]+Xylene[1,4-]	SW-846:8260B	ug/L	14	0	0	2	2	2	14	100	-	-	0	0	0	0	-	-	4	-	-	-
Water, VOA, UF, Springs																						
Acetone	SW-846:8260B	ug/L	70	26	37	1.48	3.9762	17.2	44	63	-	-	0	0	0	0	5475	Reg6	8	-	-	-
Acetonitrile	SW-846:8260B	ug/L	37	2	5	7.6	8.4	9.2	35	95	-	-	0	0	0	0	124.1	Reg6	8	-	-	-
Acrolein	SW-846:8260B	ug/L	32	1	3	9.01	9.01	9.01	31	97	-	-	31	1	1	3	0.04161916	Reg6	8	1	1	WA-625 Spring
Acrylonitrile	SW-846:8260B	ug/L	37	0	0	5	5	5	37	100	-	-	37	0	0	0	1.237239	Reg6	8	-	-	-
Benzene	SW-846:8260B	ug/L	70	1	1	0.45	0.45	0.45	69	99	-	-	0	0	0	0	5	MCL	8	-	-	-
Bromobenzene	SW-846:8260B	ug/L	70	0	0	1	1	1	70	100	-	-	0	0	0	0	23.25201	Reg6	8	-	-	-
Bromochloromethane	SW-846:8260B	ug/L	70	0	0	1	1	1	70	100	-	-	0	0	0	0	-	-	8	-	-	-
Bromodichloromethane	SW-846:8260B	ug/L	70	0	0	1	1	1	70	100	-	-	0	0	0	0	10.69108	Reg6	8	-	-	-
Bromoform	SW-846:8260B	ug/L	70	0	0	1	1	1	70	100	-	-	0	0	0	0	85.10321	Reg6	8	-	-	-
Bromomethane	SW-846:8260B	ug/L	70	0	0	1	1	1	70	100	-	-	0	0	0	0	8.661017	Reg6	8	-	-	-
Butanol[1-]	SW-846:8260B	ug/L	6	0	0	50	50	50	6	100	-	-	0	0	0	0	3650	Reg6	4	-	-	-
Butanone[2-]	SW-846:8260B	ug/L	70	2	3	2.3	2.31	2.32	68	97	-	-	0	0	0	0	7064.516	Reg6	8	-	-	-
Butylbenzene[n-]	SW-846:8260B	ug/L	70	0	0	1	1	1	70	100	-	-	0	0	0	0	60.83333	Reg6	8	-	-	-
Butylbenzene[sec-]	SW-846:8260B	ug/L	70	0	0	1	1	1	70	100	-	-	0	0	0	0	60.83333	Reg6	8	-	-	-
Butylbenzene[tert-]	SW-846:8260B	ug/L	70	0	0	1	1	1	70	100	-	-	0	0	0	0	60.83333	Reg6	8	-	-	-
Carbon Disulfide	SW-846:8260B	ug/L	70	2	3	1.32	1.325	1.33	68	97	-	-	0	0	0	0	1042.857	Reg6	8	-	-	-
Carbon Tetrachloride	SW-846:8260B	ug/L	70	0	0	1	1	1	70	100	-	-	0	0	0	0	5	MCL	8	-	-	-
Chloro-1,3-butadiene[2-]	SW-846:8260B	ug/L	37	0	0	1	1	1	37	100	-	-	0	0	0	0	14.31373	Reg6	8	-	-	-
Chloro-1-propene[3-]	SW-846:8260B	ug/L	37	0	0	5	5	5	37	100	-	-	0	0	0	0	1825	Reg6	8	-	-	-
Chlorobenzene	SW-846:8260B	ug/L	70	0	0	1	1	1	70	100	-	-	0	0	0	0	100	MCL	8	-	-	-
Chlorodibromomethane	SW-846:8260B	ug/L	70	0	0	1	1	1	70	100	-	-	0	0	0	0	7.891034	Reg6	8	-	-	-
Chloroethane	SW-846:8260B	ug/L	70	0	0	1	1	1	70	100	-	-	0	0	0	0	228.5679	Reg6	8	-	-	-
Chloroethyl vinyl ether[2-]	EPA:624	ug/L	4	0	0	5	5	5	4	100	-	-	0	0	0	0	-	-	3	-	-	-
Chloroform	SW-846:8260B	ug/L	70	0	0	0.348	0.9907	1	70	100	-	-	0	0	0	0	60	MCL	8	-	-	-
Chloromethane	SW-846:8260B	ug/L	69	0	0	1	1	1	69	100	-	-	0	0	0	0	21.34503	Reg6	8	-	-	-
Chlorotoluene[2-]	SW-846:8260B	ug/L	70	0	0	1	1	1	70	100	-	-	0	0	0	0	121.6667	Reg6	8	-	-	-
Chlorotoluene[4-]	SW-846:8260B	ug/L	70	0	0	1	1	1	70	100	-	-	0	0	0	0	-	-	8	-	-	-
Dibromo-3-Chloropropane[1,2-]	SW-846:8260B	ug/L	70	0	0	1	1	1	70	100	-	-	70	0	0	0	0.2	MCL	8	-	-	-
Dibromoethane[1,2-]	SW-846:8260B	ug/L	70	0	0	1	1	1	70	100	-	-	70	0	0	0	0.05	MCL	8	-	-	-
Dibromomethane	SW-846:8260B	ug/L	70	0	0	1	1	1	70	100	-	-	0	0	0	0	60.83333	Reg6	8	-	-	-
Dichlorobenzene[1,2-]	SW-846:8260B	ug/L	70	0	0	1	1	1	70	100	-	-	0	0	0	0	-	-	8	-	-	-
Dichlorobenzene[1,3-]	SW-846:8260B	ug/L	70	0	0	1	1	1	70	100	-	-	0	0	0	0	-	-	8	-	-	-
Dichlorobenzene[1,4-]	SW-846:8260B	ug/L	70	0	0	0.17	0.9721	1	70	100	-	-	0	0	0	0	-	-	8	-	-	-
Dichlorodifluoromethane	SW-846:8260B	ug/L	70	0	0	1	1	1	70	100	-	-	0	0	0	0	394.5946	Reg6	8	-	-	-
Dichloroethane[1,1-]	SW-846:8260B	ug/L	70	0	0	1	1	1	70	100	-	-	0	0	0	0	25	NMGSU	8	-	-	-
Dichloroethane[1,2-]	SW-846:8260B	ug/L	70	0	0	1	1	1	70	100	-	-	0	0	0	0	5	MCL	8	-	-	-
Dichloroethene[1,1-]	SW-846:8260B	ug/L	70	0	0	1	1	1	70	100	-	-	0	0	0	0	5	NMGSU	8	-	-	-
Dichloroethene[cis-1,2-]	SW-846:8260B	ug/L	70	2	3	0.76	3.53	6.3	68	97	-	-	0	0	0	0	70	MCL	8	-	-	-

Table B-5
Screening Table for Water Canyon Watershed (including Cañon de Valle, Potrillo Canyon, and Fence Canyon)

Analyte	Method	Units	No. of Analyses	No. of Detects	D Rate %	Min	Mean	Max	No. of Non-detects	ND Rate %	BV	D> BV	ND> Std	D> Std	D> Std/2	D>Std/2 Rate %	Level	Std Type	Locations with Data (number)	D>Std (number of locations)	D>Std/2 (number of locations)	D>Std Stations
Dichloroethene[trans-1,2-]	SW-846:8260B	ug/L	70	0	0	*1*	*1*	*1*	70	100	-	-	0	0	0	0	100	MCL	8	-	-	-
Dichloropropane[1,2-]	SW-846:8260B	ug/L	70	0	0	*1*	*1*	*1*	70	100	-	-	0	0	0	0	5	MCL	8	-	-	-
Dichloropropane[1,3-]	SW-846:8260B	ug/L	70	0	0	*1*	*1*	*1*	70	100	-	-	0	0	0	0	-	-	8	-	-	-
Dichloropropane[2,2-]	SW-846:8260B	ug/L	70	0	0	*1*	*1*	*1*	70	100	-	-	0	0	0	0	-	-	8	-	-	-
Dichloropropene[1,1-]	SW-846:8260B	ug/L	70	0	0	*1*	*1*	*1*	70	100	-	-	0	0	0	0	-	-	8	-	-	-
Dichloropropene[cis-1,3-]	SW-846:8260B	ug/L	70	0	0	*1*	*1*	*1*	70	100	-	-	0	0	0	0	-	-	8	-	-	-
Dichloropropene[trans-1,3-]	SW-846:8260B	ug/L	70	0	0	*1*	*1*	*1*	70	100	-	-	0	0	0	0	-	-	8	-	-	-
Diethyl Ether	SW-846:8260B	ug/L	10	0	0	*1*	*1.025*	*1.25*	10	100	-	-	0	0	0	0	-	-	6	-	-	-
Dioxane[1,4-]	SW-846:8260B	ug/L	8	0	0	*50*	*50*	*50*	8	100	-	-	0	0	0	0	-	-	5	-	-	-
Ethyl Methacrylate	SW-846:8260B	ug/L	37	0	0	*5*	*5*	*5*	37	100	-	-	0	0	0	0	547.5	Reg6	8	-	-	-
Ethylbenzene	SW-846:8260B	ug/L	67	0	0	*1*	*1*	*1*	67	100	-	-	0	0	0	0	700	MCL	8	-	-	-
Hexachlorobutadiene	SW-846:8260B	ug/L	37	0	0	*1*	*1*	*1*	37	100	-	-	0	0	0	0	-	-	8	-	-	-
Hexanone[2-]	SW-846:8260B	ug/L	70	0	0	*5*	*5*	*5*	70	100	-	-	0	0	0	0	-	-	8	-	-	-
Iodomethane	SW-846:8260B	ug/L	70	0	0	*5*	*5*	*5*	70	100	-	-	0	0	0	0	-	-	8	-	-	-
Isobutyl alcohol	SW-846:8260B	ug/L	37	0	0	*50*	*50*	*50*	37	100	-	-	0	0	0	0	1825	Reg6	8	-	-	-
Isopropylbenzene	SW-846:8260B	ug/L	70	0	0	*1*	*1*	*1*	70	100	-	-	0	0	0	0	658.1967	Reg6	8	-	-	-
Isopropyltoluene[4-]	SW-846:8260B	ug/L	70	0	0	*1*	*1*	*1*	70	100	-	-	0	0	0	0	-	-	8	-	-	-
Methacrylonitrile	SW-846:8260B	ug/L	37	0	0	*5*	*5*	*5*	37	100	-	-	37	0	0	0	1.042857	Reg6	8	-	-	-
Methyl Methacrylate	SW-846:8260B	ug/L	37	0	0	*5*	*5*	*5*	37	100	-	-	0	0	0	0	1419.444	Reg6	8	-	-	-
Methyl tert-Butyl Ether	SW-846:8260B	ug/L	9	0	0	*1*	*1*	*1*	9	100	-	-	0	0	0	0	370.8305	Reg6	6	-	-	-
Methyl-2-pentanone[4-]	SW-846:8260B	ug/L	70	0	0	*5*	*5*	*5*	70	100	-	-	0	0	0	0	1990.909	Reg6	8	-	-	-
Methylene Chloride	SW-846:8260B	ug/L	70	1	1	3.12	3.12	3.12	69	99	-	-	0	0	1	1	5	MCL	8	-	1	-
Naphthalene	SW-846:8260B	ug/L	37	1	3	1	1	1	36	97	-	-	0	0	0	0	-	-	8	-	-	-
Propionitrile	SW-846:8260B	ug/L	37	0	0	*5*	*5*	*5*	37	100	-	-	0	0	0	0	-	-	8	-	-	-
Propylbenzene[1-]	SW-846:8260B	ug/L	70	0	0	*1*	*1*	*1*	70	100	-	-	0	0	0	0	60.83333	Reg6	8	-	-	-
Styrene	SW-846:8260B	ug/L	70	0	0	*1*	*1*	*1*	70	100	-	-	0	0	0	0	100	MCL	8	-	-	-
Tetrachloroethane[1,1,1,2-]	SW-846:8260B	ug/L	65	0	0	*1*	*1*	*1*	65	100	-	-	0	0	0	0	25.49549	Reg6	8	-	-	-
Tetrachloroethane[1,1,2,2-]	SW-846:8260B	ug/L	70	0	0	*1*	*1*	*1*	70	100	-	-	0	0	0	0	10	NMGSU	8	-	-	-
Tetrachloroethene	SW-846:8260B	ug/L	70	40	57	0.268	3.1994	39.1	30	43	-	-	0	2	3	4	5	MCL	8	1	2	Fish Ladder Spring
Toluene	SW-846:8260B	ug/L	67	2	3	0.281	0.2965	0.312	65	97	-	-	0	0	0	0	750	NMGSU	8	-	-	-
Trichloro-1,2,2-trifluoroethane[1,1,2-]	SW-846:8260B	ug/L	70	0	0	*5*	*5*	*5*	70	100	-	-	0	0	0	0	59179.86	Reg6	8	-	-	-
Trichlorobenzene[1,2,3-]	SW-846:8260B	ug/L	37	0	0	*1*	*1*	*1*	37	100	-	-	0	0	0	0	-	-	8	-	-	-
Trichlorobenzene[1,2,4-]	SW-846:8260B	ug/L	37	0	0	*1*	*1*	*1*	37	100	-	-	0	0	0	0	-	-	8	-	-	-
Trichloroethane[1,1,1-]	SW-846:8260B	ug/L	70	0	0	*1*	*1*	*1*	70	100	-	-	0	0	0	0	60	NMGSU	8	-	-	-
Trichloroethane[1,1,2-]	SW-846:8260B	ug/L	70	0	0	*1*	*1*	*1*	70	100	-	-	0	0	0	0	5	MCL	8	-	-	-
Trichloroethene	SW-846:8260B	ug/L	70	48	69	0.259	1.6568	9.9	22	31	-	-	0	1	8	11	5	MCL	8	1	2	Fish Ladder Spring
Trichlorofluoromethane	SW-846:8260B	ug/L	70	0	0	*1*	*1*	*1*	70	100	-	-	0	0	0	0	5	MCL	8	-	-	-
Trichloropropane[1,2,3-]	SW-846:8260B	ug/L	70	0	0	*1*	*1*	*1*	70	100	-	-	70	0	0	0	0.09469241	Reg6	8	-	-	-
Trimethylbenzene[1,2,4-]	SW-846:8260B	ug/L	70	0	0	*1*	*1*	*1*	70	100	-	-	0	0	0	0	12.42906	Reg6	8	-	-	-
Trimethylbenzene[1,3,5-]	SW-846:8260B	ug/L	70	0	0	*1*	*1*	*1*	70	100	-	-	0	0	0	0	12.32618	Reg6	8	-	-	-
Vinyl acetate	SW-846:8260B	ug/L	37	0	0	*5*	*5*	*5*	37	100	-	-	0	0	0	0	412.4294	Reg6	8	-	-	-
Vinyl Chloride	SW-846:8260B	ug/L	70	0	0	*1*	*1*	*1*	70	100	-	-	0	0	0	0	1	NMGSU	8	-	-	-
Xylene[1,2-]	SW-846:8260B	ug/L	67	0	0	*1*	*1*	*1*	67	100	-	-	0	0	0	0	1431.373	Reg6	8	-	-	-
Xylene[1,3-]+Xylene[1,4-]	SW-846:8260B	ug/L	67	0	0	*2*	*2*	*2*	67	100	-	-	0	0	0	0	-	-	8	-	-	-
Water, VOA, UF, Alluvial																						
Acetone	SW-846:8260B	ug/L	110	42	38	1.43	5.3029	16.3	68	62	-	-	0	0	0	0	5475	Reg6	12	-	-	-
Acetonitrile	SW-846:8260B	ug/L	48	0	0	*25*	*25*	*25*	48	100	-	-	0	0	0	0	124.1	Reg6	11	-	-	-
Acrolein	SW-846:8260B	ug/L	43	0	0	*5*	*5*	*5*	43	100	-	-	43	0	0	0	0.04161916	Reg6	11	-	-	-
Acrylonitrile	SW-846:8260B	ug/L	48	0	0	*5*	*5*	*5*	48	100	-	-	48	0	0	0	1.237239	Reg6	11	-	-	-
Benzene	SW-846:8260B	ug/L	118	0	0	*1*	*1*	*1*	118	100	-	-	0	0	0	0	5	MCL	12	-	-	-
Bromobenzene	SW-846:8260B	ug/L	118	0	0	*1*	*1*	*1*	118	100	-	-	0	0	0	0	23.25201	Reg6	12	-	-	-
Bromochloromethane	SW-846:8260B	ug/L	118	0	0	*1*	*1*	*1*	118	100	-	-	0	0	0	0	-	-	12	-	-	-
Bromodichloromethane	SW-846:8260B	ug/L	118	0	0	*1*	*1*	*1*	118	100	-	-	0	0	0	0	10.69108	Reg6	12	-	-	-
Bromoform	SW-846:8260B	ug/L	118	0	0	*1*	*1*	*1*	118	100	-	-	0	0	0	0	85.10321	Reg6	12	-	-	-
Bromomethane	SW-846:8260B	ug/L	118	0	0	*1*	*1*	*1*	118	100	-	-	0	0	0	0	8.661017	Reg6	12	-	-	-

Table B-5
Screening Table for Water Canyon Watershed (including Cañon de Valle, Potrillo Canyon, and Fence Canyon)

Analyte	Method	Units	No. of Analyses	No. of Detects	D Rate %	Min	Mean	Max	No. of Non-detects	ND Rate %	BV	D> BV	ND> Std	D> Std	D> Std/2	D>Std/2 Rate %	Level	Std Type	Locations with Data (number)	D>Std (number of locations)	D>Std/2 (number of locations)	D>Std Stations
Butanol[1-]	SW-846:8260B	ug/L	4	0	0	50	50	50	4	100	-	-	0	0	0	0	3650	Reg6	4	-	-	-
Butanone[2-]	SW-846:8260B	ug/L	118	3	3	1.93	3.6	5.3	115	97	-	-	0	0	0	0	7064.516	Reg6	12	-	-	-
Butylbenzene[n-]	SW-846:8260B	ug/L	118	0	0	1	1	1	118	100	-	-	0	0	0	0	60.83333	Reg6	12	-	-	-
Butylbenzene[sec-]	SW-846:8260B	ug/L	118	0	0	1	1	1	118	100	-	-	0	0	0	0	60.83333	Reg6	12	-	-	-
Butylbenzene[tert-]	SW-846:8260B	ug/L	118	0	0	1	1	1	118	100	-	-	0	0	0	0	60.83333	Reg6	12	-	-	-
Carbon Disulfide	SW-846:8260B	ug/L	118	0	0	1.34	4.9243	5	118	100	-	-	0	0	0	0	1042.857	Reg6	12	-	-	-
Carbon Tetrachloride	SW-846:8260B	ug/L	118	0	0	1	1	1	118	100	-	-	0	0	0	0	5	MCL	12	-	-	-
Chloro-1,3-butadiene[2-]	SW-846:8260B	ug/L	48	0	0	1	1	1	48	100	-	-	0	0	0	0	14.31373	Reg6	11	-	-	-
Chloro-1-propene[3-]	SW-846:8260B	ug/L	48	0	0	5	5	5	48	100	-	-	0	0	0	0	1825	Reg6	11	-	-	-
Chlorobenzene	SW-846:8260B	ug/L	118	0	0	1	1	1	118	100	-	-	0	0	0	0	100	MCL	12	-	-	-
Chlorodibromomethane	SW-846:8260B	ug/L	118	0	0	1	1	1	118	100	-	-	0	0	0	0	7.891034	Reg6	12	-	-	-
Chloroethane	SW-846:8260B	ug/L	118	0	0	1	1	1	118	100	-	-	0	0	0	0	228.5679	Reg6	12	-	-	-
Chloroethyl vinyl ether[2-]	EPA:624	ug/L	9	0	0	5	5	5	9	100	-	-	0	0	0	0	-	-	7	-	-	-
Chloroform	SW-846:8260B	ug/L	118	0	0	0.377	0.9947	1	118	100	-	-	0	0	0	0	60	MCL	12	-	-	-
Chloromethane	SW-846:8260B	ug/L	118	1	1	2.2	2.2	2.2	117	99	-	-	0	0	0	0	21.34503	Reg6	12	-	-	-
Chlorotoluene[2-]	SW-846:8260B	ug/L	118	0	0	1	1	1	118	100	-	-	0	0	0	0	121.6667	Reg6	12	-	-	-
Chlorotoluene[4-]	SW-846:8260B	ug/L	118	0	0	1	1	1	118	100	-	-	0	0	0	0	-	-	12	-	-	-
Dibromo-3-Chloropropane[1,2-]	SW-846:8260B	ug/L	118	0	0	1	1	1	118	100	-	-	118	0	0	0	0.2	MCL	12	-	-	-
Dibromoethane[1,2-]	SW-846:8260B	ug/L	118	0	0	1	1	1	118	100	-	-	118	0	0	0	0.05	MCL	12	-	-	-
Dibromomethane	SW-846:8260B	ug/L	118	0	0	1	1	1	118	100	-	-	0	0	0	0	60.83333	Reg6	12	-	-	-
Dichlorobenzene[1,2-]	SW-846:8260B	ug/L	118	0	0	1	1	1	118	100	-	-	0	0	0	0	-	-	12	-	-	-
Dichlorobenzene[1,3-]	SW-846:8260B	ug/L	118	2	2	0.32	0.45	0.58	116	98	-	-	0	0	0	0	-	-	12	-	-	-
Dichlorobenzene[1,4-]	SW-846:8260B	ug/L	118	0	0	0.19	0.9714	1	118	100	-	-	0	0	0	0	-	-	12	-	-	-
Dichlorodifluoromethane	SW-846:8260B	ug/L	118	0	0	1	1	1	118	100	-	-	0	0	0	0	394.5946	Reg6	12	-	-	-
Dichloroethane[1,1-]	SW-846:8260B	ug/L	118	0	0	1	1	1	118	100	-	-	0	0	0	0	25	NMGSU	12	-	-	-
Dichloroethane[1,2-]	SW-846:8260B	ug/L	118	0	0	1	1	1	118	100	-	-	0	0	0	0	5	MCL	12	-	-	-
Dichloroethene[1,1-]	SW-846:8260B	ug/L	118	0	0	1	1	1	118	100	-	-	0	0	0	0	5	NMGSU	12	-	-	-
Dichloroethene[cis-1,2-]	SW-846:8260B	ug/L	118	1	1	26.7	26.7	26.7	117	99	-	-	0	0	0	0	70	MCL	12	-	-	-
Dichloroethene[trans-1,2-]	SW-846:8260B	ug/L	118	0	0	1	1	1	118	100	-	-	0	0	0	0	100	MCL	12	-	-	-
Dichloropropane[1,2-]	SW-846:8260B	ug/L	118	0	0	1	1	1	118	100	-	-	0	0	0	0	5	MCL	12	-	-	-
Dichloropropane[1,3-]	SW-846:8260B	ug/L	118	0	0	1	1	1	118	100	-	-	0	0	0	0	-	-	12	-	-	-
Dichloropropane[2,2-]	SW-846:8260B	ug/L	118	0	0	1	1	1	118	100	-	-	0	0	0	0	-	-	12	-	-	-
Dichloropropene[1,1-]	SW-846:8260B	ug/L	118	0	0	1	1	1	118	100	-	-	0	0	0	0	-	-	12	-	-	-
Dichloropropene[cis-1,3-]	SW-846:8260B	ug/L	118	0	0	1	1	1	118	100	-	-	0	0	0	0	-	-	12	-	-	-
Dichloropropene[trans-1,3-]	SW-846:8260B	ug/L	118	0	0	1	1	1	118	100	-	-	0	0	0	0	-	-	12	-	-	-
Diethyl Ether	SW-846:8260B	ug/L	13	0	0	1	1	1	13	100	-	-	0	0	0	0	-	-	7	-	-	-
Dioxane[1,4-]	SW-846:8260B	ug/L	4	0	0	22.1	43.025	50	4	100	-	-	0	0	0	0	-	-	3	-	-	-
Ethyl Methacrylate	SW-846:8260B	ug/L	48	0	0	5	5	5	48	100	-	-	0	0	0	0	547.5	Reg6	11	-	-	-
Ethylbenzene	SW-846:8260B	ug/L	117	0	0	1	1	1	117	100	-	-	0	0	0	0	700	MCL	12	-	-	-
Hexachlorobutadiene	SW-846:8260B	ug/L	48	0	0	1	1	1	48	100	-	-	0	0	0	0	-	-	11	-	-	-
Hexanone[2-]	SW-846:8260B	ug/L	118	0	0	5	5	5	118	100	-	-	0	0	0	0	-	-	12	-	-	-
Iodomethane	SW-846:8260B	ug/L	118	0	0	5	5	5	118	100	-	-	0	0	0	0	-	-	12	-	-	-
Isobutyl alcohol	SW-846:8260B	ug/L	41	0	0	50	50	50	41	100	-	-	0	0	0	0	1825	Reg6	11	-	-	-
Isopropylbenzene	SW-846:8260B	ug/L	118	0	0	1	1	1	118	100	-	-	0	0	0	0	658.1967	Reg6	12	-	-	-
Isopropyltoluene[4-]	SW-846:8260B	ug/L	118	1	1	0.93	0.93	0.93	117	99	-	-	0	0	0	0	-	-	12	-	-	-
Methacrylonitrile	SW-846:8260B	ug/L	48	0	0	5	5	5	48	100	-	-	48	0	0	0	1.042857	Reg6	11	-	-	-
Methyl Methacrylate	SW-846:8260B	ug/L	48	0	0	5	5	5	48	100	-	-	0	0	0	0	1419.444	Reg6	11	-	-	-
Methyl tert-Butyl Ether	SW-846:8260B	ug/L	13	0	0	1	1	1	13	100	-	-	0	0	0	0	370.8305	Reg6	7	-	-	-
Methyl-2-pentanone[4-]	SW-846:8260B	ug/L	118	0	0	5	5	5	118	100	-	-	0	0	0	0	1990.909	Reg6	12	-	-	-
Methylene Chloride	SW-846:8260B	ug/L	118	1	1	2.1	2.1	2.1	117	99	-	-	0	0	0	0	5	MCL	12	-	-	-
Naphthalene	SW-846:8260B	ug/L	46	1	2	0.27	0.27	0.27	45	98	-	-	0	0	0	0	-	-	11	-	-	-
Propionitrile	SW-846:8260B	ug/L	48	0	0	5	5	5	48	100	-	-	0	0	0	0	-	-	11	-	-	-
Propylbenzene[1-]	SW-846:8260B	ug/L	118	0	0	1	1	1	118	100	-	-	0	0	0	0	60.83333	Reg6	12	-	-	-
Styrene	SW-846:8260B	ug/L	118	0	0	1	1	1	118	100	-	-	0	0	0	0	100	MCL	12	-	-	-
Tetrachloroethane[1,1,1,2-]	SW-846:8260B	ug/L	118	0	0	1	1	1	118	100	-	-	0	0	0	0	25.49549	Reg6	12	-	-	-
Tetrachloroethane[1,1,2,2-]	SW-846:8260B	ug/L	118	0	0	1	1	1	118	100	-	-	0	0	0	0	10	NMGSU	12	-	-	-
Tetrachloroethene	SW-846:8260B	ug/L	118	4	3	0.489	2.4248	6.09	114	97	-	-	0	1	2	2	5	MCL	12	1	2	FLC-16-25280

Table B-5
Screening Table for Water Canyon Watershed (including Cañon de Valle, Potrillo Canyon, and Fence Canyon)

Analyte	Method	Units	No. of Analyses	No. of Detects	D Rate %	Min	Mean	Max	No. of Non-detects	ND Rate %	BV	D> BV	ND> Std	D> Std	D> Std/2	D>Std/2 Rate %	Level	Std Type	Locations with Data (number)	D>Std (number of locations)	D>Std/2 (number of locations)	D>Std Stations
Toluene	SW-846:8260B	ug/L	117	11	9	0.298	0.4448	0.51	106	91	-	-	0	0	0	0	750	NMGSU	12	-	-	-
Trichloro-1,2,2-trifluoroethane[1,1,2-]	SW-846:8260B	ug/L	117	0	0	*5*	*5*	*5*	117	100	-	-	0	0	0	0	59179.86	Reg6	12	-	-	-
Trichlorobenzene[1,2,3-]	SW-846:8260B	ug/L	48	0	0	*1*	*1*	*1*	48	100	-	-	0	0	0	0	-	-	11	-	-	-
Trichlorobenzene[1,2,4-]	SW-846:8260B	ug/L	48	0	0	*1*	*1*	*1*	48	100	-	-	0	0	0	0	-	-	11	-	-	-
Trichloroethane[1,1,1-]	SW-846:8260B	ug/L	118	0	0	*1*	*1*	*1*	118	100	-	-	0	0	0	0	60	NMGSU	12	-	-	-
Trichloroethane[1,1,2-]	SW-846:8260B	ug/L	118	0	0	*1*	*1*	*1*	118	100	-	-	0	0	0	0	5	MCL	12	-	-	-
Trichloroethene	SW-846:8260B	ug/L	118	4	3	0.59	2.06	3.99	114	97	-	-	0	0	2	2	5	MCL	12	-	2	-
Trichlorofluoromethane	SW-846:8260B	ug/L	118	0	0	*1*	*1*	*1*	118	100	-	-	0	0	0	0	5	MCL	12	-	-	-
Trichloropropane[1,2,3-]	SW-846:8260B	ug/L	118	0	0	*1*	*1*	*1*	118	100	-	-	118	0	0	0	0.09469241	Reg6	12	-	-	-
Trimethylbenzene[1,2,4-]	SW-846:8260B	ug/L	118	0	0	*1*	*1*	*1*	118	100	-	-	0	0	0	0	12.42906	Reg6	12	-	-	-
Trimethylbenzene[1,3,5-]	SW-846:8260B	ug/L	118	0	0	*1*	*1*	*1*	118	100	-	-	0	0	0	0	12.32618	Reg6	12	-	-	-
Vinyl acetate	SW-846:8260B	ug/L	48	0	0	*5*	*5*	*5*	48	100	-	-	0	0	0	0	412.4294	Reg6	11	-	-	-
Vinyl Chloride	SW-846:8260B	ug/L	118	0	0	*1*	*1*	*1*	118	100	-	-	0	0	0	0	1	NMGSU	12	-	-	-
Xylene (Total)	SW-846:8260B	ug/L	1	0	0	*1*	*1*	*1*	1	100	-	-	0	0	0	0	10000	MCL	1	-	-	-
Xylene[1,2-]	SW-846:8260B	ug/L	117	0	0	*1*	*1*	*1*	117	100	-	-	0	0	0	0	1431.373	Reg6	12	-	-	-
Xylene[1,3-]+Xylene[1,4-]	SW-846:8260B	ug/L	113	0	0	*2*	*2*	*2*	113	100	-	-	0	0	0	0	-	-	12	-	-	-
Water, VOA, UF, Intermediate																						
Acetone	SW-846:8260B	ug/L	39	8	21	1.4	4.125	11.8	31	79	-	-	0	0	0	0	5475	Reg6	4	-	-	-
Acetonitrile	SW-846:8260B	ug/L	19	0	0	*25*	*25*	*25*	19	100	-	-	0	0	0	0	124.1	Reg6	4	-	-	-
Acrolein	SW-846:8260B	ug/L	29	0	0	*5*	*5*	*5*	29	100	-	-	29	0	0	0	0.04161916	Reg6	4	-	-	-
Acrylonitrile	SW-846:8260B	ug/L	29	0	0	*5*	*5*	*5*	29	100	-	-	29	0	0	0	1.237239	Reg6	4	-	-	-
Benzene	SW-846:8260B	ug/L	40	0	0	*1*	*1*	*1*	40	100	-	-	0	0	0	0	5	MCL	4	-	-	-
Bromobenzene	SW-846:8260B	ug/L	40	0	0	*1*	*1*	*1*	40	100	-	-	0	0	0	0	23.25201	Reg6	4	-	-	-
Bromochloromethane	SW-846:8260B	ug/L	40	0	0	*1*	*1*	*1*	40	100	-	-	0	0	0	0	-	-	4	-	-	-
Bromodichloromethane	SW-846:8260B	ug/L	40	0	0	*1*	*1*	*1*	40	100	-	-	0	0	0	0	10.69108	Reg6	4	-	-	-
Bromoform	SW-846:8260B	ug/L	40	0	0	*1*	*1*	*1*	40	100	-	-	0	0	0	0	85.10321	Reg6	4	-	-	-
Bromomethane	SW-846:8260B	ug/L	40	0	0	*1*	*1*	*1*	40	100	-	-	0	0	0	0	8.661017	Reg6	4	-	-	-
Butanol[1-]	SW-846:8260B	ug/L	3	0	0	*50*	*50*	*50*	3	100	-	-	0	0	0	0	3650	Reg6	3	-	-	-
Butanone[2-]	SW-846:8260B	ug/L	40	2	5	11.6	11.65	11.7	38	95	-	-	0	0	0	0	7064.516	Reg6	4	-	-	-
Butylbenzene[n-]	SW-846:8260B	ug/L	40	0	0	*1*	*1*	*1*	40	100	-	-	0	0	0	0	60.83333	Reg6	4	-	-	-
Butylbenzene[sec-]	SW-846:8260B	ug/L	40	0	0	*1*	*1*	*1*	40	100	-	-	0	0	0	0	60.83333	Reg6	4	-	-	-
Butylbenzene[tert-]	SW-846:8260B	ug/L	40	0	0	*1*	*1*	*1*	40	100	-	-	0	0	0	0	60.83333	Reg6	4	-	-	-
Carbon Disulfide	SW-846:8260B	ug/L	40	2	5	1.36	1.43	1.5	38	95	-	-	0	0	0	0	1042.857	Reg6	4	-	-	-
Carbon Tetrachloride	SW-846:8260B	ug/L	40	0	0	*1*	*1*	*1*	40	100	-	-	0	0	0	0	5	MCL	4	-	-	-
Chloro-1,3-butadiene[2-]	SW-846:8260B	ug/L	19	0	0	*1*	*1*	*1*	19	100	-	-	0	0	0	0	14.31373	Reg6	4	-	-	-
Chloro-1-propene[3-]	SW-846:8260B	ug/L	19	0	0	*5*	*5*	*5*	19	100	-	-	0	0	0	0	1825	Reg6	4	-	-	-
Chlorobenzene	SW-846:8260B	ug/L	40	0	0	*1*	*1*	*1*	40	100	-	-	0	0	0	0	100	MCL	4	-	-	-
Chlorodibromomethane	SW-846:8260B	ug/L	40	0	0	*1*	*1*	*1*	40	100	-	-	0	0	0	0	7.891034	Reg6	4	-	-	-
Chloroethane	SW-846:8260B	ug/L	40	0	0	*1*	*1*	*1*	40	100	-	-	0	0	0	0	228.5679	Reg6	4	-	-	-
Chloroethyl vinyl ether[2-]	EPA:624	ug/L	6	0	0	*5*	*5*	*5*	6	100	-	-	0	0	0	0	-	-	4	-	-	-
Chloroform	SW-846:8260B	ug/L	40	0	0	*1*	*1*	*1*	40	100	-	-	0	0	0	0	60	MCL	4	-	-	-
Chloromethane	SW-846:8260B	ug/L	40	1	3	2.7	2.7	2.7	39	98	-	-	0	0	0	0	21.34503	Reg6	4	-	-	-
Chlorotoluene[2-]	SW-846:8260B	ug/L	40	0	0	*1*	*1*	*1*	40	100	-	-	0	0	0	0	121.6667	Reg6	4	-	-	-
Chlorotoluene[4-]	SW-846:8260B	ug/L	40	0	0	*1*	*1*	*1*	40	100	-	-	0	0	0	0	-	-	4	-	-	-
Dibromo-3-Chloropropane[1,2-]	SW-846:8260B	ug/L	40	0	0	*1*	*1*	*1*	40	100	-	-	40	0	0	0	0.2	MCL	4	-	-	-
Dibromoethane[1,2-]	SW-846:8260B	ug/L	40	0	0	*1*	*1*	*1*	40	100	-	-	40	0	0	0	0.05	MCL	4	-	-	-
Dibromomethane	SW-846:8260B	ug/L	40	0	0	*1*	*1*	*1*	40	100	-	-	0	0	0	0	60.83333	Reg6	4	-	-	-
Dichlorobenzene[1,2-]	SW-846:8260B	ug/L	40	0	0	*1*	*1*	*1*	40	100	-	-	0	0	0	0	-	-	4	-	-	-
Dichlorobenzene[1,3-]	SW-846:8260B	ug/L	40	0	0	*1*	*1*	*1*	40	100	-	-	0	0	0	0	-	-	4	-	-	-
Dichlorobenzene[1,4-]	SW-846:8260B	ug/L	40	0	0	*1*	*1*	*1*	40	100	-	-	0	0	0	0	-	-	4	-	-	-
Dichlorodifluoromethane	SW-846:8260B	ug/L	40	0	0	*1*	*1*	*1*	40	100	-	-	0	0	0	0	394.5946	Reg6	4	-	-	-
Dichloroethane[1,1-]	SW-846:8260B	ug/L	40	0	0	*1*	*1*	*1*	40	100	-	-	0	0	0	0	25	NMGSU	4	-	-	-
Dichloroethane[1,2-]	SW-846:8260B	ug/L	40	0	0	*1*	*1*	*1*	40	100	-	-	0	0	0	0	5	MCL	4	-	-	-
Dichloroethene[1,1-]	SW-846:8260B	ug/L	40	0	0	*1*	*1*	*1*	40	100	-	-	0	0	0	0	5	NMGSU	4	-	-	-
Dichloroethene[cis-1,2-]	SW-846:8260B	ug/L	30	0	0	*1*	*1*	*1*	30	100	-	-	0	0	0	0	70	MCL	4	-	-	-
Dichloroethene[trans-1,2-]	SW-846:8260B	ug/L	40	0	0	*1*	*1*	*1*	40	100	-	-	0	0	0	0	100	MCL	4	-	-	-
Dichloropropane[1,2-]	SW-846:8260B	ug/L	40	0	0	*1*	*1*	*1*	40	100	-	-	0	0	0	0	5	MCL	4	-	-	-

Table B-5
Screening Table for Water Canyon Watershed (including Cañon de Valle, Potrillo Canyon, and Fence Canyon)

Analyte	Method	Units	No. of Analyses	No. of Detects	D Rate %	Min	Mean	Max	No. of Non-detects	ND Rate %	BV	D> BV	ND> Std	D> Std	D> Std/2	D>Std/2 Rate %	Level	Std Type	Locations with Data (number)	D>Std (number of locations)	D>Std/2 (number of locations)	D>Std Stations
Dichloropropane[1,3-]	SW-846:8260B	ug/L	40	0	0	1	1	1	40	100	-	-	0	0	0	0	-	-	4	-	-	-
Dichloropropane[2,2-]	SW-846:8260B	ug/L	40	0	0	1	1	1	40	100	-	-	0	0	0	0	-	-	4	-	-	-
Dichloropropene[1,1-]	SW-846:8260B	ug/L	40	0	0	1	1	1	40	100	-	-	0	0	0	0	-	-	4	-	-	-
Dichloropropene[cis-1,3-]	SW-846:8260B	ug/L	40	0	0	1	1	1	40	100	-	-	0	0	0	0	-	-	4	-	-	-
Dichloropropene[trans-1,3-]	SW-846:8260B	ug/L	40	0	0	1	1	1	40	100	-	-	0	0	0	0	-	-	4	-	-	-
Diethyl Ether	SW-846:8260B	ug/L	6	0	0	1	1	1	6	100	-	-	0	0	0	0	-	-	4	-	-	-
Dioxane[1,4-]	SW-846:8260B	ug/L	1	0	0	50	50	50	1	100	-	-	0	0	0	0	-	-	1	-	-	-
Ethyl Methacrylate	SW-846:8260B	ug/L	19	0	0	5	5	5	19	100	-	-	0	0	0	0	547.5	Reg6	4	-	-	-
Ethylbenzene	SW-846:8260B	ug/L	39	0	0	1	1	1	39	100	-	-	0	0	0	0	700	MCL	4	-	-	-
Hexachlorobutadiene	SW-846:8260B	ug/L	29	0	0	1	1	1	29	100	-	-	0	0	0	0	-	-	4	-	-	-
Hexanone[2-]	SW-846:8260B	ug/L	40	0	0	5	5	5	40	100	-	-	0	0	0	0	-	-	4	-	-	-
Iodomethane	SW-846:8260B	ug/L	39	0	0	5	5	5	39	100	-	-	0	0	0	0	-	-	4	-	-	-
Isobutyl alcohol	SW-846:8260B	ug/L	18	0	0	50	50	50	18	100	-	-	0	0	0	0	1825	Reg6	4	-	-	-
Isopropylbenzene	SW-846:8260B	ug/L	40	0	0	1	1	1	40	100	-	-	0	0	0	0	658.1967	Reg6	4	-	-	-
Isopropyltoluene[4-]	SW-846:8260B	ug/L	40	0	0	1	1	1	40	100	-	-	0	0	0	0	-	-	4	-	-	-
Methacrylonitrile	SW-846:8260B	ug/L	19	0	0	5	5	5	19	100	-	-	19	0	0	0	1.042857	Reg6	4	-	-	-
Methyl Methacrylate	SW-846:8260B	ug/L	19	0	0	5	5	5	19	100	-	-	0	0	0	0	1419.444	Reg6	4	-	-	-
Methyl tert-Butyl Ether	SW-846:8260B	ug/L	6	4	67	0.264	0.716	1.24	2	33	-	-	0	0	0	0	370.8305	Reg6	4	-	-	-
Methyl-2-pentanone[4-]	SW-846:8260B	ug/L	40	1	3	5.35	5.35	5.35	39	98	-	-	0	0	0	0	1990.909	Reg6	4	-	-	-
Methylene Chloride	SW-846:8260B	ug/L	40	3	8	0.53	0.6867	0.85	37	93	-	-	0	0	0	0	5	MCL	4	-	-	-
Naphthalene	SW-846:8260B	ug/L	29	0	0	1	1	1	29	100	-	-	0	0	0	0	-	-	4	-	-	-
Propionitrile	SW-846:8260B	ug/L	19	0	0	5	5	5	19	100	-	-	0	0	0	0	-	-	4	-	-	-
Propylbenzene[1-]	SW-846:8260B	ug/L	40	0	0	1	1	1	40	100	-	-	0	0	0	0	60.83333	Reg6	4	-	-	-
Styrene	SW-846:8260B	ug/L	40	0	0	1	1	1	40	100	-	-	0	0	0	0	100	MCL	4	-	-	-
Tetrachloroethane[1,1,1,2-]	SW-846:8260B	ug/L	40	0	0	1	1	1	40	100	-	-	0	0	0	0	25.49549	Reg6	4	-	-	-
Tetrachloroethane[1,1,2,2-]	SW-846:8260B	ug/L	40	0	0	1	1	1	40	100	-	-	0	0	0	0	10	NMGSU	4	-	-	-
Tetrachloroethene	SW-846:8260B	ug/L	40	29	73	0.289	0.8949	1.49	11	28	-	-	0	0	0	0	5	MCL	4	-	-	-
Toluene	SW-846:8260B	ug/L	39	11	28	0.18	3.2413	10.9	28	72	-	-	0	0	0	0	750	NMGSU	4	-	-	-
Trichloro-1,2,2-trifluoroethane[1,1,2-]	SW-846:8260B	ug/L	40	0	0	5	5	5	40	100	-	-	0	0	0	0	59179.86	Reg6	4	-	-	-
Trichlorobenzene[1,2,3-]	SW-846:8260B	ug/L	18	0	0	1	1	1	18	100	-	-	0	0	0	0	-	-	4	-	-	-
Trichlorobenzene[1,2,4-]	SW-846:8260B	ug/L	19	0	0	1	1	1	19	100	-	-	0	0	0	0	-	-	4	-	-	-
Trichloroethane[1,1,1-]	SW-846:8260B	ug/L	40	0	0	1	1	1	40	100	-	-	0	0	0	0	60	NMGSU	4	-	-	-
Trichloroethane[1,1,2-]	SW-846:8260B	ug/L	40	0	0	1	1	1	40	100	-	-	0	0	0	0	5	MCL	4	-	-	-
Trichloroethene	SW-846:8260B	ug/L	40	18	45	0.285	1.0752	1.8	22	55	-	-	0	0	0	0	5	MCL	4	-	-	-
Trichlorofluoromethane	SW-846:8260B	ug/L	40	0	0	1	1	1	40	100	-	-	0	0	0	0	5	MCL	4	-	-	-
Trichloropropane[1,2,3-]	SW-846:8260B	ug/L	40	0	0	1	1	1	40	100	-	-	40	0	0	0	0.09469241	Reg6	4	-	-	-
Trimethylbenzene[1,2,4-]	SW-846:8260B	ug/L	40	0	0	1	1	1	40	100	-	-	0	0	0	0	12.42906	Reg6	4	-	-	-
Trimethylbenzene[1,3,5-]	SW-846:8260B	ug/L	40	0	0	1	1	1	40	100	-	-	0	0	0	0	12.32618	Reg6	4	-	-	-
Vinyl acetate	SW-846:8260B	ug/L	19	0	0	5	5	5	19	100	-	-	0	0	0	0	412.4294	Reg6	4	-	-	-
Vinyl Chloride	SW-846:8260B	ug/L	40	0	0	1	1	1	40	100	-	-	0	0	0	0	1	NMGSU	4	-	-	-
Xylene (Total)	SW-846:8260B	ug/L	18	0	0	1	1.4444	3	18	100	-	-	0	0	0	0	10000	MCL	4	-	-	-
Xylene[1,2-]	SW-846:8260B	ug/L	32	0	0	1	1	1	32	100	-	-	0	0	0	0	1431.373	Reg6	4	-	-	-
Xylene[1,3-]+Xylene[1,4-]	SW-846:8260B	ug/L	32	0	0	2	2	2	32	100	-	-	0	0	0	0	-	-	4	-	-	-
Water, VOA, UF, Regional																						
Acetone	SW-846:8260	ug/L	6	3	50	19.2	38.133	48.9	3	50	-	-	0	0	0	0	5475	Reg6	2	-	-	-
Acetone	SW-846:8260B	ug/L	96	11	11	1.28	6.8464	22.2	85	89	-	-	0	0	0	0	5475	Reg6	4	-	-	-
Acetonitrile	SW-846:8260B	ug/L	52	0	0	25	25	25	52	100	-	-	0	0	0	0	124.1	Reg6	4	-	-	-
Acrolein	SW-846:8260B	ug/L	53	0	0	5	5	5	53	100	-	-	53	0	0	0	0.04161916	Reg6	4	-	-	-
Acrylonitrile	SW-846:8260B	ug/L	61	0	0	5	5	5	61	100	-	-	61	0	0	0	1.237239	Reg6	4	-	-	-
Benzene	SW-846:8260	ug/L	6	0	0	1	1	1	6	100	-	-	0	0	0	0	5	MCL	2	-	-	-
Benzene	SW-846:8260B	ug/L	96	0	0	1	1	1	96	100	-	-	0	0	0	0	5	MCL	4	-	-	-
Bromobenzene	SW-846:8260	ug/L	6	0	0	1	1	1	6	100	-	-	0	0	0	0	23.25201	Reg6	2	-	-	-
Bromobenzene	SW-846:8260B	ug/L	96	0	0	1	1	1	96	100	-	-	0	0	0	0	23.25201	Reg6	4	-	-	-
Bromochloromethane	SW-846:8260	ug/L	6	0	0	1	1	1	6	100	-	-	0	0	0	0	-	-	2	-	-	-
Bromochloromethane	SW-846:8260B	ug/L	96	0	0	1	1	1	96	100	-	-	0	0	0	0	-	-	4	-	-	-
Bromodichloromethane	SW-846:8260	ug/L	6	0	0	1	1	1	6	100	-	-	0	0	0	0	10.69108	Reg6	2	-	-	-
Bromodichloromethane	SW-846:8260B	ug/L	96	0	0	1	1	1	96	100	-	-	0	0	0	0	10.69108	Reg6	4	-	-	-

Table B-5
Screening Table for Water Canyon Watershed (including Cañon de Valle, Potrillo Canyon, and Fence Canyon)

Analyte	Method	Units	No. of Analyses	No. of Detects	D Rate %	Min	Mean	Max	No. of Non-detects	ND Rate %	BV	D> BV	ND> Std	D> Std	D> Std/2	D>Std/2 Rate %	Level	Std Type	Locations with Data (number)	D>Std (number of locations)	D>Std/2 (number of locations)	D>Std Stations
Bromoform	SW-846:8260	ug/L	6	0	0	1	1	1	6	100	-	-	0	0	0	0	85.10321	Reg6	2	-	-	-
Bromoform	SW-846:8260B	ug/L	96	0	0	1	1	1	96	100	-	-	0	0	0	0	85.10321	Reg6	4	-	-	-
Bromomethane	SW-846:8260	ug/L	6	0	0	1	1	1	6	100	-	-	0	0	0	0	8.661017	Reg6	2	-	-	-
Bromomethane	SW-846:8260B	ug/L	96	0	0	1	1	1	96	100	-	-	0	0	0	0	8.661017	Reg6	4	-	-	-
Butanol[1-]	SW-846:8260B	ug/L	10	0	0	50	50	50	10	100	-	-	0	0	0	0	3650	Reg6	4	-	-	-
Butanone[2-]	SW-846:8260	ug/L	6	0	0	5	5	5	6	100	-	-	0	0	0	0	7064.516	Reg6	2	-	-	-
Butanone[2-]	SW-846:8260B	ug/L	96	0	0	5	5	5	96	100	-	-	0	0	0	0	7064.516	Reg6	4	-	-	-
Butylbenzene[n-]	SW-846:8260	ug/L	6	0	0	1	1	1	6	100	-	-	0	0	0	0	60.83333	Reg6	2	-	-	-
Butylbenzene[n-]	SW-846:8260B	ug/L	96	0	0	1	1	1	96	100	-	-	0	0	0	0	60.83333	Reg6	4	-	-	-
Butylbenzene[sec-]	SW-846:8260	ug/L	6	0	0	1	1	1	6	100	-	-	0	0	0	0	60.83333	Reg6	2	-	-	-
Butylbenzene[sec-]	SW-846:8260B	ug/L	96	0	0	1	1	1	96	100	-	-	0	0	0	0	60.83333	Reg6	4	-	-	-
Butylbenzene[tert-]	SW-846:8260	ug/L	6	0	0	1	1	1	6	100	-	-	0	0	0	0	60.83333	Reg6	2	-	-	-
Butylbenzene[tert-]	SW-846:8260B	ug/L	96	0	0	1	1	1	96	100	-	-	0	0	0	0	60.83333	Reg6	4	-	-	-
Carbon Disulfide	SW-846:8260	ug/L	6	0	0	5	5	5	6	100	-	-	0	0	0	0	1042.857	Reg6	2	-	-	-
Carbon Disulfide	SW-846:8260B	ug/L	94	2	2	1.61	1.655	1.7	92	98	-	-	0	0	0	0	1042.857	Reg6	4	-	-	-
Carbon Tetrachloride	SW-846:8260	ug/L	6	0	0	1	1	1	6	100	-	-	0	0	0	0	5	MCL	2	-	-	-
Carbon Tetrachloride	SW-846:8260B	ug/L	96	0	0	1	1	1	96	100	-	-	0	0	0	0	5	MCL	4	-	-	-
Chloro-1,3-butadiene[2-]	SW-846:8260B	ug/L	52	0	0	1	1	1	52	100	-	-	0	0	0	0	14.31373	Reg6	4	-	-	-
Chloro-1-propene[3-]	SW-846:8260B	ug/L	52	0	0	5	5	5	52	100	-	-	0	0	0	0	1825	Reg6	4	-	-	-
Chlorobenzene	SW-846:8260	ug/L	6	0	0	1	1	1	6	100	-	-	0	0	0	0	100	MCL	2	-	-	-
Chlorobenzene	SW-846:8260B	ug/L	96	0	0	1	1	1	96	100	-	-	0	0	0	0	100	MCL	4	-	-	-
Chlorodibromomethane	SW-846:8260	ug/L	6	0	0	1	1	1	6	100	-	-	0	0	0	0	7.891034	Reg6	2	-	-	-
Chlorodibromomethane	SW-846:8260B	ug/L	96	0	0	1	1	1	96	100	-	-	0	0	0	0	7.891034	Reg6	4	-	-	-
Chloroethane	SW-846:8260	ug/L	6	0	0	1	1	1	6	100	-	-	0	0	0	0	228.5679	Reg6	2	-	-	-
Chloroethane	SW-846:8260B	ug/L	91	0	0	1	1	1	91	100	-	-	0	0	0	0	228.5679	Reg6	4	-	-	-
Chloroethyl vinyl ether[2-]	EPA:624	ug/L	19	0	0	5	5	5	19	100	-	-	0	0	0	0	-	-	4	-	-	-
Chloroform	SW-846:8260	ug/L	6	0	0	1	1	1	6	100	-	-	0	0	0	0	60	MCL	2	-	-	-
Chloroform	SW-846:8260B	ug/L	96	0	0	1	1	1	96	100	-	-	0	0	0	0	60	MCL	4	-	-	-
Chloromethane	SW-846:8260	ug/L	6	0	0	1	1	1	6	100	-	-	0	0	0	0	21.34503	Reg6	2	-	-	-
Chloromethane	SW-846:8260B	ug/L	86	1	1	0.988	0.988	0.988	85	99	-	-	0	0	0	0	21.34503	Reg6	4	-	-	-
Chlorotoluene[2-]	SW-846:8260	ug/L	6	0	0	1	1	1	6	100	-	-	0	0	0	0	121.6667	Reg6	2	-	-	-
Chlorotoluene[2-]	SW-846:8260B	ug/L	96	0	0	1	1	1	96	100	-	-	0	0	0	0	121.6667	Reg6	4	-	-	-
Chlorotoluene[4-]	SW-846:8260	ug/L	6	0	0	1	1	1	6	100	-	-	0	0	0	0	-	-	2	-	-	-
Chlorotoluene[4-]	SW-846:8260B	ug/L	96	0	0	1	1	1	96	100	-	-	0	0	0	0	-	-	4	-	-	-
Dibromo-3-Chloropropane[1,2-]	SW-846:8260	ug/L	6	0	0	1	1	1	6	100	-	-	6	0	0	0	0.2	MCL	2	-	-	-
Dibromo-3-Chloropropane[1,2-]	SW-846:8260B	ug/L	96	0	0	1	1	1	96	100	-	-	96	0	0	0	0.2	MCL	4	-	-	-
Dibromoethane[1,2-]	SW-846:8260	ug/L	6	0	0	1	1	1	6	100	-	-	6	0	0	0	0.05	MCL	2	-	-	-
Dibromoethane[1,2-]	SW-846:8260B	ug/L	96	0	0	1	1	1	96	100	-	-	96	0	0	0	0.05	MCL	4	-	-	-
Dibromomethane	SW-846:8260	ug/L	6	0	0	1	1	1	6	100	-	-	0	0	0	0	60.83333	Reg6	2	-	-	-
Dibromomethane	SW-846:8260B	ug/L	96	0	0	1	1	1	96	100	-	-	0	0	0	0	60.83333	Reg6	4	-	-	-
Dichlorobenzene[1,2-]	SW-846:8260	ug/L	6	0	0	1	1	1	6	100	-	-	0	0	0	0	-	-	2	-	-	-
Dichlorobenzene[1,2-]	SW-846:8260B	ug/L	96	1	1	0.17	0.17	0.17	95	99	-	-	0	0	0	0	-	-	4	-	-	-
Dichlorobenzene[1,3-]	SW-846:8260	ug/L	6	0	0	1	1	1	6	100	-	-	0	0	0	0	-	-	2	-	-	-
Dichlorobenzene[1,3-]	SW-846:8260B	ug/L	96	0	0	1	1	1	96	100	-	-	0	0	0	0	-	-	4	-	-	-
Dichlorobenzene[1,4-]	SW-846:8260	ug/L	6	1	17	0.21	0.21	0.21	5	83	-	-	0	0	0	0	-	-	2	-	-	-
Dichlorobenzene[1,4-]	SW-846:8260B	ug/L	96	0	0	0.26	0.9774	1	96	100	-	-	0	0	0	0	-	-	4	-	-	-
Dichlorodifluoromethane	SW-846:8260	ug/L	6	0	0	1	1	1	6	100	-	-	0	0	0	0	394.5946	Reg6	2	-	-	-
Dichlorodifluoromethane	SW-846:8260B	ug/L	96	0	0	1	1	1	96	100	-	-	0	0	0	0	394.5946	Reg6	4	-	-	-
Dichloroethane[1,1-]	SW-846:8260	ug/L	6	0	0	1	1	1	6	100	-	-	0	0	0	0	25	NMGSU	2	-	-	-
Dichloroethane[1,1-]	SW-846:8260B	ug/L	96	0	0	1	1	1	96	100	-	-	0	0	0	0	25	NMGSU	4	-	-	-
Dichloroethane[1,2-]	SW-846:8260	ug/L	6	0	0	1	1	1	6	100	-	-	0	0	0	0	5	MCL	2	-	-	-
Dichloroethane[1,2-]	SW-846:8260B	ug/L	96	1	1	0.49	0.49	0.49	95	99	-	-	0	0	0	0	5	MCL	4	-	-	-
Dichloroethene[1,1-]	SW-846:8260	ug/L	6	0	0	1	1	1	6	100	-	-	0	0	0	0	5	NMGSU	2	-	-	-
Dichloroethene[1,1-]	SW-846:8260B	ug/L	96	0	0	1	1	1	96	100	-	-	0	0	0	0	5	NMGSU	4	-	-	-
Dichloroethene[cis-1,2-]	SW-846:8260	ug/L	6	0	0	1	1	1	6	100	-	-	0	0	0	0	70	MCL	2	-	-	-
Dichloroethene[cis-1,2-]	SW-846:8260B	ug/L	87	0	0	1	1	1	87	100	-	-	0	0	0	0	70	MCL	4	-	-	-
Dichloroethene[trans-1,2-]	SW-846:8260	ug/L	6	0	0	1	1	1	6	100	-	-	0	0	0	0	100	MCL	2	-	-	-

Table B-5
Screening Table for Water Canyon Watershed (including Cañon de Valle, Potrillo Canyon, and Fence Canyon)

Analyte	Method	Units	No. of Analyses	No. of Detects	D Rate %	Min	Mean	Max	No. of Non-detects	ND Rate %	BV	D> BV	ND> Std	D> Std	D> Std/2	D>Std/2 Rate %	Level	Std Type	Locations with Data (number)	D>Std (number of locations)	D>Std/2 (number of locations)	D>Std Stations
Dichloroethene[trans-1,2-]	SW-846:8260B	ug/L	96	0	0	1	1	1	96	100	-	-	0	0	0	0	100	MCL	4	-	-	-
Dichloropropane[1,2-]	SW-846:8260	ug/L	6	0	0	1	1	1	6	100	-	-	0	0	0	0	5	MCL	2	-	-	-
Dichloropropane[1,2-]	SW-846:8260B	ug/L	96	0	0	1	1	1	96	100	-	-	0	0	0	0	5	MCL	4	-	-	-
Dichloropropane[1,3-]	SW-846:8260	ug/L	6	0	0	1	1	1	6	100	-	-	0	0	0	0	-	-	2	-	-	-
Dichloropropane[1,3-]	SW-846:8260B	ug/L	96	0	0	1	1	1	96	100	-	-	0	0	0	0	-	-	4	-	-	-
Dichloropropane[2,2-]	SW-846:8260	ug/L	6	0	0	1	1	1	6	100	-	-	0	0	0	0	-	-	2	-	-	-
Dichloropropane[2,2-]	SW-846:8260B	ug/L	96	0	0	1	1	1	96	100	-	-	0	0	0	0	-	-	4	-	-	-
Dichloropropene[1,1-]	SW-846:8260	ug/L	6	0	0	1	1	1	6	100	-	-	0	0	0	0	-	-	2	-	-	-
Dichloropropene[1,1-]	SW-846:8260B	ug/L	96	0	0	1	1	1	96	100	-	-	0	0	0	0	-	-	4	-	-	-
Dichloropropene[cis/trans-1,3-]	SW-846:8260B	ug/L	2	0	0	1	1	1	2	100	-	-	0	0	0	0	6.709735	Reg6	1	-	-	-
Dichloropropene[cis-1,3-]	SW-846:8260	ug/L	6	0	0	1	1	1	6	100	-	-	0	0	0	0	-	-	2	-	-	-
Dichloropropene[cis-1,3-]	SW-846:8260B	ug/L	96	0	0	1	1	1	96	100	-	-	0	0	0	0	-	-	4	-	-	-
Dichloropropene[trans-1,3-]	SW-846:8260	ug/L	6	0	0	1	1	1	6	100	-	-	0	0	0	0	-	-	2	-	-	-
Dichloropropene[trans-1,3-]	SW-846:8260B	ug/L	96	0	0	1	1	1	96	100	-	-	0	0	0	0	-	-	4	-	-	-
Diethyl Ether	SW-846:8260B	ug/L	22	0	0	1	1	1	22	100	-	-	0	0	0	0	-	-	4	-	-	-
Ethyl Methacrylate	SW-846:8260B	ug/L	52	0	0	5	5	5	52	100	-	-	0	0	0	0	547.5	Reg6	4	-	-	-
Ethylbenzene	SW-846:8260	ug/L	6	0	0	1	1	1	6	100	-	-	0	0	0	0	700	MCL	2	-	-	-
Ethylbenzene	SW-846:8260B	ug/L	96	1	1	0.28	0.28	0.28	95	99	-	-	0	0	0	0	700	MCL	4	-	-	-
Hexachlorobutadiene	SW-846:8260B	ug/L	61	0	0	1	1	1	61	100	-	-	0	0	0	0	-	-	4	-	-	-
Hexanone[2-]	SW-846:8260	ug/L	6	0	0	5	5	5	6	100	-	-	0	0	0	0	-	-	2	-	-	-
Hexanone[2-]	SW-846:8260B	ug/L	96	0	0	5	5	5	96	100	-	-	0	0	0	0	-	-	4	-	-	-
Iodomethane	SW-846:8260	ug/L	6	0	0	5	5	5	6	100	-	-	0	0	0	0	-	-	2	-	-	-
Iodomethane	SW-846:8260B	ug/L	96	0	0	5	5	5	96	100	-	-	0	0	0	0	-	-	4	-	-	-
Isobutyl alcohol	SW-846:8260B	ug/L	49	0	0	50	50	50	49	100	-	-	0	0	0	0	1825	Reg6	4	-	-	-
Isopropylbenzene	SW-846:8260	ug/L	6	0	0	1	1	1	6	100	-	-	0	0	0	0	658.1967	Reg6	2	-	-	-
Isopropylbenzene	SW-846:8260B	ug/L	96	7	7	0.403	0.5156	0.69	89	93	-	-	0	0	0	0	658.1967	Reg6	4	-	-	-
Isopropyltoluene[4-]	SW-846:8260	ug/L	6	0	0	1	1	1	6	100	-	-	0	0	0	0	-	-	2	-	-	-
Isopropyltoluene[4-]	SW-846:8260B	ug/L	96	0	0	1	1	1	96	100	-	-	0	0	0	0	-	-	4	-	-	-
Methacrylonitrile	SW-846:8260B	ug/L	52	0	0	5	5	5	52	100	-	-	52	0	0	0	1.042857	Reg6	4	-	-	-
Methyl Methacrylate	SW-846:8260B	ug/L	52	0	0	5	5	5	52	100	-	-	0	0	0	0	1419.444	Reg6	4	-	-	-
Methyl tert-Butyl Ether	SW-846:8260B	ug/L	22	0	0	1	1	1	22	100	-	-	0	0	0	0	370.8305	Reg6	4	-	-	-
Methyl-2-pentanone[4-]	SW-846:8260	ug/L	6	0	0	5	5	5	6	100	-	-	0	0	0	0	1990.909	Reg6	2	-	-	-
Methyl-2-pentanone[4-]	SW-846:8260B	ug/L	96	0	0	5	5	5	96	100	-	-	0	0	0	0	1990.909	Reg6	4	-	-	-
Methylene Chloride	SW-846:8260	ug/L	6	0	0	2.5	4.2833	5	6	100	-	-	0	0	0	0	5	MCL	2	-	-	-
Methylene Chloride	SW-846:8260B	ug/L	96	1	1	2.97	2.97	2.97	95	99	-	-	1	0	1	1	5	MCL	4	-	1	-
Naphthalene	SW-846:8260B	ug/L	61	1	2	0.257	0.257	0.257	60	98	-	-	0	0	0	0	-	-	4	-	-	-
Propionitrile	SW-846:8260B	ug/L	52	0	0	5	5	5	52	100	-	-	0	0	0	0	-	-	4	-	-	-
Propylbenzene[1-]	SW-846:8260	ug/L	6	0	0	1	1	1	6	100	-	-	0	0	0	0	60.83333	Reg6	2	-	-	-
Propylbenzene[1-]	SW-846:8260B	ug/L	96	0	0	1	1	1	96	100	-	-	0	0	0	0	60.83333	Reg6	4	-	-	-
Styrene	SW-846:8260	ug/L	6	0	0	1	1	1	6	100	-	-	0	0	0	0	100	MCL	2	-	-	-
Styrene	SW-846:8260B	ug/L	96	4	4	0.51	0.655	0.74	92	96	-	-	0	0	0	0	100	MCL	4	-	-	-
Tetrachloroethane[1,1,1,2-]	SW-846:8260	ug/L	6	0	0	1	1	1	6	100	-	-	0	0	0	0	25.49549	Reg6	2	-	-	-
Tetrachloroethane[1,1,1,2-]	SW-846:8260B	ug/L	96	0	0	1	1	1	96	100	-	-	0	0	0	0	25.49549	Reg6	4	-	-	-
Tetrachloroethane[1,1,2,2-]	SW-846:8260	ug/L	6	0	0	1	1	1	6	100	-	-	0	0	0	0	10	NMGSU	2	-	-	-
Tetrachloroethane[1,1,2,2-]	SW-846:8260B	ug/L	96	0	0	1	1	1	96	100	-	-	0	0	0	0	10	NMGSU	4	-	-	-
Tetrachloroethene	SW-846:8260	ug/L	6	0	0	1	1	1	6	100	-	-	0	0	0	0	5	MCL	2	-	-	-
Tetrachloroethene	SW-846:8260B	ug/L	96	0	0	1	1	1	96	100	-	-	0	0	0	0	5	MCL	4	-	-	-
Toluene	SW-846:8260	ug/L	6	1	17	0.18	0.18	0.18	5	83	-	-	0	0	0	0	750	NMGSU	2	-	-	-
Toluene	SW-846:8260B	ug/L	96	7	7	0.4	1.3729	3.3	89	93	-	-	0	0	0	0	750	NMGSU	4	-	-	-
Trichloro-1,2,2-trifluoroethane[1,1,2-]	SW-846:8260	ug/L	6	0	0	5	5	5	6	100	-	-	0	0	0	0	59179.86	Reg6	2	-	-	-
Trichloro-1,2,2-trifluoroethane[1,1,2-]	SW-846:8260B	ug/L	96	2	2	1.4	1.45	1.5	94	98	-	-	0	0	0	0	59179.86	Reg6	4	-	-	-
Trichlorobenzene[1,2,3-]	SW-846:8260B	ug/L	49	0	0	1	1	1	49	100	-	-	0	0	0	0	-	-	4	-	-	-
Trichlorobenzene[1,2,4-]	SW-846:8260B	ug/L	52	0	0	1	1	1	52	100	-	-	0	0	0	0	-	-	4	-	-	-
Trichloroethane[1,1,1-]	SW-846:8260	ug/L	6	0	0	1	1	1	6	100	-	-	0	0	0	0	60	NMGSU	2	-	-	-
Trichloroethane[1,1,1-]	SW-846:8260B	ug/L	96	0	0	1	1	1	96	100	-	-	0	0	0	0	60	NMGSU	4	-	-	-
Trichloroethane[1,1,2-]	SW-846:8260	ug/L	6	0	0	1	1	1	6	100	-	-	0	0	0	0	5	MCL	2	-	-	-
Trichloroethane[1,1,2-]	SW-846:8260B	ug/L	96	0	0	1	1	1	96	100	-	-	0	0	0	0	5	MCL	4	-	-	-

Table B-5
Screening Table for Water Canyon Watershed (including Cañon de Valle, Potrillo Canyon, and Fence Canyon)

Analyte	Method	Units	No. of Analyses	No. of Detects	D Rate %	Min	Mean	Max	No. of Non-detects	ND Rate %	BV	D> BV	ND> Std	D> Std	D> Std/2	D>Std/2 Rate %	Level	Std Type	Locations with Data (number)	D>Std (number of locations)	D>Std/2 (number of locations)	D>Std Stations
Trichloroethene	SW-846:8260	ug/L	6	0	0	1	1	1	6	100	-	-	0	0	0	0	5	MCL	2	-	-	-
Trichloroethene	SW-846:8260B	ug/L	96	0	0	1	1	1	96	100	-	-	0	0	0	0	5	MCL	4	-	-	-
Trichlorofluoromethane	SW-846:8260	ug/L	6	0	0	1	1	1	6	100	-	-	0	0	0	0	5	MCL	2	-	-	-
Trichlorofluoromethane	SW-846:8260B	ug/L	96	0	0	1	1	1	96	100	-	-	0	0	0	0	5	MCL	4	-	-	-
Trichloropropane[1,2,3-]	SW-846:8260	ug/L	6	0	0	1	1	1	6	100	-	-	6	0	0	0	0.09469241	Reg6	2	-	-	-
Trichloropropane[1,2,3-]	SW-846:8260B	ug/L	96	0	0	1	1	1	96	100	-	-	96	0	0	0	0.09469241	Reg6	4	-	-	-
Trichlorotrifluoroethane	SW-846:8260B	ug/L	1	0	0	5	5	5	1	100	-	-	0	0	0	0	-	-	1	-	-	-
Trimethylbenzene[1,2,4-]	SW-846:8260	ug/L	6	0	0	1	1	1	6	100	-	-	0	0	0	0	12.42906	Reg6	2	-	-	-
Trimethylbenzene[1,2,4-]	SW-846:8260B	ug/L	95	0	0	1	1	1	95	100	-	-	0	0	0	0	12.42906	Reg6	4	-	-	-
Trimethylbenzene[1,3,5-]	SW-846:8260	ug/L	6	0	0	1	1	1	6	100	-	-	0	0	0	0	12.32618	Reg6	2	-	-	-
Trimethylbenzene[1,3,5-]	SW-846:8260B	ug/L	96	0	0	1	1	1	96	100	-	-	0	0	0	0	12.32618	Reg6	4	-	-	-
Vinyl acetate	SW-846:8260B	ug/L	52	0	0	5	5	5	52	100	-	-	0	0	0	0	412.4294	Reg6	4	-	-	-
Vinyl Chloride	SW-846:8260	ug/L	6	0	0	1	1	1	6	100	-	-	0	0	0	0	1	NMGSU	2	-	-	-
Vinyl Chloride	SW-846:8260B	ug/L	96	0	0	1	1	1	96	100	-	-	0	0	0	0	1	NMGSU	4	-	-	-
Xylene (Total)	SW-846:8260B	ug/L	33	0	0	1	1.2424	3	33	100	-	-	0	0	0	0	10000	MCL	3	-	-	-
Xylene[1,2-]	SW-846:8260	ug/L	6	0	0	1	1	1	6	100	-	-	0	0	0	0	1431.373	Reg6	2	-	-	-
Xylene[1,2-]	SW-846:8260B	ug/L	74	0	0	1	1	1	74	100	-	-	0	0	0	0	1431.373	Reg6	4	-	-	-
Xylene[1,3-]+Xylene[1,4-]	SW-846:8260	ug/L	6	0	0	2	2	2	6	100	-	-	0	0	0	0	-	-	2	-	-	-
Xylene[1,3-]+Xylene[1,4-]	SW-846:8260B	ug/L	72	1	1	0.559	0.559	0.559	71	99	-	-	0	0	0	0	-	-	4	-	-	-
Water, RAD, F, Perennial																						
Americium-241	HASL-300:AM-241	pCi/L	9	0	0	-0.007	0.004	0.0321	9	100	-	-	0	0	0	0	20	NMRPS	4	-	-	-
Cesium-137	EPA:901.1	pCi/L	9	0	0	-1.79	-0.042	1.08	9	100	-	-	0	0	0	0	40	BCG	4	-	-	-
Cobalt-60	EPA:901.1	pCi/L	9	0	0	-1.06	0.3601	2.15	9	100	-	-	0	0	0	0	3000	NMRPS	4	-	-	-
Gross alpha	EPA:900	pCi/L	9	0	0	-0.331	0.2871	0.806	9	100	-	-	0	0	0	0	-	-	4	-	-	-
Gross beta	EPA:900	pCi/L	9	9	100	3.44	4.97	7.29	0	0	-	-	0	0	0	0	-	-	4	-	-	-
Gross gamma	EPA:901.1	pCi/L	9	0	0	60.1	130.71	496	9	100	-	-	0	0	0	0	-	-	4	-	-	-
Neptunium-237	EPA:901.1	pCi/L	9	0	0	-13.4	-0.798	16.5	9	100	-	-	0	0	0	0	20	NMRPS	4	-	-	-
Plutonium-238	HASL-300:ISOPU	pCi/L	9	0	0	-0.024	0.0006	0.0119	9	100	-	-	0	0	0	0	20	NMRPS	4	-	-	-
Plutonium-239/240	HASL-300:ISOPU	pCi/L	9	0	0	-0.003	0.0047	0.0134	9	100	-	-	0	0	0	0	20	NMRPS	4	-	-	-
Potassium-40	EPA:901.1	pCi/L	9	0	0	-39.1	7.3567	38.5	9	100	-	-	0	0	0	0	4000	NMRPS	4	-	-	-
Sodium-22	EPA:901.1	pCi/L	9	0	0	-1.45	-0.202	1.63	9	100	-	-	0	0	0	0	6000	NMRPS	4	-	-	-
Strontium-90	EPA:905.0	pCi/L	9	4	44	0.269	1.1705	3.55	5	56	-	-	0	0	0	0	300	BCG	4	-	-	-
Uranium-234	HASL-300:ISOU	pCi/L	9	4	44	0.0498	0.1	0.172	5	56	-	-	0	0	0	0	200	BCG	4	-	-	-
Uranium-235/Uranium-236	HASL-300:ISOU	pCi/L	9	0	0	-0.003	0.0076	0.0226	9	100	-	-	0	0	0	0	-	-	4	-	-	-
Uranium-238	HASL-300:ISOU	pCi/L	9	3	33	0.0418	0.0713	0.11	6	67	-	-	0	0	0	0	200	BCG	4	-	-	-
Water, RAD, UF, Perennial																						
Americium-241	HASL-300:AM-241	pCi/L	11	0	0	-0.019	0.0026	0.0116	11	100	-	-	0	0	0	0	20	NMRPS	4	-	-	-
Cesium-137	EPA:901.1	pCi/L	11	0	0	-1.35	0.453	2.26	11	100	-	-	0	0	0	0	40	BCG	4	-	-	-
Cobalt-60	EPA:901.1	pCi/L	11	0	0	-0.807	0.9196	3.03	11	100	-	-	0	0	0	0	3000	NMRPS	4	-	-	-
Gross alpha	EPA:900	pCi/L	11	2	18	1.07	1.805	2.54	9	82	-	-	0	0	0	0	-	-	4	-	-	-
Gross beta	EPA:900	pCi/L	11	11	100	1.84	4.1945	7.7	0	0	-	-	0	0	0	0	-	-	4	-	-	-
Gross gamma	EPA:901.1	pCi/L	9	0	0	67.2	127.42	421	9	100	-	-	0	0	0	0	-	-	4	-	-	-
Neptunium-237	EPA:901.1	pCi/L	11	0	0	-12.2	0.4503	19.5	11	100	-	-	0	0	0	0	20	NMRPS	4	-	-	-
Plutonium-238	HASL-300:ISOPU	pCi/L	11	0	0	-0.004	0.0039	0.0129	11	100	-	-	0	0	0	0	20	NMRPS	4	-	-	-
Plutonium-239/240	HASL-300:ISOPU	pCi/L	11	0	0	-0.005	0.0064	0.018	11	100	-	-	0	0	0	0	20	NMRPS	4	-	-	-
Potassium-40	EPA:901.1	pCi/L	11	0	0	-12.5	4.1519	24.2	11	100	-	-	0	0	0	0	4000	NMRPS	4	-	-	-
Radium-226	EPA:903.1	pCi/L	1	0	0	0.253	0.253	0.253	1	100	-	-	0	0	0	0	60	NMRPS	1	-	-	-
Sodium-22	EPA:901.1	pCi/L	11	0	0	-1.99	-0.555	0.863	11	100	-	-	0	0	0	0	6000	NMRPS	4	-	-	-
Strontium-90	EPA:905.0	pCi/L	11	1	9	0.343	0.343	0.343	10	91	-	-	0	0	0	0	300	BCG	4	-	-	-
Thorium-228	HASL-300:ISOTH	pCi/L	1	0	0	0.0401	0.0401	0.0401	1	100	-	-	0	0	0	0	-	-	1	-	-	-
Thorium-230	HASL-300:ISOTH	pCi/L	1	0	0	0.0172	0.0172	0.0172	1	100	-	-	0	0	0	0	-	-	1	-	-	-
Thorium-232	HASL-300:ISOTH	pCi/L	1	0	0	0.0351	0.0351	0.0351	1	100	-	-	0	0	0	0	300	BCG	1	-	-	-
Tritium	EPA:906.0	pCi/L	5	0	0	-85.2	22.4	91.4	5	100	-	-	0	0	0	0	1000000	NMRPS	2	-	-	-
Tritium	Generic:LLEE	pCi/L	12	12	100	14.017	44.944	71.843	0	0	-	-	0	0	0	0	1000000	NMRPS	4	-	-	-
Uranium-234	HASL-300:ISOU	pCi/L	11	3	27	0.0674	0.0958	0.116	8	73	-	-	0	0	0	0	200	BCG	4	-	-	-
Uranium-235/Uranium-236	HASL-300:ISOU	pCi/L	11	0	0	-0.023	0.0058	0.0255	11	100	-	-	0	0	0	0	-	-	4	-	-	-
Uranium-238	HASL-300:ISOU	pCi/L	11	3	27	0.068	0.0944	0.147	8	73	-	-	0	0	0	0	200	BCG	4	-	-	-

Table B-5
Screening Table for Water Canyon Watershed (including Cañon de Valle, Potrillo Canyon, and Fence Canyon)

Analyte	Method	Units	No. of Analyses	No. of Detects	D Rate %	Min	Mean	Max	No. of Non-detects	ND Rate %	BV	D> BV	ND> Std	D> Std	D> Std/2	D>Std/2 Rate %	Level	Std Type	Locations with Data (number)	D>Std (number of locations)	D>Std/2 (number of locations)	D>Std Stations
Water, RAD, F, Springs																						
Americium-241	HASL-300:AM-241	pCi/L	10	1	10	0.018	0.018	0.018	9	90	-	-	0	0	0	0	20	NMRPS	6	-	-	-
Cesium-137	EPA:901.1	pCi/L	10	0	0	-1.23	-0.026	1.2	10	100	-	-	0	0	0	0	1000	NMRPS	6	-	-	-
Cobalt-60	EPA:901.1	pCi/L	10	0	0	-2.55	-0.51	0.732	10	100	-	-	0	0	0	0	3000	NMRPS	6	-	-	-
Gross alpha	EPA:900	pCi/L	10	2	20	1.8	1.92	2.04	8	80	-	-	0	0	0	0	15	MCL	6	-	-	-
Gross beta	EPA:900	pCi/L	10	9	90	1.98	4.2622	9.25	1	10	-	-	0	0	0	0	50	SMCL	6	-	-	-
Gross gamma	EPA:901.1	pCi/L	10	0	0	50.6	68.29	86.3	10	100	-	-	0	0	0	0	-	-	6	-	-	-
Neptunium-237	EPA:901.1	pCi/L	10	0	0	-15.7	-3.977	5.36	10	100	-	-	0	0	0	0	20	NMRPS	6	-	-	-
Plutonium-238	HASL-300:ISOPU	pCi/L	10	0	0	-0.011	-0.002	0.0249	10	100	-	-	0	0	0	0	20	NMRPS	6	-	-	-
Plutonium-239/240	HASL-300:ISOPU	pCi/L	10	1	10	0.0227	0.0227	0.0227	9	90	-	-	0	0	0	0	20	NMRPS	6	-	-	-
Potassium-40	EPA:901.1	pCi/L	9	0	0	-48	-9.574	9.17	9	100	-	-	0	0	0	0	4000	NMRPS	5	-	-	-
Sodium-22	EPA:901.1	pCi/L	10	0	0	-1.37	-0.18	1.04	10	100	-	-	0	0	0	0	6000	NMRPS	6	-	-	-
Strontium-90	EPA:905.0	pCi/L	10	0	0	-0.189	0.0578	0.202	10	100	-	-	0	0	0	0	8	MCL	6	-	-	-
Uranium-234	HASL-300:ISOU	pCi/L	10	9	90	0.082	0.2261	0.533	1	10	-	-	0	0	0	0	300	NMRPS	6	-	-	-
Uranium-235/Uranium-236	HASL-300:ISOU	pCi/L	10	0	0	-0.002	0.0095	0.0263	10	100	-	-	0	0	0	0	-	-	6	-	-	-
Uranium-238	HASL-300:ISOU	pCi/L	10	9	90	0.0561	0.1434	0.348	1	10	-	-	0	0	0	0	300	NMRPS	6	-	-	-
Water, RAD, UF, Springs																						
Americium-241	Generic:Alpha-Spec	pCi/L	1	0	0	0.0203	0.0203	0.0203	1	100	-	-	0	0	0	0	20	NMRPS	1	-	-	-
Americium-241	HASL-300:AM-241	pCi/L	10	0	0	-0.006	0.004	0.0153	10	100	-	-	0	0	0	0	20	NMRPS	6	-	-	-
Cesium-137	EPA:901.1	pCi/L	11	0	0	-1.42	-0.052	1.51	11	100	-	-	0	0	0	0	1000	NMRPS	6	-	-	-
Cobalt-60	EPA:901.1	pCi/L	11	0	0	-2.18	-0.388	1.36	11	100	-	-	0	0	0	0	3000	NMRPS	6	-	-	-
Gross alpha	EPA:900	pCi/L	11	5	45	1.14	4.466	14.3	6	55	-	-	0	0	1	9	15	MCL	6	-	1	-
Gross beta	EPA:900	pCi/L	11	9	82	2.49	5.8067	18.2	2	18	-	-	0	0	0	0	50	SMCL	6	-	-	-
Gross gamma	EPA:901.1	pCi/L	11	0	0	49.3	84.591	124	11	100	-	-	0	0	0	0	-	-	6	-	-	-
Neptunium-237	EPA:901.1	pCi/L	11	0	0	-26.9	1.6145	26.9	11	100	-	-	1	0	0	0	20	NMRPS	6	-	-	-
Plutonium-238	Generic:Alpha-Spec	pCi/L	1	0	0	-1E-09	-1E-09	-1E-09	1	100	-	-	0	0	0	0	20	NMRPS	1	-	-	-
Plutonium-238	HASL-300:ISOPU	pCi/L	10	1	10	0.0273	0.0273	0.0273	9	90	-	-	0	0	0	0	20	NMRPS	6	-	-	-
Plutonium-239/240	Generic:Alpha-Spec	pCi/L	1	0	0	-1E-09	-1E-09	-1E-09	1	100	-	-	0	0	0	0	20	NMRPS	1	-	-	-
Plutonium-239/240	HASL-300:ISOPU	pCi/L	10	0	0	-0.011	0.0065	0.0327	10	100	-	-	0	0	0	0	20	NMRPS	6	-	-	-
Potassium-40	EPA:901.1	pCi/L	11	0	0	-8.17	15.639	43.2	11	100	-	-	0	0	0	0	4000	NMRPS	6	-	-	-
Radium-226	EPA:903.1	pCi/L	1	0	0	0.276	0.276	0.276	1	100	-	-	0	0	0	0	5	MCL	1	-	-	-
Sodium-22	EPA:901.1	pCi/L	11	0	0	-3.13	-0.235	1.98	11	100	-	-	0	0	0	0	6000	NMRPS	6	-	-	-
Strontium-90	EPA:905.0	pCi/L	10	0	0	-0.128	0.0801	0.342	10	100	-	-	0	0	0	0	8	MCL	6	-	-	-
Strontium-90	Generic:Gas Flow Proportional Cour	pCi/L	1	0	0	0.109	0.109	0.109	1	100	-	-	0	0	0	0	8	MCL	1	-	-	-
Thorium-228	Generic:Alpha-Spec	pCi/L	1	0	0	0.0126	0.0126	0.0126	1	100	-	-	0	0	0	0	-	-	1	-	-	-
Thorium-230	Generic:Alpha-Spec	pCi/L	1	0	0	0.0509	0.0509	0.0509	1	100	-	-	0	0	0	0	-	-	1	-	-	-
Thorium-232	Generic:Alpha-Spec	pCi/L	1	0	0	-0.002	-0.002	-0.002	1	100	-	-	0	0	0	0	-	-	1	-	-	-
Tritium	EPA:906.0	pCi/L	1	0	0	55.5	55.5	55.5	1	100	-	-	0	0	0	0	20000	MCL	1	-	-	-
Tritium	Generic:LLEE	pCi/L	65	65	100	7.2162	83.561	315.52	0	0	-	-	0	0	0	0	20000	MCL	8	-	-	-
Tritium	Generic:Low_Level_Tritium	pCi/L	3	2	67	76.48	77.44	78.4	1	33	-	-	0	0	0	0	20000	MCL	2	-	-	-
Uranium-234	Generic:Alpha-Spec	pCi/L	1	0	0	0.0498	0.0498	0.0498	1	100	-	-	0	0	0	0	300	NMRPS	1	-	-	-
Uranium-234	HASL-300:ISOU	pCi/L	10	9	90	0.103	0.296	0.556	1	10	-	-	0	0	0	0	300	NMRPS	6	-	-	-
Uranium-235/Uranium-236	Generic:Alpha-Spec	pCi/L	1	0	0	0.01	0.01	0.01	1	100	-	-	0	0	0	0	-	-	1	-	-	-
Uranium-235/Uranium-236	HASL-300:ISOU	pCi/L	10	0	0	-0.002	0.0125	0.0264	10	100	-	-	0	0	0	0	-	-	6	-	-	-
Uranium-238	Generic:Alpha-Spec	pCi/L	1	0	0	0.0224	0.0224	0.0224	1	100	-	-	0	0	0	0	300	NMRPS	1	-	-	-
Uranium-238	HASL-300:ISOU	pCi/L	10	8	80	0.0672	0.2358	0.528	2	20	-	-	0	0	0	0	300	NMRPS	6	-	-	-
Water, RAD, F, Alluvial																						
Americium-241	HASL-300:AM-241	pCi/L	12	0	0	-0.015	-0.002	0.014	12	100	-	-	0	0	0	0	20	NMRPS	8	-	-	-
Cesium-137	EPA:901.1	pCi/L	12	0	0	-1.78	-0.118	1.86	12	100	-	-	0	0	0	0	1000	NMRPS	8	-	-	-
Cobalt-60	EPA:901.1	pCi/L	12	0	0	-2.67	-0.223	4.07	12	100	-	-	0	0	0	0	3000	NMRPS	8	-	-	-
Gross alpha	EPA:900	pCi/L	12	0	0	0.185	1.0213	2.41	12	100	-	-	0	0	0	0	15	MCL	8	-	-	-
Gross beta	EPA:900	pCi/L	12	9	75	2.96	3.78	5.03	3	25	-	-	0	0	0	0	50	SMCL	8	-	-	-
Gross gamma	EPA:901.1	pCi/L	12	0	0	42	69.258	93	12	100	-	-	0	0	0	0	-	-	8	-	-	-
Neptunium-237	EPA:901.1	pCi/L	12	0	0	-17.4	0.6525	15.3	12	100	-	-	0	0	0	0	20	NMRPS	8	-	-	-
Plutonium-238	HASL-300:ISOPU	pCi/L	12	0	0	-0.009	0.0013	0.0097	12	100	-	-	0	0	0	0	20	NMRPS	8	-	-	-
Plutonium-239/240	HASL-300:ISOPU	pCi/L	12	1	8	0.0227	0.0227	0.0227	11	92	-	-	0	0	0	0	20	NMRPS	8	-	-	-
Potassium-40	EPA:901.1	pCi/L	11	0	0	4.08	16.911	31.4	11	100	-	-	0	0	0	0	4000	NMRPS	7	-	-	-

Table B-5
Screening Table for Water Canyon Watershed (including Cañon de Valle, Potrillo Canyon, and Fence Canyon)

Analyte	Method	Units	No. of Analyses	No. of Detects	D Rate %	Min	Mean	Max	No. of Non-detects	ND Rate %	BV	D> BV	ND> Std	D> Std	D> Std/2	D>Std/2 Rate %	Level	Std Type	Locations with Data (number)	D>Std (number of locations)	D>Std/2 (number of locations)	D>Std Stations
Radium-226	EPA:903.1	pCi/L	1	1	100	1.03	1.03	1.03	0	0	-	-	0	0	0	0	5	MCL	1	-	-	-
Sodium-22	EPA:901.1	pCi/L	12	0	0	*-1.91*	*0.2197*	*3.01*	12	100	-	-	0	0	0	0	6000	NMRPS	8	-	-	-
Strontium-90	EPA:905.0	pCi/L	12	1	8	0.376	0.376	0.376	11	92	-	-	0	0	0	0	8	MCL	8	-	-	-
Uranium-234	HASL-300:ISOU	pCi/L	12	5	42	0.0552	0.1136	0.166	7	58	-	-	0	0	0	0	300	NMRPS	8	-	-	-
Uranium-235/Uranium-236	HASL-300:ISOU	pCi/L	11	0	0	*-0.005*	*0.0168*	*0.0314*	11	100	-	-	0	0	0	0	-	-	7	-	-	-
Uranium-238	HASL-300:ISOU	pCi/L	12	4	33	0.0494	0.0969	0.119	8	67	-	-	0	0	0	0	300	NMRPS	8	-	-	-
Water, RAD, UF, Alluvial																						
Americium-241	HASL-300:AM-241	pCi/L	11	0	0	*-0.021*	*-0.002*	*0.0167*	11	100	-	-	0	0	0	0	20	NMRPS	8	-	-	-
Cesium-137	EPA:901.1	pCi/L	11	0	0	*-2.61*	*0.0191*	*2*	11	100	-	-	0	0	0	0	1000	NMRPS	8	-	-	-
Cobalt-60	EPA:901.1	pCi/L	11	0	0	*-1.04*	*0.5695*	*2.27*	11	100	-	-	0	0	0	0	3000	NMRPS	8	-	-	-
Gross alpha	EPA:900	pCi/L	15	9	60	1.84	3.8256	9.29	6	40	-	-	0	0	1	7	15	MCL	8	-	1	-
Gross beta	EPA:900	pCi/L	11	11	100	3.77	5.8836	10.1	0	0	-	-	0	0	0	0	50	SMCL	8	-	-	-
Gross gamma	EPA:901.1	pCi/L	11	0	0	*60*	*87.782*	*150*	11	100	-	-	0	0	0	0	-	-	8	-	-	-
Neptunium-237	EPA:901.1	pCi/L	11	0	0	*-13.7*	*-4.155*	*9.29*	11	100	-	-	0	0	0	0	20	NMRPS	8	-	-	-
Plutonium-238	HASL-300:ISOPU	pCi/L	11	0	0	*-0.011*	*0.0025*	*0.0263*	11	100	-	-	0	0	0	0	20	NMRPS	8	-	-	-
Plutonium-239/240	HASL-300:ISOPU	pCi/L	11	1	9	0.021	0.021	0.021	10	91	-	-	0	0	0	0	20	NMRPS	8	-	-	-
Potassium-40	EPA:901.1	pCi/L	9	0	0	*-14.6*	*17.497*	*33.3*	9	100	-	-	0	0	0	0	4000	NMRPS	7	-	-	-
Radium-226	EPA:903.1	pCi/L	5	5	100	0.716	1.801	3.59	0	0	-	-	0	0	2	40	5	MCL	5	-	2	-
Radium-228	EPA:904	pCi/L	6	6	100	0.875	1.2182	2.23	0	0	-	-	0	0	0	0	5	MCL	6	-	-	-
Sodium-22	EPA:901.1	pCi/L	11	0	0	*-2.36*	*0.087*	*2.95*	11	100	-	-	0	0	0	0	6000	NMRPS	8	-	-	-
Strontium-90	EPA:905.0	pCi/L	11	0	0	*-0.219*	*0.1455*	*0.492*	11	100	-	-	0	0	0	0	8	MCL	8	-	-	-
Tritium	EPA:906.0	pCi/L	1	0	0	*76*	*76*	*76*	1	100	-	-	0	0	0	0	20000	MCL	1	-	-	-
Tritium	Generic:LLEE	pCi/L	107	107	100	47.576	104.19	402.32	0	0	-	-	0	0	0	0	20000	MCL	11	-	-	-
Tritium	Generic:Low_Level_Tritium	pCi/L	4	4	100	86.4	99.84	133.76	0	0	-	-	0	0	0	0	20000	MCL	3	-	-	-
Uranium-234	HASL-300:ISOU	pCi/L	11	7	64	0.0364	0.1365	0.225	4	36	-	-	0	0	0	0	300	NMRPS	8	-	-	-
Uranium-235/Uranium-236	HASL-300:ISOU	pCi/L	11	0	0	*-0.008*	*0.0106*	*0.0265*	11	100	-	-	0	0	0	0	-	-	8	-	-	-
Uranium-238	HASL-300:ISOU	pCi/L	11	8	73	0.0347	0.1061	0.229	3	27	-	-	0	0	0	0	300	NMRPS	8	-	-	-
Water, RAD, F, Intermediate																						
Americium-241	HASL-300:AM-241	pCi/L	10	0	0	*-0.004*	*0.0062*	*0.022*	10	100	-	-	0	0	0	0	20	NMRPS	4	-	-	-
Cesium-137	EPA:901.1	pCi/L	10	0	0	*-3.75*	*-0.352*	*2*	10	100	-	-	0	0	0	0	1000	NMRPS	4	-	-	-
Cobalt-60	EPA:901.1	pCi/L	10	0	0	*-2.58*	*0.1755*	*1.9*	10	100	-	-	0	0	0	0	3000	NMRPS	4	-	-	-
Gross alpha	EPA:900	pCi/L	10	0	0	*0.0166*	*0.9578*	*2.34*	10	100	-	-	0	0	0	0	15	MCL	4	-	-	-
Gross beta	EPA:900	pCi/L	10	3	30	1.74	2.79	3.47	7	70	-	-	0	0	0	0	50	SMCL	4	-	-	-
Gross gamma	EPA:901.1	pCi/L	10	0	0	*71.2*	*4E+13*	*4E+14*	10	100	-	-	0	0	0	0	-	-	4	-	-	-
Neptunium-237	EPA:901.1	pCi/L	10	0	0	*-15*	*5.817*	*20.3*	10	100	-	-	1	0	0	0	20	NMRPS	4	-	-	-
Plutonium-238	HASL-300:ISOPU	pCi/L	10	0	0	*-0.017*	*-0.004*	*0.0068*	10	100	-	-	0	0	0	0	20	NMRPS	4	-	-	-
Plutonium-239/240	HASL-300:ISOPU	pCi/L	9	0	0	*-0.062*	*-0.007*	*0.0083*	9	100	-	-	0	0	0	0	20	NMRPS	4	-	-	-
Potassium-40	EPA:901.1	pCi/L	10	0	0	*-24.3*	*5.259*	*33.6*	10	100	-	-	0	0	0	0	4000	NMRPS	4	-	-	-
Sodium-22	EPA:901.1	pCi/L	10	0	0	*-1.72*	*-0.46*	*1.2*	10	100	-	-	0	0	0	0	6000	NMRPS	4	-	-	-
Strontium-90	EPA:905.0	pCi/L	10	0	0	*-0.148*	*0.0159*	*0.211*	10	100	-	-	0	0	0	0	8	MCL	4	-	-	-
Uranium-234	HASL-300:ISOU	pCi/L	13	12	92	0.142	0.2998	0.519	1	8	-	-	0	0	0	0	300	NMRPS	4	-	-	-
Uranium-235/Uranium-236	HASL-300:ISOU	pCi/L	13	1	8	0.0381	0.0381	0.0381	12	92	-	-	0	0	0	0	-	-	4	-	-	-
Uranium-238	HASL-300:ISOU	pCi/L	13	12	92	0.0537	0.1761	0.375	1	8	-	-	0	0	0	0	300	NMRPS	4	-	-	-
Water, RAD, UF, Intermediate																						
Americium-241	Generic:Alpha-Spec	pCi/L	2	0	0	*0.0082*	*0.0151*	*0.022*	2	100	-	-	0	0	0	0	20	NMRPS	1	-	-	-
Americium-241	HASL-300:AM-241	pCi/L	14	0	0	*-0.009*	*0.0021*	*0.0221*	14	100	-	-	0	0	0	0	20	NMRPS	4	-	-	-
Cesium-137	EPA:901.1	pCi/L	18	0	0	*-2.02*	*-0.132*	*2.89*	18	100	-	-	0	0	0	0	1000	NMRPS	4	-	-	-
Cobalt-60	EPA:901.1	pCi/L	18	0	0	*-1.68*	*0.1925*	*2.34*	18	100	-	-	0	0	0	0	3000	NMRPS	4	-	-	-
Gross alpha	EPA:900	pCi/L	13	3	23	1.38	2.1433	3.09	10	77	-	-	0	0	0	0	15	MCL	4	-	-	-
Gross alpha/beta	EPA:900	pCi/L	3	2	67	1.31	3.775	6.24	1	33	-	-	0	0	0	0	-	-	1	-	-	-
Gross beta	EPA:900	pCi/L	16	7	44	1.15	8.9186	42.6	9	56	-	-	0	0	1	6	50	SMCL	4	-	1	-
Gross gamma	EPA:901.1	pCi/L	16	0	0	*54*	*78.175*	*113*	16	100	-	-	0	0	0	0	-	-	4	-	-	-
Iodine-129	HASL-300:I-129	pCi/L	4	0	0	*-0.095*	*0.113*	*0.417*	4	100	-	-	0	0	0	0	-	-	1	-	-	-
Neptunium-237	EPA:901.1	pCi/L	13	0	0	*-15.4*	*-0.193*	*17.3*	13	100	-	-	0	0	0	0	20	NMRPS	4	-	-	-
Plutonium-238	Generic:Alpha-Spec	pCi/L	2	0	0	*0.0058*	*0.0119*	*0.018*	2	100	-	-	0	0	0	0	20	NMRPS	1	-	-	-
Plutonium-238	HASL-300:ISOPU	pCi/L	14	0	0	*-0.016*	*-0.004*	*0.0099*	14	100	-	-	0	0	0	0	20	NMRPS	4	-	-	-
Plutonium-239/240	Generic:Alpha-Spec	pCi/L	2	0	0	*-0.009*	*0.006*	*0.0206*	2	100	-	-	0	0	0	0	20	NMRPS	1	-	-	-

Table B-5
Screening Table for Water Canyon Watershed (including Cañon de Valle, Potrillo Canyon, and Fence Canyon)

Analyte	Method	Units	No. of Analyses	No. of Detects	D Rate %	Min	Mean	Max	No. of Non-detects	ND Rate %	BV	D> BV	ND> Std	D> Std	D> Std/2	D>Std/2 Rate %	Level	Std Type	Locations with Data (number)	D>Std (number of locations)	D>Std/2 (number of locations)	D>Std Stations
Plutonium-239/240	HASL-300:ISOPU	pCi/L	14	1	7	0.059	0.059	0.059	13	93	-	-	0	0	0	0	20	NMRPS	4	-	-	-
Potassium-40	EPA:901.1	pCi/L	15	1	7	53.9	53.9	53.9	14	93	-	-	0	0	0	0	4000	NMRPS	4	-	-	-
Radium-226	EPA:903.1	pCi/L	4	0	0	0.0217	0.1513	0.274	4	100	-	-	0	0	0	0	5	MCL	3	-	-	-
Radium-228	EPA:904	pCi/L	2	0	0	0.377	0.3805	0.384	2	100	-	-	0	0	0	0	5	MCL	2	-	-	-
Sodium-22	EPA:901.1	pCi/L	18	0	0	-2.45	-0.063	1.6	18	100	-	-	0	0	0	0	6000	NMRPS	4	-	-	-
Strontium-90	EPA:905.0	pCi/L	14	0	0	-0.164	-0.004	0.291	14	100	-	-	0	0	0	0	8	MCL	4	-	-	-
Strontium-90	Generic:Gas Flow Proportional Cour	pCi/L	2	0	0	0.179	0.181	0.183	2	100	-	-	0	0	0	0	8	MCL	1	-	-	-
Technetium-99	HASL-300:TC99	pCi/L	4	0	0	-3.42	-1.041	0.332	4	100	-	-	0	0	0	0	4000	DCG	1	-	-	-
Tritium	EPA:906.0	pCi/L	8	0	0	-2.3	36.238	70.6	8	100	-	-	0	0	0	0	20000	MCL	2	-	-	-
Tritium	Generic:LLEE	pCi/L	45	37	82	6.7053	36.315	67.692	8	18	-	-	0	0	0	0	20000	MCL	4	-	-	-
Tritium	Generic:Low_Level_Tritium	pCi/L	3	3	100	34.165	44.915	52.365	0	0	-	-	0	0	0	0	20000	MCL	1	-	-	-
Uranium-234	Generic:Alpha-Spec	pCi/L	2	1	50	0.255	0.255	0.255	1	50	-	-	0	0	0	0	300	NMRPS	1	-	-	-
Uranium-234	HASL-300:ISOU	pCi/L	17	17	100	0.126	0.3389	0.751	0	0	-	-	0	0	0	0	300	NMRPS	4	-	-	-
Uranium-235/Uranium-236	Generic:Alpha-Spec	pCi/L	2	0	0	0.0043	0.0054	0.0065	2	100	-	-	0	0	0	0	-	-	1	-	-	-
Uranium-235/Uranium-236	HASL-300:ISOU	pCi/L	17	0	0	-0.015	0.0238	0.0862	17	100	-	-	0	0	0	0	-	-	4	-	-	-
Uranium-238	Generic:Alpha-Spec	pCi/L	2	2	100	0.0501	0.1081	0.166	0	0	-	-	0	0	0	0	300	NMRPS	1	-	-	-
Uranium-238	HASL-300:ISOU	pCi/L	17	16	94	0.1	0.1834	0.455	1	6	-	-	0	0	0	0	300	NMRPS	4	-	-	-
Water, RAD, F, Regional																						
Americium-241	HASL-300:AM-241	pCi/L	22	0	0	-0.013	0.002	0.032	22	100	0.032	-	0	0	0	0	20	NMRPS	4	-	-	-
Cesium-137	EPA:901.1	pCi/L	21	0	0	-0.936	0.5005	2.42	21	100	4.45	-	0	0	0	0	1000	NMRPS	4	-	-	-
Cobalt-60	EPA:901.1	pCi/L	22	0	0	-3.16	0.2019	3.18	22	100	-	-	0	0	0	0	3000	NMRPS	4	-	-	-
Gross alpha	EPA:900	pCi/L	22	2	9	2.89	2.98	3.07	20	91	2.54	2	0	0	0	0	15	MCL	4	-	-	-
Gross beta	EPA:900	pCi/L	22	4	18	3.01	3.6675	4.59	18	82	14.1	-	0	0	0	0	50	SMCL	4	-	-	-
Gross gamma	EPA:901.1	pCi/L	22	0	0	51.7	77.359	117	22	100	123	-	0	0	0	0	-	-	4	-	-	-
Iodine-129	HASL-300:I-129	pCi/L	2	0	0	0.217	0.219	0.221	2	100	-	-	0	0	0	0	-	-	1	-	-	-
Neptunium-237	EPA:901.1	pCi/L	22	1	5	25	25	25	21	95	-	-	0	1	1	5	20	NMRPS	4	1	1	R-27
Plutonium-238	HASL-300:ISOPU	pCi/L	22	0	0	-0.028	0.0002	0.0136	22	100	0.025	-	0	0	0	0	20	NMRPS	4	-	-	-
Plutonium-239/240	HASL-300:ISOPU	pCi/L	22	0	0	-0.01	0.0006	0.0155	22	100	-	-	0	0	0	0	20	NMRPS	4	-	-	-
Potassium-40	EPA:901.1	pCi/L	21	1	5	70.9	70.9	70.9	20	95	-	-	0	0	0	0	4000	NMRPS	4	-	-	-
Sodium-22	EPA:901.1	pCi/L	22	0	0	-1.83	0.1088	2.81	22	100	-	-	0	0	0	0	6000	NMRPS	4	-	-	-
Strontium-90	EPA:905.0	pCi/L	22	0	0	-0.275	-0.007	0.217	22	100	4.49	-	0	0	0	0	8	MCL	4	-	-	-
Technetium-99	HASL-300:TC99	pCi/L	2	0	0	0.215	1.1925	2.17	2	100	-	-	0	0	0	0	4000	DCG	1	-	-	-
Uranium-234	HASL-300:ISOU	pCi/L	26	25	96	0.0326	0.2787	0.466	1	4	2.17	-	0	0	0	0	300	NMRPS	4	-	-	-
Uranium-235/Uranium-236	HASL-300:ISOU	pCi/L	26	2	8	0.0197	0.0287	0.0376	24	92	-	-	0	0	0	0	-	-	4	-	-	-
Uranium-238	HASL-300:ISOU	pCi/L	26	24	92	0.0853	0.148	0.234	2	8	1.2	-	0	0	0	0	300	NMRPS	4	-	-	-
Water, RAD, UF, Regional																						
Americium-241	HASL-300:AM-241	pCi/L	23	0	0	-0.011	-5E-04	0.0227	23	100	-	-	0	0	0	0	20	NMRPS	4	-	-	-
Cesium-137	EPA:901.1	pCi/L	25	0	0	-1.91	0.0051	3.47	25	100	-	-	0	0	0	0	1000	NMRPS	4	-	-	-
Cobalt-60	EPA:901.1	pCi/L	26	0	0	-2.27	0.0797	2.56	26	100	-	-	0	0	0	0	3000	NMRPS	4	-	-	-
Gross alpha	EPA:900	pCi/L	23	2	9	1.07	1.21	1.35	21	91	-	-	0	0	0	0	15	MCL	4	-	-	-
Gross alpha/beta	EPA:900	pCi/L	8	0	0	0.225	1.2336	2.33	8	100	-	-	0	0	0	0	-	-	2	-	-	-
Gross beta	EPA:900	pCi/L	31	11	35	2.01	4.0745	8.84	20	65	-	-	0	0	0	0	50	SMCL	4	-	-	-
Gross gamma	EPA:901.1	pCi/L	31	0	0	57	116.02	631	31	100	-	-	0	0	0	0	-	-	4	-	-	-
Iodine-129	HASL-300:I-129	pCi/L	2	0	0	0.0001	0.3866	0.773	2	100	-	-	0	0	0	0	-	-	1	-	-	-
Neptunium-237	EPA:901.1	pCi/L	23	0	0	-18.4	2.2919	21.8	23	100	-	-	1	0	0	0	20	NMRPS	4	-	-	-
Plutonium-238	HASL-300:ISOPU	pCi/L	23	0	0	-0.014	0.0006	0.0162	23	100	-	-	0	0	0	0	20	NMRPS	4	-	-	-
Plutonium-239/240	HASL-300:ISOPU	pCi/L	23	1	4	0.0196	0.0196	0.0196	22	96	-	-	0	0	0	0	20	NMRPS	4	-	-	-
Potassium-40	EPA:901.1	pCi/L	22	0	0	-29.7	8.1345	42.4	22	100	-	-	0	0	0	0	4000	NMRPS	4	-	-	-
Radium-226	EPA:903.1	pCi/L	8	6	75	0.697	0.988	1.41	2	25	-	-	0	0	0	0	5	MCL	4	-	-	-
Radium-228	EPA:904	pCi/L	8	3	38	0.675	6.065	14.5	5	63	-	-	0	1	2	25	5	MCL	4	1	2	R-25
Sodium-22	EPA:901.1	pCi/L	26	0	0	-1.54	0.2352	2.51	26	100	-	-	0	0	0	0	6000	NMRPS	4	-	-	-
Strontium-90	EPA:905.0	pCi/L	23	0	0	-0.251	0.0404	0.406	23	100	-	-	0	0	0	0	8	MCL	4	-	-	-
Technetium-99	HASL-300:TC99	pCi/L	2	0	0	0.105	0.4395	0.774	2	100	-	-	0	0	0	0	4000	DCG	1	-	-	-
Tritium	EPA:906.0	pCi/L	5	0	0	-120	0.914	59.1	5	100	11.43	-	0	0	0	0	20000	MCL	2	-	-	-
Tritium	Generic:LLEE	pCi/L	95	20	21	0	5.7075	16.252	75	79	11.43	-	0	0	0	0	20000	MCL	4	-	-	-
Tritium	Generic:Low_Level_Tritium	pCi/L	52	32	62	0	1.7398	17.785	20	38	11.43	-	0	0	0	0	20000	MCL	3	-	-	-
Uranium-234	HASL-300:ISOU	pCi/L	27	25	93	0.0812	0.2803	0.446	2	7	-	-	0	0	0	0	300	NMRPS	4	-	-	-

Table B-5
Screening Table for Water Canyon Watershed (including Cañon de Valle, Potrillo Canyon, and Fence Canyon)

Analyte	Method	Units	No. of Analyses	No. of Detects	D Rate %	Min	Mean	Max	No. of Non-detects	ND Rate %	BV	D> BV	ND> Std	D> Std	D> Std/2	D>Std/2 Rate %	Level	Std Type	Locations with Data (number)	D>Std (number of locations)	D>Std/2 (number of locations)	D>Std Stations
Uranium-235/Uranium-236	HASL-300:ISOU	pCi/L	26	2	8	0.0278	0.0307	0.0336	24	92	-	-	0	0	0	0	-	-	4	-	-	-
Uranium-238	HASL-300:ISOU	pCi/L	27	26	96	0.0314	0.1408	0.227	1	4	-	-	0	0	0	0	300	NMRPS	4	-	-	-

Notes: See Table 1.7-1 for standard abbreviations and definitions.Values in italics represent statistics based on detection levels because analyte has not been detected at this location. A dash means none or no value.

Table B-6
Screening Table for Frijoles, Ancho, and Chaquehui Watersheds

Analyte	Method	Units	No. of Analyses	No. of Detects	D Rate %	Min	Mean	Max	No. of Non-detects	ND Rate %	BV	D> BV	ND> Std	D> Std	D> Std/2	D>Std/2 Rate %	Level	Std Type	Locations with Data (number)	D>Std (number of locations)	D>Std/2 (number of locations)	D>Std Stations
Ancho, Geninorg, F, Ephemeral																						
Alkalinity-CO3	EPA:310.1	mg/L	7	2	29	4.92	12.41	19.9	5	71	-	-	0	0	0	0	-	-	1	-	-	-
Alkalinity-CO3+HCO3	EPA:310.1	mg/L	7	7	100	57.1	65.48571	91.5	0	0	-	-	0	0	0	0	-	-	1	-	-	-
Alkalinity-HCO3	EPA:310.1	mg/L	3	3	100	60.1	70.23333	90	0	0	-	-	0	0	0	0	-	-	1	-	-	-
Ammonia as Nitrogen	EPA:350.1	mg/L	1	1	100	0.147	0.147	0.147	0	0	-	-	0	0	0	0	-	-	1	-	-	-
Bromide	EPA:300.0	mg/L	4	0	0	*0.041*	*0.0535*	*0.066*	4	100	-	-	0	0	0	0	-	-	1	-	-	-
Calcium	EPA:200.7	mg/L	3	3	100	12.4	13.13333	14.2	0	0	-	-	0	0	0	0	-	-	1	-	-	-
Calcium	SW-846:6010B	mg/L	4	4	100	12.5	12.9	13.6	0	0	-	-	0	0	0	0	-	-	1	-	-	-
Chloride	EPA:300.0	mg/L	7	7	100	2.29	2.44	2.77	0	0	-	-	0	0	0	0	-	-	1	-	-	-
Cyanide (Total)	EPA:335.3	mg/L	3	0	0	*0.0015*	*0.00217*	*0.0025*	3	100	-	-	0	0	0	0	-	-	1	-	-	-
Fluoride	EPA:300.0	mg/L	7	6	86	0.272	0.374333	0.412	1	14	-	-	0	0	0	0	-	-	1	-	-	-
Hardness	EPA:200.7	mg/L	3	3	100	44	47	50.9	0	0	-	-	0	0	0	0	-	-	1	-	-	-
Hardness	SM:A2340B	mg/L	4	4	100	44.8	45.5	47.4	0	0	-	-	0	0	0	0	-	-	1	-	-	-
Magnesium	EPA:200.7	mg/L	3	3	100	3.14	3.453333	3.77	0	0	-	-	0	0	0	0	-	-	1	-	-	-
Magnesium	SW-846:6010B	mg/L	4	4	100	3.09	3.2325	3.29	0	0	-	-	0	0	0	0	-	-	1	-	-	-
Nitrate-Nitrite as Nitrogen	EPA:353.1	mg/L	5	1	20	0.0421	0.0421	0.0421	4	80	-	-	0	0	0	0	-	-	1	-	-	-
Nitrate-Nitrite as Nitrogen	EPA:353.2	mg/L	1	0	0	*0.01*	*0.01*	*0.01*	1	100	-	-	0	0	0	0	-	-	1	-	-	-
Perchlorate	EPA:314.0	ug/L	3	0	0	*4*	*4*	*4*	3	100	-	-	0	0	0	0	-	-	1	-	-	-
Perchlorate	SW846 6850 Modified	ug/L	3	3	100	0.128	0.205	0.324	0	0	-	-	0	0	0	0	-	-	1	-	-	-
Perchlorate	SW-846:6850	ug/L	1	1	100	0.143	0.143	0.143	0	0	-	-	0	0	0	0	-	-	1	-	-	-
pH	EPA:150.1	SU	7	7	100	7.62	8.225714	9.07	0	0	-	-	0	0	0	0	-	-	1	-	-	-
Potassium	EPA:200.7	mg/L	3	3	100	1.66	1.83	1.94	0	0	-	-	0	0	0	0	-	-	1	-	-	-
Potassium	SW-846:6010B	mg/L	4	4	100	1.56	1.7475	1.89	0	0	-	-	0	0	0	0	-	-	1	-	-	-
Silicon Dioxide	EPA:200.7	mg/L	3	3	100	66.5	72.26667	77.2	0	0	-	-	0	0	0	0	-	-	1	-	-	-
Silicon Dioxide	SW-846:6010B	mg/L	4	4	100	69.3	71.675	75	0	0	-	-	0	0	0	0	-	-	1	-	-	-
Sodium	EPA:200.7	mg/L	3	3	100	10.4	11.3	12	0	0	-	-	0	0	0	0	-	-	1	-	-	-
Sodium	SW-846:6010B	mg/L	4	4	100	10.4	10.7	11.4	0	0	-	-	0	0	0	0	-	-	1	-	-	-
Specific Conductance	EPA:120.1	uS/cm	4	4	100	121	130.75	152	0	0	-	-	0	0	0	0	-	-	1	-	-	-
Specific Conductance	SW-846:9050A	uS/cm	3	3	100	128	132.6667	138	0	0	-	-	0	0	0	0	-	-	1	-	-	-
Sulfate	EPA:300.0	mg/L	7	7	100	1.97	2.112857	2.27	0	0	-	-	0	0	0	0	-	-	1	-	-	-
Total Dissolved Solids	EPA:160.1	mg/L	8	8	100	121	144.625	155	0	0	-	-	0	0	0	0	-	-	1	-	-	-
Total Kjeldahl Nitrogen	EPA:351.2	mg/L	3	1	33	0.556	0.556	0.556	2	67	-	-	0	0	0	0	-	-	1	-	-	-
Total Phosphate as Phosphorus	EPA:365.4	mg/L	6	4	67	0.04	0.079925	0.168	2	33	-	-	0	0	0	0	-	-	1	-	-	-
Ancho, Geninorg, UF, Ephemeral																						
Alkalinity-CO3	EPA:310.1	mg/L	1	1	100	6.32	6.32	6.32	0	0	-	-	0	0	0	0	-	-	1	-	-	-
Alkalinity-CO3+HCO3	EPA:310.1	mg/L	1	1	100	77.2	77.2	77.2	0	0	-	-	0	0	0	0	-	-	1	-	-	-
Ammonia as Nitrogen	EPA:350.1	mg/L	1	0	0	*0.079*	*0.079*	*0.079*	1	100	-	-	0	0	0	0	39.1	AqAcU	1	-	-	-
Bromide	EPA:300.0	mg/L	1	0	0	*0.066*	*0.066*	*0.066*	1	100	-	-	0	0	0	0	-	-	1	-	-	-
Calcium	SW-846:6010B	mg/L	4	4	100	12.6	12.9	13.7	0	0	-	-	0	0	0	0	-	-	1	-	-	-
Chloride	EPA:300.0	mg/L	1	1	100	2.43	2.43	2.43	0	0	-	-	0	0	0	0	-	-	1	-	-	-
Cyanide (Total)	EPA:335.3	mg/L	5	0	0	*0.0015*	*0.00163*	*0.00172*	5	100	-	-	0	0	0	0	-	-	1	-	-	-
Cyanide, Amenable to Chlorination	EPA:335.1	mg/L	1	0	0	*0.00172*	*0.00172*	*0.00172*	1	100	-	-	0	0	0	0	0.022	AqAcU	1	-	-	-
Fluoride	EPA:300.0	mg/L	1	0	0	*0.431*	*0.431*	*0.431*	1	100	-	-	0	0	0	0	-	-	1	-	-	-
Hardness	SM:A2340B	mg/L	4	4	100	44.1	45.525	47.6	0	0	-	-	0	0	0	0	-	-	1	-	-	-
Magnesium	SW-846:6010B	mg/L	4	4	100	3.05	3.2325	3.31	0	0	-	-	0	0	0	0	-	-	1	-	-	-
Nitrate-Nitrite as Nitrogen	EPA:353.1	mg/L	1	0	0	*0.0353*	*0.0353*	*0.0353*	1	100	-	-	0	0	0	0	132	LWU	1	-	-	-
Perchlorate	EPA:314.0	ug/L	3	0	0	*1.45*	*3.15*	*4*	3	100	-	-	0	0	0	0	-	-	1	-	-	-
Perchlorate	SW846 6850 Modified	ug/L	1	1	100	0.18	0.18	0.18	0	0	-	-	0	0	0	0	-	-	1	-	-	-
pH	EPA:150.1	SU	1	1	100	8.69	8.69	8.69	0	0	-	-	0	0	0	0	-	-	1	-	-	-
Potassium	SW-846:6010B	mg/L	4	4	100	1.51	1.7525	1.93	0	0	-	-	0	0	0	0	-	-	1	-	-	-
Silicon Dioxide	SW-846:6010B	mg/L	3	3	100	70.1	70.43333	70.8	0	0	-	-	0	0	0	0	-	-	1	-	-	-
Sodium	SW-846:6010B	mg/L	4	4	100	10.3	10.6	11.1	0	0	-	-	0	0	0	0	-	-	1	-	-	-
Specific Conductance	EPA:120.1	uS/cm	1	1	100	154	154	154	0	0	-	-	0	0	0	0	-	-	1	-	-	-
Sulfate	EPA:300.0	mg/L	1	1	100	2.27	2.27	2.27	0	0	-	-	0	0	0	0	-	-	1	-	-	-
Suspended Sediment Concentration	EPA:160.2	mg/L	5	5	100	1.2	4.316	12.8	0	0	-	-	0	0	0	0	-	-	1	-	-	-
Total Kjeldahl Nitrogen	EPA:351.2	mg/L	2	1	50	0.088	0.088	0.088	1	50	-	-	0	0	0	0	-	-	1	-	-	-
Total Organic Carbon	SW-846:9060	mg/L	2	2	100	1.61	1.7	1.79	0	0	-	-	0	0	0	0	-	-	1	-	-	-
Total Suspended Solids	EPA:160.2	mg/L	2	2	100	0.727	1.1635	1.6	0	0	-	-	0	0	0	0	-	-	1	-	-	-

Analyte	Method	Units	No. of Analyses	No. of Detects	D Rate %	Min	Mean	Max	No. of Non-detects	ND Rate %	BV	D> BV	ND> Std	D> Std	D> Std/2	D>Std/2 Rate %	Level	Std Type	Locations with Data (number)	D>Std (number of locations)	D>Std/2 (number of locations)	D>Std Stations
Ancho, Geninorg, F, Perennial																						
Alkalinity-CO3	EPA:310.1	mg/L	14	2	14	1.03	1.05	1.07	12	86	-	-	0	0	0	0	-	-	2	-	-	-
Alkalinity-CO3+HCO3	EPA:310.1	mg/L	14	14	100	45.8	54.57857	61.1	0	0	-	-	0	0	0	0	-	-	2	-	-	-
Alkalinity-HCO3	EPA:310.1	mg/L	8	8	100	45.6	53.5125	60.4	0	0	-	-	0	0	0	0	-	-	2	-	-	-
Ammonia as Nitrogen	EPA:350.1	mg/L	4	1	25	0.049	0.049	0.049	3	75	-	-	0	0	0	0	-	-	2	-	-	-
Bromide	EPA:300.0	mg/L	6	0	0	*0.041*	*0.0535*	*0.066*	6	100	-	-	0	0	0	0	-	-	2	-	-	-
Calcium	EPA:200.7	mg/L	8	7	88	8.19	9.265714	11.3	1	13	-	-	0	0	0	0	-	-	2	-	-	-
Calcium	SW-846:6010B	mg/L	6	6	100	10.2	10.53333	11.6	0	0	-	-	0	0	0	0	-	-	2	-	-	-
Chloride	EPA:300.0	mg/L	14	13	93	1.83	4.540769	10.1	1	7	-	-	0	0	0	0	-	-	2	-	-	-
Cyanide (Total)	EPA:335.3	mg/L	3	0	0	*0.0015*	*0.00183*	*0.0025*	3	100	-	-	0	0	0	0	-	-	2	-	-	-
Cyanide (Total)	SW-846:9012A	mg/L	2	0	0	*0.0025*	*0.0025*	*0.0025*	2	100	-	-	0	0	0	0	-	-	1	-	-	-
Fluoride	EPA:300.0	mg/L	14	11	79	0.162	0.224273	0.315	3	21	-	-	0	0	0	0	-	-	2	-	-	-
Hardness	EPA:200.7	mg/L	8	8	100	32.1	36.0125	44.2	0	0	-	-	0	0	0	0	-	-	2	-	-	-
Hardness	SM:A2340B	mg/L	6	6	100	39.4	40.5	43.5	0	0	-	-	0	0	0	0	-	-	2	-	-	-
Magnesium	EPA:200.7	mg/L	8	7	88	2.82	3.135714	3.86	1	13	-	-	0	0	0	0	-	-	2	-	-	-
Magnesium	SW-846:6010B	mg/L	6	6	100	3.41	3.455	3.54	0	0	-	-	0	0	0	0	-	-	2	-	-	-
Nitrate-Nitrite as Nitrogen	EPA:353.1	mg/L	11	1	9	0.01	0.01	0.01	10	91	-	-	0	0	0	0	-	-	2	-	-	-
Nitrate-Nitrite as Nitrogen	EPA:353.2	mg/L	1	1	100	0.017	0.017	0.017	0	0	-	-	0	0	0	0	-	-	1	-	-	-
Perchlorate	EPA:314.0	ug/L	5	0	0	*4*	*4*	*4*	5	100	-	-	0	0	0	0	-	-	2	-	-	-
Perchlorate	SW846 6850 Modified	ug/L	5	2	40	0.115	0.117	0.119	3	60	-	-	0	0	0	0	-	-	2	-	-	-
Perchlorate	SW-846:6850	ug/L	1	1	100	0.0621	0.0621	0.0621	0	0	-	-	0	0	0	0	-	-	1	-	-	-
pH	EPA:150.1	SU	14	14	100	7.22	7.716429	8.15	0	0	-	-	0	0	0	0	-	-	2	-	-	-
Potassium	EPA:200.7	mg/L	8	7	88	1.4	2.051429	2.35	1	13	-	-	0	0	0	0	-	-	2	-	-	-
Potassium	SW-846:6010B	mg/L	6	6	100	1.91	2.043333	2.16	0	0	-	-	0	0	0	0	-	-	2	-	-	-
Silicon Dioxide	EPA:200.7	mg/L	8	7	88	64.9	67.88571	71.1	1	13	-	-	0	0	0	0	-	-	2	-	-	-
Silicon Dioxide	SW-846:6010B	mg/L	6	6	100	62.4	64.73333	67	0	0	-	-	0	0	0	0	-	-	2	-	-	-
Sodium	EPA:200.7	mg/L	8	8	100	11.1	11.9625	13.1	0	0	-	-	0	0	0	0	-	-	2	-	-	-
Sodium	SW-846:6010B	mg/L	6	6	100	11.5	11.85	12.3	0	0	-	-	0	0	0	0	-	-	2	-	-	-
Specific Conductance	EPA:120.1	uS/cm	4	4	100	124	133	146	0	0	-	-	0	0	0	0	-	-	2	-	-	-
Specific Conductance	SW-846:9050A	uS/cm	10	10	100	89.4	114.04	146	0	0	-	-	0	0	0	0	-	-	2	-	-	-
Sulfate	EPA:300.0	mg/L	14	13	93	1.25	2.188462	3.85	1	7	-	-	0	0	0	0	-	-	2	-	-	-
Total Dissolved Solids	EPA:160.1	mg/L	16	15	94	122	142.4	229	1	6	-	-	0	0	0	0	-	-	2	-	-	-
Total Kjeldahl Nitrogen	EPA:351.2	mg/L	6	1	17	0.081	0.081	0.081	5	83	-	-	0	0	0	0	-	-	2	-	-	-
Total Phosphate as Phosphorus	EPA:365.4	mg/L	14	5	36	0.02	0.09396	0.256	9	64	-	-	0	0	0	0	-	-	2	-	-	-
Ancho, Geninorg, UF, Perennial																						
Alkalinity-CO3	EPA:310.1	mg/L	2	1	50	0.769	0.769	0.769	1	50	-	-	0	0	0	0	-	-	2	-	-	-
Alkalinity-CO3+HCO3	EPA:310.1	mg/L	2	2	100	57.5	62.4	67.3	0	0	-	-	0	0	0	0	-	-	2	-	-	-
Ammonia as Nitrogen	EPA:350.1	mg/L	1	0	0	*0.133*	*0.133*	*0.133*	1	100	-	-	0	0	0	0	8.19	AqChrU	1	-	-	-
Bromide	EPA:300.0	mg/L	2	0	0	*0.066*	*0.066*	*0.066*	2	100	-	-	0	0	0	0	-	-	2	-	-	-
Calcium	SW-846:6010B	mg/L	6	6	100	10.1	11.31667	16.1	0	0	-	-	0	0	0	0	-	-	2	-	-	-
Chloride	EPA:300.0	mg/L	2	2	100	5.5	5.555	5.61	0	0	-	-	0	0	0	0	-	-	2	-	-	-
Cyanide (Total)	EPA:335.3	mg/L	10	2	20	0.00189	0.00425	0.00661	8	80	-	-	0	0	0	0	-	-	2	-	-	-
Cyanide, Amenable to Chlorination	EPA:335.1	mg/L	3	1	33	0.00436	0.00436	0.00436	2	67	-	-	0	0	0	0	0.022	AqAcU	2	-	-	-
Fluoride	EPA:300.0	mg/L	2	0	0	*0.26*	*0.3075*	*0.355*	2	100	-	-	0	0	0	0	-	-	2	-	-	-
Hardness	SM:A2340B	mg/L	6	6	100	39.2	43.25	58.3	0	0	-	-	0	0	0	0	-	-	2	-	-	-
Magnesium	SW-846:6010B	mg/L	6	6	100	3.4	3.631667	4.37	0	0	-	-	0	0	0	0	-	-	2	-	-	-
Nitrate-Nitrite as Nitrogen	EPA:353.1	mg/L	2	0	0	*0.014*	*0.014*	*0.014*	2	100	-	-	0	0	0	0	132	LWU	2	-	-	-
Perchlorate	EPA:314.0	ug/L	8	0	0	*0.989*	*2.66738*	*4*	8	100	-	-	0	0	0	0	-	-	2	-	-	-
Perchlorate	SW846 6850 Modified	ug/L	2	0	0	*0.05*	*0.0795*	*0.109*	2	100	-	-	0	0	0	0	-	-	2	-	-	-
pH	EPA:150.1	SU	2	2	100	8.05	8.085	8.12	0	0	-	-	0	0	0	0	-	-	2	-	-	-
Potassium	SW-846:6010B	mg/L	6	6	100	1.96	2.245	2.76	0	0	-	-	0	0	0	0	-	-	2	-	-	-
Silicon Dioxide	SW-846:6010B	mg/L	5	5	100	62.7	66.66	70.8	0	0	-	-	0	0	0	0	-	-	2	-	-	-
Sodium	SW-846:6010B	mg/L	6	6	100	11.6	12.15	12.8	0	0	-	-	0	0	0	0	-	-	2	-	-	-
Specific Conductance	EPA:120.1	uS/cm	2	2	100	135	154.5	174	0	0	-	-	0	0	0	0	-	-	2	-	-	-
Sulfate	EPA:300.0	mg/L	2	2	100	1.79	5.895	10	0	0	-	-	0	0	0	0	-	-	2	-	-	-
Suspended Sediment Concentration	EPA:160.2	mg/L	8	8	100	1.2	20.5625	73.5	0	0	-	-	0	0	0	0	-	-	2	-	-	-
Total Kjeldahl Nitrogen	EPA:351.2	mg/L	2	2	100	0.106	0.139	0.172	0	0	-	-	0	0	0	0	-	-	1	-	-	-
Total Organic Carbon	SW-846:9060	mg/L	3	3	100	2.6	2.996667	3.55	0	0	-	-	0	0	0	0	-	-	2	-	-	-
Total Phosphate as Phosphorus	EPA:365.4	mg/L	2	0	0	*0.072*	*0.08*	*0.088*	2	100	-	-	0	0	0	0	-	-	2	-	-	-

Table B-6
Screening Table for Frijoles, Ancho, and Chaquehui Watersheds

Analyte	Method	Units	No. of Analyses	No. of Detects	D Rate %	Min	Mean	Max	No. of Non-detects	ND Rate %	BV	D> BV	ND> Std	D> Std	D> Std/2	D>Std/2 Rate %	Level	Std Type	Locations with Data (number)	D>Std (number of locations)	D>Std/2 (number of locations)	D>Std Stations
Total Suspended Solids	EPA:160.2	mg/L	6	6	100	1.94	10.12833	22	0	0	-	-	0	0	0	0	-	-	2	-	-	-
Ancho, Geninorg, F, Regional																						
Alkalinity-CO3	EPA:310.1	mg/L	29	12	41	0.782	1.264417	2.38	17	59	-	-	0	0	0	0	-	-	4	-	-	-
Alkalinity-CO3+HCO3	EPA:310.1	mg/L	29	29	100	49.4	88.42069	274	0	0	156.6	1	0	0	0	0	-	-	4	-	-	-
Alkalinity-HCO3	EPA:310.1	mg/L	1	1	100	271	271	271	0	0	132.3	1	0	0	0	0	-	-	1	-	-	-
Ammonia as Nitrogen	EPA:350.1	mg/L	25	7	28	0.096	0.388143	1.21	18	72	0.25	1	0	4	6	24	0.2085714	Reg6	4	1	1	R-31
Bromide	EPA:300.0	mg/L	29	0	0	*0.041*	*0.06106*	*0.0978*	29	100	0.18	-	0	0	0	0	-	-	4	-	-	-
Calcium	SW-846:6010B	mg/L	29	29	100	8.58	16.20655	56.3	0	0	24.88	1	0	0	0	0	-	-	4	-	-	-
Chloride	EPA:300.0	mg/L	29	29	100	1.32	1.781034	3.44	0	0	3.57	-	0	0	0	0	250	NMGSF	4	-	-	-
Cyanide (Total)	EPA:335.3	mg/L	16	1	6	0.00236	0.00236	0.00236	15	94	-	-	0	0	0	0	0.2	NMGSF	4	-	-	-
Fluoride	EPA:300.0	mg/L	29	28	97	0.163	0.265607	0.427	1	3	0.57	-	0	0	0	0	1.6	NMGSF	4	-	-	-
Hardness	SM:A2340B	mg/L	28	28	100	31.7	54.46429	206	0	0	-	-	0	0	0	0	-	-	4	-	-	-
Magnesium	SW-846:6010B	mg/L	29	29	100	2.09	4.697241	17.2	0	0	4.15	1	0	0	0	0	-	-	4	-	-	-
Nitrate-Nitrite as Nitrogen	EPA:353.1	mg/L	15	13	87	0.0212	0.224938	0.301	2	13	0.89	-	0	0	0	0	10	NMGSF	4	-	-	-
Nitrate-Nitrite as Nitrogen	EPA:353.2	mg/L	12	8	67	0.032	0.311375	0.56	4	33	0.89	-	0	0	0	0	10	NMGSF	4	-	-	-
Perchlorate	EPA:314.0	ug/L	23	0	0	*4*	*4*	*4*	23	100	0.46	-	0	0	0	0	24.5	Reg6	4	-	-	-
Perchlorate	SW846 6850 Modified	ug/L	16	13	81	0.058	0.197669	0.294	3	19	0.46	-	0	0	0	0	24.5	Reg6	4	-	-	-
Perchlorate	SW-846:6850	ug/L	12	12	100	0.0964	0.232867	0.306	0	0	0.46	-	0	0	0	0	24.5	Reg6	4	-	-	-
pH	EPA:150.1	SU	28	28	100	6.65	7.933214	8.41	0	0	-	-	0	0	0	0	-	-	4	-	-	-
Potassium	SW-846:6010B	mg/L	29	29	100	0.948	2.288931	4.89	0	0	2.63	1	0	0	0	0	-	-	4	-	-	-
Silicon Dioxide	SW-846:6010B	mg/L	29	28	97	30.2	65.52857	88.5	1	3	88.5	-	0	0	0	0	-	-	4	-	-	-
Sodium	SW-846:6010B	mg/L	29	29	100	10.4	14.78621	44.2	0	0	24.5	1	0	0	0	0	-	-	4	-	-	-
Specific Conductance	EPA:120.1	uS/cm	28	28	100	109	210.7143	1290	0	0	-	-	0	0	0	0	-	-	4	-	-	-
Sulfate	EPA:300.0	mg/L	29	27	93	0.345	1.373111	1.82	2	7	7.2	-	0	0	0	0	600	NMGSF	4	-	-	-
Total Dissolved Solids	EPA:160.1	mg/L	47	46	98	31	137.863	296	1	2	191.68	1	0	0	0	0	1000	NMGSF	4	-	-	-
Total Kjeldahl Nitrogen	EPA:351.2	mg/L	29	19	66	0.048	0.422579	3.65	10	34	1	2	0	0	0	0	-	-	4	-	-	-
Total Phosphate as Phosphorus	EPA:300.0	mg/L	1	1	100	0.338	0.338	0.338	0	0	0.34	-	0	0	0	0	-	-	1	-	-	-
Total Phosphate as Phosphorus	EPA:365.4	mg/L	28	12	43	0.033	0.065667	0.167	16	57	0.34	-	0	0	0	0	-	-	4	-	-	-
Ancho, Geninorg, UF, Regional																						
Alkalinity-CO3	EPA:310.1	mg/L	19	7	37	0.753	1.580143	3.06	12	63	-	-	0	0	0	0	-	-	4	-	-	-
Alkalinity-CO3+HCO3	EPA:310.1	mg/L	19	18	95	10.1	70.03333	248	1	5	-	-	0	0	0	0	-	-	4	-	-	-
Alkalinity-HCO3	EPA:310.1	mg/L	10	9	90	10.1	55.48889	109	1	10	-	-	0	0	0	0	-	-	3	-	-	-
Ammonia as Nitrogen	EPA:350.1	mg/L	10	3	30	0.142	0.276	0.41	7	70	-	-	0	2	3	30	0.2085714	Reg6	4	1	1	R-31
Bromide	EPA:300.0	mg/L	9	0	0	*0.066*	*0.066*	*0.066*	9	100	-	-	0	0	0	0	-	-	4	-	-	-
Calcium	SW-846:6010B	mg/L	39	38	97	8.54	14.88684	55.1	1	3	-	-	0	0	0	0	-	-	4	-	-	-
Chloride	EPA:300.0	mg/L	19	18	95	1.5	2.001111	7.14	1	5	-	-	0	0	0	0	-	-	4	-	-	-
Cyanide (Total)	EPA:335.3	mg/L	14	2	14	0.00175	0.002385	0.00302	12	86	-	-	0	0	0	0	0.2	MCL	4	-	-	-
Cyanide (Total)	SW-846:9012A	mg/L	11	2	18	0.0023	0.00232	0.00234	9	82	-	-	0	0	0	0	0.2	MCL	4	-	-	-
Fluoride	EPA:300.0	mg/L	19	18	95	0.166	0.260278	0.551	1	5	-	-	0	0	0	0	4	MCL	4	-	-	-
Hardness	EPA:200.7	mg/L	10	9	90	31.5	37.87778	47.4	1	10	-	-	0	0	0	0	-	-	3	-	-	-
Hardness	SM:A2340B	mg/L	28	28	100	31.8	55.02857	204	0	0	-	-	0	0	0	0	-	-	4	-	-	-
Magnesium	SW-846:6010B	mg/L	39	38	97	2.08	4.300263	16.8	1	3	-	-	0	0	0	0	-	-	4	-	-	-
Nitrate-Nitrite as Nitrogen	EPA:353.1	mg/L	20	15	75	0.17	0.2654	0.32	5	25	-	-	0	0	0	0	10	MCL	4	-	-	-
Perchlorate	EPA:314.0	ug/L	11	0	0	*0.958*	*2.62009*	*4*	11	100	0.44	-	0	0	0	0	24.5	Reg6	4	-	-	-
Perchlorate	SW846 6850 Modified	ug/L	3	2	67	0.172	0.1955	0.219	1	33	0.44	-	0	0	0	0	24.5	Reg6	3	-	-	-
pH	EPA:150.1	SU	19	19	100	6.11	7.881579	8.61	0	0	8.64	-	0	0	0	0	-	-	4	-	-	-
Potassium	SW-846:6010B	mg/L	39	39	100	0.0112	2.011415	4.72	0	0	-	-	0	0	0	0	-	-	4	-	-	-
Silicon Dioxide	SW-846:6010B	mg/L	24	23	96	0.586	60.87765	86.1	1	4	-	-	0	0	0	0	-	-	4	-	-	-
Sodium	SW-846:6010B	mg/L	39	39	100	0.118	13.6979	48.4	0	0	-	-	0	0	0	0	-	-	4	-	-	-
Specific Conductance	EPA:120.1	uS/cm	9	9	100	114	176.4444	469	0	0	287.21	1	0	0	0	0	-	-	4	-	-	-
Specific Conductance	SW-846:9050A	uS/cm	10	10	100	3.67	129.167	319	0	0	287.21	1	0	0	0	0	-	-	3	-	-	-
Sulfate	EPA:300.0	mg/L	19	17	89	1.11	1.427647	1.78	2	11	-	-	0	0	0	0	-	-	4	-	-	-
Suspended Sediment Concentration	EPA:160.2	mg/L	7	4	57	1.4	8.9	26.2	3	43	-	-	0	0	0	0	-	-	4	-	-	-
Total Kjeldahl Nitrogen	EPA:351.2	mg/L	22	7	32	0.081	0.425714	1.45	15	68	-	-	0	0	0	0	-	-	4	-	-	-
Total Organic Carbon	SW-846:9060	mg/L	22	15	68	0.347	1.792467	6.23	7	32	1.37	1	0	0	0	0	-	-	4	-	-	-
Total Phosphate as Phosphorus	EPA:365.4	mg/L	20	4	20	0.03	0.04	0.05	16	80	-	-	0	0	0	0	-	-	4	-	-	-
Total Suspended Solids	EPA:160.2	mg/L	9	6	67	0.4	3.101667	8.21	3	33	-	-	0	0	0	0	-	-	3	-	-	-
Ancho, Metals, F, Ephemeral																						
Aluminum	EPA:200.7	ug/L	2	1	50	15	15	15	1	50	-	-	0	0	0	0	750	AqAcF	1	-	-	-

Table B-6
Screening Table for Frijoles, Ancho, and Chaquehui Watersheds

Analyte	Method	Units	No. of Analyses	No. of Detects	D Rate %	Min	Mean	Max	No. of Non-detects	ND Rate %	BV	D> BV	ND> Std	D> Std	D> Std/2	D>Std/2 Rate %	Level	Std Type	Locations with Data (number)	D>Std (number of locations)	D>Std/2 (number of locations)	D>Std Stations
Aluminum	SW-846:6010B	ug/L	4	0	0	68	68	68	4	100	-	-	0	0	0	0	750	AqAcF	1	-	-	-
Antimony	EPA:200.8	ug/L	3	0	0	0.2	0.2	0.2	3	100	-	-	0	0	0	0	640	HHEF	1	-	-	-
Antimony	SW-846:6020	ug/L	4	0	0	0.5	0.5	0.5	4	100	-	-	0	0	0	0	640	HHEF	1	-	-	-
Arsenic	EPA:200.7	ug/L	3	0	0	1.67	2.34667	2.87	3	100	-	-	0	0	0	0	9	HHEF	1	-	-	-
Arsenic	SW-846:6010B	ug/L	3	0	0	6	6	6	3	100	-	-	0	0	0	0	9	HHEF	1	-	-	-
Arsenic	SW-846:6020	ug/L	1	0	0	3.5	3.5	3.5	1	100	-	-	0	0	0	0	9	HHEF	1	-	-	-
Barium	EPA:200.7	ug/L	3	3	100	27.4	28.13333	28.8	0	0	-	-	0	0	0	0	-	-	1	-	-	-
Barium	SW-846:6010B	ug/L	4	4	100	28.9	29.525	30.1	0	0	-	-	0	0	0	0	-	-	1	-	-	-
Beryllium	EPA:200.7	ug/L	3	0	0	0.172	0.172	0.172	3	100	-	-	0	0	0	0	-	-	1	-	-	-
Beryllium	SW-846:6010B	ug/L	4	0	0	1	1	1	4	100	-	-	0	0	0	0	-	-	1	-	-	-
Boron	EPA:200.7	ug/L	3	2	67	12.9	15.45	18	1	33	-	-	0	0	0	0	750	IrF	1	-	-	-
Boron	SW-846:6010B	ug/L	4	4	100	11.2	13.2	15.8	0	0	-	-	0	0	0	0	750	IrF	1	-	-	-
Cadmium	EPA:200.8	ug/L	3	0	0	0.07	0.07	0.07	3	100	-	-	0	0	0	0	2	AqAcF	1	-	-	-
Cadmium	SW-846:6020	ug/L	4	0	0	0.1	0.1025	0.11	4	100	-	-	0	0	0	0	2	AqAcF	1	-	-	-
Chromium	EPA:200.7	ug/L	3	0	0	1.43	1.43	1.43	3	100	-	-	0	0	0	0	100	IrF	1	-	-	-
Chromium	SW-846:6010B	ug/L	2	0	0	1	1	1	2	100	-	-	0	0	0	0	100	IrF	1	-	-	-
Chromium	SW-846:6020	ug/L	2	0	0	1	1.05	1.1	2	100	-	-	0	0	0	0	100	IrF	1	-	-	-
Cobalt	EPA:200.7	ug/L	3	0	0	0.762	0.908	1.2	3	100	-	-	0	0	0	0	50	IrF	1	-	-	-
Cobalt	SW-846:6010B	ug/L	4	0	0	1	1	1	4	100	-	-	0	0	0	0	50	IrF	1	-	-	-
Copper	EPA:200.7	ug/L	3	0	0	1.8	1.94	2.22	3	100	-	-	0	0	0	0	13.4	AqAcF	1	-	-	-
Copper	SW-846:6010B	ug/L	2	0	0	3	3	3	2	100	-	-	0	0	0	0	13.4	AqAcF	1	-	-	-
Iron	EPA:200.7	ug/L	3	2	67	16.5	17.75	19	1	33	-	-	0	0	0	0	-	-	1	-	-	-
Iron	SW-846:6010B	ug/L	4	2	50	31.6	44.1	56.6	2	50	-	-	0	0	0	0	-	-	1	-	-	-
Lead	EPA:200.8	ug/L	3	3	100	0.059	0.110333	0.16	0	0	-	-	0	0	0	0	64.6	AqAcF	1	-	-	-
Lead	SW-846:6020	ug/L	4	0	0	0.5	0.5	0.5	4	100	-	-	0	0	0	0	64.6	AqAcF	1	-	-	-
Manganese	EPA:200.7	ug/L	3	1	33	0.333	0.333	0.333	2	67	-	-	0	0	0	0	-	-	1	-	-	-
Manganese	SW-846:6010B	ug/L	4	1	25	2.1	2.1	2.1	3	75	-	-	0	0	0	0	-	-	1	-	-	-
Mercury	EPA:245.1	ug/L	3	0	0	0.0472	0.0472	0.0472	3	100	-	-	0	0	0	0	1.4	AqAcF	1	-	-	-
Mercury	EPA:245.2	ug/L	4	0	0	0.03	0.0475	0.06	4	100	-	-	0	0	0	0	1.4	AqAcF	1	-	-	-
Molybdenum	EPA:200.7	ug/L	3	2	67	0.958	1.209	1.46	1	33	-	-	0	0	0	0	1000	IrF	1	-	-	-
Molybdenum	SW-846:6010B	ug/L	4	0	0	2	2.15	2.6	4	100	-	-	0	0	0	0	1000	IrF	1	-	-	-
Nickel	EPA:200.7	ug/L	3	0	0	3.6	3.6	3.6	3	100	-	-	0	0	0	0	467	AqAcF	1	-	-	-
Nickel	SW-846:6020	ug/L	4	1	25	0.8	0.8	0.8	3	75	-	-	0	0	0	0	467	AqAcF	1	-	-	-
Selenium	EPA:200.7	ug/L	1	0	0	2.29	2.29	2.29	1	100	-	-	0	0	0	0	50	LWF	1	-	-	-
Selenium	SW-846:6020	ug/L	4	0	0	1	2.125	2.5	4	100	-	-	0	0	0	0	50	LWF	1	-	-	-
Silver	EPA:200.7	ug/L	3	0	0	0.819	0.819	0.819	3	100	-	-	0	0	0	0	3.2	AqAcF	1	-	-	-
Silver	SW-846:6020	ug/L	4	0	0	0.2	0.2	0.2	4	100	-	-	0	0	0	0	3.2	AqAcF	1	-	-	-
Strontium	EPA:200.7	ug/L	3	3	100	58.7	62.66667	67.1	0	0	-	-	0	0	0	0	-	-	1	-	-	-
Strontium	SW-846:6010B	ug/L	4	4	100	60.2	61.05	63.1	0	0	-	-	0	0	0	0	-	-	1	-	-	-
Thallium	EPA:200.8	ug/L	3	1	33	0.91	0.91	0.91	2	67	-	-	0	0	0	0	6.3	HHEF	1	-	-	-
Thallium	SW-846:6020	ug/L	4	1	25	0.48	0.48	0.48	3	75	-	-	0	0	0	0	6.3	HHEF	1	-	-	-
Tin	EPA:200.7	ug/L	3	0	0	1.55	1.55	1.55	3	100	-	-	0	0	0	0	-	-	1	-	-	-
Tin	SW-846:6010B	ug/L	4	0	0	2.5	2.5	2.5	4	100	-	-	0	0	0	0	-	-	1	-	-	-
Uranium	SW-846:6020	ug/L	4	4	100	0.16	0.205	0.3	0	0	-	-	0	0	0	0	-	-	1	-	-	-
Vanadium	EPA:200.7	ug/L	3	2	67	3.7	3.985	4.27	1	33	-	-	0	0	0	0	100	IrF	1	-	-	-
Vanadium	SW-846:6010B	ug/L	4	4	100	4.6	6.675	10.4	0	0	-	-	0	0	0	0	100	IrF	1	-	-	-
Zinc	EPA:200.7	ug/L	2	0	0	0.88	1.2	1.52	2	100	-	-	0	0	0	0	117.2	AqAcF	1	-	-	-
Zinc	SW-846:6010B	ug/L	4	0	0	2	3.3	7.2	4	100	-	-	0	0	0	0	117.2	AqAcF	1	-	-	-
Ancho, Metals, UF, Ephemeral																						
Aluminum	SW-846:6010B	ug/L	4	1	25	112	112	112	3	75	-	-	0	0	0	0	-	-	1	-	-	-
Antimony	SW-846:6020	ug/L	4	0	0	0.5	0.5125	0.55	4	100	-	-	0	0	0	0	-	-	1	-	-	-
Arsenic	SW-846:6010B	ug/L	3	0	0	6	6	6	3	100	-	-	0	0	0	0	-	-	1	-	-	-
Arsenic	SW-846:6020	ug/L	1	0	0	3.8	3.8	3.8	1	100	-	-	0	0	0	0	-	-	1	-	-	-
Barium	SW-846:6010B	ug/L	4	4	100	29.4	29.975	31	0	0	-	-	0	0	0	0	-	-	1	-	-	-
Beryllium	SW-846:6010B	ug/L	4	0	0	1	1	1	4	100	-	-	0	0	0	0	-	-	1	-	-	-
Boron	SW-846:6010B	ug/L	4	4	100	10	11.75	15.3	0	0	-	-	0	0	0	0	-	-	1	-	-	-
Cadmium	SW-846:6020	ug/L	4	0	0	0.1	0.1025	0.11	4	100	-	-	0	0	0	0	-	-	1	-	-	-
Chromium	SW-846:6010B	ug/L	2	1	50	1.4	1.4	1.4	1	50	-	-	0	0	0	0	-	-	1	-	-	-
Chromium	SW-846:6020	ug/L	2	0	0	1	1	1	2	100	-	-	0	0	0	0	-	-	1	-	-	-

Table B-6
Screening Table for Frijoles, Ancho, and Chaquehui Watersheds

Analyte	Method	Units	No. of Analyses	No. of Detects	D Rate %	Min	Mean	Max	No. of Non-detects	ND Rate %	BV	D> BV	ND> Std	D> Std	D> Std/2	D>Std/2 Rate %	Level	Std Type	Locations with Data (number)	D>Std (number of locations)	D>Std/2 (number of locations)	D>Std Stations
Cobalt	SW-846:6010B	ug/L	4	0	0	*1*	*1*	*1*	4	100	-	-	0	0	0	0	-	-	1	-	-	-
Copper	SW-846:6010B	ug/L	2	0	0	*3*	*3*	*3*	2	100	-	-	0	0	0	0	-	-	1	-	-	-
Iron	SW-846:6010B	ug/L	4	4	100	46.1	57.025	83.4	0	0	-	-	0	0	0	0	-	-	1	-	-	-
Lead	SW-846:6020	ug/L	4	0	0	*0.5*	*0.5*	*0.5*	4	100	-	-	0	0	0	0	-	-	1	-	-	-
Manganese	SW-846:6010B	ug/L	4	1	25	2.3	2.3	2.3	3	75	-	-	0	0	0	0	-	-	1	-	-	-
Mercury	EPA:245.1	ug/L	3	0	0	*0.0472*	*0.0472*	*0.0472*	3	100	-	-	0	0	0	0	10	WHU	1	-	-	-
Mercury	EPA:245.2	ug/L	4	0	0	*0.03*	*0.0475*	*0.06*	4	100	-	-	0	0	0	0	10	WHU	1	-	-	-
Molybdenum	SW-846:6010B	ug/L	4	0	0	*2*	*2.425*	*3.7*	4	100	-	-	0	0	0	0	-	-	1	-	-	-
Nickel	SW-846:6020	ug/L	4	1	25	0.97	0.97	0.97	3	75	-	-	0	0	0	0	-	-	1	-	-	-
Selenium	EPA:200.7	ug/L	3	0	0	*2.29*	*2.29*	*2.29*	3	100	-	-	0	0	0	0	20	AqAcU	1	-	-	-
Selenium	SW-846:6020	ug/L	4	0	0	*1*	*2.125*	*2.5*	4	100	-	-	0	0	0	0	20	AqAcU	1	-	-	-
Silver	SW-846:6020	ug/L	4	0	0	*0.2*	*0.2*	*0.2*	4	100	-	-	0	0	0	0	-	-	1	-	-	-
Strontium	SW-846:6010B	ug/L	4	4	100	59.3	61.725	65.2	0	0	-	-	0	0	0	0	-	-	1	-	-	-
Thallium	SW-846:6020	ug/L	4	0	0	*0.3*	*0.375*	*0.4*	4	100	-	-	0	0	0	0	-	-	1	-	-	-
Tin	SW-846:6010B	ug/L	4	0	0	*2.5*	*2.5*	*2.5*	4	100	-	-	0	0	0	0	-	-	1	-	-	-
Uranium	SW-846:6020	ug/L	4	4	100	0.16	0.1975	0.29	0	0	-	-	0	0	0	0	-	-	1	-	-	-
Vanadium	SW-846:6010B	ug/L	4	4	100	4.3	5.75	7.7	0	0	-	-	0	0	0	0	-	-	1	-	-	-
Zinc	SW-846:6010B	ug/L	4	0	0	*2*	*2.675*	*4.3*	4	100	-	-	0	0	0	0	-	-	1	-	-	-
Ancho, Metals, F, Perennial																						
Aluminum	EPA:200.7	ug/L	8	5	63	52.5	181.1	352	3	38	-	-	3	4	5	63	87	AqChrF	2	2	2	Frijoles at Rio Grande, Rio de los Frijoles at Bandelier
Aluminum	SW-846:6010B	ug/L	6	3	50	75.5	109.1667	146	3	50	-	-	0	2	3	50	87	AqChrF	2	2	2	Frijoles at Rio Grande, Rio de los Frijoles at Bandelier
Antimony	EPA:200.8	ug/L	7	0	0	*0.2*	*0.2*	*0.2*	7	100	-	-	0	0	0	0	640	HHPF	2	-	-	-
Antimony	SW-846:6020	ug/L	6	0	0	*0.5*	*0.5*	*0.5*	6	100	-	-	0	0	0	0	640	HHPF	2	-	-	-
Arsenic	EPA:200.7	ug/L	8	0	0	*1.67*	*1.67125*	*1.68*	8	100	-	-	0	0	0	0	9	HHPF	2	-	-	-
Arsenic	SW-846:6010B	ug/L	5	0	0	*6*	*6*	*6*	5	100	-	-	0	0	0	0	9	HHPF	2	-	-	-
Arsenic	SW-846:6020	ug/L	1	0	0	*4.1*	*4.1*	*4.1*	1	100	-	-	0	0	0	0	9	HHPF	1	-	-	-
Barium	EPA:200.7	ug/L	8	7	88	12.4	15.05714	19.2	1	13	-	-	0	0	0	0	-	-	2	-	-	-
Barium	SW-846:6010B	ug/L	6	6	100	16.4	17.91667	20.4	0	0	-	-	0	0	0	0	-	-	2	-	-	-
Beryllium	EPA:200.7	ug/L	7	0	0	*0.172*	*0.172*	*0.172*	7	100	-	-	0	0	0	0	-	-	2	-	-	-
Beryllium	SW-846:6010B	ug/L	6	0	0	*1*	*1*	*1*	6	100	-	-	0	0	0	0	-	-	2	-	-	-
Boron	EPA:200.7	ug/L	8	4	50	11.3	13.925	16.6	4	50	-	-	0	0	0	0	750	IrF	2	-	-	-
Boron	SW-846:6010B	ug/L	6	2	33	10.2	10.65	11.1	4	67	-	-	0	0	0	0	750	IrF	2	-	-	-
Cadmium	EPA:200.8	ug/L	8	0	0	*0.07*	*0.08338*	*0.177*	8	100	-	-	0	0	0	0	0.2	AqChrF	2	-	-	-
Cadmium	SW-846:6020	ug/L	6	0	0	*0.1*	*0.10167*	*0.11*	6	100	-	-	0	0	0	0	0.2	AqChrF	2	-	-	-
Chromium	EPA:200.7	ug/L	8	0	0	*1.43*	*1.43*	*1.43*	8	100	-	-	0	0	0	0	74.1	AqChrF	2	-	-	-
Chromium	SW-846:6010B	ug/L	3	0	0	*1*	*1.13333*	*1.4*	3	100	-	-	0	0	0	0	74.1	AqChrF	2	-	-	-
Chromium	SW-846:6020	ug/L	3	0	0	*1*	*1*	*1*	3	100	-	-	0	0	0	0	74.1	AqChrF	2	-	-	-
Cobalt	EPA:200.7	ug/L	8	1	13	1.91	1.91	1.91	7	88	-	-	0	0	0	0	50	IrF	2	-	-	-
Cobalt	SW-846:6010B	ug/L	6	0	0	*1*	*1*	*1*	6	100	-	-	0	0	0	0	50	IrF	2	-	-	-
Copper	EPA:200.7	ug/L	8	0	0	*1.8*	*2.175*	*3.82*	8	100	-	-	0	0	0	0	9	AqChrF	2	-	-	-
Copper	SW-846:6010B	ug/L	3	0	0	*3*	*3.2*	*3.6*	3	100	-	-	0	0	0	0	9	AqChrF	2	-	-	-
Iron	EPA:200.7	ug/L	8	8	100	42	145.125	245	0	0	-	-	0	0	0	0	-	-	2	-	-	-
Iron	SW-846:6010B	ug/L	6	6	100	96.8	153.1333	223	0	0	-	-	0	0	0	0	-	-	2	-	-	-
Lead	EPA:200.8	ug/L	8	7	88	0.053	0.150143	0.233	1	13	-	-	0	0	0	0	2.5	AqChrF	2	-	-	-
Lead	SW-846:6020	ug/L	6	0	0	*0.5*	*0.5*	*0.5*	6	100	-	-	0	0	0	0	2.5	AqChrF	2	-	-	-
Manganese	EPA:200.7	ug/L	8	6	75	3.1	7.03	12.4	2	25	-	-	0	0	0	0	-	-	2	-	-	-
Manganese	SW-846:6010B	ug/L	6	5	83	7.2	8.16	11	1	17	-	-	0	0	0	0	-	-	2	-	-	-
Mercury	EPA:245.1	ug/L	8	0	0	*0.047*	*0.04718*	*0.0472*	8	100	-	-	0	0	0	0	0.77	AqChrF	2	-	-	-
Mercury	EPA:245.2	ug/L	6	0	0	*0.03*	*0.0545*	*0.064*	6	100	-	-	0	0	0	0	0.77	AqChrF	2	-	-	-
Molybdenum	EPA:200.7	ug/L	8	2	25	1.05	1.505	1.96	6	75	-	-	0	0	0	0	1000	IrF	2	-	-	-
Molybdenum	SW-846:6010B	ug/L	6	1	17	2.3	2.3	2.3	5	83	-	-	0	0	0	0	1000	IrF	2	-	-	-
Nickel	EPA:200.7	ug/L	8	0	0	*3.6*	*3.6*	*3.6*	8	100	-	-	0	0	0	0	52	AqChrF	2	-	-	-
Nickel	SW-846:6020	ug/L	6	3	50	0.64	0.78	0.88	3	50	-	-	0	0	0	0	52	AqChrF	2	-	-	-
Selenium	SW-846:6020	ug/L	6	0	0	*1*	*2.25*	*2.5*	6	100	-	-	0	0	0	0	50	LWF	2	-	-	-

Table B-6
Screening Table for Frijoles, Ancho, and Chaquehui Watersheds

Analyte	Method	Units	No. of Analyses	No. of Detects	D Rate %	Min	Mean	Max	No. of Non-detects	ND Rate %	BV	D> BV	ND> Std	D> Std	D> Std/2	D>Std/2 Rate %	Level	Std Type	Locations with Data (number)	D>Std (number of locations)	D>Std/2 (number of locations)	D>Std Stations
Silver	EPA:200.7	ug/L	8	0	0	0.819	0.819	0.819	8	100	-	-	0	0	0	0	3.2	AqAcF	2	-	-	-
Silver	SW-846:6020	ug/L	6	0	0	0.2	0.2	0.2	6	100	-	-	0	0	0	0	3.2	AqAcF	2	-	-	-
Strontium	EPA:200.7	ug/L	8	7	88	48.4	54.37143	66.7	1	13	-	-	0	0	0	0	-	-	2	-	-	-
Strontium	SW-846:6010B	ug/L	6	6	100	58.7	64.56667	73.5	0	0	-	-	0	0	0	0	-	-	2	-	-	-
Thallium	EPA:200.8	ug/L	8	2	25	0.033	0.0635	0.094	6	75	-	-	0	0	0	0	6.3	HHPF	2	-	-	-
Thallium	SW-846:6020	ug/L	6	0	0	0.3	0.38333	0.4	6	100	-	-	0	0	0	0	6.3	HHPF	2	-	-	-
Tin	EPA:200.7	ug/L	8	0	0	1.55	1.55	1.55	8	100	-	-	0	0	0	0	-	-	2	-	-	-
Tin	SW-846:6010B	ug/L	6	1	17	2.5	2.5	2.5	5	83	-	-	0	0	0	0	-	-	2	-	-	-
Uranium	SW-846:6020	ug/L	6	5	83	0.057	0.0882	0.17	1	17	-	-	0	0	0	0	-	-	2	-	-	-
Vanadium	EPA:200.7	ug/L	8	6	75	3.12	4.178333	6.39	2	25	-	-	0	0	0	0	100	IrF	2	-	-	-
Vanadium	SW-846:6010B	ug/L	6	4	67	2.6	2.95	3.4	2	33	-	-	0	0	0	0	100	IrF	2	-	-	-
Zinc	EPA:200.7	ug/L	7	2	29	3.7	7.35	11	5	71	-	-	0	0	0	0	117.2	AqAcF	2	-	-	-
Zinc	SW-846:6010B	ug/L	6	0	0	2	2.73333	4.1	6	100	-	-	0	0	0	0	117.2	AqAcF	2	-	-	-
Ancho, Metals, UF, Perennial																						
Aluminum	SW-846:6010B	ug/L	6	6	100	387	938.6667	2520	0	0	-	-	0	0	0	0	-	-	2	-	-	-
Antimony	SW-846:6020	ug/L	6	0	0	0.5	0.5	0.5	6	100	-	-	0	0	0	0	-	-	2	-	-	-
Arsenic	SW-846:6010B	ug/L	5	0	0	6	6	6	5	100	-	-	0	0	0	0	-	-	2	-	-	-
Arsenic	SW-846:6020	ug/L	1	0	0	3.6	3.6	3.6	1	100	-	-	0	0	0	0	-	-	1	-	-	-
Barium	SW-846:6010B	ug/L	6	6	100	20.2	27.63333	54.4	0	0	-	-	0	0	0	0	-	-	2	-	-	-
Beryllium	SW-846:6010B	ug/L	6	0	0	1	1	1	6	100	-	-	0	0	0	0	-	-	2	-	-	-
Boron	SW-846:6010B	ug/L	6	3	50	10	11.43333	13.6	3	50	-	-	0	0	0	0	-	-	2	-	-	-
Cadmium	SW-846:6020	ug/L	6	0	0	0.1	0.10167	0.11	6	100	-	-	0	0	0	0	-	-	2	-	-	-
Chromium	SW-846:6010B	ug/L	3	0	0	1	1.53333	2.4	3	100	-	-	0	0	0	0	-	-	2	-	-	-
Chromium	SW-846:6020	ug/L	3	0	0	1	1	1	3	100	-	-	0	0	0	0	-	-	2	-	-	-
Cobalt	SW-846:6010B	ug/L	6	0	0	1	1	1	6	100	-	-	0	0	0	0	-	-	2	-	-	-
Copper	SW-846:6010B	ug/L	4	1	25	3.2	3.2	3.2	3	75	-	-	0	0	0	0	-	-	2	-	-	-
Iron	SW-846:6010B	ug/L	6	6	100	334	735.6667	1770	0	0	-	-	0	0	0	0	-	-	2	-	-	-
Lead	SW-846:6020	ug/L	6	1	17	0.96	0.96	0.96	5	83	-	-	0	0	0	0	-	-	2	-	-	-
Manganese	SW-846:6010B	ug/L	6	6	100	17.8	46.7	85.7	0	0	-	-	0	0	0	0	-	-	2	-	-	-
Mercury	EPA:245.1	ug/L	8	0	0	0.047	0.04718	0.0472	8	100	-	-	0	0	0	0	10	WHU	2	-	-	-
Mercury	EPA:245.2	ug/L	6	0	0	0.03	0.05383	0.062	6	100	-	-	0	0	0	0	10	WHU	2	-	-	-
Molybdenum	SW-846:6010B	ug/L	6	2	33	2	2.15	2.3	4	67	-	-	0	0	0	0	-	-	2	-	-	-
Nickel	SW-846:6020	ug/L	6	5	83	0.58	1.078	2	1	17	-	-	0	0	0	0	-	-	2	-	-	-
Selenium	EPA:200.7	ug/L	8	0	0	2.29	2.75125	4.27	8	100	-	-	0	0	0	0	20	AqAcU	2	-	-	-
Selenium	SW-846:6020	ug/L	6	0	0	1	2.25	2.5	6	100	-	-	0	0	0	0	20	AqAcU	2	-	-	-
Silver	SW-846:6020	ug/L	6	0	0	0.2	0.2	0.2	6	100	-	-	0	0	0	0	-	-	2	-	-	-
Strontium	SW-846:6010B	ug/L	6	6	100	60.5	72.51667	115	0	0	-	-	0	0	0	0	-	-	2	-	-	-
Thallium	SW-846:6020	ug/L	6	0	0	0.3	0.38333	0.4	6	100	-	-	0	0	0	0	-	-	2	-	-	-
Tin	SW-846:6010B	ug/L	6	0	0	2.5	2.5	2.5	6	100	-	-	0	0	0	0	-	-	2	-	-	-
Uranium	SW-846:6020	ug/L	6	5	83	0.11	0.23	0.58	1	17	-	-	0	0	0	0	-	-	2	-	-	-
Vanadium	SW-846:6010B	ug/L	6	4	67	3.1	3.925	4.8	2	33	-	-	0	0	0	0	-	-	2	-	-	-
Zinc	SW-846:6010B	ug/L	6	0	0	2	4.76667	8.6	6	100	-	-	0	0	0	0	-	-	2	-	-	-
Ancho, Metals, F, Regional																						
Aluminum	SW-846:6010B	ug/L	28	0	0	68	68	68	28	100	73.5	-	0	0	0	0	5000	NMGSF	4	-	-	-
Antimony	SW-846:6020	ug/L	29	0	0	0.28	0.51103	0.89	29	100	1	-	0	0	0	0	6	MCL	4	-	-	-
Arsenic	SW-846:6010B	ug/L	9	1	11	2.61	2.61	2.61	8	89	12	-	0	0	0	0	10	MCL	4	-	-	-
Arsenic	SW-846:6020	ug/L	20	3	15	3.8	4.3	4.6	17	85	12	-	0	0	0	0	10	MCL	4	-	-	-
Barium	SW-846:6010B	ug/L	29	29	100	6.3	62.23793	322	0	0	56.83	1	0	0	0	0	1000	NMGSF	4	-	-	-
Beryllium	SW-846:6010B	ug/L	28	0	0	1	1	1	28	100	0.5	-	0	0	0	0	4	MCL	4	-	-	-
Beryllium	SW-846:6020	ug/L	1	0	0	0.08	0.08	0.08	1	100	0.5	-	0	0	0	0	4	MCL	1	-	-	-
Boron	SW-846:6010B	ug/L	29	24	83	10.2	16.2	37.4	5	17	38.77	-	0	0	0	0	750	NMGSF	4	-	-	-
Cadmium	SW-846:6020	ug/L	29	0	0	0.04	0.09966	0.11	29	100	0.5	-	0	0	0	0	5	MCL	4	-	-	-
Chromium	SW-846:6010B	ug/L	8	6	75	1.1	1.933333	2.4	2	25	5.75	-	0	0	0	0	50	NMGSF	4	-	-	-
Chromium	SW-846:6020	ug/L	21	14	67	1.2	2.857143	4.2	7	33	5.75	-	0	0	0	0	50	NMGSF	4	-	-	-
Cobalt	SW-846:6010B	ug/L	29	4	14	0.574	2.4685	4.2	25	86	7	-	0	0	0	0	50	NMGSF	4	-	-	-
Copper	SW-846:6010B	ug/L	18	0	0	3	3	3	18	100	5	-	0	0	0	0	1000	NMGSF	4	-	-	-
Iron	SW-846:6010B	ug/L	29	15	52	18.5	868.1867	4170	14	48	147	1	0	4	7	24	1000	NMGSF	4	1	1	R-31
Lead	SW-846:6020	ug/L	29	3	10	0.125	1.165	2.6	26	90	2.9	-	0	0	0	0	15	MCL	4	-	-	-
Manganese	SW-846:6010B	ug/L	28	16	57	2.1	341.2125	1610	12	43	124	1	0	6	6	21	200	NMGSF	4	1	1	R-31

Table B-6
Screening Table for Frijoles, Ancho, and Chaquehui Watersheds

Analyte	Method	Units	No. of Analyses	No. of Detects	D Rate %	Min	Mean	Max	No. of Non-detects	ND Rate %	BV	D> BV	ND> Std	D> Std	D> Std/2	D>Std/2 Rate %	Level	Std Type	Locations with Data (number)	D>Std (number of locations)	D>Std/2 (number of locations)	D>Std Stations
Manganese	SW-846:6020	ug/L	1	1	100	1760	1760	1760	0	0	124	1	0	1	1	100	200	NMGSF	1	1	1	R-31
Mercury	EPA:245.1	ug/L	1	0	0	*0.0472*	*0.0472*	*0.0472*	1	100	0.26	-	0	0	0	0	2	MCL	1	-	-	-
Mercury	EPA:245.2	ug/L	28	0	0	*0.03*	*0.05214*	*0.06*	28	100	0.26	-	0	0	0	0	2	MCL	4	-	-	-
Molybdenum	SW-846:6010B	ug/L	28	8	29	2.2	21.575	54.2	20	71	4.4	1	0	0	0	0	1000	NMGSF	4	-	-	-
Molybdenum	SW-846:6020	ug/L	1	1	100	52.8	52.8	52.8	0	0	4.4	1	0	0	0	0	1000	NMGSF	1	-	-	-
Nickel	SW-846:6010B	ug/L	1	1	100	6.39	6.39	6.39	0	0	50	-	0	0	0	0	100	MCL	1	-	-	-
Nickel	SW-846:6020	ug/L	28	20	71	0.55	2.221	9.8	8	29	50	-	0	0	0	0	100	MCL	4	-	-	-
Selenium	SW-846:6010B	ug/L	1	0	0	*2.81*	*2.81*	*2.81*	1	100	3.93	-	0	0	0	0	50	NMGSF	1	-	-	-
Selenium	SW-846:6020	ug/L	28	0	0	*1*	*2.23214*	*2.5*	28	100	3.93	-	0	0	0	0	50	NMGSF	4	-	-	-
Silver	SW-846:6010B	ug/L	1	0	0	*0.835*	*0.835*	*0.835*	1	100	2.5	-	0	0	0	0	50	NMGSF	1	-	-	-
Silver	SW-846:6020	ug/L	28	0	0	*0.2*	*0.2*	*0.2*	28	100	2.5	-	0	0	0	0	50	NMGSF	4	-	-	-
Strontium	SW-846:6010B	ug/L	29	29	100	44.6	83.68621	310	0	0	540	-	0	0	0	0	21900	Reg6	4	-	-	-
Thallium	SW-846:6020	ug/L	29	3	10	0.42	0.47	0.57	26	90	0.83	-	0	0	0	0	2	MCL	4	-	-	-
Tin	SW-846:6010B	ug/L	28	0	0	*2.5*	*2.55*	*3.9*	28	100	3.6	-	0	0	0	0	21900	Reg6	4	-	-	-
Uranium	SW-846:6020	ug/L	29	22	76	0.1	0.485	1.1	7	24	1.9	-	0	0	0	0	30	NMGSF	4	-	-	-
Vanadium	SW-846:6010B	ug/L	29	20	69	3.6	6.07	8.9	9	31	13.41	-	0	0	0	0	182.5	Reg6	4	-	-	-
Zinc	SW-846:6010B	ug/L	29	22	76	2.53	107.8832	489	7	24	32	4	0	0	0	0	10000	NMGSF	4	-	-	-
Ancho, Metals, UF, Regional																						
Aluminum	SW-846:6010B	ug/L	36	5	14	39	69.76	115	31	86	-	-	0	0	0	0	36500	Reg6	4	-	-	-
Antimony	SW-846:6020	ug/L	39	0	0	*0.111*	*0.42062*	*0.5*	39	100	-	-	0	0	0	0	6	MCL	4	-	-	-
Arsenic	SW-846:6010B	ug/L	19	0	0	*2.2*	*4.30737*	*6*	19	100	-	-	0	0	0	0	10	MCL	4	-	-	-
Arsenic	SW-846:6020	ug/L	20	6	30	1.6	2.433333	3.7	14	70	-	-	0	0	0	0	10	MCL	4	-	-	-
Barium	SW-846:6010B	ug/L	39	38	97	7	52.42868	326	1	3	-	-	0	0	0	0	2000	MCL	4	-	-	-
Beryllium	SW-846:6010B	ug/L	37	0	0	*0.158*	*0.80116*	*1*	37	100	-	-	0	0	0	0	4	MCL	4	-	-	-
Beryllium	SW-846:6020	ug/L	1	0	0	*0.08*	*0.08*	*0.08*	1	100	-	-	0	0	0	0	4	MCL	1	-	-	-
Boron	SW-846:6010B	ug/L	39	34	87	8.92	15.25647	41.3	5	13	-	-	0	0	0	0	7300	Reg6	4	-	-	-
Cadmium	SW-846:6020	ug/L	39	1	3	0.095	0.095	0.095	38	97	-	-	0	0	0	0	5	MCL	4	-	-	-
Chromium	SW-846:6010B	ug/L	18	15	83	0.851	3.180733	9.42	3	17	-	-	0	0	0	0	100	MCL	4	-	-	-
Chromium	SW-846:6020	ug/L	21	14	67	1.4	4	20	7	33	-	-	0	0	0	0	100	MCL	4	-	-	-
Cobalt	SW-846:6010B	ug/L	39	6	15	0.868	2.736333	4.31	33	85	-	-	0	0	0	0	730	Reg6	4	-	-	-
Copper	SW-846:6010B	ug/L	26	3	12	2.86	8.053333	14.5	23	88	-	-	0	0	0	0	1300	MCL	4	-	-	-
Iron	SW-846:6010B	ug/L	39	30	77	22.3	792.8733	5190	9	23	-	-	0	0	0	0	25550	Reg6	4	-	-	-
Lead	SW-846:6020	ug/L	39	22	56	0.101	1.264045	8.5	17	44	-	-	0	0	1	3	15	Reg6	4	-	1	-
Manganese	SW-846:6010B	ug/L	38	31	82	3	193.3532	1640	7	18	-	-	0	0	3	8	1703.09	Reg6	4	-	1	-
Manganese	SW-846:6020	ug/L	1	1	100	1820	1820	1820	0	0	-	-	0	1	1	100	1703.09	Reg6	1	1	1	R-31
Mercury	EPA:245.1	ug/L	9	0	0	*0.047*	*0.05287*	*0.073*	9	100	0.24	-	0	0	0	0	2	NMGSU	4	-	-	-
Mercury	EPA:245.2	ug/L	28	0	0	*0.03*	*0.05214*	*0.06*	28	100	0.24	-	0	0	0	0	2	NMGSU	4	-	-	-
Molybdenum	SW-846:6010B	ug/L	38	9	24	0.944	19.31056	54.3	29	76	-	-	0	0	0	0	182.5	Reg6	4	-	-	-
Molybdenum	SW-846:6020	ug/L	1	1	100	56.4	56.4	56.4	0	0	-	-	0	0	0	0	182.5	Reg6	1	-	-	-
Nickel	SW-846:6010B	ug/L	11	4	36	1	3.865	7.15	7	64	-	-	0	0	0	0	100	MCL	4	-	-	-
Nickel	SW-846:6020	ug/L	28	21	75	0.51	3.92381	11.4	7	25	-	-	0	0	0	0	100	MCL	4	-	-	-
Selenium	SW-846:6010B	ug/L	11	0	0	*2.8*	*3.11091*	*3.93*	11	100	4.99	-	0	0	0	0	50	MCL	4	-	-	-
Selenium	SW-846:6020	ug/L	28	0	0	*1*	*2.23214*	*2.5*	28	100	4.99	-	0	0	0	0	50	MCL	4	-	-	-
Silver	SW-846:6010B	ug/L	11	0	0	*0.197*	*0.62482*	*1.06*	11	100	2.5	-	0	0	0	0	182.5	Reg6	4	-	-	-
Silver	SW-846:6020	ug/L	28	0	0	*0.2*	*0.2*	*0.2*	28	100	2.5	-	0	0	0	0	182.5	Reg6	4	-	-	-
Strontium	SW-846:6010B	ug/L	39	38	97	43.9	76.07368	306	1	3	-	-	0	0	0	0	21900	Reg6	4	-	-	-
Thallium	SW-846:6020	ug/L	39	5	13	0.048	0.1414	0.275	34	87	-	-	0	0	0	0	2	MCL	4	-	-	-
Tin	SW-846:6010B	ug/L	38	0	0	*2.4*	*2.61263*	*3.3*	38	100	-	-	0	0	0	0	21900	Reg6	4	-	-	-
Uranium	SW-846:6020	ug/L	35	28	80	0.083	0.47075	1	7	20	-	-	0	0	0	0	30	MCL	4	-	-	-
Vanadium	SW-846:6010B	ug/L	39	28	72	3.8	6.057143	8.4	11	28	-	-	0	0	0	0	182.5	Reg6	4	-	-	-
Zinc	SW-846:6010B	ug/L	39	34	87	2	121.6406	753	5	13	-	-	0	0	0	0	10950	Reg6	4	-	-	-
Ancho, Herbicides, UF, Ephemeral																						
D[2,4-]	SW-846:8151A	ug/L	1	0	0	*0.266*	*0.266*	*0.266*	1	100	-	-	0	0	0	0	-	-	1	-	-	-
Dalapon	SW-846:8151A	ug/L	1	0	0	*5.32*	*5.32*	*5.32*	1	100	-	-	0	0	0	0	-	-	1	-	-	-
DB[2,4-]	SW-846:8151A	ug/L	1	0	0	*0.266*	*0.266*	*0.266*	1	100	-	-	0	0	0	0	-	-	1	-	-	-
Dicamba	SW-846:8151A	ug/L	1	0	0	*0.266*	*0.266*	*0.266*	1	100	-	-	0	0	0	0	-	-	1	-	-	-
Dichlorprop	SW-846:8151A	ug/L	1	0	0	*0.266*	*0.266*	*0.266*	1	100	-	-	0	0	0	0	-	-	1	-	-	-
Dinoseb	SW-846:8151A	ug/L	1	0	0	*0.266*	*0.266*	*0.266*	1	100	-	-	0	0	0	0	-	-	1	-	-	-
MCPA	SW-846:8151A	ug/L	1	0	0	*53.2*	*53.2*	*53.2*	1	100	-	-	0	0	0	0	-	-	1	-	-	-

Table B-6
Screening Table for Frijoles, Ancho, and Chaquehui Watersheds

Analyte	Method	Units	No. of Analyses	No. of Detects	D Rate %	Min	Mean	Max	No. of Non-detects	ND Rate %	BV	D> BV	ND> Std	D> Std	D> Std/2	D>Std/2 Rate %	Level	Std Type	Locations with Data (number)	D>Std (number of locations)	D>Std/2 (number of locations)	D>Std Stations
MCPP	SW-846:8151A	ug/L	1	0	0	*53.2*	*53.2*	*53.2*	1	100	-	-	0	0	0	0	-	-	1	-	-	-
T[2,4,5-]	SW-846:8151A	ug/L	1	0	0	*0.266*	*0.266*	*0.266*	1	100	-	-	0	0	0	0	-	-	1	-	-	-
TP[2,4,5-]	SW-846:8151A	ug/L	1	0	0	*0.266*	*0.266*	*0.266*	1	100	-	-	0	0	0	0	-	-	1	-	-	-
Ancho, Herbicides, UF, Perennial																						
D[2,4-]	SW-846:8151A	ug/L	1	0	0	*0.26*	*0.26*	*0.26*	1	100	-	-	0	0	0	0	-	-	1	-	-	-
Dalapon	SW-846:8151A	ug/L	1	0	0	*5.21*	*5.21*	*5.21*	1	100	-	-	0	0	0	0	-	-	1	-	-	-
DB[2,4-]	SW-846:8151A	ug/L	1	0	0	*0.26*	*0.26*	*0.26*	1	100	-	-	0	0	0	0	-	-	1	-	-	-
Dicamba	SW-846:8151A	ug/L	1	0	0	*0.26*	*0.26*	*0.26*	1	100	-	-	0	0	0	0	-	-	1	-	-	-
Dichlorprop	SW-846:8151A	ug/L	1	0	0	*0.26*	*0.26*	*0.26*	1	100	-	-	0	0	0	0	-	-	1	-	-	-
Dinoseb	SW-846:8151A	ug/L	1	0	0	*0.26*	*0.26*	*0.26*	1	100	-	-	0	0	0	0	-	-	1	-	-	-
MCPA	SW-846:8151A	ug/L	1	0	0	*52.1*	*52.1*	*52.1*	1	100	-	-	0	0	0	0	-	-	1	-	-	-
MCPP	SW-846:8151A	ug/L	1	0	0	*52.1*	*52.1*	*52.1*	1	100	-	-	0	0	0	0	-	-	1	-	-	-
T[2,4,5-]	SW-846:8151A	ug/L	1	0	0	*0.26*	*0.26*	*0.26*	1	100	-	-	0	0	0	0	-	-	1	-	-	-
TP[2,4,5-]	SW-846:8151A	ug/L	1	0	0	*0.26*	*0.26*	*0.26*	1	100	-	-	0	0	0	0	-	-	1	-	-	-
Ancho, Herbicides, UF, Regional																						
D[2,4-]	SW-846:8151A	ug/L	16	0	0	*0.25*	*0.2655*	*0.313*	16	100	-	-	0	0	0	0	70	MCL	4	-	-	-
Dalapon	SW-846:8151A	ug/L	16	0	0	*5*	*5.31*	*6.25*	16	100	-	-	0	0	0	0	200	MCL	4	-	-	-
DB[2,4-]	SW-846:8151A	ug/L	16	0	0	*0.25*	*0.2655*	*0.313*	16	100	-	-	0	0	0	0	292	Reg6	4	-	-	-
Dicamba	SW-846:8151A	ug/L	16	0	0	*0.25*	*0.2655*	*0.313*	16	100	-	-	0	0	0	0	1095	Reg6	4	-	-	-
Dichlorprop	SW-846:8151A	ug/L	16	0	0	*0.25*	*0.2655*	*0.313*	16	100	-	-	0	0	0	0	-	-	4	-	-	-
Dinoseb	SW-846:8151A	ug/L	16	0	0	*0.25*	*0.2655*	*0.313*	16	100	-	-	0	0	0	0	7	MCL	4	-	-	-
MCPA	SW-846:8151A	ug/L	15	0	0	*50*	*53.1667*	*62.5*	15	100	-	-	15	0	0	0	18.25	Reg6	4	-	-	-
MCPP	SW-846:8151A	ug/L	14	0	0	*50*	*53.0857*	*62.5*	14	100	-	-	14	0	0	0	36.5	Reg6	4	-	-	-
T[2,4,5-]	SW-846:8151A	ug/L	16	0	0	*0.25*	*0.2655*	*0.313*	16	100	-	-	0	0	0	0	365	Reg6	4	-	-	-
TP[2,4,5-]	SW-846:8151A	ug/L	16	0	0	*0.25*	*0.2655*	*0.313*	16	100	-	-	0	0	0	0	50	MCL	4	-	-	-
Ancho, High Explosives, UF, Ephemeral																						
2,4-Diamino-6-nitrotoluene	SW-846:8321A_MOD	ug/L	3	0	0	*1.3*	*1.3*	*1.3*	3	100	-	-	0	0	0	0	-	-	1	-	-	-
2,6-Diamino-4-nitrotoluene	SW-846:8321A_MOD	ug/L	3	0	0	*1.3*	*1.3*	*1.3*	3	100	-	-	0	0	0	0	-	-	1	-	-	-
3,5-Dinitroaniline	SW-846:8321A_MOD	ug/L	3	0	0	*1.3*	*1.3*	*1.3*	3	100	-	-	0	0	0	0	-	-	1	-	-	-
Amino-2,6-dinitrotoluene[4-]	SW-846:8321A_MOD	ug/L	3	0	0	*0.325*	*0.325*	*0.325*	3	100	-	-	0	0	0	0	-	-	1	-	-	-
Amino-2,6-dinitrotoluene[4-]	SW-846:8330	ug/L	3	0	0	*0.1*	*0.22667*	*0.48*	3	100	-	-	0	0	0	0	-	-	1	-	-	-
Amino-4,6-dinitrotoluene[2-]	SW-846:8321A_MOD	ug/L	3	0	0	*0.325*	*0.325*	*0.325*	3	100	-	-	0	0	0	0	-	-	1	-	-	-
Amino-4,6-dinitrotoluene[2-]	SW-846:8330	ug/L	3	0	0	*0.1*	*0.39*	*0.97*	3	100	-	-	0	0	0	0	-	-	1	-	-	-
Dinitrobenzene[1,3-]	SW-846:8321A_MOD	ug/L	3	0	0	*0.325*	*0.325*	*0.325*	3	100	-	-	0	0	0	0	-	-	1	-	-	-
Dinitrobenzene[1,3-]	SW-846:8330	ug/L	3	0	0	*0.1*	*0.39*	*0.97*	3	100	-	-	0	0	0	0	-	-	1	-	-	-
Dinitrotoluene[2,4-]	SW-846:8321A_MOD	ug/L	3	0	0	*0.325*	*0.325*	*0.325*	3	100	-	-	0	0	0	0	-	-	1	-	-	-
Dinitrotoluene[2,4-]	SW-846:8330	ug/L	3	0	0	*0.1*	*0.39*	*0.97*	3	100	-	-	0	0	0	0	-	-	1	-	-	-
Dinitrotoluene[2,6-]	SW-846:8321A_MOD	ug/L	3	0	0	*0.325*	*0.325*	*0.325*	3	100	-	-	0	0	0	0	-	-	1	-	-	-
Dinitrotoluene[2,6-]	SW-846:8330	ug/L	3	0	0	*0.1*	*0.24667*	*0.54*	3	100	-	-	0	0	0	0	-	-	1	-	-	-
DNX	SW-846:8330	ug/L	2	0	0	*0.069*	*0.2845*	*0.5*	2	100	-	-	0	0	0	0	-	-	1	-	-	-
HMX	SW-846:8321A_MOD	ug/L	3	0	0	*0.325*	*0.325*	*0.325*	3	100	-	-	0	0	0	0	-	-	1	-	-	-
HMX	SW-846:8330	ug/L	3	0	0	*0.1*	*0.22667*	*0.48*	3	100	-	-	0	0	0	0	-	-	1	-	-	-
MNX	SW-846:8330	ug/L	2	0	0	*0.091*	*0.2955*	*0.5*	2	100	-	-	0	0	0	0	-	-	1	-	-	-
Nitrobenzene	SW-846:8321A_MOD	ug/L	3	0	0	*0.325*	*0.325*	*0.325*	3	100	-	-	0	0	0	0	-	-	1	-	-	-
Nitrobenzene	SW-846:8330	ug/L	3	0	0	*0.1*	*0.22667*	*0.48*	3	100	-	-	0	0	0	0	-	-	1	-	-	-
Nitrotoluene[2-]	SW-846:8321A_MOD	ug/L	3	0	0	*0.325*	*0.325*	*0.325*	3	100	-	-	0	0	0	0	-	-	1	-	-	-
Nitrotoluene[2-]	SW-846:8330	ug/L	3	0	0	*0.1*	*0.22667*	*0.48*	3	100	-	-	0	0	0	0	-	-	1	-	-	-
Nitrotoluene[3-]	SW-846:8321A_MOD	ug/L	3	0	0	*0.325*	*0.325*	*0.325*	3	100	-	-	0	0	0	0	-	-	1	-	-	-
Nitrotoluene[3-]	SW-846:8330	ug/L	3	0	0	*0.1*	*0.39*	*0.97*	3	100	-	-	0	0	0	0	-	-	1	-	-	-
Nitrotoluene[4-]	SW-846:8321A_MOD	ug/L	3	0	0	*0.649*	*0.649*	*0.649*	3	100	-	-	0	0	0	0	-	-	1	-	-	-
Nitrotoluene[4-]	SW-846:8330	ug/L	3	0	0	*0.1*	*0.39*	*0.97*	3	100	-	-	0	0	0	0	-	-	1	-	-	-
PETN	SW-846:8321A_MOD	ug/L	3	0	0	*1.3*	*1.3*	*1.3*	3	100	-	-	0	0	0	0	-	-	1	-	-	-
RDX	SW-846:8321A_MOD	ug/L	3	0	0	*0.325*	*0.325*	*0.325*	3	100	-	-	0	0	0	0	-	-	1	-	-	-
RDX	SW-846:8330	ug/L	3	0	0	*0.1*	*0.22667*	*0.48*	3	100	-	-	0	0	0	0	-	-	1	-	-	-
TATB	SW-846:8321A_MOD	ug/L	3	0	0	*1.3*	*1.3*	*1.3*	3	100	-	-	0	0	0	0	-	-	1	-	-	-
Tetryl	SW-846:8321A_MOD	ug/L	3	0	0	*0.649*	*0.649*	*0.649*	3	100	-	-	0	0	0	0	-	-	1	-	-	-
Tetryl	SW-846:8330	ug/L	3	0	0	*0.045*	*0.54833*	*1.5*	3	100	-	-	0	0	0	0	-	-	1	-	-	-
TNX	SW-846:8330	ug/L	2	0	0	*0.082*	*0.291*	*0.5*	2	100	-	-	0	0	0	0	-	-	1	-	-	-

Table B-6
Screening Table for Frijoles, Ancho, and Chaquehui Watersheds

Analyte	Method	Units	No. of Analyses	No. of Detects	D Rate %	Min	Mean	Max	No. of Non-detects	ND Rate %	BV	D> BV	ND> Std	D> Std	D> Std/2	D>Std/2 Rate %	Level	Std Type	Locations with Data (number)	D>Std (number of locations)	D>Std/2 (number of locations)	D>Std Stations
Trinitrobenzene[1,3,5-]	SW-846:8321A_MOD	ug/L	3	0	0	0.325	0.325	0.325	3	100	-	-	0	0	0	0	-	-	1	-	-	-
Trinitrobenzene[1,3,5-]	SW-846:8330	ug/L	3	0	0	0.1	0.39	0.97	3	100	-	-	0	0	0	0	-	-	1	-	-	-
Trinitrotoluene[2,4,6-]	SW-846:8321A_MOD	ug/L	3	0	0	0.325	0.325	0.325	3	100	-	-	0	0	0	0	-	-	1	-	-	-
Trinitrotoluene[2,4,6-]	SW-846:8330	ug/L	3	0	0	0.1	0.22667	0.48	3	100	-	-	0	0	0	0	-	-	1	-	-	-
Tris (o-cresyl) phosphate	SW-846:8321A_MOD	ug/L	3	0	0	1.3	1.3	1.3	3	100	-	-	0	0	0	0	-	-	1	-	-	-
Ancho, High Explosives, UF, Perennial																						
2,4-Diamino-6-nitrotoluene	SW-846:8321A_MOD	ug/L	5	0	0	1.3	1.3	1.3	5	100	-	-	0	0	0	0	-	-	2	-	-	-
2,6-Diamino-4-nitrotoluene	SW-846:8321A_MOD	ug/L	5	0	0	1.3	1.3	1.3	5	100	-	-	0	0	0	0	-	-	2	-	-	-
3,5-Dinitroaniline	SW-846:8321A_MOD	ug/L	5	0	0	1.3	1.3	1.3	5	100	-	-	0	0	0	0	-	-	2	-	-	-
Amino-2,6-dinitrotoluene[4-]	SW-846:8321A(M)	ug/L	1	0	0	0.727	0.727	0.727	1	100	-	-	0	0	0	0	-	-	1	-	-	-
Amino-2,6-dinitrotoluene[4-]	SW-846:8321A_MOD	ug/L	5	0	0	0.325	0.325	0.325	5	100	-	-	0	0	0	0	-	-	2	-	-	-
Amino-2,6-dinitrotoluene[4-]	SW-846:8330	ug/L	7	0	0	0.1	0.16286	0.48	7	100	-	-	0	0	0	0	-	-	2	-	-	-
Amino-4,6-dinitrotoluene[2-]	SW-846:8321A_MOD	ug/L	5	0	0	0.325	0.325	0.325	5	100	-	-	0	0	0	0	-	-	2	-	-	-
Amino-4,6-dinitrotoluene[2-]	SW-846:8330	ug/L	7	0	0	0.1	0.25571	0.97	7	100	-	-	0	0	0	0	-	-	2	-	-	-
Dinitrobenzene[1,3-]	SW-846:8321A(M)	ug/L	1	0	0	0.727	0.727	0.727	1	100	-	-	0	0	0	0	-	-	1	-	-	-
Dinitrobenzene[1,3-]	SW-846:8321A_MOD	ug/L	5	0	0	0.325	0.325	0.325	5	100	-	-	0	0	0	0	-	-	2	-	-	-
Dinitrobenzene[1,3-]	SW-846:8330	ug/L	7	0	0	0.1	0.25571	0.97	7	100	-	-	0	0	0	0	-	-	2	-	-	-
Dinitrotoluene[2,4-]	SW-846:8321A(M)	ug/L	1	0	0	0.727	0.727	0.727	1	100	-	-	0	0	0	0	-	-	1	-	-	-
Dinitrotoluene[2,4-]	SW-846:8321A_MOD	ug/L	5	0	0	0.325	0.325	0.325	5	100	-	-	0	0	0	0	-	-	2	-	-	-
Dinitrotoluene[2,4-]	SW-846:8330	ug/L	7	0	0	0.1	0.25571	0.97	7	100	-	-	0	0	0	0	-	-	2	-	-	-
Dinitrotoluene[2,6-]	SW-846:8321A(M)	ug/L	1	0	0	0.727	0.727	0.727	1	100	-	-	0	0	0	0	-	-	1	-	-	-
Dinitrotoluene[2,6-]	SW-846:8321A_MOD	ug/L	5	0	0	0.325	0.325	0.325	5	100	-	-	0	0	0	0	-	-	2	-	-	-
Dinitrotoluene[2,6-]	SW-846:8330	ug/L	7	0	0	0.1	0.17429	0.54	7	100	-	-	0	0	0	0	-	-	2	-	-	-
DNX	SW-846:8330	ug/L	2	0	0	0.069	0.069	0.069	2	100	-	-	0	0	0	0	-	-	2	-	-	-
HMX	SW-846:8321A(M)	ug/L	1	0	0	0.727	0.727	0.727	1	100	-	-	0	0	0	0	-	-	1	-	-	-
HMX	SW-846:8321A_MOD	ug/L	5	0	0	0.325	0.325	0.325	5	100	-	-	0	0	0	0	-	-	2	-	-	-
HMX	SW-846:8330	ug/L	7	0	0	0.1	0.16286	0.48	7	100	-	-	0	0	0	0	-	-	2	-	-	-
MNX	SW-846:8330	ug/L	2	0	0	0.091	0.091	0.091	2	100	-	-	0	0	0	0	-	-	2	-	-	-
Nitrobenzene	SW-846:8321A(M)	ug/L	1	0	0	0.727	0.727	0.727	1	100	-	-	0	0	0	0	-	-	1	-	-	-
Nitrobenzene	SW-846:8321A_MOD	ug/L	5	0	0	0.325	0.325	0.325	5	100	-	-	0	0	0	0	-	-	2	-	-	-
Nitrobenzene	SW-846:8330	ug/L	7	0	0	0.1	0.16286	0.48	7	100	-	-	0	0	0	0	-	-	2	-	-	-
Nitrotoluene[2-]	SW-846:8321A(M)	ug/L	1	0	0	0.727	0.727	0.727	1	100	-	-	0	0	0	0	-	-	1	-	-	-
Nitrotoluene[2-]	SW-846:8321A_MOD	ug/L	5	0	0	0.325	0.325	0.325	5	100	-	-	0	0	0	0	-	-	2	-	-	-
Nitrotoluene[2-]	SW-846:8330	ug/L	7	0	0	0.1	0.16286	0.48	7	100	-	-	0	0	0	0	-	-	2	-	-	-
Nitrotoluene[3-]	SW-846:8321A(M)	ug/L	1	0	0	0.727	0.727	0.727	1	100	-	-	0	0	0	0	-	-	1	-	-	-
Nitrotoluene[3-]	SW-846:8321A_MOD	ug/L	5	0	0	0.325	0.325	0.325	5	100	-	-	0	0	0	0	-	-	2	-	-	-
Nitrotoluene[3-]	SW-846:8330	ug/L	7	0	0	0.1	0.25571	0.97	7	100	-	-	0	0	0	0	-	-	2	-	-	-
Nitrotoluene[4-]	SW-846:8321A(M)	ug/L	1	0	0	0.727	0.727	0.727	1	100	-	-	0	0	0	0	-	-	1	-	-	-
Nitrotoluene[4-]	SW-846:8321A_MOD	ug/L	5	0	0	0.649	0.649	0.649	5	100	-	-	0	0	0	0	-	-	2	-	-	-
Nitrotoluene[4-]	SW-846:8330	ug/L	7	0	0	0.1	0.25571	0.97	7	100	-	-	0	0	0	0	-	-	2	-	-	-
PETN	SW-846:8321A_MOD	ug/L	5	0	0	1.3	1.3	1.3	5	100	-	-	0	0	0	0	-	-	2	-	-	-
RDX	SW-846:8321A(M)	ug/L	1	0	0	0.727	0.727	0.727	1	100	-	-	0	0	0	0	-	-	1	-	-	-
RDX	SW-846:8321A_MOD	ug/L	5	0	0	0.325	0.325	0.325	5	100	-	-	0	0	0	0	-	-	2	-	-	-
RDX	SW-846:8330	ug/L	7	0	0	0.1	0.16286	0.48	7	100	-	-	0	0	0	0	-	-	2	-	-	-
TATB	SW-846:8321A_MOD	ug/L	5	0	0	1.3	1.3	1.3	5	100	-	-	0	0	0	0	-	-	2	-	-	-
Tetryl	SW-846:8321A(M)	ug/L	1	0	0	0.727	0.727	0.727	1	100	-	-	0	0	0	0	-	-	1	-	-	-
Tetryl	SW-846:8321A_MOD	ug/L	5	0	0	0.649	0.649	0.649	5	100	-	-	0	0	0	0	-	-	2	-	-	-
Tetryl	SW-846:8330	ug/L	7	0	0	0.1	0.35571	1.5	7	100	-	-	0	0	0	0	-	-	2	-	-	-
TNX	SW-846:8330	ug/L	2	0	0	0.082	0.082	0.082	2	100	-	-	0	0	0	0	-	-	2	-	-	-
Trinitrobenzene[1,3,5-]	SW-846:8321A(M)	ug/L	1	0	0	0.727	0.727	0.727	1	100	-	-	0	0	0	0	-	-	1	-	-	-
Trinitrobenzene[1,3,5-]	SW-846:8321A_MOD	ug/L	5	0	0	0.325	0.325	0.325	5	100	-	-	0	0	0	0	-	-	2	-	-	-
Trinitrobenzene[1,3,5-]	SW-846:8330	ug/L	7	0	0	0.1	0.25571	0.97	7	100	-	-	0	0	0	0	-	-	2	-	-	-
Trinitrotoluene[2,4,6-]	SW-846:8321A(M)	ug/L	1	0	0	0.727	0.727	0.727	1	100	-	-	0	0	0	0	-	-	1	-	-	-
Trinitrotoluene[2,4,6-]	SW-846:8321A_MOD	ug/L	5	0	0	0.325	0.325	0.325	5	100	-	-	0	0	0	0	-	-	2	-	-	-
Trinitrotoluene[2,4,6-]	SW-846:8330	ug/L	7	0	0	0.1	0.16286	0.48	7	100	-	-	0	0	0	0	-	-	2	-	-	-
Tris (o-cresyl) phosphate	SW-846:8321A_MOD	ug/L	5	0	0	1.3	1.3	1.3	5	100	-	-	0	0	0	0	-	-	2	-	-	-
Ancho, High Explosives, UF, Regional																						
2,4-Diamino-6-nitrotoluene	SW-846:8321A_MOD	ug/L	27	0	0	1.3	1.3	1.3	27	100	-	-	0	0	0	0	-	-	4	-	-	-

Table B-6
Screening Table for Frijoles, Ancho, and Chaquehui Watersheds

Analyte	Method	Units	No. of Analyses	No. of Detects	D Rate %	Min	Mean	Max	No. of Non-detects	ND Rate %	BV	D> BV	ND> Std	D> Std	D> Std/2	D>Std/2 Rate %	Level	Std Type	Locations with Data (number)	D>Std (number of locations)	D>Std/2 (number of locations)	D>Std Stations
2,6-Diamino-4-nitrotoluene	SW-846:8321A_MOD	ug/L	27	0	0	*1.3*	*1.3*	*1.3*	27	100	-	-	0	0	0	0	-	-	4	-	-	-
3,5-Dinitroaniline	SW-846:8321A_MOD	ug/L	27	0	0	*1.3*	*1.3*	*1.3*	27	100	-	-	0	0	0	0	-	-	4	-	-	-
Amino-2,6-dinitrotoluene[4-]	SW-846:8321A_MOD	ug/L	27	0	0	*0.325*	*0.325*	*0.325*	27	100	-	-	0	0	0	0	-	-	4	-	-	-
Amino-2,6-dinitrotoluene[4-]	SW-846:8330	ug/L	11	0	0	*0.1*	*0.12182*	*0.16*	11	100	-	-	0	0	0	0	-	-	4	-	-	-
Amino-4,6-dinitrotoluene[2-]	SW-846:8321A_MOD	ug/L	27	0	0	*0.325*	*0.325*	*0.325*	27	100	-	-	0	0	0	0	-	-	4	-	-	-
Amino-4,6-dinitrotoluene[2-]	SW-846:8330	ug/L	11	0	0	*0.1*	*0.18*	*0.32*	11	100	-	-	0	0	0	0	-	-	4	-	-	-
Dinitrobenzene[1,3-]	SW-846:8321A_MOD	ug/L	27	0	0	*0.325*	*0.325*	*0.325*	27	100	-	-	0	0	0	0	3.65	Reg6	4	-	-	-
Dinitrobenzene[1,3-]	SW-846:8330	ug/L	11	0	0	*0.1*	*0.18*	*0.32*	11	100	-	-	0	0	0	0	3.65	Reg6	4	-	-	-
Dinitrotoluene[2,4-]	SW-846:8321A_MOD	ug/L	27	0	0	*0.325*	*0.325*	*0.325*	27	100	-	-	0	0	0	0	-	-	4	-	-	-
Dinitrotoluene[2,4-]	SW-846:8330	ug/L	11	0	0	*0.1*	*0.18*	*0.32*	11	100	-	-	0	0	0	0	-	-	4	-	-	-
Dinitrotoluene[2,6-]	SW-846:8321A_MOD	ug/L	27	0	0	*0.325*	*0.325*	*0.325*	27	100	-	-	0	0	0	0	-	-	4	-	-	-
Dinitrotoluene[2,6-]	SW-846:8330	ug/L	11	0	0	*0.1*	*0.12909*	*0.18*	11	100	-	-	0	0	0	0	-	-	4	-	-	-
DNX	SW-846:8330	ug/L	17	1	6	0.15	0.15	0.15	16	94	-	-	0	0	0	0	-	-	4	-	-	-
HMX	SW-846:8321A_MOD	ug/L	27	0	0	*0.325*	*0.325*	*0.325*	27	100	-	-	0	0	0	0	1825	Reg6	4	-	-	-
HMX	SW-846:8330	ug/L	11	0	0	*0.1*	*0.12182*	*0.16*	11	100	-	-	0	0	0	0	1825	Reg6	4	-	-	-
MNX	SW-846:8330	ug/L	17	1	6	0.41	0.41	0.41	16	94	-	-	0	0	0	0	-	-	4	-	-	-
Nitrobenzene	SW-846:8321A_MOD	ug/L	27	0	0	*0.325*	*0.325*	*0.325*	27	100	-	-	0	0	0	0	-	-	4	-	-	-
Nitrobenzene	SW-846:8330	ug/L	11	0	0	*0.1*	*0.12182*	*0.16*	11	100	-	-	0	0	0	0	-	-	4	-	-	-
Nitrotoluene[2-]	SW-846:8321A_MOD	ug/L	27	0	0	*0.325*	*0.325*	*0.325*	27	100	-	-	0	0	0	0	2.92311	Reg6	4	-	-	-
Nitrotoluene[2-]	SW-846:8330	ug/L	11	1	9	1.6	1.6	1.6	10	91	-	-	0	0	1	9	2.92311	Reg6	4	-	1	-
Nitrotoluene[3-]	SW-846:8321A_MOD	ug/L	27	0	0	*0.325*	*0.325*	*0.325*	27	100	-	-	0	0	0	0	121.6667	Reg6	4	-	-	-
Nitrotoluene[3-]	SW-846:8330	ug/L	11	0	0	*0.1*	*0.18*	*0.32*	11	100	-	-	0	0	0	0	121.6667	Reg6	4	-	-	-
Nitrotoluene[4-]	SW-846:8321A_MOD	ug/L	27	0	0	*0.649*	*0.649*	*0.649*	27	100	-	-	0	0	0	0	39.54796	Reg6	4	-	-	-
Nitrotoluene[4-]	SW-846:8330	ug/L	11	0	0	*0.1*	*0.18*	*0.32*	11	100	-	-	0	0	0	0	39.54796	Reg6	4	-	-	-
PETN	SW-846:8321A_MOD	ug/L	27	0	0	*1.3*	*1.3*	*1.3*	27	100	-	-	0	0	0	0	-	-	4	-	-	-
PETN	SW-846:8330	ug/L	3	0	0	*0.1*	*0.1*	*0.1*	3	100	-	-	0	0	0	0	-	-	3	-	-	-
RDX	SW-846:8321A_MOD	ug/L	27	0	0	*0.325*	*0.325*	*0.325*	27	100	-	-	0	0	0	0	6.111958	Reg6	4	-	-	-
RDX	SW-846:8330	ug/L	11	0	0	*0.1*	*0.12182*	*0.16*	11	100	-	-	0	0	0	0	6.111958	Reg6	4	-	-	-
TATB	SW-846:8321A_MOD	ug/L	26	0	0	*1.3*	*1.3*	*1.3*	26	100	-	-	0	0	0	0	-	-	4	-	-	-
Tetryl	SW-846:8321A_MOD	ug/L	26	0	0	*0.649*	*0.649*	*0.649*	26	100	-	-	0	0	0	0	146	Reg6	4	-	-	-
Tetryl	SW-846:8330	ug/L	11	0	0	*0.1*	*0.24182*	*0.49*	11	100	-	-	0	0	0	0	146	Reg6	4	-	-	-
TNX	SW-846:8330	ug/L	17	0	0	*0.082*	*0.47541*	*0.5*	17	100	-	-	0	0	0	0	-	-	4	-	-	-
Trinitrobenzene[1,3,5-]	SW-846:8321A_MOD	ug/L	27	0	0	*0.325*	*0.325*	*0.325*	27	100	-	-	0	0	0	0	1095	Reg6	4	-	-	-
Trinitrobenzene[1,3,5-]	SW-846:8330	ug/L	11	0	0	*0.1*	*0.18*	*0.32*	11	100	-	-	0	0	0	0	1095	Reg6	4	-	-	-
Trinitrotoluene[2,4,6-]	SW-846:8321A_MOD	ug/L	27	0	0	*0.325*	*0.325*	*0.325*	27	100	-	-	0	0	0	0	22.41051	Reg6	4	-	-	-
Trinitrotoluene[2,4,6-]	SW-846:8330	ug/L	11	0	0	*0.1*	*0.12182*	*0.16*	11	100	-	-	0	0	0	0	22.41051	Reg6	4	-	-	-
Tris (o-cresyl) phosphate	SW-846:8321A_MOD	ug/L	26	0	0	*1.3*	*1.3*	*1.3*	26	100	-	-	0	0	0	0	-	-	4	-	-	-
Ancho, Pesticides/PCBs, UF, Ephemeral																						
Aldrin	SW-846:8081A	ug/L	5	0	0	*0.02*	*0.02096*	*0.0222*	5	100	-	-	5	0	0	0	0.0005	HHEU	1	-	-	-
Aroclor-1016	EPA:608	ug/L	3	0	0	*0.098*	*0.09933*	*0.1*	3	100	-	-	3	0	0	0	0.00064	HHEU	1	-	-	-
Aroclor-1016	SW-846:8082	ug/L	4	0	0	*0.1*	*0.10225*	*0.109*	4	100	-	-	4	0	0	0	0.00064	HHEU	1	-	-	-
Aroclor-1221	EPA:608	ug/L	3	0	0	*0.098*	*0.09933*	*0.1*	3	100	-	-	3	0	0	0	0.00064	HHEU	1	-	-	-
Aroclor-1221	SW-846:8082	ug/L	4	0	0	*0.1*	*0.10225*	*0.109*	4	100	-	-	4	0	0	0	0.00064	HHEU	1	-	-	-
Aroclor-1232	EPA:608	ug/L	3	0	0	*0.098*	*0.09933*	*0.1*	3	100	-	-	3	0	0	0	0.00064	HHEU	1	-	-	-
Aroclor-1232	SW-846:8082	ug/L	4	0	0	*0.1*	*0.10225*	*0.109*	4	100	-	-	4	0	0	0	0.00064	HHEU	1	-	-	-
Aroclor-1242	EPA:608	ug/L	3	0	0	*0.098*	*0.09933*	*0.1*	3	100	-	-	3	0	0	0	0.00064	HHEU	1	-	-	-
Aroclor-1242	SW-846:8082	ug/L	4	0	0	*0.1*	*0.10225*	*0.109*	4	100	-	-	4	0	0	0	0.00064	HHEU	1	-	-	-
Aroclor-1248	EPA:608	ug/L	3	0	0	*0.098*	*0.09933*	*0.1*	3	100	-	-	3	0	0	0	0.00064	HHEU	1	-	-	-
Aroclor-1248	SW-846:8082	ug/L	4	0	0	*0.1*	*0.10225*	*0.109*	4	100	-	-	4	0	0	0	0.00064	HHEU	1	-	-	-
Aroclor-1254	EPA:608	ug/L	3	0	0	*0.098*	*0.09933*	*0.1*	3	100	-	-	3	0	0	0	0.00064	HHEU	1	-	-	-
Aroclor-1254	SW-846:8082	ug/L	4	0	0	*0.1*	*0.10225*	*0.109*	4	100	-	-	4	0	0	0	0.00064	HHEU	1	-	-	-
Aroclor-1260	EPA:608	ug/L	3	0	0	*0.098*	*0.09933*	*0.1*	3	100	-	-	3	0	0	0	0.00064	HHEU	1	-	-	-
Aroclor-1260	SW-846:8082	ug/L	4	0	0	*0.1*	*0.10225*	*0.109*	4	100	-	-	4	0	0	0	0.00064	HHEU	1	-	-	-
Aroclor-1262	EPA:608	ug/L	3	0	0	*0.098*	*0.09933*	*0.1*	3	100	-	-	3	0	0	0	0.00064	HHEU	1	-	-	-
Aroclor-1262	SW-846:8082	ug/L	4	0	0	*0.1*	*0.10225*	*0.109*	4	100	-	-	4	0	0	0	0.00064	HHEU	1	-	-	-
BHC[alpha-]	SW-846:8081A	ug/L	5	0	0	*0.02*	*0.02096*	*0.0222*	5	100	-	-	0	0	0	0	-	-	1	-	-	-
BHC[beta-]	SW-846:8081A	ug/L	5	0	0	*0.02*	*0.02096*	*0.0222*	5	100	-	-	0	0	0	0	-	-	1	-	-	-
BHC[delta-]	SW-846:8081A	ug/L	5	0	0	*0.02*	*0.02096*	*0.0222*	5	100	-	-	0	0	0	0	-	-	1	-	-	-

Table B-6
Screening Table for Frijoles, Ancho, and Chaquehui Watersheds

Analyte	Method	Units	No. of Analyses	No. of Detects	D Rate %	Min	Mean	Max	No. of Non-detects	ND Rate %	BV	D> BV	ND> Std	D> Std	D> Std/2	D>Std/2 Rate %	Level	Std Type	Locations with Data (number)	D>Std (number of locations)	D>Std/2 (number of locations)	D>Std Stations
BHC[gamma-]	SW-846:8081A	ug/L	5	0	0	0.02	0.02096	0.0222	5	100	-	-	0	0	0	0	0.95	AqAcU	1	-	-	-
Chlordane[alpha-]	SW-846:8081A	ug/L	5	0	0	0.02	0.02096	0.0222	5	100	-	-	0	0	0	0	-	-	1	-	-	-
Chlordane[gamma-]	SW-846:8081A	ug/L	5	0	0	0.02	0.02096	0.0222	5	100	-	-	0	0	0	0	-	-	1	-	-	-
DDD[4,4'-]	SW-846:8081A	ug/L	5	0	0	0.04	0.04192	0.0444	5	100	-	-	5	0	0	0	0.0022	HHEU	1	-	-	-
DDE[4,4'-]	SW-846:8081A	ug/L	5	0	0	0.04	0.04192	0.0444	5	100	-	-	5	0	0	0	0.0022	HHEU	1	-	-	-
DDT[4,4'-]	SW-846:8081A	ug/L	5	0	0	0.04	0.04192	0.0444	5	100	-	-	5	0	0	0	0.0022	HHEU	1	-	-	-
Dieldrin	SW-846:8081A	ug/L	5	0	0	0.04	0.04192	0.0444	5	100	-	-	5	0	0	0	0.00054	HHEU	1	-	-	-
Endosulfan I	SW-846:8081A	ug/L	5	0	0	0.02	0.02096	0.0222	5	100	-	-	0	0	0	0	0.22	AqAcU	1	-	-	-
Endosulfan II	SW-846:8081A	ug/L	5	0	0	0.04	0.04192	0.0444	5	100	-	-	0	0	0	0	0.22	AqAcU	1	-	-	-
Endosulfan Sulfate	SW-846:8081A	ug/L	5	0	0	0.04	0.04192	0.0444	5	100	-	-	0	0	0	0	-	-	1	-	-	-
Endrin	SW-846:8081A	ug/L	5	0	0	0.04	0.04192	0.0444	5	100	-	-	0	0	0	0	0.086	AqAcU	1	-	-	-
Endrin Aldehyde	SW-846:8081A	ug/L	5	0	0	0.04	0.04192	0.0444	5	100	-	-	0	0	0	0	-	-	1	-	-	-
Endrin Ketone	SW-846:8081A	ug/L	5	0	0	0.04	0.04192	0.0444	5	100	-	-	0	0	0	0	-	-	1	-	-	-
Heptachlor	SW-846:8081A	ug/L	5	0	0	0.02	0.02096	0.0222	5	100	-	-	0	0	0	0	0.52	AqAcU	1	-	-	-
Heptachlor Epoxide	SW-846:8081A	ug/L	5	0	0	0.02	0.02096	0.0222	5	100	-	-	0	0	0	0	0.52	AqAcU	1	-	-	-
Methoxychlor[4,4'-]	SW-846:8081A	ug/L	5	0	0	0.2	0.2096	0.222	5	100	-	-	0	0	0	0	-	-	1	-	-	-
Toxaphene (Technical Grade)	SW-846:8081A	ug/L	5	0	0	0.5	0.6264	1.02	5	100	-	-	1	0	0	0	0.73	AqAcU	1	-	-	-
Ancho, Pesticides/PCBs, UF, Perennial																						
Aldrin	SW-846:8081A	ug/L	8	0	0	0.0204	0.02199	0.0278	8	100	-	-	8	0	0	0	0.0005	HHPU	2	-	-	-
Aroclor-1016	EPA:608	ug/L	8	0	0	0.099	0.10488	0.14	8	100	-	-	8	0	0	0	0.00064	HHPU	2	-	-	-
Aroclor-1016	SW-846:8082	ug/L	6	0	0	0.1	0.1035	0.11	6	100	-	-	6	0	0	0	0.00064	HHPU	2	-	-	-
Aroclor-1221	EPA:608	ug/L	8	0	0	0.099	0.10488	0.14	8	100	-	-	8	0	0	0	0.00064	HHPU	2	-	-	-
Aroclor-1221	SW-846:8082	ug/L	6	0	0	0.1	0.1035	0.11	6	100	-	-	6	0	0	0	0.00064	HHPU	2	-	-	-
Aroclor-1232	EPA:608	ug/L	8	0	0	0.099	0.10488	0.14	8	100	-	-	8	0	0	0	0.00064	HHPU	2	-	-	-
Aroclor-1232	SW-846:8082	ug/L	6	0	0	0.1	0.1035	0.11	6	100	-	-	6	0	0	0	0.00064	HHPU	2	-	-	-
Aroclor-1242	EPA:608	ug/L	8	0	0	0.099	0.10488	0.14	8	100	-	-	8	0	0	0	0.00064	HHPU	2	-	-	-
Aroclor-1242	SW-846:8082	ug/L	6	0	0	0.1	0.1035	0.11	6	100	-	-	6	0	0	0	0.00064	HHPU	2	-	-	-
Aroclor-1248	EPA:608	ug/L	8	0	0	0.099	0.10488	0.14	8	100	-	-	8	0	0	0	0.00064	HHPU	2	-	-	-
Aroclor-1248	SW-846:8082	ug/L	6	0	0	0.1	0.1035	0.11	6	100	-	-	6	0	0	0	0.00064	HHPU	2	-	-	-
Aroclor-1254	EPA:608	ug/L	8	0	0	0.099	0.10488	0.14	8	100	-	-	8	0	0	0	0.00064	HHPU	2	-	-	-
Aroclor-1254	SW-846:8082	ug/L	6	1	17	0.047	0.047	0.047	5	83	-	-	5	1	1	17	0.00064	HHPU	2	1	1	Frijoles at Rio Grande
Aroclor-1260	EPA:608	ug/L	8	0	0	0.099	0.10488	0.14	8	100	-	-	8	0	0	0	0.00064	HHPU	2	-	-	-
Aroclor-1260	SW-846:8082	ug/L	6	0	0	0.1	0.1035	0.11	6	100	-	-	6	0	0	0	0.00064	HHPU	2	-	-	-
Aroclor-1262	EPA:608	ug/L	8	0	0	0.099	0.10488	0.14	8	100	-	-	8	0	0	0	0.00064	HHPU	2	-	-	-
Aroclor-1262	SW-846:8082	ug/L	6	0	0	0.1	0.1035	0.11	6	100	-	-	6	0	0	0	0.00064	HHPU	2	-	-	-
BHC[alpha-]	SW-846:8081A	ug/L	8	0	0	0.0204	0.02199	0.0278	8	100	-	-	0	0	0	0	0.049	HHPU	2	-	-	-
BHC[beta-]	SW-846:8081A	ug/L	8	0	0	0.0204	0.02199	0.0278	8	100	-	-	0	0	0	0	0.17	HHPU	2	-	-	-
BHC[delta-]	SW-846:8081A	ug/L	8	0	0	0.0204	0.02199	0.0278	8	100	-	-	0	0	0	0	-	-	2	-	-	-
BHC[gamma-]	SW-846:8081A	ug/L	8	0	0	0.0204	0.02199	0.0278	8	100	-	-	0	0	0	0	0.63	HHPU	2	-	-	-
Chlordane[alpha-]	SW-846:8081A	ug/L	8	0	0	0.0204	0.02199	0.0278	8	100	-	-	0	0	0	0	-	-	2	-	-	-
Chlordane[gamma-]	SW-846:8081A	ug/L	8	0	0	0.0204	0.02199	0.0278	8	100	-	-	0	0	0	0	-	-	2	-	-	-
DDD[4,4'-]	SW-846:8081A	ug/L	8	0	0	0.0408	0.04399	0.0556	8	100	-	-	8	0	0	0	0.0022	HHPU	2	-	-	-
DDE[4,4'-]	SW-846:8081A	ug/L	8	0	0	0.0408	0.04399	0.0556	8	100	-	-	8	0	0	0	0.0022	HHPU	2	-	-	-
DDT[4,4'-]	SW-846:8081A	ug/L	8	0	0	0.0408	0.04399	0.0556	8	100	-	-	8	0	0	0	0.0022	HHPU	2	-	-	-
Dieldrin	SW-846:8081A	ug/L	8	0	0	0.0408	0.04399	0.0556	8	100	-	-	8	0	0	0	0.00054	HHPU	2	-	-	-
Endosulfan I	SW-846:8081A	ug/L	8	0	0	0.0204	0.02199	0.0278	8	100	-	-	0	0	0	0	0.22	AqAcU	2	-	-	-
Endosulfan II	SW-846:8081A	ug/L	8	0	0	0.0408	0.04399	0.0556	8	100	-	-	0	0	0	0	0.22	AqAcU	2	-	-	-
Endosulfan Sulfate	SW-846:8081A	ug/L	8	0	0	0.0408	0.04399	0.0556	8	100	-	-	0	0	0	0	89	HHPU	2	-	-	-
Endrin	SW-846:8081A	ug/L	8	0	0	0.0408	0.04399	0.0556	8	100	-	-	0	0	0	0	0.086	AqAcU	2	-	-	-
Endrin Aldehyde	SW-846:8081A	ug/L	8	0	0	0.0408	0.04399	0.0556	8	100	-	-	0	0	0	0	0.3	HHPU	2	-	-	-
Endrin Ketone	SW-846:8081A	ug/L	8	0	0	0.0408	0.04399	0.0556	8	100	-	-	0	0	0	0	-	-	2	-	-	-
Heptachlor	SW-846:8081A	ug/L	8	0	0	0.0204	0.02199	0.0278	8	100	-	-	8	0	0	0	0.00079	HHPU	2	-	-	-
Heptachlor Epoxide	SW-846:8081A	ug/L	8	0	0	0.0204	0.02199	0.0278	8	100	-	-	8	0	0	0	0.00039	HHPU	2	-	-	-
Methoxychlor[4,4'-]	SW-846:8081A	ug/L	8	0	0	0.204	0.21988	0.278	8	100	-	-	0	0	0	0	-	-	2	-	-	-
Toxaphene (Technical Grade)	SW-846:8081A	ug/L	8	0	0	0.51	0.70038	1.39	8	100	-	-	8	0	0	0	0.0028	HHPU	2	-	-	-

Table B-6
Screening Table for Frijoles, Ancho, and Chaquehui Watersheds

Analyte	Method	Units	No. of Analyses	No. of Detects	D Rate %	Min	Mean	Max	No. of Non-detects	ND Rate %	BV	D> BV	ND> Std	D> Std	D> Std/2	D>Std/2 Rate %	Level	Std Type	Locations with Data (number)	D>Std (number of locations)	D>Std/2 (number of locations)	D>Std Stations
Ancho, Pesticides/PCBs, UF, Regional																						
Aldrin	SW-846:8081A	ug/L	30	0	0	0.0196	0.02257	0.0526	30	100	-	-	1	0	0	0	0.03954796	Reg6	4	-	-	-
Aroclor-1016	EPA:608	ug/L	2	0	0	0.1	0.1	0.1	2	100	-	-	0	0	0	0	0.5	MCL	1	-	-	-
Aroclor-1016	SW-846:8082	ug/L	33	0	0	0.097	0.10564	0.12	33	100	-	-	0	0	0	0	0.5	MCL	4	-	-	-
Aroclor-1221	EPA:608	ug/L	2	0	0	0.1	0.1	0.1	2	100	-	-	0	0	0	0	0.5	MCL	1	-	-	-
Aroclor-1221	SW-846:8082	ug/L	33	0	0	0.097	0.10564	0.12	33	100	-	-	0	0	0	0	0.5	MCL	4	-	-	-
Aroclor-1232	EPA:608	ug/L	2	0	0	0.1	0.1	0.1	2	100	-	-	0	0	0	0	0.5	MCL	1	-	-	-
Aroclor-1232	SW-846:8082	ug/L	33	0	0	0.097	0.10564	0.12	33	100	-	-	0	0	0	0	0.5	MCL	4	-	-	-
Aroclor-1242	EPA:608	ug/L	2	0	0	0.1	0.1	0.1	2	100	-	-	0	0	0	0	0.5	MCL	1	-	-	-
Aroclor-1242	SW-846:8082	ug/L	33	0	0	0.097	0.10564	0.12	33	100	-	-	0	0	0	0	0.5	MCL	4	-	-	-
Aroclor-1248	EPA:608	ug/L	2	0	0	0.1	0.1	0.1	2	100	-	-	0	0	0	0	0.5	MCL	1	-	-	-
Aroclor-1248	SW-846:8082	ug/L	33	0	0	0.097	0.10564	0.12	33	100	-	-	0	0	0	0	0.5	MCL	4	-	-	-
Aroclor-1254	EPA:608	ug/L	2	0	0	0.1	0.1	0.1	2	100	-	-	0	0	0	0	0.5	MCL	1	-	-	-
Aroclor-1254	SW-846:8082	ug/L	33	1	3	0.44	0.44	0.44	32	97	-	-	0	0	1	3	0.5	MCL	4	-	1	-
Aroclor-1260	EPA:608	ug/L	2	0	0	0.1	0.1	0.1	2	100	-	-	0	0	0	0	0.5	MCL	1	-	-	-
Aroclor-1260	SW-846:8082	ug/L	33	0	0	0.097	0.10564	0.12	33	100	-	-	0	0	0	0	0.5	MCL	4	-	-	-
Aroclor-1262	EPA:608	ug/L	2	0	0	0.1	0.1	0.1	2	100	-	-	0	0	0	0	0.5	MCL	1	-	-	-
Aroclor-1262	SW-846:8082	ug/L	32	0	0	0.097	0.1055	0.12	32	100	-	-	0	0	0	0	0.5	MCL	4	-	-	-
BHC[alpha-]	SW-846:8081A	ug/L	30	0	0	0.0196	0.02257	0.0526	30	100	-	-	0	0	0	0	0.1067167	Reg6	4	-	-	-
BHC[beta-]	SW-846:8081A	ug/L	30	0	0	0.0196	0.02257	0.0526	30	100	-	-	0	0	0	0	0.3735085	Reg6	4	-	-	-
BHC[delta-]	SW-846:8081A	ug/L	30	0	0	0.0196	0.02257	0.0526	30	100	-	-	0	0	0	0	-	-	4	-	-	-
BHC[gamma-]	SW-846:8081A	ug/L	30	0	0	0.0196	0.02257	0.0526	30	100	-	-	0	0	0	0	0.2	MCL	4	-	-	-
Chlordane[alpha-]	SW-846:8081A	ug/L	30	0	0	0.0196	0.02257	0.0526	30	100	-	-	0	0	0	0	-	-	4	-	-	-
Chlordane[gamma-]	SW-846:8081A	ug/L	30	0	0	0.0196	0.02257	0.0526	30	100	-	-	0	0	0	0	-	-	4	-	-	-
DDD[4,4'-]	SW-846:8081A	ug/L	29	0	0	0.0392	0.04508	0.105	29	100	-	-	0	0	0	0	2.801314	Reg6	4	-	-	-
DDE[4,4'-]	SW-846:8081A	ug/L	30	1	3	0.0225	0.0225	0.0225	29	97	-	-	0	0	0	0	1.977398	Reg6	4	-	-	-
DDT[4,4'-]	SW-846:8081A	ug/L	30	1	3	2.26	2.26	2.26	29	97	-	-	0	1	1	3	1.977398	Reg6	4	1	1	R-31
Dieldrin	SW-846:8081A	ug/L	30	0	0	0.0392	0.04515	0.105	30	100	-	-	16	0	0	0	0.04201971	Reg6	4	-	-	-
Endosulfan I	SW-846:8081A	ug/L	30	0	0	0.0196	0.02257	0.0526	30	100	-	-	0	0	0	0	-	-	4	-	-	-
Endosulfan II	SW-846:8081A	ug/L	30	0	0	0.0392	0.04515	0.105	30	100	-	-	0	0	0	0	-	-	4	-	-	-
Endosulfan Sulfate	SW-846:8081A	ug/L	30	0	0	0.0392	0.04515	0.105	30	100	-	-	0	0	0	0	-	-	4	-	-	-
Endrin	SW-846:8081A	ug/L	30	0	0	0.0392	0.04515	0.105	30	100	-	-	0	0	0	0	2	MCL	4	-	-	-
Endrin Aldehyde	SW-846:8081A	ug/L	30	0	0	0.0392	0.04515	0.105	30	100	-	-	0	0	0	0	-	-	4	-	-	-
Endrin Ketone	SW-846:8081A	ug/L	30	0	0	0.0392	0.04515	0.105	30	100	-	-	0	0	0	0	-	-	4	-	-	-
Heptachlor	SW-846:8081A	ug/L	30	1	3	0.00962	0.00962	0.00962	29	97	-	-	0	0	0	0	0.4	MCL	4	-	-	-
Heptachlor Epoxide	SW-846:8081A	ug/L	30	0	0	0.0196	0.02257	0.0526	30	100	-	-	0	0	0	0	0.2	MCL	4	-	-	-
Methoxychlor[4,4'-]	SW-846:8081A	ug/L	30	0	0	0.196	0.22573	0.526	30	100	-	-	0	0	0	0	40	MCL	4	-	-	-
Toxaphene (Technical Grade)	SW-846:8081A	ug/L	30	0	0	0.49	0.63717	1.32	30	100	-	-	0	0	0	0	3	MCL	4	-	-	-
Ancho, SVOA, UF, Ephemeral																						
Acenaphthene	EPA:625	ug/L	3	0	0	0.99	0.99667	1	3	100	-	-	0	0	0	0	-	-	1	-	-	-
Acenaphthene	SW-846:8270C	ug/L	4	0	0	1	1.0225	1.09	4	100	-	-	0	0	0	0	-	-	1	-	-	-
Acenaphthylene	EPA:625	ug/L	3	0	0	0.99	0.99667	1	3	100	-	-	0	0	0	0	-	-	1	-	-	-
Acenaphthylene	SW-846:8270C	ug/L	4	0	0	1	1.0225	1.09	4	100	-	-	0	0	0	0	-	-	1	-	-	-
Aniline	EPA:625	ug/L	3	0	0	9.9	10.0333	10.2	3	100	-	-	0	0	0	0	-	-	1	-	-	-
Aniline	SW-846:8270C	ug/L	4	0	0	10	10.35	10.9	4	100	-	-	0	0	0	0	-	-	1	-	-	-
Anthracene	EPA:625	ug/L	3	0	0	0.99	0.99667	1	3	100	-	-	0	0	0	0	-	-	1	-	-	-
Anthracene	SW-846:8270C	ug/L	4	0	0	1	1.0225	1.09	4	100	-	-	0	0	0	0	-	-	1	-	-	-
Atrazine	SW-846:8270C	ug/L	4	0	0	10	10.35	10.9	4	100	-	-	0	0	0	0	-	-	1	-	-	-
Azobenzene	EPA:625	ug/L	2	0	0	10	10.1	10.2	2	100	-	-	0	0	0	0	-	-	1	-	-	-
Azobenzene	SW-846:8270C	ug/L	4	0	0	10	10.35	10.9	4	100	-	-	0	0	0	0	-	-	1	-	-	-
Benzidine	EPA:625	ug/L	3	0	0	49.5	50.1667	51	3	100	-	-	0	0	0	0	-	-	1	-	-	-
Benzidine	SW-846:8270C	ug/L	4	0	0	10.9	40.875	52.1	4	100	-	-	0	0	0	0	-	-	1	-	-	-
Benzo(a)anthracene	EPA:625	ug/L	3	0	0	0.99	0.99667	1	3	100	-	-	0	0	0	0	-	-	1	-	-	-
Benzo(a)anthracene	SW-846:8270C	ug/L	4	0	0	1	1.0225	1.09	4	100	-	-	0	0	0	0	-	-	1	-	-	-
Benzo(a)pyrene	EPA:625	ug/L	3	0	0	0.99	0.99667	1	3	100	-	-	3	0	0	0	0.18	HHEU	1	-	-	-
Benzo(a)pyrene	SW-846:8270C	ug/L	4	0	0	1	1.0225	1.09	4	100	-	-	4	0	0	0	0.18	HHEU	1	-	-	-
Benzo(b)fluoranthene	EPA:625	ug/L	3	0	0	0.99	0.99667	1	3	100	-	-	0	0	0	0	-	-	1	-	-	-
Benzo(b)fluoranthene	SW-846:8270C	ug/L	4	0	0	1	1.0225	1.09	4	100	-	-	0	0	0	0	-	-	1	-	-	-

Table B-6
Screening Table for Frijoles, Ancho, and Chaquehui Watersheds

Analyte	Method	Units	No. of Analyses	No. of Detects	D Rate %	Min	Mean	Max	No. of Non-detects	ND Rate %	BV	D> BV	ND> Std	D> Std	D> Std/2	D>Std/2 Rate %	Level	Std Type	Locations with Data (number)	D>Std (number of locations)	D>Std/2 (number of locations)	D>Std Stations
Benzo(g,h,i)perylene	EPA:625	ug/L	3	0	0	0.99	0.99667	1	3	100	-	-	0	0	0	0	-	-	1	-	-	-
Benzo(g,h,i)perylene	SW-846:8270C	ug/L	4	0	0	1	1.0225	1.09	4	100	-	-	0	0	0	0	-	-	1	-	-	-
Benzo(k)fluoranthene	EPA:625	ug/L	3	0	0	0.99	0.99667	1	3	100	-	-	0	0	0	0	-	-	1	-	-	-
Benzo(k)fluoranthene	SW-846:8270C	ug/L	4	0	0	1	1.0225	1.09	4	100	-	-	0	0	0	0	-	-	1	-	-	-
Benzoic Acid	EPA:625	ug/L	3	0	0	19.8	20.0667	20.4	3	100	-	-	0	0	0	0	-	-	1	-	-	-
Benzoic Acid	SW-846:8270C	ug/L	4	0	0	20	20.675	21.7	4	100	-	-	0	0	0	0	-	-	1	-	-	-
Benzyl Alcohol	EPA:625	ug/L	3	0	0	9.9	10.0333	10.2	3	100	-	-	0	0	0	0	-	-	1	-	-	-
Benzyl Alcohol	SW-846:8270C	ug/L	4	0	0	10	10.35	10.9	4	100	-	-	0	0	0	0	-	-	1	-	-	-
Bis(2-chloroethoxy)methane	EPA:625	ug/L	3	0	0	9.9	10.0333	10.2	3	100	-	-	0	0	0	0	-	-	1	-	-	-
Bis(2-chloroethoxy)methane	SW-846:8270C	ug/L	4	0	0	10	10.35	10.9	4	100	-	-	0	0	0	0	-	-	1	-	-	-
Bis(2-chloroethyl)ether	EPA:625	ug/L	3	0	0	9.9	10.0333	10.2	3	100	-	-	0	0	0	0	-	-	1	-	-	-
Bis(2-chloroethyl)ether	SW-846:8270C	ug/L	4	0	0	10	10.35	10.9	4	100	-	-	0	0	0	0	-	-	1	-	-	-
Bis(2-ethylhexyl)phthalate	EPA:625	ug/L	3	0	0	9.9	10.0333	10.2	3	100	-	-	0	0	0	0	-	-	1	-	-	-
Bis(2-ethylhexyl)phthalate	SW-846:8270C	ug/L	4	0	0	10	10.35	10.9	4	100	-	-	0	0	0	0	-	-	1	-	-	-
Bromophenyl-phenylether[4-]	EPA:625	ug/L	3	0	0	9.9	10.0333	10.2	3	100	-	-	0	0	0	0	-	-	1	-	-	-
Bromophenyl-phenylether[4-]	SW-846:8270C	ug/L	4	0	0	10	10.35	10.9	4	100	-	-	0	0	0	0	-	-	1	-	-	-
Butylbenzylphthalate	EPA:625	ug/L	3	0	0	9.9	10.0333	10.2	3	100	-	-	0	0	0	0	-	-	1	-	-	-
Butylbenzylphthalate	SW-846:8270C	ug/L	4	0	0	10	10.35	10.9	4	100	-	-	0	0	0	0	-	-	1	-	-	-
Chloro-3-methylphenol[4-]	EPA:625	ug/L	3	0	0	9.9	10.0333	10.2	3	100	-	-	0	0	0	0	-	-	1	-	-	-
Chloro-3-methylphenol[4-]	SW-846:8270C	ug/L	4	0	0	10	10.35	10.9	4	100	-	-	0	0	0	0	-	-	1	-	-	-
Chloroaniline[4-]	EPA:625	ug/L	3	0	0	9.9	10.0333	10.2	3	100	-	-	0	0	0	0	-	-	1	-	-	-
Chloroaniline[4-]	SW-846:8270C	ug/L	4	0	0	10	10.35	10.9	4	100	-	-	0	0	0	0	-	-	1	-	-	-
Chloronaphthalene[2-]	EPA:625	ug/L	3	0	0	0.99	0.99667	1	3	100	-	-	0	0	0	0	-	-	1	-	-	-
Chloronaphthalene[2-]	SW-846:8270C	ug/L	4	0	0	1	1.0225	1.09	4	100	-	-	0	0	0	0	-	-	1	-	-	-
Chlorophenol[2-]	EPA:625	ug/L	3	0	0	9.9	10.0333	10.2	3	100	-	-	0	0	0	0	-	-	1	-	-	-
Chlorophenol[2-]	SW-846:8270C	ug/L	4	0	0	10	10.35	10.9	4	100	-	-	0	0	0	0	-	-	1	-	-	-
Chlorophenyl-phenyl[4-] Ether	EPA:625	ug/L	3	0	0	9.9	10.0333	10.2	3	100	-	-	0	0	0	0	-	-	1	-	-	-
Chlorophenyl-phenyl[4-] Ether	SW-846:8270C	ug/L	4	0	0	10	10.35	10.9	4	100	-	-	0	0	0	0	-	-	1	-	-	-
Chrysene	EPA:625	ug/L	3	0	0	0.99	0.99667	1	3	100	-	-	0	0	0	0	-	-	1	-	-	-
Chrysene	SW-846:8270C	ug/L	4	0	0	1	1.0225	1.09	4	100	-	-	0	0	0	0	-	-	1	-	-	-
Dibenz(a,h)anthracene	EPA:625	ug/L	3	0	0	0.99	0.99667	1	3	100	-	-	0	0	0	0	-	-	1	-	-	-
Dibenz(a,h)anthracene	SW-846:8270C	ug/L	4	0	0	1	1.0225	1.09	4	100	-	-	0	0	0	0	-	-	1	-	-	-
Dibenzofuran	EPA:625	ug/L	3	0	0	9.9	10.0333	10.2	3	100	-	-	0	0	0	0	-	-	1	-	-	-
Dibenzofuran	SW-846:8270C	ug/L	3	0	0	10	10.1667	10.4	3	100	-	-	0	0	0	0	-	-	1	-	-	-
Dichlorobenzene[1,2-]	EPA:625	ug/L	3	0	0	9.9	10.0333	10.2	3	100	-	-	0	0	0	0	-	-	1	-	-	-
Dichlorobenzene[1,2-]	SW-846:8270C	ug/L	4	0	0	10	10.35	10.9	4	100	-	-	0	0	0	0	-	-	1	-	-	-
Dichlorobenzene[1,3-]	EPA:625	ug/L	3	0	0	9.9	10.0333	10.2	3	100	-	-	0	0	0	0	-	-	1	-	-	-
Dichlorobenzene[1,3-]	SW-846:8270C	ug/L	4	0	0	10	10.35	10.9	4	100	-	-	0	0	0	0	-	-	1	-	-	-
Dichlorobenzene[1,4-]	EPA:625	ug/L	3	0	0	9.9	10.0333	10.2	3	100	-	-	0	0	0	0	-	-	1	-	-	-
Dichlorobenzene[1,4-]	SW-846:8270C	ug/L	4	0	0	10	10.35	10.9	4	100	-	-	0	0	0	0	-	-	1	-	-	-
Dichlorobenzidine[3,3'-]	EPA:625	ug/L	3	0	0	9.9	10.0333	10.2	3	100	-	-	0	0	0	0	-	-	1	-	-	-
Dichlorobenzidine[3,3'-]	SW-846:8270C	ug/L	4	0	0	10	10.35	10.9	4	100	-	-	0	0	0	0	-	-	1	-	-	-
Dichlorophenol[2,4-]	EPA:625	ug/L	3	0	0	9.9	10.0333	10.2	3	100	-	-	0	0	0	0	-	-	1	-	-	-
Dichlorophenol[2,4-]	SW-846:8270C	ug/L	4	0	0	10	10.35	10.9	4	100	-	-	0	0	0	0	-	-	1	-	-	-
Diethylphthalate	EPA:625	ug/L	3	0	0	9.9	10.0333	10.2	3	100	-	-	0	0	0	0	-	-	1	-	-	-
Diethylphthalate	SW-846:8270C	ug/L	4	0	0	10	10.35	10.9	4	100	-	-	0	0	0	0	-	-	1	-	-	-
Dimethyl Phthalate	EPA:625	ug/L	3	0	0	9.9	10.0333	10.2	3	100	-	-	0	0	0	0	-	-	1	-	-	-
Dimethyl Phthalate	SW-846:8270C	ug/L	4	0	0	10	10.35	10.9	4	100	-	-	0	0	0	0	-	-	1	-	-	-
Dimethylphenol[2,4-]	EPA:625	ug/L	3	0	0	9.9	10.0333	10.2	3	100	-	-	0	0	0	0	-	-	1	-	-	-
Dimethylphenol[2,4-]	SW-846:8270C	ug/L	3	0	0	10	10.1667	10.4	3	100	-	-	0	0	0	0	-	-	1	-	-	-
Di-n-butylphthalate	EPA:625	ug/L	3	0	0	9.9	10.0333	10.2	3	100	-	-	0	0	0	0	-	-	1	-	-	-
Di-n-butylphthalate	SW-846:8270C	ug/L	4	0	0	10	10.35	10.9	4	100	-	-	0	0	0	0	-	-	1	-	-	-
Dinitro-2-methylphenol[4,6-]	EPA:625	ug/L	3	0	0	9.9	10.0333	10.2	3	100	-	-	0	0	0	0	-	-	1	-	-	-
Dinitro-2-methylphenol[4,6-]	SW-846:8270C	ug/L	4	0	0	10	10.35	10.9	4	100	-	-	0	0	0	0	-	-	1	-	-	-
Dinitrophenol[2,4-]	EPA:625	ug/L	3	0	0	19.8	20.0667	20.4	3	100	-	-	0	0	0	0	-	-	1	-	-	-
Dinitrophenol[2,4-]	SW-846:8270C	ug/L	4	0	0	20	20.675	21.7	4	100	-	-	0	0	0	0	-	-	1	-	-	-
Dinitrotoluene[2,4-]	EPA:625	ug/L	3	0	0	9.9	10.0333	10.2	3	100	-	-	0	0	0	0	-	-	1	-	-	-
Dinitrotoluene[2,4-]	SW-846:8270C	ug/L	4	0	0	10	10.35	10.9	4	100	-	-	0	0	0	0	-	-	1	-	-	-
Dinitrotoluene[2,6-]	EPA:625	ug/L	3	0	0	9.9	10.0333	10.2	3	100	-	-	0	0	0	0	-	-	1	-	-	-

Table B-6
Screening Table for Frijoles, Ancho, and Chaquehui Watersheds

Analyte	Method	Units	No. of Analyses	No. of Detects	D Rate %	Min	Mean	Max	No. of Non-detects	ND Rate %	BV	D> BV	ND> Std	D> Std	D> Std/2	D>Std/2 Rate %	Level	Std Type	Locations with Data (number)	D>Std (number of locations)	D>Std/2 (number of locations)	D>Std Stations
Dinitrotoluene[2,6-]	SW-846:8270C	ug/L	4	0	0	*10*	*10.35*	*10.9*	4	100	-	-	0	0	0	0	-	-	1	-	-	-
Di-n-octylphthalate	EPA:625	ug/L	3	0	0	*9.9*	*10.0333*	*10.2*	3	100	-	-	0	0	0	0	-	-	1	-	-	-
Di-n-octylphthalate	SW-846:8270C	ug/L	4	0	0	*10*	*10.35*	*10.9*	4	100	-	-	0	0	0	0	-	-	1	-	-	-
Dinoseb	SW-846:8270C	ug/L	4	0	0	*10*	*10.35*	*10.9*	4	100	-	-	0	0	0	0	-	-	1	-	-	-
Dioxane[1,4-]	SW-846:8270C	ug/L	2	0	0	*10*	*10.45*	*10.9*	2	100	-	-	0	0	0	0	-	-	1	-	-	-
Diphenylamine	EPA:625	ug/L	3	0	0	*9.9*	*10.0333*	*10.2*	3	100	-	-	0	0	0	0	-	-	1	-	-	-
Diphenylamine	SW-846:8270C	ug/L	4	0	0	*10*	*10.35*	*10.9*	4	100	-	-	0	0	0	0	-	-	1	-	-	-
Diphenylhydrazine[1,2-]	EPA:625	ug/L	1	0	0	*9.9*	*9.9*	*9.9*	1	100	-	-	0	0	0	0	-	-	1	-	-	-
Fluoranthene	EPA:625	ug/L	3	0	0	*0.99*	*0.99667*	*1*	3	100	-	-	0	0	0	0	-	-	1	-	-	-
Fluoranthene	SW-846:8270C	ug/L	4	0	0	*1*	*1.0225*	*1.09*	4	100	-	-	0	0	0	0	-	-	1	-	-	-
Fluorene	EPA:625	ug/L	3	0	0	*0.99*	*0.99667*	*1*	3	100	-	-	0	0	0	0	-	-	1	-	-	-
Fluorene	SW-846:8270C	ug/L	4	0	0	*1*	*1.0225*	*1.09*	4	100	-	-	0	0	0	0	-	-	1	-	-	-
Hexachlorobenzene	EPA:625	ug/L	3	0	0	*9.9*	*10.0333*	*10.2*	3	100	-	-	3	0	0	0	0.0029	HHEU	1	-	-	-
Hexachlorobenzene	SW-846:8270C	ug/L	4	0	0	*10*	*10.35*	*10.9*	4	100	-	-	4	0	0	0	0.0029	HHEU	1	-	-	-
Hexachlorobutadiene	EPA:625	ug/L	3	0	0	*9.9*	*10.0333*	*10.2*	3	100	-	-	0	0	0	0	-	-	1	-	-	-
Hexachlorobutadiene	SW-846:8270C	ug/L	4	0	0	*10*	*10.35*	*10.9*	4	100	-	-	0	0	0	0	-	-	1	-	-	-
Hexachlorocyclopentadiene	EPA:625	ug/L	3	0	0	*9.9*	*10.0333*	*10.2*	3	100	-	-	0	0	0	0	-	-	1	-	-	-
Hexachlorocyclopentadiene	SW-846:8270C	ug/L	4	0	0	*10*	*10.35*	*10.9*	4	100	-	-	0	0	0	0	-	-	1	-	-	-
Hexachloroethane	EPA:625	ug/L	3	0	0	*9.9*	*10.0333*	*10.2*	3	100	-	-	0	0	0	0	-	-	1	-	-	-
Hexachloroethane	SW-846:8270C	ug/L	4	0	0	*10*	*10.35*	*10.9*	4	100	-	-	0	0	0	0	-	-	1	-	-	-
Indeno(1,2,3-cd)pyrene	EPA:625	ug/L	3	0	0	*0.99*	*0.99667*	*1*	3	100	-	-	0	0	0	0	-	-	1	-	-	-
Indeno(1,2,3-cd)pyrene	SW-846:8270C	ug/L	4	0	0	*1*	*1.0225*	*1.09*	4	100	-	-	0	0	0	0	-	-	1	-	-	-
Isophorone	EPA:625	ug/L	3	0	0	*9.9*	*10.0333*	*10.2*	3	100	-	-	0	0	0	0	-	-	1	-	-	-
Isophorone	SW-846:8270C	ug/L	4	0	0	*10*	*10.35*	*10.9*	4	100	-	-	0	0	0	0	-	-	1	-	-	-
Methylnaphthalene[1-]	SW-846:8270C	ug/L	4	0	0	*1*	*1.0225*	*1.09*	4	100	-	-	0	0	0	0	-	-	1	-	-	-
Methylnaphthalene[2-]	EPA:625	ug/L	3	0	0	*0.99*	*0.99667*	*1*	3	100	-	-	0	0	0	0	-	-	1	-	-	-
Methylnaphthalene[2-]	SW-846:8270C	ug/L	4	0	0	*1*	*1.0225*	*1.09*	4	100	-	-	0	0	0	0	-	-	1	-	-	-
Methylphenol[2-]	EPA:625	ug/L	3	0	0	*9.9*	*10.0333*	*10.2*	3	100	-	-	0	0	0	0	-	-	1	-	-	-
Methylphenol[2-]	SW-846:8270C	ug/L	4	0	0	*10*	*10.35*	*10.9*	4	100	-	-	0	0	0	0	-	-	1	-	-	-
Methylphenol[3-,4-]	SW-846:8270C	ug/L	4	0	0	*10*	*10.35*	*10.9*	4	100	-	-	0	0	0	0	-	-	1	-	-	-
Methylphenol[4-]	EPA:625	ug/L	3	0	0	*9.9*	*10.0333*	*10.2*	3	100	-	-	0	0	0	0	-	-	1	-	-	-
Methylpyridine[2-]	EPA:625	ug/L	3	0	0	*9.9*	*10.0333*	*10.2*	3	100	-	-	0	0	0	0	-	-	1	-	-	-
Naphthalene	EPA:625	ug/L	3	0	0	*0.99*	*0.99667*	*1*	3	100	-	-	0	0	0	0	-	-	1	-	-	-
Naphthalene	SW-846:8270C	ug/L	4	0	0	*1*	*1.0225*	*1.09*	4	100	-	-	0	0	0	0	-	-	1	-	-	-
Nitroaniline[2-]	EPA:625	ug/L	3	0	0	*9.9*	*10.0333*	*10.2*	3	100	-	-	0	0	0	0	-	-	1	-	-	-
Nitroaniline[2-]	SW-846:8270C	ug/L	4	0	0	*10*	*10.35*	*10.9*	4	100	-	-	0	0	0	0	-	-	1	-	-	-
Nitroaniline[3-]	EPA:625	ug/L	3	0	0	*9.9*	*10.0333*	*10.2*	3	100	-	-	0	0	0	0	-	-	1	-	-	-
Nitroaniline[3-]	SW-846:8270C	ug/L	4	0	0	*10*	*10.35*	*10.9*	4	100	-	-	0	0	0	0	-	-	1	-	-	-
Nitroaniline[4-]	EPA:625	ug/L	3	0	0	*9.9*	*10.0333*	*10.2*	3	100	-	-	0	0	0	0	-	-	1	-	-	-
Nitroaniline[4-]	SW-846:8270C	ug/L	4	0	0	*10*	*10.35*	*10.9*	4	100	-	-	0	0	0	0	-	-	1	-	-	-
Nitrobenzene	EPA:625	ug/L	3	0	0	*9.9*	*10.0333*	*10.2*	3	100	-	-	0	0	0	0	-	-	1	-	-	-
Nitrobenzene	SW-846:8270C	ug/L	4	0	0	*10*	*10.35*	*10.9*	4	100	-	-	0	0	0	0	-	-	1	-	-	-
Nitrophenol[2-]	EPA:625	ug/L	3	0	0	*9.9*	*10.0333*	*10.2*	3	100	-	-	0	0	0	0	-	-	1	-	-	-
Nitrophenol[2-]	SW-846:8270C	ug/L	4	0	0	*10*	*10.35*	*10.9*	4	100	-	-	0	0	0	0	-	-	1	-	-	-
Nitrophenol[4-]	EPA:625	ug/L	3	0	0	*9.9*	*10.0333*	*10.2*	3	100	-	-	0	0	0	0	-	-	1	-	-	-
Nitrophenol[4-]	SW-846:8270C	ug/L	4	0	0	*10*	*10.35*	*10.9*	4	100	-	-	0	0	0	0	-	-	1	-	-	-
Nitrosodiethylamine[N-]	SW-846:8270C	ug/L	4	0	0	*10*	*10.35*	*10.9*	4	100	-	-	0	0	0	0	-	-	1	-	-	-
Nitrosodimethylamine[N-]	EPA:625	ug/L	3	0	0	*9.9*	*10.0333*	*10.2*	3	100	-	-	0	0	0	0	-	-	1	-	-	-
Nitrosodimethylamine[N-]	SW-846:8270C	ug/L	4	0	0	*10*	*10.35*	*10.9*	4	100	-	-	0	0	0	0	-	-	1	-	-	-
Nitroso-di-n-butylamine[N-]	SW-846:8270C	ug/L	4	0	0	*10*	*10.35*	*10.9*	4	100	-	-	0	0	0	0	-	-	1	-	-	-
Nitroso-di-n-propylamine[N-]	EPA:625	ug/L	3	0	0	*9.9*	*10.0333*	*10.2*	3	100	-	-	0	0	0	0	-	-	1	-	-	-
Nitroso-di-n-propylamine[N-]	SW-846:8270C	ug/L	4	0	0	*10*	*10.35*	*10.9*	4	100	-	-	0	0	0	0	-	-	1	-	-	-
Nitrosopyrrolidine[N-]	SW-846:8270C	ug/L	4	0	0	*10*	*10.35*	*10.9*	4	100	-	-	0	0	0	0	-	-	1	-	-	-
Oxybis(1-chloropropane)[2,2'-]	EPA:625	ug/L	3	0	0	*9.9*	*10.0333*	*10.2*	3	100	-	-	0	0	0	0	-	-	1	-	-	-
Oxybis(1-chloropropane)[2,2'-]	SW-846:8270C	ug/L	4	0	0	*10*	*10.35*	*10.9*	4	100	-	-	0	0	0	0	-	-	1	-	-	-
Pentachlorobenzene	SW-846:8270C	ug/L	4	0	0	*10*	*10.35*	*10.9*	4	100	-	-	0	0	0	0	-	-	1	-	-	-
Pentachlorophenol	EPA:625	ug/L	3	0	0	*9.9*	*10.0333*	*10.2*	3	100	-	-	0	0	0	0	19	AqAcU	1	-	-	-
Pentachlorophenol	SW-846:8270C	ug/L	4	0	0	*10*	*10.35*	*10.9*	4	100	-	-	0	0	0	0	19	AqAcU	1	-	-	-
Phenanthrene	EPA:625	ug/L	3	0	0	*0.99*	*0.99667*	*1*	3	100	-	-	0	0	0	0	-	-	1	-	-	-

Table B-6
Screening Table for Frijoles, Ancho, and Chaquehui Watersheds

Analyte	Method	Units	No. of Analyses	No. of Detects	D Rate %	Min	Mean	Max	No. of Non-detects	ND Rate %	BV	D> BV	ND> Std	D> Std	D> Std/2	D>Std/2 Rate %	Level	Std Type	Locations with Data (number)	D>Std (number of locations)	D>Std/2 (number of locations)	D>Std Stations
Phenanthrene	SW-846:8270C	ug/L	3	0	0	*1*	*1*	*1*	3	100	-	-	0	0	0	0	-	-	1	-	-	-
Phenol	EPA:625	ug/L	3	0	0	*9.9*	*10.0333*	*10.2*	3	100	-	-	0	0	0	0	-	-	1	-	-	-
Phenol	SW-846:8270C	ug/L	4	0	0	*10*	*10.35*	*10.9*	4	100	-	-	0	0	0	0	-	-	1	-	-	-
Pyrene	EPA:625	ug/L	3	0	0	*0.99*	*0.99667*	*1*	3	100	-	-	0	0	0	0	-	-	1	-	-	-
Pyrene	SW-846:8270C	ug/L	4	0	0	*1*	*1.0225*	*1.09*	4	100	-	-	0	0	0	0	-	-	1	-	-	-
Pyridine	EPA:625	ug/L	3	0	0	*9.9*	*10.0333*	*10.2*	3	100	-	-	0	0	0	0	-	-	1	-	-	-
Pyridine	SW-846:8270C	ug/L	1	0	0	*10.9*	*10.9*	*10.9*	1	100	-	-	0	0	0	0	-	-	1	-	-	-
Tetrachlorobenzene[1,2,4,5]	SW-846:8270C	ug/L	4	0	0	*10*	*10.35*	*10.9*	4	100	-	-	0	0	0	0	-	-	1	-	-	-
Tetrachlorophenol[2,3,4,6-]	SW-846:8270C	ug/L	4	0	0	*10*	*10.35*	*10.9*	4	100	-	-	0	0	0	0	-	-	1	-	-	-
Trichlorobenzene[1,2,4-]	EPA:625	ug/L	3	0	0	*9.9*	*10.0333*	*10.2*	3	100	-	-	0	0	0	0	-	-	1	-	-	-
Trichlorobenzene[1,2,4-]	SW-846:8270C	ug/L	4	0	0	*10*	*10.35*	*10.9*	4	100	-	-	0	0	0	0	-	-	1	-	-	-
Trichlorophenol[2,4,5-]	EPA:625	ug/L	3	0	0	*9.9*	*10.0333*	*10.2*	3	100	-	-	0	0	0	0	-	-	1	-	-	-
Trichlorophenol[2,4,5-]	SW-846:8270C	ug/L	4	0	0	*10*	*10.35*	*10.9*	4	100	-	-	0	0	0	0	-	-	1	-	-	-
Trichlorophenol[2,4,6-]	EPA:625	ug/L	3	0	0	*9.9*	*10.0333*	*10.2*	3	100	-	-	0	0	0	0	-	-	1	-	-	-
Trichlorophenol[2,4,6-]	SW-846:8270C	ug/L	4	0	0	*10*	*10.35*	*10.9*	4	100	-	-	0	0	0	0	-	-	1	-	-	-
Ancho, SVOA, UF, Perennial																						
Acenaphthene	EPA:625	ug/L	8	0	0	*0.98*	*1.02125*	*1.2*	8	100	-	-	0	0	0	0	990	HHPU	2	-	-	-
Acenaphthene	SW-846:8270C	ug/L	6	0	0	*1*	*1.02*	*1.06*	6	100	-	-	0	0	0	0	990	HHPU	2	-	-	-
Acenaphthylene	EPA:625	ug/L	8	0	0	*0.98*	*1.02125*	*1.2*	8	100	-	-	0	0	0	0	-	-	2	-	-	-
Acenaphthylene	SW-846:8270C	ug/L	6	0	0	*1*	*1.02*	*1.06*	6	100	-	-	0	0	0	0	-	-	2	-	-	-
Aniline	EPA:625	ug/L	8	0	0	*9.8*	*10.325*	*12.2*	8	100	-	-	0	0	0	0	-	-	2	-	-	-
Aniline	SW-846:8270C	ug/L	6	0	0	*10.2*	*10.3667*	*10.6*	6	100	-	-	0	0	0	0	-	-	2	-	-	-
Anthracene	EPA:625	ug/L	8	0	0	*0.98*	*1.02125*	*1.2*	8	100	-	-	0	0	0	0	40000	HHPU	2	-	-	-
Anthracene	SW-846:8270C	ug/L	6	0	0	*1*	*1.02*	*1.06*	6	100	-	-	0	0	0	0	40000	HHPU	2	-	-	-
Atrazine	SW-846:8270C	ug/L	6	0	0	*10.2*	*10.3667*	*10.6*	6	100	-	-	0	0	0	0	-	-	2	-	-	-
Azobenzene	EPA:625	ug/L	5	0	0	*10*	*10.58*	*12.2*	5	100	-	-	0	0	0	0	-	-	2	-	-	-
Azobenzene	SW-846:8270C	ug/L	6	0	0	*10.2*	*10.3667*	*10.6*	6	100	-	-	0	0	0	0	-	-	2	-	-	-
Benzidine	EPA:625	ug/L	7	0	0	*49*	*50.3*	*52.6*	7	100	-	-	7	0	0	0	0.002	HHPU	2	-	-	-
Benzidine	SW-846:8270C	ug/L	4	0	0	*10.6*	*41.45*	*52.1*	4	100	-	-	4	0	0	0	0.002	HHPU	2	-	-	-
Benzo(a)anthracene	EPA:625	ug/L	8	0	0	*0.98*	*1.02125*	*1.2*	8	100	-	-	8	0	0	0	0.18	HHPU	2	-	-	-
Benzo(a)anthracene	SW-846:8270C	ug/L	6	0	0	*1*	*1.02*	*1.06*	6	100	-	-	6	0	0	0	0.18	HHPU	2	-	-	-
Benzo(a)pyrene	EPA:625	ug/L	8	0	0	*0.98*	*1.02125*	*1.2*	8	100	-	-	8	0	0	0	0.18	HHPU	2	-	-	-
Benzo(a)pyrene	SW-846:8270C	ug/L	6	0	0	*1*	*1.02*	*1.06*	6	100	-	-	6	0	0	0	0.18	HHPU	2	-	-	-
Benzo(b)fluoranthene	EPA:625	ug/L	8	0	0	*0.98*	*1.02125*	*1.2*	8	100	-	-	8	0	0	0	0.18	HHPU	2	-	-	-
Benzo(b)fluoranthene	SW-846:8270C	ug/L	6	0	0	*1*	*1.02*	*1.06*	6	100	-	-	6	0	0	0	0.18	HHPU	2	-	-	-
Benzo(g,h,i)perylene	EPA:625	ug/L	8	0	0	*0.98*	*1.02125*	*1.2*	8	100	-	-	0	0	0	0	-	-	2	-	-	-
Benzo(g,h,i)perylene	SW-846:8270C	ug/L	6	0	0	*1*	*1.02*	*1.06*	6	100	-	-	0	0	0	0	-	-	2	-	-	-
Benzo(k)fluoranthene	EPA:625	ug/L	8	0	0	*0.98*	*1.02125*	*1.2*	8	100	-	-	8	0	0	0	0.18	HHPU	2	-	-	-
Benzo(k)fluoranthene	SW-846:8270C	ug/L	6	0	0	*1*	*1.02*	*1.06*	6	100	-	-	6	0	0	0	0.18	HHPU	2	-	-	-
Benzoic Acid	EPA:625	ug/L	7	0	0	*19.6*	*20.6*	*24.4*	7	100	-	-	0	0	0	0	-	-	2	-	-	-
Benzoic Acid	SW-846:8270C	ug/L	6	0	0	*20.4*	*20.75*	*21.3*	6	100	-	-	0	0	0	0	-	-	2	-	-	-
Benzyl Alcohol	EPA:625	ug/L	7	0	0	*9.8*	*10.3*	*12.2*	7	100	-	-	0	0	0	0	-	-	2	-	-	-
Benzyl Alcohol	SW-846:8270C	ug/L	6	0	0	*10.2*	*10.3667*	*10.6*	6	100	-	-	0	0	0	0	-	-	2	-	-	-
Bis(2-chloroethoxy)methane	EPA:625	ug/L	8	0	0	*9.8*	*10.325*	*12.2*	8	100	-	-	0	0	0	0	-	-	2	-	-	-
Bis(2-chloroethoxy)methane	SW-846:8270C	ug/L	6	0	0	*10.2*	*10.3667*	*10.6*	6	100	-	-	0	0	0	0	-	-	2	-	-	-
Bis(2-chloroethyl)ether	EPA:625	ug/L	8	0	0	*9.8*	*10.325*	*12.2*	8	100	-	-	8	0	0	0	5.3	HHPU	2	-	-	-
Bis(2-chloroethyl)ether	SW-846:8270C	ug/L	6	0	0	*10.2*	*10.3667*	*10.6*	6	100	-	-	6	0	0	0	5.3	HHPU	2	-	-	-
Bis(2-ethylhexyl)phthalate	EPA:625	ug/L	8	0	0	*9.8*	*10.325*	*12.2*	8	100	-	-	0	0	0	0	22	HHPU	2	-	-	-
Bis(2-ethylhexyl)phthalate	SW-846:8270C	ug/L	6	0	0	*10.2*	*10.3667*	*10.6*	6	100	-	-	0	0	0	0	22	HHPU	2	-	-	-
Bromophenyl-phenylether[4-]	EPA:625	ug/L	8	0	0	*9.8*	*10.325*	*12.2*	8	100	-	-	0	0	0	0	-	-	2	-	-	-
Bromophenyl-phenylether[4-]	SW-846:8270C	ug/L	6	0	0	*10.2*	*10.3667*	*10.6*	6	100	-	-	0	0	0	0	-	-	2	-	-	-
Butylbenzylphthalate	EPA:625	ug/L	8	0	0	*9.8*	*10.325*	*12.2*	8	100	-	-	0	0	0	0	1900	HHPU	2	-	-	-
Butylbenzylphthalate	SW-846:8270C	ug/L	6	0	0	*10.2*	*10.3667*	*10.6*	6	100	-	-	0	0	0	0	1900	HHPU	2	-	-	-
Chloro-3-methylphenol[4-]	EPA:625	ug/L	7	0	0	*9.8*	*10.3*	*12.2*	7	100	-	-	0	0	0	0	-	-	2	-	-	-
Chloro-3-methylphenol[4-]	SW-846:8270C	ug/L	6	0	0	*10.2*	*10.3667*	*10.6*	6	100	-	-	0	0	0	0	-	-	2	-	-	-
Chloroaniline[4-]	EPA:625	ug/L	8	0	0	*9.8*	*10.325*	*12.2*	8	100	-	-	0	0	0	0	-	-	2	-	-	-
Chloroaniline[4-]	SW-846:8270C	ug/L	6	0	0	*10.2*	*10.3667*	*10.6*	6	100	-	-	0	0	0	0	-	-	2	-	-	-
Chloronaphthalene[2-]	EPA:625	ug/L	8	0	0	*0.98*	*1.02125*	*1.2*	8	100	-	-	0	0	0	0	1600	HHPU	2	-	-	-
Chloronaphthalene[2-]	SW-846:8270C	ug/L	6	0	0	*1*	*1.02*	*1.06*	6	100	-	-	0	0	0	0	1600	HHPU	2	-	-	-

Table B-6
Screening Table for Frijoles, Ancho, and Chaquehui Watersheds

Analyte	Method	Units	No. of Analyses	No. of Detects	D Rate %	Min	Mean	Max	No. of Non-detects	ND Rate %	BV	D> BV	ND> Std	D> Std	D> Std/2	D>Std/2 Rate %	Level	Std Type	Locations with Data (number)	D>Std (number of locations)	D>Std/2 (number of locations)	D>Std Stations
Chlorophenol[2-]	EPA:625	ug/L	7	0	0	*9.8*	*10.3*	*12.2*	7	100	-	-	0	0	0	0	150	HHPU	2	-	-	-
Chlorophenol[2-]	SW-846:8270C	ug/L	6	0	0	*10.2*	*10.3667*	*10.6*	6	100	-	-	0	0	0	0	150	HHPU	2	-	-	-
Chlorophenyl-phenyl[4-] Ether	EPA:625	ug/L	8	0	0	*9.8*	*10.325*	*12.2*	8	100	-	-	0	0	0	0	-	-	2	-	-	-
Chlorophenyl-phenyl[4-] Ether	SW-846:8270C	ug/L	6	0	0	*10.2*	*10.3667*	*10.6*	6	100	-	-	0	0	0	0	-	-	2	-	-	-
Chrysene	EPA:625	ug/L	8	0	0	*0.98*	*1.02125*	*1.2*	8	100	-	-	8	0	0	0	0.18	HHPU	2	-	-	-
Chrysene	SW-846:8270C	ug/L	6	0	0	*1*	*1.02*	*1.06*	6	100	-	-	6	0	0	0	0.18	HHPU	2	-	-	-
Dibenz(a,h)anthracene	EPA:625	ug/L	8	0	0	*0.98*	*1.02125*	*1.2*	8	100	-	-	8	0	0	0	0.18	HHPU	2	-	-	-
Dibenz(a,h)anthracene	SW-846:8270C	ug/L	6	0	0	*1*	*1.02*	*1.06*	6	100	-	-	6	0	0	0	0.18	HHPU	2	-	-	-
Dibenzofuran	EPA:625	ug/L	8	0	0	*9.8*	*10.325*	*12.2*	8	100	-	-	0	0	0	0	-	-	2	-	-	-
Dibenzofuran	SW-846:8270C	ug/L	5	0	0	*10.2*	*10.32*	*10.4*	5	100	-	-	0	0	0	0	-	-	2	-	-	-
Dichlorobenzene[1,2-]	EPA:625	ug/L	8	0	0	*9.8*	*10.325*	*12.2*	8	100	-	-	0	0	0	0	17000	HHPU	2	-	-	-
Dichlorobenzene[1,2-]	SW-846:8270C	ug/L	6	0	0	*10.2*	*10.3667*	*10.6*	6	100	-	-	0	0	0	0	17000	HHPU	2	-	-	-
Dichlorobenzene[1,3-]	EPA:625	ug/L	8	0	0	*9.8*	*10.325*	*12.2*	8	100	-	-	0	0	0	0	960	HHPU	2	-	-	-
Dichlorobenzene[1,3-]	SW-846:8270C	ug/L	6	0	0	*10.2*	*10.3667*	*10.6*	6	100	-	-	0	0	0	0	960	HHPU	2	-	-	-
Dichlorobenzene[1,4-]	EPA:625	ug/L	8	0	0	*9.8*	*10.325*	*12.2*	8	100	-	-	0	0	0	0	2600	HHPU	2	-	-	-
Dichlorobenzene[1,4-]	SW-846:8270C	ug/L	6	0	0	*10.2*	*10.3667*	*10.6*	6	100	-	-	0	0	0	0	2600	HHPU	2	-	-	-
Dichlorobenzidine[3,3'-]	EPA:625	ug/L	8	0	0	*9.8*	*10.325*	*12.2*	8	100	-	-	8	0	0	0	0.28	HHPU	2	-	-	-
Dichlorobenzidine[3,3'-]	SW-846:8270C	ug/L	6	0	0	*10.2*	*10.3667*	*10.6*	6	100	-	-	6	0	0	0	0.28	HHPU	2	-	-	-
Dichlorophenol[2,4-]	EPA:625	ug/L	7	0	0	*9.8*	*10.3*	*12.2*	7	100	-	-	0	0	0	0	290	HHPU	2	-	-	-
Dichlorophenol[2,4-]	SW-846:8270C	ug/L	6	0	0	*10.2*	*10.3667*	*10.6*	6	100	-	-	0	0	0	0	290	HHPU	2	-	-	-
Diethylphthalate	EPA:625	ug/L	8	0	0	*9.8*	*10.325*	*12.2*	8	100	-	-	0	0	0	0	44000	HHPU	2	-	-	-
Diethylphthalate	SW-846:8270C	ug/L	6	0	0	*10.2*	*10.3667*	*10.6*	6	100	-	-	0	0	0	0	44000	HHPU	2	-	-	-
Dimethyl Phthalate	EPA:625	ug/L	8	0	0	*9.8*	*10.325*	*12.2*	8	100	-	-	0	0	0	0	1100000	HHPU	2	-	-	-
Dimethyl Phthalate	SW-846:8270C	ug/L	6	0	0	*10.2*	*10.3667*	*10.6*	6	100	-	-	0	0	0	0	1100000	HHPU	2	-	-	-
Dimethylphenol[2,4-]	EPA:625	ug/L	7	0	0	*9.8*	*10.3*	*12.2*	7	100	-	-	0	0	0	0	850	HHPU	2	-	-	-
Dimethylphenol[2,4-]	SW-846:8270C	ug/L	5	0	0	*10.2*	*10.32*	*10.4*	5	100	-	-	0	0	0	0	850	HHPU	2	-	-	-
Di-n-butylphthalate	EPA:625	ug/L	8	0	0	*9.8*	*10.325*	*12.2*	8	100	-	-	0	0	0	0	4500	HHPU	2	-	-	-
Di-n-butylphthalate	SW-846:8270C	ug/L	6	0	0	*10.2*	*10.3667*	*10.6*	6	100	-	-	0	0	0	0	4500	HHPU	2	-	-	-
Dinitro-2-methylphenol[4,6-]	EPA:625	ug/L	7	0	0	*9.8*	*10.3*	*12.2*	7	100	-	-	0	0	0	0	280	HHPU	2	-	-	-
Dinitro-2-methylphenol[4,6-]	SW-846:8270C	ug/L	6	0	0	*10.2*	*10.3667*	*10.6*	6	100	-	-	0	0	0	0	280	HHPU	2	-	-	-
Dinitrophenol[2,4-]	EPA:625	ug/L	7	0	0	*19.6*	*20.6*	*24.4*	7	100	-	-	0	0	0	0	5300	HHPU	2	-	-	-
Dinitrophenol[2,4-]	SW-846:8270C	ug/L	6	0	0	*20.4*	*20.75*	*21.3*	6	100	-	-	0	0	0	0	5300	HHPU	2	-	-	-
Dinitrotoluene[2,4-]	EPA:625	ug/L	8	0	0	*9.8*	*10.325*	*12.2*	8	100	-	-	0	0	0	0	34	HHPU	2	-	-	-
Dinitrotoluene[2,4-]	SW-846:8270C	ug/L	6	0	0	*10.2*	*10.3667*	*10.6*	6	100	-	-	0	0	0	0	34	HHPU	2	-	-	-
Dinitrotoluene[2,6-]	EPA:625	ug/L	8	0	0	*9.8*	*10.325*	*12.2*	8	100	-	-	0	0	0	0	-	-	2	-	-	-
Dinitrotoluene[2,6-]	SW-846:8270C	ug/L	6	0	0	*10.2*	*10.3667*	*10.6*	6	100	-	-	0	0	0	0	-	-	2	-	-	-
Di-n-octylphthalate	EPA:625	ug/L	8	0	0	*9.8*	*10.325*	*12.2*	8	100	-	-	0	0	0	0	-	-	2	-	-	-
Di-n-octylphthalate	SW-846:8270C	ug/L	6	0	0	*10.2*	*10.3667*	*10.6*	6	100	-	-	0	0	0	0	-	-	2	-	-	-
Dinoseb	SW-846:8270C	ug/L	6	0	0	*10.2*	*10.3667*	*10.6*	6	100	-	-	0	0	0	0	-	-	2	-	-	-
Dioxane[1,4-]	SW-846:8270C	ug/L	3	0	0	*10.2*	*10.4*	*10.6*	3	100	-	-	0	0	0	0	-	-	2	-	-	-
Diphenylamine	EPA:625	ug/L	8	0	0	*9.8*	*10.325*	*12.2*	8	100	-	-	0	0	0	0	-	-	2	-	-	-
Diphenylamine	SW-846:8270C	ug/L	6	0	0	*10.2*	*10.3667*	*10.6*	6	100	-	-	0	0	0	0	-	-	2	-	-	-
Diphenylhydrazine[1,2-]	EPA:625	ug/L	3	0	0	*9.8*	*9.9*	*10*	3	100	-	-	3	0	0	0	2	HHPU	2	-	-	-
Fluoranthene	EPA:625	ug/L	8	0	0	*0.98*	*1.02125*	*1.2*	8	100	-	-	0	0	0	0	140	HHPU	2	-	-	-
Fluoranthene	SW-846:8270C	ug/L	6	0	0	*1*	*1.02*	*1.06*	6	100	-	-	0	0	0	0	140	HHPU	2	-	-	-
Fluorene	EPA:625	ug/L	8	0	0	*0.98*	*1.02125*	*1.2*	8	100	-	-	0	0	0	0	5300	HHPU	2	-	-	-
Fluorene	SW-846:8270C	ug/L	6	0	0	*1*	*1.02*	*1.06*	6	100	-	-	0	0	0	0	5300	HHPU	2	-	-	-
Hexachlorobenzene	EPA:625	ug/L	8	0	0	*9.8*	*10.325*	*12.2*	8	100	-	-	8	0	0	0	0.0029	HHPU	2	-	-	-
Hexachlorobenzene	SW-846:8270C	ug/L	6	0	0	*10.2*	*10.3667*	*10.6*	6	100	-	-	6	0	0	0	0.0029	HHPU	2	-	-	-
Hexachlorobutadiene	EPA:625	ug/L	8	0	0	*9.8*	*10.325*	*12.2*	8	100	-	-	0	0	0	0	180	HHPU	2	-	-	-
Hexachlorobutadiene	SW-846:8270C	ug/L	6	0	0	*10.2*	*10.3667*	*10.6*	6	100	-	-	0	0	0	0	180	HHPU	2	-	-	-
Hexachlorocyclopentadiene	EPA:625	ug/L	8	0	0	*9.8*	*10.325*	*12.2*	8	100	-	-	0	0	0	0	17000	HHPU	2	-	-	-
Hexachlorocyclopentadiene	SW-846:8270C	ug/L	6	0	0	*10.2*	*10.3667*	*10.6*	6	100	-	-	0	0	0	0	17000	HHPU	2	-	-	-
Hexachloroethane	EPA:625	ug/L	8	0	0	*9.8*	*10.325*	*12.2*	8	100	-	-	0	0	0	0	33	HHPU	2	-	-	-
Hexachloroethane	SW-846:8270C	ug/L	6	0	0	*10.2*	*10.3667*	*10.6*	6	100	-	-	0	0	0	0	33	HHPU	2	-	-	-
Indeno(1,2,3-cd)pyrene	EPA:625	ug/L	8	0	0	*0.98*	*1.02125*	*1.2*	8	100	-	-	8	0	0	0	0.18	HHPU	2	-	-	-
Indeno(1,2,3-cd)pyrene	SW-846:8270C	ug/L	6	0	0	*1*	*1.02*	*1.06*	6	100	-	-	6	0	0	0	0.18	HHPU	2	-	-	-
Isophorone	EPA:625	ug/L	8	0	0	*9.8*	*10.325*	*12.2*	8	100	-	-	0	0	0	0	9600	HHPU	2	-	-	-
Isophorone	SW-846:8270C	ug/L	6	0	0	*10.2*	*10.3667*	*10.6*	6	100	-	-	0	0	0	0	9600	HHPU	2	-	-	-

Table B-6
Screening Table for Frijoles, Ancho, and Chaquehui Watersheds

Analyte	Method	Units	No. of Analyses	No. of Detects	D Rate %	Min	Mean	Max	No. of Non-detects	ND Rate %	BV	D> BV	ND> Std	D> Std	D> Std/2	D>Std/2 Rate %	Level	Std Type	Locations with Data (number)	D>Std (number of locations)	D>Std/2 (number of locations)	D>Std Stations
Methylnaphthalene[1-]	SW-846:8270C	ug/L	6	0	0	1	1.02	1.06	6	100	-	-	0	0	0	0	-	-	2	-	-	-
Methylnaphthalene[2-]	EPA:625	ug/L	8	0	0	0.98	1.02125	1.2	8	100	-	-	0	0	0	0	-	-	2	-	-	-
Methylnaphthalene[2-]	SW-846:8270C	ug/L	6	0	0	1	1.02	1.06	6	100	-	-	0	0	0	0	-	-	2	-	-	-
Methylphenol[2-]	EPA:625	ug/L	7	0	0	9.8	10.3	12.2	7	100	-	-	0	0	0	0	-	-	2	-	-	-
Methylphenol[2-]	SW-846:8270C	ug/L	6	0	0	10.2	10.3667	10.6	6	100	-	-	0	0	0	0	-	-	2	-	-	-
Methylphenol[3-,4-]	SW-846:8270C	ug/L	6	0	0	10.2	10.3667	10.6	6	100	-	-	0	0	0	0	-	-	2	-	-	-
Methylphenol[4-]	EPA:625	ug/L	7	0	0	9.8	10.3	12.2	7	100	-	-	0	0	0	0	-	-	2	-	-	-
Methylpyridine[2-]	EPA:625	ug/L	8	0	0	9.8	10.325	12.2	8	100	-	-	0	0	0	0	-	-	2	-	-	-
Naphthalene	EPA:625	ug/L	8	0	0	0.98	1.02125	1.2	8	100	-	-	0	0	0	0	-	-	2	-	-	-
Naphthalene	SW-846:8270C	ug/L	6	0	0	1	1.02	1.06	6	100	-	-	0	0	0	0	-	-	2	-	-	-
Nitroaniline[2-]	EPA:625	ug/L	8	0	0	9.8	10.325	12.2	8	100	-	-	0	0	0	0	-	-	2	-	-	-
Nitroaniline[2-]	SW-846:8270C	ug/L	6	0	0	10.2	10.3667	10.6	6	100	-	-	0	0	0	0	-	-	2	-	-	-
Nitroaniline[3-]	EPA:625	ug/L	8	0	0	9.8	10.325	12.2	8	100	-	-	0	0	0	0	-	-	2	-	-	-
Nitroaniline[3-]	SW-846:8270C	ug/L	6	0	0	10.2	10.3667	10.6	6	100	-	-	0	0	0	0	-	-	2	-	-	-
Nitroaniline[4-]	EPA:625	ug/L	8	0	0	9.8	10.325	12.2	8	100	-	-	0	0	0	0	-	-	2	-	-	-
Nitroaniline[4-]	SW-846:8270C	ug/L	6	0	0	10.2	10.3667	10.6	6	100	-	-	0	0	0	0	-	-	2	-	-	-
Nitrobenzene	EPA:625	ug/L	8	0	0	9.8	10.325	12.2	8	100	-	-	0	0	0	0	690	HHPU	2	-	-	-
Nitrobenzene	SW-846:8270C	ug/L	6	0	0	10.2	10.3667	10.6	6	100	-	-	0	0	0	0	690	HHPU	2	-	-	-
Nitrophenol[2-]	EPA:625	ug/L	7	0	0	9.8	10.3	12.2	7	100	-	-	0	0	0	0	-	-	2	-	-	-
Nitrophenol[2-]	SW-846:8270C	ug/L	6	0	0	10.2	10.3667	10.6	6	100	-	-	0	0	0	0	-	-	2	-	-	-
Nitrophenol[4-]	EPA:625	ug/L	7	0	0	9.8	10.3	12.2	7	100	-	-	0	0	0	0	-	-	2	-	-	-
Nitrophenol[4-]	SW-846:8270C	ug/L	6	0	0	10.2	10.3667	10.6	6	100	-	-	0	0	0	0	-	-	2	-	-	-
Nitrosodiethylamine[N-]	SW-846:8270C	ug/L	6	0	0	10.2	10.3667	10.6	6	100	-	-	0	0	0	0	-	-	2	-	-	-
Nitrosodimethylamine[N-]	EPA:625	ug/L	8	0	0	9.8	10.325	12.2	8	100	-	-	0	0	0	0	30	HHPU	2	-	-	-
Nitrosodimethylamine[N-]	SW-846:8270C	ug/L	6	0	0	10.2	10.3667	10.6	6	100	-	-	0	0	0	0	30	HHPU	2	-	-	-
Nitroso-di-n-butylamine[N-]	SW-846:8270C	ug/L	6	0	0	10.2	10.3667	10.6	6	100	-	-	0	0	0	0	-	-	2	-	-	-
Nitroso-di-n-propylamine[N-]	EPA:625	ug/L	8	0	0	9.8	10.325	12.2	8	100	-	-	8	0	0	0	5.1	HHPU	2	-	-	-
Nitroso-di-n-propylamine[N-]	SW-846:8270C	ug/L	6	0	0	10.2	10.3667	10.6	6	100	-	-	6	0	0	0	5.1	HHPU	2	-	-	-
Nitrosopyrrolidine[N-]	SW-846:8270C	ug/L	6	0	0	10.2	10.3667	10.6	6	100	-	-	0	0	0	0	-	-	2	-	-	-
Oxybis(1-chloropropane)[2,2'-]	EPA:625	ug/L	8	0	0	9.8	10.325	12.2	8	100	-	-	0	0	0	0	65000	HHPU	2	-	-	-
Oxybis(1-chloropropane)[2,2'-]	SW-846:8270C	ug/L	6	0	0	10.2	10.3667	10.6	6	100	-	-	0	0	0	0	65000	HHPU	2	-	-	-
Pentachlorobenzene	SW-846:8270C	ug/L	6	0	0	10.2	10.3667	10.6	6	100	-	-	0	0	0	0	-	-	2	-	-	-
Pentachlorophenol	EPA:625	ug/L	7	0	0	9.8	10.3	12.2	7	100	-	-	0	0	0	0	19	AqAcU	2	-	-	-
Pentachlorophenol	SW-846:8270C	ug/L	6	0	0	10.2	10.3667	10.6	6	100	-	-	0	0	0	0	19	AqAcU	2	-	-	-
Phenanthrene	EPA:625	ug/L	8	0	0	0.98	1.02125	1.2	8	100	-	-	0	0	0	0	-	-	2	-	-	-
Phenanthrene	SW-846:8270C	ug/L	5	0	0	1	1.012	1.04	5	100	-	-	0	0	0	0	-	-	2	-	-	-
Phenol	EPA:625	ug/L	7	0	0	9.8	10.3	12.2	7	100	-	-	0	0	0	0	1700000	HHPU	2	-	-	-
Phenol	SW-846:8270C	ug/L	6	0	0	10.2	10.3667	10.6	6	100	-	-	0	0	0	0	1700000	HHPU	2	-	-	-
Pyrene	EPA:625	ug/L	8	0	0	0.98	1.02125	1.2	8	100	-	-	0	0	0	0	4000	HHPU	2	-	-	-
Pyrene	SW-846:8270C	ug/L	6	0	0	1	1.02	1.06	6	100	-	-	0	0	0	0	4000	HHPU	2	-	-	-
Pyridine	EPA:625	ug/L	8	0	0	9.8	10.325	12.2	8	100	-	-	0	0	0	0	-	-	2	-	-	-
Pyridine	SW-846:8270C	ug/L	1	0	0	10.6	10.6	10.6	1	100	-	-	0	0	0	0	-	-	1	-	-	-
Tetrachlorobenzene[1,2,4,5]	SW-846:8270C	ug/L	6	0	0	10.2	10.3667	10.6	6	100	-	-	0	0	0	0	-	-	2	-	-	-
Tetrachlorophenol[2,3,4,6-]	SW-846:8270C	ug/L	6	0	0	10.2	10.3667	10.6	6	100	-	-	0	0	0	0	-	-	2	-	-	-
Trichlorobenzene[1,2,4-]	EPA:625	ug/L	8	0	0	9.8	10.325	12.2	8	100	-	-	0	0	0	0	940	HHPU	2	-	-	-
Trichlorobenzene[1,2,4-]	SW-846:8270C	ug/L	6	0	0	10.2	10.3667	10.6	6	100	-	-	0	0	0	0	940	HHPU	2	-	-	-
Trichlorophenol[2,4,5-]	EPA:625	ug/L	7	0	0	9.8	10.3	12.2	7	100	-	-	0	0	0	0	-	-	2	-	-	-
Trichlorophenol[2,4,5-]	SW-846:8270C	ug/L	6	0	0	10.2	10.3667	10.6	6	100	-	-	0	0	0	0	-	-	2	-	-	-
Trichlorophenol[2,4,6-]	EPA:625	ug/L	7	0	0	9.8	10.3	12.2	7	100	-	-	0	0	0	0	24	HHPU	2	-	-	-
Trichlorophenol[2,4,6-]	SW-846:8270C	ug/L	4	0	0	10.2	10.4	10.6	4	100	-	-	0	0	0	0	24	HHPU	2	-	-	-
Ancho, SVOA, UF, Regional																						
Acenaphthene	SW-846:8270	ug/L	6	0	0	1	1.03333	1.2	6	100	-	-	0	0	0	0	365	Reg6	4	-	-	-
Acenaphthene	SW-846:8270C	ug/L	28	0	0	0.98	1.135	2.5	28	100	-	-	0	0	0	0	365	Reg6	4	-	-	-
Acenaphthylene	SW-846:8270	ug/L	6	0	0	1	1.03333	1.2	6	100	-	-	0	0	0	0	-	-	4	-	-	-
Acenaphthylene	SW-846:8270C	ug/L	28	0	0	0.98	1.135	2.5	28	100	-	-	0	0	0	0	-	-	4	-	-	-
Aniline	SW-846:8270	ug/L	6	0	0	10	10.4	12	6	100	-	-	0	0	0	0	117.9501	Reg6	4	-	-	-
Aniline	SW-846:8270C	ug/L	28	0	0	9.8	11.3607	25	28	100	-	-	0	0	0	0	117.9501	Reg6	4	-	-	-
Anthracene	SW-846:8270	ug/L	6	0	0	1	1.03333	1.2	6	100	-	-	0	0	0	0	1825	Reg6	4	-	-	-
Anthracene	SW-846:8270C	ug/L	28	0	0	0.98	1.135	2.5	28	100	-	-	0	0	0	0	1825	Reg6	4	-	-	-

Table B-6
Screening Table for Frijoles, Ancho, and Chaquehui Watersheds

Analyte	Method	Units	No. of Analyses	No. of Detects	D Rate %	Min	Mean	Max	No. of Non-detects	ND Rate %	BV	D> BV	ND> Std	D> Std	D> Std/2	D>Std/2 Rate %	Level	Std Type	Locations with Data (number)	D>Std (number of locations)	D>Std/2 (number of locations)	D>Std Stations
Atrazine	SW-846:8270C	ug/L	26	0	0	9.8	11.4538	25	26	100	-	-	26	0	0	0	3	MCL	4	-	-	-
Azobenzene	SW-846:8270	ug/L	6	0	0	10	10.4	12	6	100	-	-	6	0	0	0	6.111958	Reg6	4	-	-	-
Azobenzene	SW-846:8270C	ug/L	26	0	0	9.8	11.4538	25	26	100	-	-	26	0	0	0	6.111958	Reg6	4	-	-	-
Benzidine	SW-846:8270	ug/L	4	0	0	50	50.25	51	4	100	-	-	4	0	0	0	0.000936258	Reg6	3	-	-	-
Benzidine	SW-846:8270C	ug/L	23	0	0	10.3	37.6783	104	23	100	-	-	23	0	0	0	0.000936258	Reg6	4	-	-	-
Benzo(a)anthracene	SW-846:8270	ug/L	6	0	0	1	1.03333	1.2	6	100	-	-	6	0	0	0	0.2949853	Reg6	4	-	-	-
Benzo(a)anthracene	SW-846:8270C	ug/L	28	0	0	0.98	1.135	2.5	28	100	-	-	28	0	0	0	0.2949853	Reg6	4	-	-	-
Benzo(a)pyrene	SW-846:8270	ug/L	6	0	0	1	1.03333	1.2	6	100	-	-	6	0	0	0	0.2	MCL	4	-	-	-
Benzo(a)pyrene	SW-846:8270C	ug/L	28	0	0	0.98	1.135	2.5	28	100	-	-	28	0	0	0	0.2	MCL	4	-	-	-
Benzo(b)fluoranthene	SW-846:8270	ug/L	6	0	0	1	1.03333	1.2	6	100	-	-	6	0	0	0	0.2949853	Reg6	4	-	-	-
Benzo(b)fluoranthene	SW-846:8270C	ug/L	28	0	0	0.98	1.135	2.5	28	100	-	-	28	0	0	0	0.2949853	Reg6	4	-	-	-
Benzo(g,h,i)perylene	SW-846:8270	ug/L	6	0	0	1	1.03333	1.2	6	100	-	-	0	0	0	0	-	-	4	-	-	-
Benzo(g,h,i)perylene	SW-846:8270C	ug/L	28	0	0	0.98	1.135	2.5	28	100	-	-	0	0	0	0	-	-	4	-	-	-
Benzo(k)fluoranthene	SW-846:8270	ug/L	6	0	0	1	1.03333	1.2	6	100	-	-	0	0	0	0	2.949853	Reg6	4	-	-	-
Benzo(k)fluoranthene	SW-846:8270C	ug/L	28	0	0	0.98	1.135	2.5	28	100	-	-	0	0	0	0	2.949853	Reg6	4	-	-	-
Benzoic Acid	SW-846:8270	ug/L	4	0	0	20	21.225	24.1	4	100	-	-	0	0	0	0	146000	Reg6	4	-	-	-
Benzoic Acid	SW-846:8270C	ug/L	28	0	0	19.6	22.7357	50	28	100	-	-	0	0	0	0	146000	Reg6	4	-	-	-
Benzyl Alcohol	SW-846:8270	ug/L	6	0	0	10	10.4	12	6	100	-	-	0	0	0	0	10950	Reg6	4	-	-	-
Benzyl Alcohol	SW-846:8270C	ug/L	28	0	0	9.8	11.3607	25	28	100	-	-	0	0	0	0	10950	Reg6	4	-	-	-
Bis(2-chloroethoxy)methane	SW-846:8270	ug/L	6	0	0	10	10.4	12	6	100	-	-	0	0	0	0	-	-	4	-	-	-
Bis(2-chloroethoxy)methane	SW-846:8270C	ug/L	28	0	0	9.8	11.3607	25	28	100	-	-	0	0	0	0	-	-	4	-	-	-
Bis(2-chloroethyl)ether	SW-846:8270	ug/L	6	0	0	10	10.4	12	6	100	-	-	6	0	0	0	0.602164	Reg6	4	-	-	-
Bis(2-chloroethyl)ether	SW-846:8270C	ug/L	28	0	0	9.8	11.3607	25	28	100	-	-	28	0	0	0	0.602164	Reg6	4	-	-	-
Bis(2-ethylhexyl)phthalate	SW-846:8270	ug/L	6	3	50	2.7	3.166667	4	3	50	-	-	2	0	1	17	6	MCL	4	-	1	-
Bis(2-ethylhexyl)phthalate	SW-846:8270C	ug/L	28	4	14	0.55	1.6125	2.96	24	86	-	-	23	0	0	0	6	MCL	4	-	-	-
Bromophenyl-phenylether[4-]	SW-846:8270	ug/L	6	0	0	10	10.4	12	6	100	-	-	0	0	0	0	-	-	4	-	-	-
Bromophenyl-phenylether[4-]	SW-846:8270C	ug/L	28	0	0	9.8	11.3607	25	28	100	-	-	0	0	0	0	-	-	4	-	-	-
Butylbenzylphthalate	SW-846:8270	ug/L	6	0	0	10	10.4	12	6	100	-	-	0	0	0	0	7300	Reg6	4	-	-	-
Butylbenzylphthalate	SW-846:8270C	ug/L	28	0	0	9.8	11.3607	25	28	100	-	-	0	0	0	0	7300	Reg6	4	-	-	-
Chloro-3-methylphenol[4-]	SW-846:8270	ug/L	6	0	0	10	10.4	12	6	100	-	-	0	0	0	0	-	-	4	-	-	-
Chloro-3-methylphenol[4-]	SW-846:8270C	ug/L	28	0	0	9.8	11.3607	25	28	100	-	-	0	0	0	0	-	-	4	-	-	-
Chloroaniline[4-]	SW-846:8270	ug/L	6	0	0	10	10.4	12	6	100	-	-	0	0	0	0	146	Reg6	4	-	-	-
Chloroaniline[4-]	SW-846:8270C	ug/L	28	0	0	9.8	11.3607	25	28	100	-	-	0	0	0	0	146	Reg6	4	-	-	-
Chloronaphthalene[2-]	SW-846:8270	ug/L	6	0	0	1	1.03333	1.2	6	100	-	-	0	0	0	0	486.6667	Reg6	4	-	-	-
Chloronaphthalene[2-]	SW-846:8270C	ug/L	28	0	0	0.98	1.135	2.5	28	100	-	-	0	0	0	0	486.6667	Reg6	4	-	-	-
Chlorophenol[2-]	SW-846:8270	ug/L	6	0	0	10	10.4	12	6	100	-	-	0	0	0	0	30.41667	Reg6	4	-	-	-
Chlorophenol[2-]	SW-846:8270C	ug/L	28	0	0	9.8	11.3607	25	28	100	-	-	0	0	0	0	30.41667	Reg6	4	-	-	-
Chlorophenyl-phenyl[4-] Ether	SW-846:8270	ug/L	6	0	0	10	10.4	12	6	100	-	-	0	0	0	0	-	-	4	-	-	-
Chlorophenyl-phenyl[4-] Ether	SW-846:8270C	ug/L	28	0	0	9.8	11.3607	25	28	100	-	-	0	0	0	0	-	-	4	-	-	-
Chrysene	SW-846:8270	ug/L	6	0	0	1	1.03333	1.2	6	100	-	-	6	0	0	0	0.2	MCL	4	-	-	-
Chrysene	SW-846:8270C	ug/L	28	0	0	0.98	1.135	2.5	28	100	-	-	28	0	0	0	0.2	MCL	4	-	-	-
Dibenz(a,h)anthracene	SW-846:8270	ug/L	6	0	0	1	1.03333	1.2	6	100	-	-	6	0	0	0	0.02949853	Reg6	4	-	-	-
Dibenz(a,h)anthracene	SW-846:8270C	ug/L	28	0	0	0.98	1.135	2.5	28	100	-	-	28	0	0	0	0.02949853	Reg6	4	-	-	-
Dibenzofuran	SW-846:8270	ug/L	6	0	0	10	10.4	12	6	100	-	-	0	0	0	0	12.16667	Reg6	4	-	-	-
Dibenzofuran	SW-846:8270C	ug/L	28	0	0	9.8	11.3607	25	28	100	-	-	2	0	0	0	12.16667	Reg6	4	-	-	-
Dichlorobenzene[1,2-]	SW-846:8270	ug/L	6	0	0	10	10.4	12	6	100	-	-	0	0	0	0	600	MCL	4	-	-	-
Dichlorobenzene[1,2-]	SW-846:8270C	ug/L	28	0	0	9.8	11.3607	25	28	100	-	-	0	0	0	0	600	MCL	4	-	-	-
Dichlorobenzene[1,3-]	SW-846:8270	ug/L	6	0	0	10	10.4	12	6	100	-	-	0	0	0	0	600	MCL	4	-	-	-
Dichlorobenzene[1,3-]	SW-846:8270C	ug/L	28	0	0	9.8	11.3607	25	28	100	-	-	0	0	0	0	600	MCL	4	-	-	-
Dichlorobenzene[1,4-]	SW-846:8270	ug/L	6	0	0	10	10.4	12	6	100	-	-	0	0	0	0	75	MCL	4	-	-	-
Dichlorobenzene[1,4-]	SW-846:8270C	ug/L	28	0	0	9.8	11.3607	25	28	100	-	-	0	0	0	0	75	MCL	4	-	-	-
Dichlorobenzidine[3,3'-]	SW-846:8270	ug/L	6	0	0	10	10.4	12	6	100	-	-	6	0	0	0	1.494034	Reg6	4	-	-	-
Dichlorobenzidine[3,3'-]	SW-846:8270C	ug/L	28	0	0	9.8	11.3607	25	28	100	-	-	28	0	0	0	1.494034	Reg6	4	-	-	-
Dichlorophenol[2,4-]	SW-846:8270	ug/L	6	0	0	10	10.4	12	6	100	-	-	0	0	0	0	109.5	Reg6	4	-	-	-
Dichlorophenol[2,4-]	SW-846:8270C	ug/L	28	0	0	9.8	11.3607	25	28	100	-	-	0	0	0	0	109.5	Reg6	4	-	-	-
Diethylphthalate	SW-846:8270	ug/L	6	0	0	10	10.4	12	6	100	-	-	0	0	0	0	29200	Reg6	4	-	-	-
Diethylphthalate	SW-846:8270C	ug/L	28	0	0	9.8	11.3607	25	28	100	-	-	0	0	0	0	29200	Reg6	4	-	-	-
Dimethyl Phthalate	SW-846:8270	ug/L	6	0	0	10	10.4	12	6	100	-	-	0	0	0	0	365000	Reg6	4	-	-	-
Dimethyl Phthalate	SW-846:8270C	ug/L	28	0	0	9.8	11.3607	25	28	100	-	-	0	0	0	0	365000	Reg6	4	-	-	-

Table B-6
Screening Table for Frijoles, Ancho, and Chaquehui Watersheds

Analyte	Method	Units	No. of Analyses	No. of Detects	D Rate %	Min	Mean	Max	No. of Non-detects	ND Rate %	BV	D> BV	ND> Std	D> Std	D> Std/2	D>Std/2 Rate %	Level	Std Type	Locations with Data (number)	D>Std (number of locations)	D>Std/2 (number of locations)	D>Std Stations
Dimethylphenol[2,4-]	SW-846:8270	ug/L	6	0	0	*10*	*10.4*	*12*	6	100	-	-	0	0	0	0	730	Reg6	4	-	-	-
Dimethylphenol[2,4-]	SW-846:8270C	ug/L	22	0	0	*9.8*	*11.1864*	*25*	22	100	-	-	0	0	0	0	730	Reg6	4	-	-	-
Di-n-butylphthalate	SW-846:8270	ug/L	6	0	0	*10*	*10.4*	*12*	6	100	-	-	0	0	0	0	3650	Reg6	4	-	-	-
Di-n-butylphthalate	SW-846:8270C	ug/L	28	0	0	*9.8*	*11.3607*	*25*	28	100	-	-	0	0	0	0	3650	Reg6	4	-	-	-
Dinitro-2-methylphenol[4,6-]	SW-846:8270	ug/L	6	0	0	*10*	*10.4*	*12*	6	100	-	-	0	0	0	0	-	-	4	-	-	-
Dinitro-2-methylphenol[4,6-]	SW-846:8270C	ug/L	28	0	0	*9.8*	*11.3607*	*25*	28	100	-	-	0	0	0	0	-	-	4	-	-	-
Dinitrophenol[2,4-]	SW-846:8270	ug/L	6	0	0	*20*	*20.8167*	*24.1*	6	100	-	-	0	0	0	0	73	Reg6	4	-	-	-
Dinitrophenol[2,4-]	SW-846:8270C	ug/L	28	0	0	*19.6*	*22.7357*	*50*	28	100	-	-	0	0	0	0	73	Reg6	4	-	-	-
Dinitrotoluene[2,4-]	SW-846:8270	ug/L	6	0	0	*10*	*10.4*	*12*	6	100	-	-	0	0	0	0	73	Reg6	4	-	-	-
Dinitrotoluene[2,4-]	SW-846:8270C	ug/L	28	0	0	*9.8*	*11.3607*	*25*	28	100	-	-	0	0	0	0	73	Reg6	4	-	-	-
Dinitrotoluene[2,6-]	SW-846:8270	ug/L	6	0	0	*10*	*10.4*	*12*	6	100	-	-	0	0	0	0	36.5	Reg6	4	-	-	-
Dinitrotoluene[2,6-]	SW-846:8270C	ug/L	28	0	0	*9.8*	*11.3607*	*25*	28	100	-	-	0	0	0	0	36.5	Reg6	4	-	-	-
Di-n-octylphthalate	SW-846:8270	ug/L	6	0	0	*10*	*10.4*	*12*	6	100	-	-	0	0	0	0	-	-	4	-	-	-
Di-n-octylphthalate	SW-846:8270C	ug/L	28	0	0	*9.8*	*11.3607*	*25*	28	100	-	-	0	0	0	0	-	-	4	-	-	-
Dinoseb	SW-846:8270C	ug/L	26	0	0	*9.8*	*11.4538*	*25*	26	100	-	-	0	0	0	0	-	-	4	-	-	-
Dioxane[1,4-]	SW-846:8270C	ug/L	19	0	0	*10*	*10.5895*	*11.4*	19	100	-	-	0	0	0	0	61.11958	Reg6	4	-	-	-
Diphenylamine	SW-846:8270	ug/L	6	0	0	*10*	*10.4*	*12*	6	100	-	-	0	0	0	0	912.5	Reg6	4	-	-	-
Diphenylamine	SW-846:8270C	ug/L	28	0	0	*9.8*	*11.3607*	*25*	28	100	-	-	0	0	0	0	912.5	Reg6	4	-	-	-
Diphenylhydrazine[1,2-]	SW-846:8270C	ug/L	2	0	0	*10*	*10.15*	*10.3*	2	100	-	-	2	0	0	0	0.8403942	Reg6	1	-	-	-
Fluoranthene	SW-846:8270	ug/L	6	0	0	*1*	*1.03333*	*1.2*	6	100	-	-	0	0	0	0	1460	Reg6	4	-	-	-
Fluoranthene	SW-846:8270C	ug/L	28	0	0	*0.98*	*1.135*	*2.5*	28	100	-	-	0	0	0	0	1460	Reg6	4	-	-	-
Fluorene	SW-846:8270	ug/L	6	0	0	*1*	*1.03333*	*1.2*	6	100	-	-	0	0	0	0	243.3333	Reg6	4	-	-	-
Fluorene	SW-846:8270C	ug/L	28	0	0	*0.98*	*1.135*	*2.5*	28	100	-	-	0	0	0	0	243.3333	Reg6	4	-	-	-
Hexachlorobenzene	SW-846:8270	ug/L	6	0	0	*10*	*10.4*	*12*	6	100	-	-	6	0	0	0	1	MCL	4	-	-	-
Hexachlorobenzene	SW-846:8270C	ug/L	28	0	0	*9.8*	*11.3607*	*25*	28	100	-	-	28	0	0	0	1	MCL	4	-	-	-
Hexachlorobutadiene	SW-846:8270	ug/L	6	0	0	*10*	*10.4*	*12*	6	100	-	-	6	0	0	0	8.619427	Reg6	4	-	-	-
Hexachlorobutadiene	SW-846:8270C	ug/L	28	0	0	*9.8*	*11.3607*	*25*	28	100	-	-	28	0	0	0	8.619427	Reg6	4	-	-	-
Hexachlorocyclopentadiene	SW-846:8270	ug/L	6	0	0	*10*	*10.4*	*12*	6	100	-	-	0	0	0	0	50	MCL	4	-	-	-
Hexachlorocyclopentadiene	SW-846:8270C	ug/L	28	0	0	*9.8*	*11.3607*	*25*	28	100	-	-	0	0	0	0	50	MCL	4	-	-	-
Hexachloroethane	SW-846:8270	ug/L	6	0	0	*10*	*10.4*	*12*	6	100	-	-	0	0	0	0	48.02252	Reg6	4	-	-	-
Hexachloroethane	SW-846:8270C	ug/L	28	0	0	*9.8*	*11.3607*	*25*	28	100	-	-	0	0	0	0	48.02252	Reg6	4	-	-	-
Indeno(1,2,3-cd)pyrene	SW-846:8270	ug/L	6	0	0	*1*	*1.03333*	*1.2*	6	100	-	-	6	0	0	0	0.2949853	Reg6	4	-	-	-
Indeno(1,2,3-cd)pyrene	SW-846:8270C	ug/L	28	0	0	*0.98*	*1.135*	*2.5*	28	100	-	-	28	0	0	0	0.2949853	Reg6	4	-	-	-
Isophorone	SW-846:8270	ug/L	6	0	0	*10*	*10.4*	*12*	6	100	-	-	0	0	0	0	707.7004	Reg6	4	-	-	-
Isophorone	SW-846:8270C	ug/L	28	0	0	*9.8*	*11.3607*	*25*	28	100	-	-	0	0	0	0	707.7004	Reg6	4	-	-	-
Methylnaphthalene[1-]	SW-846:8270C	ug/L	26	0	0	*0.98*	*1.14538*	*2.5*	26	100	-	-	0	0	0	0	-	-	4	-	-	-
Methylnaphthalene[2-]	SW-846:8270	ug/L	6	0	0	*1*	*1.03333*	*1.2*	6	100	-	-	0	0	0	0	-	-	4	-	-	-
Methylnaphthalene[2-]	SW-846:8270C	ug/L	28	0	0	*0.98*	*1.135*	*2.5*	28	100	-	-	0	0	0	0	-	-	4	-	-	-
Methylphenol[2-]	SW-846:8270	ug/L	6	0	0	*10*	*10.4*	*12*	6	100	-	-	0	0	0	0	1825	Reg6	4	-	-	-
Methylphenol[2-]	SW-846:8270C	ug/L	28	0	0	*9.8*	*11.3607*	*25*	28	100	-	-	0	0	0	0	1825	Reg6	4	-	-	-
Methylphenol[3-,4-]	SW-846:8270C	ug/L	22	0	0	*9.8*	*10.9864*	*20.8*	22	100	-	-	0	0	0	0	-	-	4	-	-	-
Methylphenol[4-]	SW-846:8270	ug/L	6	0	0	*10*	*10.4*	*12*	6	100	-	-	0	0	0	0	182.5	Reg6	4	-	-	-
Methylphenol[4-]	SW-846:8270C	ug/L	6	0	0	*9.9*	*12.7333*	*25*	6	100	-	-	0	0	0	0	182.5	Reg6	2	-	-	-
Methylpyridine[2-]	SW-846:8270	ug/L	5	0	0	*10*	*10.08*	*10.2*	5	100	-	-	0	0	0	0	-	-	3	-	-	-
Methylpyridine[2-]	SW-846:8270C	ug/L	2	0	0	*10*	*10.15*	*10.3*	2	100	-	-	0	0	0	0	-	-	1	-	-	-
Naphthalene	SW-846:8270	ug/L	6	0	0	*1*	*1.03333*	*1.2*	6	100	-	-	0	0	0	0	30	NMGSU	4	-	-	-
Naphthalene	SW-846:8270C	ug/L	25	0	0	*0.98*	*1.1452*	*2.5*	25	100	-	-	0	0	0	0	30	NMGSU	4	-	-	-
Nitroaniline[2-]	SW-846:8270	ug/L	6	0	0	*10*	*10.4*	*12*	6	100	-	-	0	0	0	0	109.5	Reg6	4	-	-	-
Nitroaniline[2-]	SW-846:8270C	ug/L	28	0	0	*9.8*	*11.3607*	*25*	28	100	-	-	0	0	0	0	109.5	Reg6	4	-	-	-
Nitroaniline[3-]	SW-846:8270	ug/L	6	0	0	*10*	*10.4*	*12*	6	100	-	-	0	0	0	0	-	-	4	-	-	-
Nitroaniline[3-]	SW-846:8270C	ug/L	28	0	0	*9.8*	*11.3607*	*25*	28	100	-	-	0	0	0	0	-	-	4	-	-	-
Nitroaniline[4-]	SW-846:8270	ug/L	6	0	0	*10*	*10.4*	*12*	6	100	-	-	0	0	0	0	-	-	4	-	-	-
Nitroaniline[4-]	SW-846:8270C	ug/L	28	0	0	*9.8*	*11.3607*	*25*	28	100	-	-	0	0	0	0	-	-	4	-	-	-
Nitrobenzene	SW-846:8270	ug/L	6	0	0	*10*	*10.4*	*12*	6	100	-	-	6	0	0	0	3.395349	Reg6	4	-	-	-
Nitrobenzene	SW-846:8270C	ug/L	28	0	0	*9.8*	*11.3607*	*25*	28	100	-	-	28	0	0	0	3.395349	Reg6	4	-	-	-
Nitrophenol[2-]	SW-846:8270	ug/L	6	0	0	*10*	*10.4*	*12*	6	100	-	-	0	0	0	0	-	-	4	-	-	-
Nitrophenol[2-]	SW-846:8270C	ug/L	28	0	0	*9.8*	*11.3607*	*25*	28	100	-	-	0	0	0	0	-	-	4	-	-	-
Nitrophenol[4-]	SW-846:8270	ug/L	6	0	0	*10*	*10.4*	*12*	6	100	-	-	0	0	0	0	292	Reg6	4	-	-	-
Nitrophenol[4-]	SW-846:8270C	ug/L	28	0	0	*9.8*	*11.3607*	*25*	28	100	-	-	0	0	0	0	292	Reg6	4	-	-	-

Table B-6
Screening Table for Frijoles, Ancho, and Chaquehui Watersheds

Analyte	Method	Units	No. of Analyses	No. of Detects	D Rate %	Min	Mean	Max	No. of Non-detects	ND Rate %	BV	D> BV	ND> Std	D> Std	D> Std/2	D>Std/2 Rate %	Level	Std Type	Locations with Data (number)	D>Std (number of locations)	D>Std/2 (number of locations)	D>Std Stations
Nitrosodiethylamine[N-]	SW-846:8270C	ug/L	26	0	0	*9.8*	*11.4538*	*25*	26	100	-	-	26	0	0	0	0.001435595	Reg6	4	-	-	-
Nitrosodimethylamine[N-]	SW-846:8270	ug/L	6	0	0	*10*	*10.4*	*12*	6	100	-	-	6	0	0	0	0.004222338	Reg6	4	-	-	-
Nitrosodimethylamine[N-]	SW-846:8270C	ug/L	28	0	0	*9.8*	*11.3607*	*25*	28	100	-	-	28	0	0	0	0.004222338	Reg6	4	-	-	-
Nitroso-di-n-butylamine[N-]	SW-846:8270C	ug/L	26	0	0	*9.8*	*11.4538*	*25*	26	100	-	-	26	0	0	0	0.1226854	Reg6	4	-	-	-
Nitroso-di-n-propylamine[N-]	SW-846:8270	ug/L	6	0	0	*10*	*10.4*	*12*	6	100	-	-	6	0	0	0	0.09604505	Reg6	4	-	-	-
Nitroso-di-n-propylamine[N-]	SW-846:8270C	ug/L	28	0	0	*9.8*	*11.3607*	*25*	28	100	-	-	28	0	0	0	0.09604505	Reg6	4	-	-	-
Nitrosopyrrolidine[N-]	SW-846:8270C	ug/L	26	0	0	*9.8*	*11.4538*	*25*	26	100	-	-	26	0	0	0	0.3201502	Reg6	4	-	-	-
Oxybis(1-chloropropane)[2,2'-]	SW-846:8270	ug/L	6	0	0	*10*	*10.4*	*12*	6	100	-	-	6	0	0	0	9.536393	Reg6	4	-	-	-
Oxybis(1-chloropropane)[2,2'-]	SW-846:8270C	ug/L	26	0	0	*9.8*	*11.4385*	*25*	26	100	-	-	26	0	0	0	9.536393	Reg6	4	-	-	-
Pentachlorobenzene	SW-846:8270C	ug/L	26	0	0	*9.8*	*11.4538*	*25*	26	100	-	-	0	0	0	0	29.2	Reg6	4	-	-	-
Pentachlorophenol	SW-846:8270	ug/L	6	0	0	*10*	*10.4*	*12*	6	100	-	-	6	0	0	0	1	MCL	4	-	-	-
Pentachlorophenol	SW-846:8270C	ug/L	28	0	0	*9.8*	*11.3607*	*25*	28	100	-	-	28	0	0	0	1	MCL	4	-	-	-
Phenanthrene	SW-846:8270	ug/L	6	0	0	*1*	*1.03333*	*1.2*	6	100	-	-	0	0	0	0	-	-	4	-	-	-
Phenanthrene	SW-846:8270C	ug/L	28	0	0	*0.98*	*1.135*	*2.5*	28	100	-	-	0	0	0	0	-	-	4	-	-	-
Phenol	SW-846:8270	ug/L	6	0	0	*10*	*10.4*	*12*	6	100	-	-	6	0	0	0	5	NMGSU	4	-	-	-
Phenol	SW-846:8270C	ug/L	28	0	0	*9.8*	*11.3607*	*25*	28	100	-	-	28	0	0	0	5	NMGSU	4	-	-	-
Pyrene	SW-846:8270	ug/L	6	0	0	*1*	*1.03333*	*1.2*	6	100	-	-	0	0	0	0	182.5	Reg6	4	-	-	-
Pyrene	SW-846:8270C	ug/L	28	0	0	*0.98*	*1.135*	*2.5*	28	100	-	-	0	0	0	0	182.5	Reg6	4	-	-	-
Pyridine	SW-846:8270	ug/L	5	0	0	*10*	*10.08*	*10.2*	5	100	-	-	0	0	0	0	36.5	Reg6	3	-	-	-
Pyridine	SW-846:8270C	ug/L	7	0	0	*10*	*10.4571*	*10.9*	7	100	-	-	0	0	0	0	36.5	Reg6	4	-	-	-
Tetrachlorobenzene[1,2,4,5]	SW-846:8270C	ug/L	26	0	0	*9.8*	*11.4538*	*25*	26	100	-	-	26	0	0	0	0.00003	MCL	4	-	-	-
Tetrachlorophenol[2,3,4,6-]	SW-846:8270C	ug/L	26	0	0	*9.8*	*11.4538*	*25*	26	100	-	-	26	0	0	0	5	MCL	4	-	-	-
Trichlorobenzene[1,2,4-]	SW-846:8270	ug/L	6	0	0	*10*	*10.4*	*12*	6	100	-	-	0	0	0	0	70	MCL	4	-	-	-
Trichlorobenzene[1,2,4-]	SW-846:8270C	ug/L	28	1	4	2.29	2.29	2.29	27	96	-	-	0	0	0	0	70	MCL	4	-	-	-
Trichlorophenol[2,4,5-]	SW-846:8270	ug/L	6	0	0	*10*	*10.4*	*12*	6	100	-	-	0	0	0	0	3650	Reg6	4	-	-	-
Trichlorophenol[2,4,5-]	SW-846:8270C	ug/L	28	0	0	*9.8*	*11.3607*	*25*	28	100	-	-	0	0	0	0	3650	Reg6	4	-	-	-
Trichlorophenol[2,4,6-]	SW-846:8270	ug/L	6	0	0	*10*	*10.4*	*12*	6	100	-	-	0	0	0	0	61.11958	Reg6	4	-	-	-
Trichlorophenol[2,4,6-]	SW-846:8270C	ug/L	28	0	0	*9.8*	*11.3607*	*25*	28	100	-	-	0	0	0	0	61.11958	Reg6	4	-	-	-
Ancho, VOA, UF, Ephemeral																						
Acetone	EPA:624	ug/L	3	1	33	10.3	10.3	10.3	2	67	-	-	0	0	0	0	-	-	1	-	-	-
Acetone	SW-846:8260B	ug/L	4	1	25	3.51	3.51	3.51	3	75	-	-	0	0	0	0	-	-	1	-	-	-
Acetonitrile	SW-846:8260B	ug/L	3	0	0	*25*	*25*	*25*	3	100	-	-	0	0	0	0	-	-	1	-	-	-
Acrolein	EPA:624	ug/L	3	0	0	*5*	*5*	*5*	3	100	-	-	0	0	0	0	-	-	1	-	-	-
Acrolein	SW-846:8260B	ug/L	4	0	0	*5*	*5*	*5*	4	100	-	-	0	0	0	0	-	-	1	-	-	-
Acrylonitrile	EPA:624	ug/L	3	0	0	*5*	*5*	*5*	3	100	-	-	0	0	0	0	-	-	1	-	-	-
Acrylonitrile	SW-846:8260B	ug/L	4	0	0	*5*	*5*	*5*	4	100	-	-	0	0	0	0	-	-	1	-	-	-
Benzene	EPA:624	ug/L	3	0	0	*1*	*1*	*1*	3	100	-	-	0	0	0	0	-	-	1	-	-	-
Benzene	SW-846:8260B	ug/L	4	0	0	*1*	*1*	*1*	4	100	-	-	0	0	0	0	-	-	1	-	-	-
Bromobenzene	EPA:624	ug/L	3	0	0	*1*	*1*	*1*	3	100	-	-	0	0	0	0	-	-	1	-	-	-
Bromobenzene	SW-846:8260B	ug/L	4	0	0	*1*	*1*	*1*	4	100	-	-	0	0	0	0	-	-	1	-	-	-
Bromochloromethane	EPA:624	ug/L	3	0	0	*1*	*1*	*1*	3	100	-	-	0	0	0	0	-	-	1	-	-	-
Bromochloromethane	SW-846:8260B	ug/L	4	0	0	*1*	*1*	*1*	4	100	-	-	0	0	0	0	-	-	1	-	-	-
Bromodichloromethane	EPA:624	ug/L	3	0	0	*1*	*1*	*1*	3	100	-	-	0	0	0	0	-	-	1	-	-	-
Bromodichloromethane	SW-846:8260B	ug/L	4	0	0	*1*	*1*	*1*	4	100	-	-	0	0	0	0	-	-	1	-	-	-
Bromoform	EPA:624	ug/L	3	0	0	*1*	*1*	*1*	3	100	-	-	0	0	0	0	-	-	1	-	-	-
Bromoform	SW-846:8260B	ug/L	4	0	0	*1*	*1*	*1*	4	100	-	-	0	0	0	0	-	-	1	-	-	-
Bromomethane	EPA:624	ug/L	3	0	0	*1*	*1*	*1*	3	100	-	-	0	0	0	0	-	-	1	-	-	-
Bromomethane	SW-846:8260B	ug/L	4	0	0	*1*	*1*	*1*	4	100	-	-	0	0	0	0	-	-	1	-	-	-
Butanone[2-]	EPA:624	ug/L	3	0	0	*5*	*5*	*5*	3	100	-	-	0	0	0	0	-	-	1	-	-	-
Butanone[2-]	SW-846:8260B	ug/L	4	0	0	*5*	*5*	*5*	4	100	-	-	0	0	0	0	-	-	1	-	-	-
Butylbenzene[n-]	EPA:624	ug/L	3	0	0	*1*	*1*	*1*	3	100	-	-	0	0	0	0	-	-	1	-	-	-
Butylbenzene[n-]	SW-846:8260B	ug/L	4	0	0	*1*	*1*	*1*	4	100	-	-	0	0	0	0	-	-	1	-	-	-
Butylbenzene[sec-]	EPA:624	ug/L	3	0	0	*1*	*1*	*1*	3	100	-	-	0	0	0	0	-	-	1	-	-	-
Butylbenzene[sec-]	SW-846:8260B	ug/L	4	0	0	*1*	*1*	*1*	4	100	-	-	0	0	0	0	-	-	1	-	-	-
Butylbenzene[tert-]	EPA:624	ug/L	3	0	0	*1*	*1*	*1*	3	100	-	-	0	0	0	0	-	-	1	-	-	-
Butylbenzene[tert-]	SW-846:8260B	ug/L	4	0	0	*1*	*1*	*1*	4	100	-	-	0	0	0	0	-	-	1	-	-	-
Carbon Disulfide	EPA:624	ug/L	3	0	0	*5*	*5*	*5*	3	100	-	-	0	0	0	0	-	-	1	-	-	-
Carbon Disulfide	SW-846:8260B	ug/L	3	0	0	*5*	*5*	*5*	3	100	-	-	0	0	0	0	-	-	1	-	-	-
Carbon Tetrachloride	EPA:624	ug/L	3	0	0	*1*	*1*	*1*	3	100	-	-	0	0	0	0	-	-	1	-	-	-

Table B-6
Screening Table for Frijoles, Ancho, and Chaquehui Watersheds

Analyte	Method	Units	No. of Analyses	No. of Detects	D Rate %	Min	Mean	Max	No. of Non-detects	ND Rate %	BV	D> BV	ND> Std	D> Std	D> Std/2	D>Std/2 Rate %	Level	Std Type	Locations with Data (number)	D>Std (number of locations)	D>Std/2 (number of locations)	D>Std Stations
Carbon Tetrachloride	SW-846:8260B	ug/L	4	0	0	*1*	*1*	*1*	4	100	-	-	0	0	0	0	-	-	1	-	-	-
Chloro-1,3-butadiene[2-]	SW-846:8260B	ug/L	4	0	0	*1*	*1*	*1*	4	100	-	-	0	0	0	0	-	-	1	-	-	-
Chloro-1-propene[3-]	SW-846:8260B	ug/L	4	0	0	*5*	*5*	*5*	4	100	-	-	0	0	0	0	-	-	1	-	-	-
Chlorobenzene	EPA:624	ug/L	3	0	0	*1*	*1*	*1*	3	100	-	-	0	0	0	0	-	-	1	-	-	-
Chlorobenzene	SW-846:8260B	ug/L	4	0	0	*1*	*1*	*1*	4	100	-	-	0	0	0	0	-	-	1	-	-	-
Chlorodibromomethane	EPA:624	ug/L	3	0	0	*1*	*1*	*1*	3	100	-	-	0	0	0	0	-	-	1	-	-	-
Chlorodibromomethane	SW-846:8260B	ug/L	4	0	0	*1*	*1*	*1*	4	100	-	-	0	0	0	0	-	-	1	-	-	-
Chloroethane	EPA:624	ug/L	3	0	0	*1*	*1*	*1*	3	100	-	-	0	0	0	0	-	-	1	-	-	-
Chloroethane	SW-846:8260B	ug/L	4	0	0	*1*	*1*	*1*	4	100	-	-	0	0	0	0	-	-	1	-	-	-
Chloroform	EPA:624	ug/L	3	0	0	*1*	*1*	*1*	3	100	-	-	0	0	0	0	-	-	1	-	-	-
Chloroform	SW-846:8260B	ug/L	4	0	0	*1*	*1*	*1*	4	100	-	-	0	0	0	0	-	-	1	-	-	-
Chloromethane	EPA:624	ug/L	3	0	0	*1*	*1*	*1*	3	100	-	-	0	0	0	0	-	-	1	-	-	-
Chloromethane	SW-846:8260B	ug/L	4	0	0	*1*	*1*	*1*	4	100	-	-	0	0	0	0	-	-	1	-	-	-
Chlorotoluene[2-]	EPA:624	ug/L	3	0	0	*1*	*1*	*1*	3	100	-	-	0	0	0	0	-	-	1	-	-	-
Chlorotoluene[2-]	SW-846:8260B	ug/L	4	0	0	*1*	*1*	*1*	4	100	-	-	0	0	0	0	-	-	1	-	-	-
Chlorotoluene[4-]	EPA:624	ug/L	3	0	0	*1*	*1*	*1*	3	100	-	-	0	0	0	0	-	-	1	-	-	-
Chlorotoluene[4-]	SW-846:8260B	ug/L	4	0	0	*1*	*1*	*1*	4	100	-	-	0	0	0	0	-	-	1	-	-	-
Dibromo-3-Chloropropane[1,2-]	EPA:624	ug/L	3	0	0	*1*	*1*	*1*	3	100	-	-	0	0	0	0	-	-	1	-	-	-
Dibromo-3-Chloropropane[1,2-]	SW-846:8260B	ug/L	4	0	0	*1*	*1*	*1*	4	100	-	-	0	0	0	0	-	-	1	-	-	-
Dibromoethane[1,2-]	EPA:624	ug/L	3	0	0	*1*	*1*	*1*	3	100	-	-	0	0	0	0	-	-	1	-	-	-
Dibromoethane[1,2-]	SW-846:8260B	ug/L	4	0	0	*1*	*1*	*1*	4	100	-	-	0	0	0	0	-	-	1	-	-	-
Dibromomethane	EPA:624	ug/L	3	0	0	*1*	*1*	*1*	3	100	-	-	0	0	0	0	-	-	1	-	-	-
Dibromomethane	SW-846:8260B	ug/L	4	0	0	*1*	*1*	*1*	4	100	-	-	0	0	0	0	-	-	1	-	-	-
Dichlorobenzene[1,2-]	EPA:624	ug/L	3	0	0	*1*	*1*	*1*	3	100	-	-	0	0	0	0	-	-	1	-	-	-
Dichlorobenzene[1,2-]	SW-846:8260B	ug/L	4	0	0	*1*	*1*	*1*	4	100	-	-	0	0	0	0	-	-	1	-	-	-
Dichlorobenzene[1,3-]	EPA:624	ug/L	3	0	0	*1*	*1*	*1*	3	100	-	-	0	0	0	0	-	-	1	-	-	-
Dichlorobenzene[1,3-]	SW-846:8260B	ug/L	4	0	0	*1*	*1*	*1*	4	100	-	-	0	0	0	0	-	-	1	-	-	-
Dichlorobenzene[1,4-]	EPA:624	ug/L	3	0	0	*1*	*1*	*1*	3	100	-	-	0	0	0	0	-	-	1	-	-	-
Dichlorobenzene[1,4-]	SW-846:8260B	ug/L	4	0	0	*1*	*1*	*1*	4	100	-	-	0	0	0	0	-	-	1	-	-	-
Dichlorodifluoromethane	EPA:624	ug/L	3	0	0	*1*	*1*	*1*	3	100	-	-	0	0	0	0	-	-	1	-	-	-
Dichlorodifluoromethane	SW-846:8260B	ug/L	4	0	0	*1*	*1*	*1*	4	100	-	-	0	0	0	0	-	-	1	-	-	-
Dichloroethane[1,1-]	EPA:624	ug/L	3	0	0	*1*	*1*	*1*	3	100	-	-	0	0	0	0	-	-	1	-	-	-
Dichloroethane[1,1-]	SW-846:8260B	ug/L	4	0	0	*1*	*1*	*1*	4	100	-	-	0	0	0	0	-	-	1	-	-	-
Dichloroethane[1,2-]	EPA:624	ug/L	3	0	0	*1*	*1*	*1*	3	100	-	-	0	0	0	0	-	-	1	-	-	-
Dichloroethane[1,2-]	SW-846:8260B	ug/L	4	0	0	*1*	*1*	*1*	4	100	-	-	0	0	0	0	-	-	1	-	-	-
Dichloroethene[1,1-]	EPA:624	ug/L	3	0	0	*1*	*1*	*1*	3	100	-	-	0	0	0	0	-	-	1	-	-	-
Dichloroethene[1,1-]	SW-846:8260B	ug/L	4	0	0	*1*	*1*	*1*	4	100	-	-	0	0	0	0	-	-	1	-	-	-
Dichloroethene[cis-1,2-]	SW-846:8260B	ug/L	4	0	0	*1*	*1*	*1*	4	100	-	-	0	0	0	0	-	-	1	-	-	-
Dichloroethene[trans-1,2-]	EPA:624	ug/L	3	0	0	*1*	*1*	*1*	3	100	-	-	0	0	0	0	-	-	1	-	-	-
Dichloroethene[trans-1,2-]	SW-846:8260B	ug/L	4	0	0	*1*	*1*	*1*	4	100	-	-	0	0	0	0	-	-	1	-	-	-
Dichloropropane[1,2-]	EPA:624	ug/L	3	0	0	*1*	*1*	*1*	3	100	-	-	0	0	0	0	-	-	1	-	-	-
Dichloropropane[1,2-]	SW-846:8260B	ug/L	4	0	0	*1*	*1*	*1*	4	100	-	-	0	0	0	0	-	-	1	-	-	-
Dichloropropane[1,3-]	EPA:624	ug/L	3	0	0	*1*	*1*	*1*	3	100	-	-	0	0	0	0	-	-	1	-	-	-
Dichloropropane[1,3-]	SW-846:8260B	ug/L	4	0	0	*1*	*1*	*1*	4	100	-	-	0	0	0	0	-	-	1	-	-	-
Dichloropropane[2,2-]	EPA:624	ug/L	3	0	0	*1*	*1*	*1*	3	100	-	-	0	0	0	0	-	-	1	-	-	-
Dichloropropane[2,2-]	SW-846:8260B	ug/L	4	0	0	*1*	*1*	*1*	4	100	-	-	0	0	0	0	-	-	1	-	-	-
Dichloropropene[1,1-]	EPA:624	ug/L	3	0	0	*1*	*1*	*1*	3	100	-	-	0	0	0	0	-	-	1	-	-	-
Dichloropropene[1,1-]	SW-846:8260B	ug/L	4	0	0	*1*	*1*	*1*	4	100	-	-	0	0	0	0	-	-	1	-	-	-
Dichloropropene[cis-1,3-]	EPA:624	ug/L	3	0	0	*1*	*1*	*1*	3	100	-	-	0	0	0	0	-	-	1	-	-	-
Dichloropropene[cis-1,3-]	SW-846:8260B	ug/L	4	0	0	*1*	*1*	*1*	4	100	-	-	0	0	0	0	-	-	1	-	-	-
Dichloropropene[trans-1,3-]	EPA:624	ug/L	3	0	0	*1*	*1*	*1*	3	100	-	-	0	0	0	0	-	-	1	-	-	-
Dichloropropene[trans-1,3-]	SW-846:8260B	ug/L	4	0	0	*1*	*1*	*1*	4	100	-	-	0	0	0	0	-	-	1	-	-	-
Ethyl Methacrylate	SW-846:8260B	ug/L	4	0	0	*5*	*5*	*5*	4	100	-	-	0	0	0	0	-	-	1	-	-	-
Ethylbenzene	EPA:624	ug/L	3	0	0	*1*	*1*	*1*	3	100	-	-	0	0	0	0	-	-	1	-	-	-
Ethylbenzene	SW-846:8260B	ug/L	4	0	0	*1*	*1*	*1*	4	100	-	-	0	0	0	0	-	-	1	-	-	-
Hexachlorobutadiene	EPA:624	ug/L	3	0	0	*1*	*1*	*1*	3	100	-	-	0	0	0	0	-	-	1	-	-	-
Hexachlorobutadiene	SW-846:8260B	ug/L	4	0	0	*1*	*1*	*1*	4	100	-	-	0	0	0	0	-	-	1	-	-	-
Hexanone[2-]	EPA:624	ug/L	3	0	0	*5*	*5*	*5*	3	100	-	-	0	0	0	0	-	-	1	-	-	-
Hexanone[2-]	SW-846:8260B	ug/L	4	0	0	*5*	*5*	*5*	4	100	-	-	0	0	0	0	-	-	1	-	-	-

Table B-6
Screening Table for Frijoles, Ancho, and Chaquehui Watersheds

Analyte	Method	Units	No. of Analyses	No. of Detects	D Rate %	Min	Mean	Max	No. of Non-detects	ND Rate %	BV	D> BV	ND> Std	D> Std	D> Std/2	D>Std/2 Rate %	Level	Std Type	Locations with Data (number)	D>Std (number of locations)	D>Std/2 (number of locations)	D>Std Stations
Iodomethane	EPA:624	ug/L	3	0	0	5	5	5	3	100	-	-	0	0	0	0	-	-	1	-	-	-
Iodomethane	SW-846:8260B	ug/L	4	0	0	5	5	5	4	100	-	-	0	0	0	0	-	-	1	-	-	-
Isobutyl alcohol	SW-846:8260B	ug/L	2	0	0	50	50	50	2	100	-	-	0	0	0	0	-	-	1	-	-	-
Isopropylbenzene	EPA:624	ug/L	3	0	0	1	1	1	3	100	-	-	0	0	0	0	-	-	1	-	-	-
Isopropylbenzene	SW-846:8260B	ug/L	4	0	0	1	1	1	4	100	-	-	0	0	0	0	-	-	1	-	-	-
Isopropyltoluene[4-]	EPA:624	ug/L	3	0	0	1	1	1	3	100	-	-	0	0	0	0	-	-	1	-	-	-
Isopropyltoluene[4-]	SW-846:8260B	ug/L	4	0	0	1	1	1	4	100	-	-	0	0	0	0	-	-	1	-	-	-
Methacrylonitrile	SW-846:8260B	ug/L	4	0	0	5	5	5	4	100	-	-	0	0	0	0	-	-	1	-	-	-
Methyl Methacrylate	SW-846:8260B	ug/L	4	0	0	5	5	5	4	100	-	-	0	0	0	0	-	-	1	-	-	-
Methyl-2-pentanone[4-]	EPA:624	ug/L	3	0	0	5	5	5	3	100	-	-	0	0	0	0	-	-	1	-	-	-
Methyl-2-pentanone[4-]	SW-846:8260B	ug/L	4	0	0	5	5	5	4	100	-	-	0	0	0	0	-	-	1	-	-	-
Methylene Chloride	EPA:624	ug/L	3	0	0	5	5	5	3	100	-	-	0	0	0	0	-	-	1	-	-	-
Methylene Chloride	SW-846:8260B	ug/L	4	0	0	5	5	5	4	100	-	-	0	0	0	0	-	-	1	-	-	-
Naphthalene	EPA:624	ug/L	3	0	0	1	1	1	3	100	-	-	0	0	0	0	-	-	1	-	-	-
Naphthalene	SW-846:8260B	ug/L	4	0	0	1	1	1	4	100	-	-	0	0	0	0	-	-	1	-	-	-
Propionitrile	SW-846:8260B	ug/L	4	0	0	5	5	5	4	100	-	-	0	0	0	0	-	-	1	-	-	-
Propylbenzene[1-]	EPA:624	ug/L	3	0	0	1	1	1	3	100	-	-	0	0	0	0	-	-	1	-	-	-
Propylbenzene[1-]	SW-846:8260B	ug/L	4	0	0	1	1	1	4	100	-	-	0	0	0	0	-	-	1	-	-	-
Styrene	EPA:624	ug/L	3	0	0	1	1	1	3	100	-	-	0	0	0	0	-	-	1	-	-	-
Styrene	SW-846:8260B	ug/L	4	0	0	1	1	1	4	100	-	-	0	0	0	0	-	-	1	-	-	-
Tetrachloroethane[1,1,1,2-]	EPA:624	ug/L	3	0	0	1	1	1	3	100	-	-	0	0	0	0	-	-	1	-	-	-
Tetrachloroethane[1,1,1,2-]	SW-846:8260B	ug/L	4	0	0	1	1	1	4	100	-	-	0	0	0	0	-	-	1	-	-	-
Tetrachloroethane[1,1,2,2-]	EPA:624	ug/L	3	0	0	1	1	1	3	100	-	-	0	0	0	0	-	-	1	-	-	-
Tetrachloroethane[1,1,2,2-]	SW-846:8260B	ug/L	4	0	0	1	1	1	4	100	-	-	0	0	0	0	-	-	1	-	-	-
Tetrachloroethene	EPA:624	ug/L	3	0	0	1	1	1	3	100	-	-	0	0	0	0	33	HHEU	1	-	-	-
Tetrachloroethene	SW-846:8260B	ug/L	4	0	0	1	1	1	4	100	-	-	0	0	0	0	33	HHEU	1	-	-	-
Toluene	EPA:624	ug/L	3	0	0	1	1	1	3	100	-	-	0	0	0	0	-	-	1	-	-	-
Toluene	SW-846:8260B	ug/L	4	0	0	1	1	1	4	100	-	-	0	0	0	0	-	-	1	-	-	-
Trichloro-1,2,2-trifluoroethane[1,1,2-]	EPA:624	ug/L	3	0	0	5	5	5	3	100	-	-	0	0	0	0	-	-	1	-	-	-
Trichloro-1,2,2-trifluoroethane[1,1,2-]	SW-846:8260B	ug/L	4	0	0	5	5	5	4	100	-	-	0	0	0	0	-	-	1	-	-	-
Trichlorobenzene[1,2,3-]	SW-846:8260B	ug/L	4	0	0	1	1	1	4	100	-	-	0	0	0	0	-	-	1	-	-	-
Trichlorobenzene[1,2,4-]	SW-846:8260B	ug/L	4	0	0	1	1	1	4	100	-	-	0	0	0	0	-	-	1	-	-	-
Trichloroethane[1,1,1-]	EPA:624	ug/L	3	0	0	1	1	1	3	100	-	-	0	0	0	0	-	-	1	-	-	-
Trichloroethane[1,1,1-]	SW-846:8260B	ug/L	4	0	0	1	1	1	4	100	-	-	0	0	0	0	-	-	1	-	-	-
Trichloroethane[1,1,2-]	EPA:624	ug/L	3	0	0	1	1	1	3	100	-	-	0	0	0	0	-	-	1	-	-	-
Trichloroethane[1,1,2-]	SW-846:8260B	ug/L	4	0	0	1	1	1	4	100	-	-	0	0	0	0	-	-	1	-	-	-
Trichloroethene	EPA:624	ug/L	3	0	0	1	1	1	3	100	-	-	0	0	0	0	-	-	1	-	-	-
Trichloroethene	SW-846:8260B	ug/L	4	0	0	1	1	1	4	100	-	-	0	0	0	0	-	-	1	-	-	-
Trichlorofluoromethane	EPA:624	ug/L	3	0	0	1	1	1	3	100	-	-	0	0	0	0	-	-	1	-	-	-
Trichlorofluoromethane	SW-846:8260B	ug/L	4	0	0	1	1	1	4	100	-	-	0	0	0	0	-	-	1	-	-	-
Trichloropropane[1,2,3-]	EPA:624	ug/L	3	0	0	1	1	1	3	100	-	-	0	0	0	0	-	-	1	-	-	-
Trichloropropane[1,2,3-]	SW-846:8260B	ug/L	4	0	0	1	1	1	4	100	-	-	0	0	0	0	-	-	1	-	-	-
Trimethylbenzene[1,2,4-]	EPA:624	ug/L	3	0	0	1	1	1	3	100	-	-	0	0	0	0	-	-	1	-	-	-
Trimethylbenzene[1,2,4-]	SW-846:8260B	ug/L	4	0	0	1	1	1	4	100	-	-	0	0	0	0	-	-	1	-	-	-
Trimethylbenzene[1,3,5-]	EPA:624	ug/L	3	0	0	1	1	1	3	100	-	-	0	0	0	0	-	-	1	-	-	-
Trimethylbenzene[1,3,5-]	SW-846:8260B	ug/L	4	0	0	1	1	1	4	100	-	-	0	0	0	0	-	-	1	-	-	-
Vinyl acetate	SW-846:8260B	ug/L	4	0	0	5	5	5	4	100	-	-	0	0	0	0	-	-	1	-	-	-
Vinyl Chloride	EPA:624	ug/L	3	0	0	1	1	1	3	100	-	-	0	0	0	0	-	-	1	-	-	-
Vinyl Chloride	SW-846:8260B	ug/L	4	0	0	1	1	1	4	100	-	-	0	0	0	0	-	-	1	-	-	-
Xylene (Total)	EPA:624	ug/L	3	0	0	1	1	1	3	100	-	-	0	0	0	0	-	-	1	-	-	-
Xylene[1,2-]	EPA:624	ug/L	3	0	0	1	1	1	3	100	-	-	0	0	0	0	-	-	1	-	-	-
Xylene[1,2-]	SW-846:8260B	ug/L	4	0	0	1	1	1	4	100	-	-	0	0	0	0	-	-	1	-	-	-
Xylene[1,3-]+Xylene[1,4-]	EPA:624	ug/L	3	0	0	2	2	2	3	100	-	-	0	0	0	0	-	-	1	-	-	-
Xylene[1,3-]+Xylene[1,4-]	SW-846:8260B	ug/L	4	0	0	2	2	2	4	100	-	-	0	0	0	0	-	-	1	-	-	-
Ancho, VOA, UF, Perennial																						
Acetone	EPA:624	ug/L	8	1	13	5.7	5.7	5.7	7	88	-	-	0	0	0	0	-	-	2	-	-	-
Acetone	SW-846:8260B	ug/L	4	2	50	4.4	4.45	4.5	2	50	-	-	0	0	0	0	-	-	2	-	-	-
Acetonitrile	SW-846:8260B	ug/L	2	0	0	25	25	25	2	100	-	-	0	0	0	0	-	-	1	-	-	-
Acrolein	EPA:624	ug/L	8	0	0	5	5	5	8	100	-	-	0	0	0	0	290	HHPU	2	-	-	-

Table B-6
Screening Table for Frijoles, Ancho, and Chaquehui Watersheds

Analyte	Method	Units	No. of Analyses	No. of Detects	D Rate %	Min	Mean	Max	No. of Non-detects	ND Rate %	BV	D> BV	ND> Std	D> Std	D> Std/2	D>Std/2 Rate %	Level	Std Type	Locations with Data (number)	D>Std (number of locations)	D>Std/2 (number of locations)	D>Std Stations
Acrolein	SW-846:8260B	ug/L	6	0	0	*5*	*5*	*5*	6	100	-	-	0	0	0	0	290	HHPU	2	-	-	-
Acrylonitrile	EPA:624	ug/L	8	0	0	*5*	*5*	*5*	8	100	-	-	8	0	0	0	2.5	HHPU	2	-	-	-
Acrylonitrile	SW-846:8260B	ug/L	6	0	0	*5*	*5*	*5*	6	100	-	-	6	0	0	0	2.5	HHPU	2	-	-	-
Benzene	EPA:624	ug/L	8	0	0	*1*	*1*	*1*	8	100	-	-	0	0	0	0	510	HHPU	2	-	-	-
Benzene	SW-846:8260B	ug/L	4	0	0	*1*	*1*	*1*	4	100	-	-	0	0	0	0	510	HHPU	2	-	-	-
Bromobenzene	EPA:624	ug/L	8	0	0	*1*	*1*	*1*	8	100	-	-	0	0	0	0	-	-	2	-	-	-
Bromobenzene	SW-846:8260B	ug/L	4	0	0	*1*	*1*	*1*	4	100	-	-	0	0	0	0	-	-	2	-	-	-
Bromochloromethane	EPA:624	ug/L	8	0	0	*1*	*1*	*1*	8	100	-	-	0	0	0	0	-	-	2	-	-	-
Bromochloromethane	SW-846:8260B	ug/L	6	0	0	*1*	*1*	*1*	6	100	-	-	0	0	0	0	-	-	2	-	-	-
Bromodichloromethane	EPA:624	ug/L	8	0	0	*1*	*1*	*1*	8	100	-	-	0	0	0	0	170	HHPU	2	-	-	-
Bromodichloromethane	SW-846:8260B	ug/L	6	0	0	*1*	*1*	*1*	6	100	-	-	0	0	0	0	170	HHPU	2	-	-	-
Bromoform	EPA:624	ug/L	8	0	0	*1*	*1*	*1*	8	100	-	-	0	0	0	0	1400	HHPU	2	-	-	-
Bromoform	SW-846:8260B	ug/L	6	0	0	*1*	*1*	*1*	6	100	-	-	0	0	0	0	1400	HHPU	2	-	-	-
Bromomethane	EPA:624	ug/L	8	1	13	2.1	2.1	2.1	7	88	-	-	0	0	0	0	1500	HHPU	2	-	-	-
Bromomethane	SW-846:8260B	ug/L	6	0	0	*1*	*1*	*1*	6	100	-	-	0	0	0	0	1500	HHPU	2	-	-	-
Butanone[2-]	EPA:624	ug/L	8	0	0	*5*	*5*	*5*	8	100	-	-	0	0	0	0	-	-	2	-	-	-
Butanone[2-]	SW-846:8260B	ug/L	6	0	0	*5*	*5*	*5*	6	100	-	-	0	0	0	0	-	-	2	-	-	-
Butylbenzene[n-]	EPA:624	ug/L	8	0	0	*1*	*1*	*1*	8	100	-	-	0	0	0	0	-	-	2	-	-	-
Butylbenzene[n-]	SW-846:8260B	ug/L	6	0	0	*1*	*1*	*1*	6	100	-	-	0	0	0	0	-	-	2	-	-	-
Butylbenzene[sec-]	EPA:624	ug/L	8	0	0	*1*	*1*	*1*	8	100	-	-	0	0	0	0	-	-	2	-	-	-
Butylbenzene[sec-]	SW-846:8260B	ug/L	6	0	0	*1*	*1*	*1*	6	100	-	-	0	0	0	0	-	-	2	-	-	-
Butylbenzene[tert-]	EPA:624	ug/L	8	0	0	*1*	*1*	*1*	8	100	-	-	0	0	0	0	-	-	2	-	-	-
Butylbenzene[tert-]	SW-846:8260B	ug/L	6	0	0	*1*	*1*	*1*	6	100	-	-	0	0	0	0	-	-	2	-	-	-
Carbon Disulfide	EPA:624	ug/L	8	0	0	*5*	*5*	*5*	8	100	-	-	0	0	0	0	-	-	2	-	-	-
Carbon Disulfide	SW-846:8260B	ug/L	2	0	0	*5*	*5*	*5*	2	100	-	-	0	0	0	0	-	-	1	-	-	-
Carbon Tetrachloride	EPA:624	ug/L	8	0	0	*1*	*1*	*1*	8	100	-	-	0	0	0	0	16	HHPU	2	-	-	-
Carbon Tetrachloride	SW-846:8260B	ug/L	6	0	0	*1*	*1*	*1*	6	100	-	-	0	0	0	0	16	HHPU	2	-	-	-
Chloro-1,3-butadiene[2-]	SW-846:8260B	ug/L	6	0	0	*1*	*1*	*1*	6	100	-	-	0	0	0	0	-	-	2	-	-	-
Chloro-1-propene[3-]	SW-846:8260B	ug/L	6	0	0	*5*	*5*	*5*	6	100	-	-	0	0	0	0	-	-	2	-	-	-
Chlorobenzene	EPA:624	ug/L	8	0	0	*1*	*1*	*1*	8	100	-	-	0	0	0	0	21000	HHPU	2	-	-	-
Chlorobenzene	SW-846:8260B	ug/L	6	0	0	*1*	*1*	*1*	6	100	-	-	0	0	0	0	21000	HHPU	2	-	-	-
Chlorodibromomethane	EPA:624	ug/L	8	0	0	*1*	*1*	*1*	8	100	-	-	0	0	0	0	130	HHPU	2	-	-	-
Chlorodibromomethane	SW-846:8260B	ug/L	6	0	0	*1*	*1*	*1*	6	100	-	-	0	0	0	0	130	HHPU	2	-	-	-
Chloroethane	EPA:624	ug/L	8	0	0	*1*	*1*	*1*	8	100	-	-	0	0	0	0	-	-	2	-	-	-
Chloroethane	SW-846:8260B	ug/L	6	0	0	*1*	*1*	*1*	6	100	-	-	0	0	0	0	-	-	2	-	-	-
Chloroethyl vinyl ether[2-]	EPA:624	ug/L	1	0	0	*5*	*5*	*5*	1	100	-	-	0	0	0	0	-	-	1	-	-	-
Chloroform	EPA:624	ug/L	8	0	0	*1*	*1*	*1*	8	100	-	-	0	0	0	0	4700	HHPU	2	-	-	-
Chloroform	SW-846:8260B	ug/L	6	0	0	*1*	*1*	*1*	6	100	-	-	0	0	0	0	4700	HHPU	2	-	-	-
Chloromethane	EPA:624	ug/L	8	0	0	*1*	*1*	*1*	8	100	-	-	0	0	0	0	-	-	2	-	-	-
Chloromethane	SW-846:8260B	ug/L	6	0	0	*1*	*1*	*1*	6	100	-	-	0	0	0	0	-	-	2	-	-	-
Chlorotoluene[2-]	EPA:624	ug/L	8	0	0	*1*	*1*	*1*	8	100	-	-	0	0	0	0	-	-	2	-	-	-
Chlorotoluene[2-]	SW-846:8260B	ug/L	4	0	0	*1*	*1*	*1*	4	100	-	-	0	0	0	0	-	-	2	-	-	-
Chlorotoluene[4-]	EPA:624	ug/L	8	0	0	*1*	*1*	*1*	8	100	-	-	0	0	0	0	-	-	2	-	-	-
Chlorotoluene[4-]	SW-846:8260B	ug/L	6	0	0	*1*	*1*	*1*	6	100	-	-	0	0	0	0	-	-	2	-	-	-
Dibromo-3-Chloropropane[1,2-]	EPA:624	ug/L	8	0	0	*1*	*1*	*1*	8	100	-	-	0	0	0	0	-	-	2	-	-	-
Dibromo-3-Chloropropane[1,2-]	SW-846:8260B	ug/L	6	0	0	*1*	*1*	*1*	6	100	-	-	0	0	0	0	-	-	2	-	-	-
Dibromoethane[1,2-]	EPA:624	ug/L	8	0	0	*1*	*1*	*1*	8	100	-	-	0	0	0	0	-	-	2	-	-	-
Dibromoethane[1,2-]	SW-846:8260B	ug/L	6	0	0	*1*	*1*	*1*	6	100	-	-	0	0	0	0	-	-	2	-	-	-
Dibromomethane	EPA:624	ug/L	8	0	0	*1*	*1*	*1*	8	100	-	-	0	0	0	0	-	-	2	-	-	-
Dibromomethane	SW-846:8260B	ug/L	6	0	0	*1*	*1*	*1*	6	100	-	-	0	0	0	0	-	-	2	-	-	-
Dichlorobenzene[1,2-]	EPA:624	ug/L	8	0	0	*1*	*1*	*1*	8	100	-	-	0	0	0	0	-	-	2	-	-	-
Dichlorobenzene[1,2-]	SW-846:8260B	ug/L	6	0	0	*1*	*1*	*1*	6	100	-	-	0	0	0	0	-	-	2	-	-	-
Dichlorobenzene[1,3-]	EPA:624	ug/L	8	0	0	*1*	*1*	*1*	8	100	-	-	0	0	0	0	-	-	2	-	-	-
Dichlorobenzene[1,3-]	SW-846:8260B	ug/L	6	0	0	*1*	*1*	*1*	6	100	-	-	0	0	0	0	-	-	2	-	-	-
Dichlorobenzene[1,4-]	EPA:624	ug/L	8	0	0	*1*	*1*	*1*	8	100	-	-	0	0	0	0	-	-	2	-	-	-
Dichlorobenzene[1,4-]	SW-846:8260B	ug/L	6	0	0	*1*	*1*	*1*	6	100	-	-	0	0	0	0	-	-	2	-	-	-
Dichlorodifluoromethane	EPA:624	ug/L	8	0	0	*1*	*1*	*1*	8	100	-	-	0	0	0	0	-	-	2	-	-	-
Dichlorodifluoromethane	SW-846:8260B	ug/L	6	0	0	*1*	*1*	*1*	6	100	-	-	0	0	0	0	-	-	2	-	-	-
Dichloroethane[1,1-]	EPA:624	ug/L	8	0	0	*1*	*1*	*1*	8	100	-	-	0	0	0	0	-	-	2	-	-	-

Table B-6
Screening Table for Frijoles, Ancho, and Chaquehui Watersheds

Analyte	Method	Units	No. of Analyses	No. of Detects	D Rate %	Min	Mean	Max	No. of Non-detects	ND Rate %	BV	D> BV	ND> Std	D> Std	D> Std/2	D>Std/2 Rate %	Level	Std Type	Locations with Data (number)	D>Std (number of locations)	D>Std/2 (number of locations)	D>Std Stations
Dichloroethane[1,1-]	SW-846:8260B	ug/L	6	0	0	1	1	1	6	100	-	-	0	0	0	0	-	-	2	-	-	-
Dichloroethane[1,2-]	EPA:624	ug/L	8	0	0	1	1	1	8	100	-	-	0	0	0	0	370	HHPU	2	-	-	-
Dichloroethane[1,2-]	SW-846:8260B	ug/L	6	0	0	1	1	1	6	100	-	-	0	0	0	0	370	HHPU	2	-	-	-
Dichloroethene[1,1-]	EPA:624	ug/L	8	0	0	1	1	1	8	100	-	-	0	0	0	0	32	HHPU	2	-	-	-
Dichloroethene[1,1-]	SW-846:8260B	ug/L	6	0	0	1	1	1	6	100	-	-	0	0	0	0	32	HHPU	2	-	-	-
Dichloroethene[cis-1,2-]	SW-846:8260B	ug/L	6	0	0	1	1	1	6	100	-	-	0	0	0	0	-	-	2	-	-	-
Dichloroethene[trans-1,2-]	EPA:624	ug/L	8	0	0	1	1	1	8	100	-	-	0	0	0	0	140000	HHPU	2	-	-	-
Dichloroethene[trans-1,2-]	SW-846:8260B	ug/L	6	0	0	1	1	1	6	100	-	-	0	0	0	0	140000	HHPU	2	-	-	-
Dichloropropane[1,2-]	EPA:624	ug/L	8	0	0	1	1	1	8	100	-	-	0	0	0	0	150	HHPU	2	-	-	-
Dichloropropane[1,2-]	SW-846:8260B	ug/L	6	0	0	1	1	1	6	100	-	-	0	0	0	0	150	HHPU	2	-	-	-
Dichloropropane[1,3-]	EPA:624	ug/L	8	0	0	1	1	1	8	100	-	-	0	0	0	0	-	-	2	-	-	-
Dichloropropane[1,3-]	SW-846:8260B	ug/L	6	0	0	1	1	1	6	100	-	-	0	0	0	0	-	-	2	-	-	-
Dichloropropane[2,2-]	EPA:624	ug/L	8	0	0	1	1	1	8	100	-	-	0	0	0	0	-	-	2	-	-	-
Dichloropropane[2,2-]	SW-846:8260B	ug/L	6	0	0	1	1	1	6	100	-	-	0	0	0	0	-	-	2	-	-	-
Dichloropropene[1,1-]	EPA:624	ug/L	8	0	0	1	1	1	8	100	-	-	0	0	0	0	-	-	2	-	-	-
Dichloropropene[1,1-]	SW-846:8260B	ug/L	6	0	0	1	1	1	6	100	-	-	0	0	0	0	-	-	2	-	-	-
Dichloropropene[cis-1,3-]	EPA:624	ug/L	8	0	0	1	1	1	8	100	-	-	0	0	0	0	-	-	2	-	-	-
Dichloropropene[cis-1,3-]	SW-846:8260B	ug/L	6	0	0	1	1	1	6	100	-	-	0	0	0	0	-	-	2	-	-	-
Dichloropropene[trans-1,3-]	EPA:624	ug/L	8	0	0	1	1	1	8	100	-	-	0	0	0	0	-	-	2	-	-	-
Dichloropropene[trans-1,3-]	SW-846:8260B	ug/L	6	0	0	1	1	1	6	100	-	-	0	0	0	0	-	-	2	-	-	-
Ethyl Methacrylate	SW-846:8260B	ug/L	6	0	0	5	5	5	6	100	-	-	0	0	0	0	-	-	2	-	-	-
Ethylbenzene	EPA:624	ug/L	8	0	0	1	1	1	8	100	-	-	0	0	0	0	29000	HHPU	2	-	-	-
Ethylbenzene	SW-846:8260B	ug/L	4	0	0	1	1	1	4	100	-	-	0	0	0	0	29000	HHPU	2	-	-	-
Hexachlorobutadiene	EPA:624	ug/L	8	0	0	1	1	1	8	100	-	-	0	0	0	0	-	-	2	-	-	-
Hexachlorobutadiene	SW-846:8260B	ug/L	6	0	0	1	1	1	6	100	-	-	0	0	0	0	-	-	2	-	-	-
Hexanone[2-]	EPA:624	ug/L	8	0	0	5	5	5	8	100	-	-	0	0	0	0	-	-	2	-	-	-
Hexanone[2-]	SW-846:8260B	ug/L	6	0	0	5	5	5	6	100	-	-	0	0	0	0	-	-	2	-	-	-
Iodomethane	EPA:624	ug/L	8	0	0	5	5	5	8	100	-	-	0	0	0	0	-	-	2	-	-	-
Iodomethane	SW-846:8260B	ug/L	6	0	0	5	5	5	6	100	-	-	0	0	0	0	-	-	2	-	-	-
Isobutyl alcohol	SW-846:8260B	ug/L	6	0	0	50	50	50	6	100	-	-	0	0	0	0	-	-	2	-	-	-
Isopropylbenzene	EPA:624	ug/L	8	0	0	1	1	1	8	100	-	-	0	0	0	0	-	-	2	-	-	-
Isopropylbenzene	SW-846:8260B	ug/L	6	0	0	1	1	1	6	100	-	-	0	0	0	0	-	-	2	-	-	-
Isopropyltoluene[4-]	EPA:624	ug/L	8	0	0	1	1	1	8	100	-	-	0	0	0	0	-	-	2	-	-	-
Isopropyltoluene[4-]	SW-846:8260B	ug/L	6	0	0	1	1	1	6	100	-	-	0	0	0	0	-	-	2	-	-	-
Methacrylonitrile	SW-846:8260B	ug/L	6	0	0	5	5	5	6	100	-	-	0	0	0	0	-	-	2	-	-	-
Methyl Methacrylate	SW-846:8260B	ug/L	6	0	0	5	5	5	6	100	-	-	0	0	0	0	-	-	2	-	-	-
Methyl-2-pentanone[4-]	EPA:624	ug/L	8	0	0	5	5	5	8	100	-	-	0	0	0	0	-	-	2	-	-	-
Methyl-2-pentanone[4-]	SW-846:8260B	ug/L	6	0	0	5	5	5	6	100	-	-	0	0	0	0	-	-	2	-	-	-
Methylene Chloride	EPA:624	ug/L	8	0	0	2	4.625	5	8	100	-	-	0	0	0	0	5900	HHPU	2	-	-	-
Methylene Chloride	SW-846:8260B	ug/L	5	0	0	4	4.76	5	5	100	-	-	0	0	0	0	5900	HHPU	2	-	-	-
Naphthalene	EPA:624	ug/L	8	0	0	1	1	1	8	100	-	-	0	0	0	0	-	-	2	-	-	-
Naphthalene	SW-846:8260B	ug/L	6	0	0	1	1	1	6	100	-	-	0	0	0	0	-	-	2	-	-	-
Propionitrile	SW-846:8260B	ug/L	6	0	0	5	5	5	6	100	-	-	0	0	0	0	-	-	2	-	-	-
Propylbenzene[1-]	EPA:624	ug/L	8	0	0	1	1	1	8	100	-	-	0	0	0	0	-	-	2	-	-	-
Propylbenzene[1-]	SW-846:8260B	ug/L	4	0	0	1	1	1	4	100	-	-	0	0	0	0	-	-	2	-	-	-
Styrene	EPA:624	ug/L	8	0	0	1	1	1	8	100	-	-	0	0	0	0	-	-	2	-	-	-
Styrene	SW-846:8260B	ug/L	4	0	0	1	1	1	4	100	-	-	0	0	0	0	-	-	2	-	-	-
Tetrachloroethane[1,1,1,2-]	EPA:624	ug/L	8	0	0	1	1	1	8	100	-	-	0	0	0	0	-	-	2	-	-	-
Tetrachloroethane[1,1,1,2-]	SW-846:8260B	ug/L	6	0	0	1	1	1	6	100	-	-	0	0	0	0	-	-	2	-	-	-
Tetrachloroethane[1,1,2,2-]	EPA:624	ug/L	8	0	0	1	1	1	8	100	-	-	0	0	0	0	40	HHPU	2	-	-	-
Tetrachloroethane[1,1,2,2-]	SW-846:8260B	ug/L	6	0	0	1	1	1	6	100	-	-	0	0	0	0	40	HHPU	2	-	-	-
Tetrachloroethene	EPA:624	ug/L	8	0	0	1	1	1	8	100	-	-	0	0	0	0	33	HHPU	2	-	-	-
Tetrachloroethene	SW-846:8260B	ug/L	6	0	0	1	1	1	6	100	-	-	0	0	0	0	33	HHPU	2	-	-	-
Toluene	EPA:624	ug/L	8	0	0	1	1	1	8	100	-	-	0	0	0	0	200000	HHPU	2	-	-	-
Toluene	SW-846:8260B	ug/L	6	0	0	1	1	1	6	100	-	-	0	0	0	0	200000	HHPU	2	-	-	-
Trichloro-1,2,2-trifluoroethane[1,1,2-]	EPA:624	ug/L	8	0	0	5	5	5	8	100	-	-	0	0	0	0	-	-	2	-	-	-
Trichloro-1,2,2-trifluoroethane[1,1,2-]	SW-846:8260B	ug/L	6	0	0	5	5	5	6	100	-	-	0	0	0	0	-	-	2	-	-	-
Trichlorobenzene[1,2,3-]	SW-846:8260B	ug/L	6	0	0	1	1	1	6	100	-	-	0	0	0	0	-	-	2	-	-	-
Trichlorobenzene[1,2,4-]	SW-846:8260B	ug/L	6	0	0	1	1	1	6	100	-	-	0	0	0	0	-	-	2	-	-	-

Table B-6
Screening Table for Frijoles, Ancho, and Chaquehui Watersheds

Analyte	Method	Units	No. of Analyses	No. of Detects	D Rate %	Min	Mean	Max	No. of Non-detects	ND Rate %	BV	D> BV	ND> Std	D> Std	D> Std/2	D>Std/2 Rate %	Level	Std Type	Locations with Data (number)	D>Std (number of locations)	D>Std/2 (number of locations)	D>Std Stations
Trichloroethane[1,1,1-]	EPA:624	ug/L	8	0	0	1	1	1	8	100	-	-	0	0	0	0	-	-	2	-	-	-
Trichloroethane[1,1,1-]	SW-846:8260B	ug/L	6	0	0	1	1	1	6	100	-	-	0	0	0	0	-	-	2	-	-	-
Trichloroethane[1,1,2-]	EPA:624	ug/L	8	0	0	1	1	1	8	100	-	-	0	0	0	0	160	HHPU	2	-	-	-
Trichloroethane[1,1,2-]	SW-846:8260B	ug/L	6	0	0	1	1	1	6	100	-	-	0	0	0	0	160	HHPU	2	-	-	-
Trichloroethene	EPA:624	ug/L	8	0	0	1	1	1	8	100	-	-	0	0	0	0	300	HHPU	2	-	-	-
Trichloroethene	SW-846:8260B	ug/L	6	0	0	1	1	1	6	100	-	-	0	0	0	0	300	HHPU	2	-	-	-
Trichlorofluoromethane	EPA:624	ug/L	8	0	0	1	1	1	8	100	-	-	0	0	0	0	-	-	2	-	-	-
Trichlorofluoromethane	SW-846:8260B	ug/L	6	0	0	1	1	1	6	100	-	-	0	0	0	0	-	-	2	-	-	-
Trichloropropane[1,2,3-]	EPA:624	ug/L	8	0	0	1	1	1	8	100	-	-	0	0	0	0	-	-	2	-	-	-
Trichloropropane[1,2,3-]	SW-846:8260B	ug/L	6	0	0	1	1	1	6	100	-	-	0	0	0	0	-	-	2	-	-	-
Trimethylbenzene[1,2,4-]	EPA:624	ug/L	8	0	0	1	1	1	8	100	-	-	0	0	0	0	-	-	2	-	-	-
Trimethylbenzene[1,2,4-]	SW-846:8260B	ug/L	6	0	0	1	1	1	6	100	-	-	0	0	0	0	-	-	2	-	-	-
Trimethylbenzene[1,3,5-]	EPA:624	ug/L	8	0	0	1	1	1	8	100	-	-	0	0	0	0	-	-	2	-	-	-
Trimethylbenzene[1,3,5-]	SW-846:8260B	ug/L	6	0	0	1	1	1	6	100	-	-	0	0	0	0	-	-	2	-	-	-
Vinyl acetate	SW-846:8260B	ug/L	6	0	0	5	5	5	6	100	-	-	0	0	0	0	-	-	2	-	-	-
Vinyl Chloride	EPA:624	ug/L	8	0	0	1	1	1	8	100	-	-	0	0	0	0	5300	HHPU	2	-	-	-
Vinyl Chloride	SW-846:8260B	ug/L	6	0	0	1	1	1	6	100	-	-	0	0	0	0	5300	HHPU	2	-	-	-
Xylene (Total)	EPA:624	ug/L	8	0	0	1	1.25	3	8	100	-	-	0	0	0	0	-	-	2	-	-	-
Xylene[1,2-]	EPA:624	ug/L	8	0	0	1	1	1	8	100	-	-	0	0	0	0	-	-	2	-	-	-
Xylene[1,2-]	SW-846:8260B	ug/L	4	0	0	1	1	1	4	100	-	-	0	0	0	0	-	-	2	-	-	-
Xylene[1,3-]+Xylene[1,4-]	EPA:624	ug/L	8	0	0	2	2	2	8	100	-	-	0	0	0	0	-	-	2	-	-	-
Xylene[1,3-]+Xylene[1,4-]	SW-846:8260B	ug/L	4	0	0	2	2	2	4	100	-	-	0	0	0	0	-	-	2	-	-	-
Ancho, VOA, UF, Regional																						
Acetone	SW-846:8260B	ug/L	32	10	31	1.73	3.954	9.3	22	69	-	-	0	0	0	0	5475	Reg6	4	-	-	-
Acetonitrile	SW-846:8260B	ug/L	28	1	4	10.2	10.2	10.2	27	96	-	-	0	0	0	0	124.1	Reg6	4	-	-	-
Acrolein	SW-846:8260B	ug/L	35	0	0	5	5	5	35	100	-	-	35	0	0	0	0.04161916	Reg6	4	-	-	-
Acrylonitrile	SW-846:8260B	ug/L	35	0	0	5	5	5	35	100	-	-	35	0	0	0	1.237239	Reg6	4	-	-	-
Benzene	SW-846:8260B	ug/L	36	0	0	1	1	1	36	100	-	-	0	0	0	0	5	MCL	4	-	-	-
Bromobenzene	SW-846:8260B	ug/L	36	0	0	1	1	1	36	100	-	-	0	0	0	0	23.25201	Reg6	4	-	-	-
Bromochloromethane	SW-846:8260B	ug/L	36	0	0	1	1	1	36	100	-	-	0	0	0	0	-	-	4	-	-	-
Bromodichloromethane	SW-846:8260B	ug/L	36	0	0	1	1	1	36	100	-	-	0	0	0	0	10.69108	Reg6	4	-	-	-
Bromoform	SW-846:8260B	ug/L	36	0	0	1	1	1	36	100	-	-	0	0	0	0	85.10321	Reg6	4	-	-	-
Bromomethane	SW-846:8260B	ug/L	36	0	0	1	1	1	36	100	-	-	0	0	0	0	8.661017	Reg6	4	-	-	-
Butanol[1-]	SW-846:8260B	ug/L	1	0	0	50	50	50	1	100	-	-	0	0	0	0	3650	Reg6	1	-	-	-
Butanone[2-]	SW-846:8260B	ug/L	35	0	0	5	5	5	35	100	-	-	0	0	0	0	7064.516	Reg6	4	-	-	-
Butylbenzene[n-]	SW-846:8260B	ug/L	36	0	0	1	1	1	36	100	-	-	0	0	0	0	60.83333	Reg6	4	-	-	-
Butylbenzene[sec-]	SW-846:8260B	ug/L	36	0	0	1	1	1	36	100	-	-	0	0	0	0	60.83333	Reg6	4	-	-	-
Butylbenzene[tert-]	SW-846:8260B	ug/L	36	0	0	1	1	1	36	100	-	-	0	0	0	0	60.83333	Reg6	4	-	-	-
Carbon Disulfide	SW-846:8260B	ug/L	36	0	0	5	5	5	36	100	-	-	0	0	0	0	1042.857	Reg6	4	-	-	-
Carbon Tetrachloride	SW-846:8260B	ug/L	36	0	0	1	1	1	36	100	-	-	0	0	0	0	5	MCL	4	-	-	-
Chloro-1,3-butadiene[2-]	SW-846:8260B	ug/L	28	0	0	1	1	1	28	100	-	-	0	0	0	0	14.31373	Reg6	4	-	-	-
Chloro-1-propene[3-]	SW-846:8260B	ug/L	28	0	0	5	5	5	28	100	-	-	0	0	0	0	1825	Reg6	4	-	-	-
Chlorobenzene	SW-846:8260B	ug/L	36	0	0	1	1	1	36	100	-	-	0	0	0	0	100	MCL	4	-	-	-
Chlorodibromomethane	SW-846:8260B	ug/L	36	0	0	1	1	1	36	100	-	-	0	0	0	0	7.891034	Reg6	4	-	-	-
Chloroethane	SW-846:8260B	ug/L	36	0	0	1	1	1	36	100	-	-	0	0	0	0	228.5679	Reg6	4	-	-	-
Chloroethyl vinyl ether[2-]	EPA:624	ug/L	4	0	0	5	5	5	4	100	-	-	0	0	0	0	-	-	3	-	-	-
Chloroethyl vinyl ether[2-]	SW-846:8260B	ug/L	3	0	0	5	5	5	3	100	-	-	0	0	0	0	-	-	2	-	-	-
Chloroform	SW-846:8260B	ug/L	36	0	0	1	1	1	36	100	-	-	0	0	0	0	60	MCL	4	-	-	-
Chloromethane	SW-846:8260B	ug/L	36	0	0	1	1	1	36	100	-	-	0	0	0	0	21.34503	Reg6	4	-	-	-
Chlorotoluene[2-]	SW-846:8260B	ug/L	36	0	0	1	1	1	36	100	-	-	0	0	0	0	121.6667	Reg6	4	-	-	-
Chlorotoluene[4-]	SW-846:8260B	ug/L	36	0	0	1	1	1	36	100	-	-	0	0	0	0	-	-	4	-	-	-
Dibromo-3-Chloropropane[1,2-]	SW-846:8260B	ug/L	36	0	0	1	1	1	36	100	-	-	36	0	0	0	0.2	MCL	4	-	-	-
Dibromoethane[1,2-]	SW-846:8260B	ug/L	36	0	0	1	1	1	36	100	-	-	36	0	0	0	0.05	MCL	4	-	-	-
Dibromomethane	SW-846:8260B	ug/L	36	0	0	1	1	1	36	100	-	-	0	0	0	0	60.83333	Reg6	4	-	-	-
Dichlorobenzene[1,2-]	SW-846:8260B	ug/L	36	0	0	1	1	1	36	100	-	-	0	0	0	0	-	-	4	-	-	-
Dichlorobenzene[1,3-]	SW-846:8260B	ug/L	36	0	0	1	1	1	36	100	-	-	0	0	0	0	-	-	4	-	-	-
Dichlorobenzene[1,4-]	SW-846:8260B	ug/L	36	2	6	0.24	0.25	0.26	34	94	-	-	0	0	0	0	-	-	4	-	-	-
Dichlorodifluoromethane	SW-846:8260B	ug/L	36	0	0	1	1	1	36	100	-	-	0	0	0	0	394.5946	Reg6	4	-	-	-
Dichloroethane[1,1-]	SW-846:8260B	ug/L	36	0	0	1	1	1	36	100	-	-	0	0	0	0	25	NMGSU	4	-	-	-

Table B-6
Screening Table for Frijoles, Ancho, and Chaquehui Watersheds

Analyte	Method	Units	No. of Analyses	No. of Detects	D Rate %	Min	Mean	Max	No. of Non-detects	ND Rate %	BV	D> BV	ND> Std	D> Std	D> Std/2	D>Std/2 Rate %	Level	Std Type	Locations with Data (number)	D>Std (number of locations)	D>Std/2 (number of locations)	D>Std Stations
Dichloroethane[1,2-]	SW-846:8260B	ug/L	36	0	0	1	1	1	36	100	-	-	0	0	0	0	5	MCL	4	-	-	-
Dichloroethene[1,1-]	SW-846:8260B	ug/L	36	0	0	1	1	1	36	100	-	-	0	0	0	0	5	NMGSU	4	-	-	-
Dichloroethene[cis-1,2-]	SW-846:8260B	ug/L	29	0	0	1	1	1	29	100	-	-	0	0	0	0	70	MCL	4	-	-	-
Dichloroethene[trans-1,2-]	SW-846:8260B	ug/L	36	0	0	1	1	1	36	100	-	-	0	0	0	0	100	MCL	4	-	-	-
Dichloropropane[1,2-]	SW-846:8260B	ug/L	36	0	0	1	1	1	36	100	-	-	0	0	0	0	5	MCL	4	-	-	-
Dichloropropane[1,3-]	SW-846:8260B	ug/L	36	0	0	1	1	1	36	100	-	-	0	0	0	0	-	-	4	-	-	-
Dichloropropane[2,2-]	SW-846:8260B	ug/L	36	0	0	1	1	1	36	100	-	-	0	0	0	0	-	-	4	-	-	-
Dichloropropene[1,1-]	SW-846:8260B	ug/L	36	0	0	1	1	1	36	100	-	-	0	0	0	0	-	-	4	-	-	-
Dichloropropene[cis-1,3-]	SW-846:8260B	ug/L	36	0	0	1	1	1	36	100	-	-	0	0	0	0	-	-	4	-	-	-
Dichloropropene[trans-1,3-]	SW-846:8260B	ug/L	36	0	0	1	1	1	36	100	-	-	0	0	0	0	-	-	4	-	-	-
Diethyl Ether	SW-846:8260B	ug/L	5	0	0	1	1	1	5	100	-	-	0	0	0	0	-	-	4	-	-	-
Dioxane[1,4-]	SW-846:8260B	ug/L	1	0	0	50	50	50	1	100	-	-	0	0	0	0	-	-	1	-	-	-
Ethyl Methacrylate	SW-846:8260B	ug/L	28	0	0	5	5	5	28	100	-	-	0	0	0	0	547.5	Reg6	4	-	-	-
Ethylbenzene	SW-846:8260B	ug/L	34	0	0	1	1	1	34	100	-	-	0	0	0	0	700	MCL	4	-	-	-
Hexachlorobutadiene	SW-846:8260B	ug/L	35	0	0	1	1	1	35	100	-	-	0	0	0	0	-	-	4	-	-	-
Hexanone[2-]	SW-846:8260B	ug/L	35	0	0	5	5	5	35	100	-	-	0	0	0	0	-	-	4	-	-	-
Iodomethane	SW-846:8260B	ug/L	35	0	0	5	5	5	35	100	-	-	0	0	0	0	-	-	4	-	-	-
Isobutyl alcohol	SW-846:8260B	ug/L	21	0	0	50	50	50	21	100	-	-	0	0	0	0	1825	Reg6	4	-	-	-
Isopropylbenzene	SW-846:8260B	ug/L	36	0	0	1	1	1	36	100	-	-	0	0	0	0	658.1967	Reg6	4	-	-	-
Isopropyltoluene[4-]	SW-846:8260B	ug/L	36	0	0	1	1	1	36	100	-	-	0	0	0	0	-	-	4	-	-	-
Methacrylonitrile	SW-846:8260B	ug/L	28	0	0	5	5	5	28	100	-	-	28	0	0	0	1.042857	Reg6	4	-	-	-
Methyl Methacrylate	SW-846:8260B	ug/L	28	0	0	5	5	5	28	100	-	-	0	0	0	0	1419.444	Reg6	4	-	-	-
Methyl tert-Butyl Ether	SW-846:8260B	ug/L	5	0	0	1	1	1	5	100	-	-	0	0	0	0	370.8305	Reg6	4	-	-	-
Methyl-2-pentanone[4-]	SW-846:8260B	ug/L	36	0	0	5	5	5	36	100	-	-	0	0	0	0	1990.909	Reg6	4	-	-	-
Methylene Chloride	SW-846:8260B	ug/L	36	2	6	0.55	0.67	0.79	34	94	-	-	0	0	0	0	5	MCL	4	-	-	-
Naphthalene	SW-846:8260B	ug/L	34	0	0	0.74	0.99235	1	34	100	-	-	0	0	0	0	-	-	4	-	-	-
Propionitrile	SW-846:8260B	ug/L	28	0	0	5	5	5	28	100	-	-	0	0	0	0	-	-	4	-	-	-
Propylbenzene[1-]	SW-846:8260B	ug/L	36	0	0	1	1	1	36	100	-	-	0	0	0	0	60.83333	Reg6	4	-	-	-
Styrene	SW-846:8260B	ug/L	36	0	0	1	1	1	36	100	-	-	0	0	0	0	100	MCL	4	-	-	-
Tetrachloroethane[1,1,1,2-]	SW-846:8260B	ug/L	36	0	0	1	1	1	36	100	-	-	0	0	0	0	25.49549	Reg6	4	-	-	-
Tetrachloroethane[1,1,2,2-]	SW-846:8260B	ug/L	36	0	0	1	1	1	36	100	-	-	0	0	0	0	10	NMGSU	4	-	-	-
Tetrachloroethene	SW-846:8260B	ug/L	36	0	0	1	1	1	36	100	-	-	0	0	0	0	5	MCL	4	-	-	-
Toluene	SW-846:8260B	ug/L	34	2	6	0.17	0.19	0.21	32	94	-	-	0	0	0	0	750	NMGSU	4	-	-	-
Trichloro-1,2,2-trifluoroethane[1,1,2-]	SW-846:8260B	ug/L	36	0	0	5	5	5	36	100	-	-	0	0	0	0	59179.86	Reg6	4	-	-	-
Trichlorobenzene[1,2,3-]	SW-846:8260B	ug/L	27	0	0	1	1	1	27	100	-	-	0	0	0	0	-	-	4	-	-	-
Trichlorobenzene[1,2,4-]	SW-846:8260B	ug/L	28	0	0	1	1	1	28	100	-	-	0	0	0	0	-	-	4	-	-	-
Trichloroethane[1,1,1-]	SW-846:8260B	ug/L	36	0	0	1	1	1	36	100	-	-	0	0	0	0	60	NMGSU	4	-	-	-
Trichloroethane[1,1,2-]	SW-846:8260B	ug/L	36	0	0	1	1	1	36	100	-	-	0	0	0	0	5	MCL	4	-	-	-
Trichloroethene	SW-846:8260B	ug/L	36	0	0	1	1	1	36	100	-	-	0	0	0	0	5	MCL	4	-	-	-
Trichlorofluoromethane	SW-846:8260B	ug/L	36	0	0	1	1	1	36	100	-	-	0	0	0	0	5	MCL	4	-	-	-
Trichloropropane[1,2,3-]	SW-846:8260B	ug/L	36	0	0	1	1	1	36	100	-	-	36	0	0	0	0.09469241	Reg6	4	-	-	-
Trimethylbenzene[1,2,4-]	SW-846:8260B	ug/L	36	0	0	1	1	1	36	100	-	-	0	0	0	0	12.42906	Reg6	4	-	-	-
Trimethylbenzene[1,3,5-]	SW-846:8260B	ug/L	36	0	0	1	1	1	36	100	-	-	0	0	0	0	12.32618	Reg6	4	-	-	-
Vinyl acetate	SW-846:8260B	ug/L	28	0	0	5	5	5	28	100	-	-	0	0	0	0	412.4294	Reg6	4	-	-	-
Vinyl Chloride	SW-846:8260B	ug/L	36	0	0	1	1	1	36	100	-	-	0	0	0	0	1	NMGSU	4	-	-	-
Xylene (Total)	SW-846:8260B	ug/L	8	0	0	1	1.5	3	8	100	-	-	0	0	0	0	10000	MCL	4	-	-	-
Xylene[1,2-]	SW-846:8260B	ug/L	33	0	0	1	1	1	33	100	-	-	0	0	0	0	1431.373	Reg6	4	-	-	-
Xylene[1,3-]+Xylene[1,4-]	SW-846:8260B	ug/L	33	0	0	2	2	2	33	100	-	-	0	0	0	0	-	-	4	-	-	-
Ancho, RAD, F, Ephemeral																						
Americium-241	HASL-300:AM-241	pCi/L	4	0	0	-0.00743	0.00406	0.021	4	100	-	-	0	0	0	0	20	NMRPS	1	-	-	-
Cesium-137	EPA:901.1	pCi/L	4	0	0	-1.88	-0.48425	2.47	4	100	-	-	0	0	0	0	40	BCG	1	-	-	-
Cobalt-60	EPA:901.1	pCi/L	4	0	0	-1.76	-0.30775	1.46	4	100	-	-	0	0	0	0	3000	NMRPS	1	-	-	-
Gross alpha	EPA:900	pCi/L	4	0	0	-0.487	-0.04528	0.231	4	100	-	-	0	0	0	0	-	-	1	-	-	-
Gross beta	EPA:900	pCi/L	4	0	0	1.3	1.7225	2.12	4	100	-	-	0	0	0	0	-	-	1	-	-	-
Gross gamma	EPA:901.1	pCi/L	4	0	0	65.3	91.55	130	4	100	-	-	0	0	0	0	-	-	1	-	-	-
Neptunium-237	EPA:901.1	pCi/L	4	0	0	-12.4	2.09	9.38	4	100	-	-	0	0	0	0	20	NMRPS	1	-	-	-
Plutonium-238	HASL-300:ISOPU	pCi/L	4	0	0	-0.0068	-0.00027	0.0103	4	100	-	-	0	0	0	0	20	NMRPS	1	-	-	-
Plutonium-239/240	HASL-300:ISOPU	pCi/L	4	0	0	0	0.0039	0.00686	4	100	-	-	0	0	0	0	20	NMRPS	1	-	-	-
Potassium-40	EPA:901.1	pCi/L	4	0	0	-6.73	5.4175	15.8	4	100	-	-	0	0	0	0	4000	NMRPS	1	-	-	-

Table B-6
Screening Table for Frijoles, Ancho, and Chaquehui Watersheds

Analyte	Method	Units	No. of Analyses	No. of Detects	D Rate %	Min	Mean	Max	No. of Non-detects	ND Rate %	BV	D> BV	ND> Std	D> Std	D> Std/2	D>Std/2 Rate %	Level	Std Type	Locations with Data (number)	D>Std (number of locations)	D>Std/2 (number of locations)	D>Std Stations
Sodium-22	EPA:901.1	pCi/L	4	0	0	*-2*	*-0.608*	*0.141*	4	100	-	-	0	0	0	0	6000	NMRPS	1	-	-	-
Strontium-90	EPA:905.0	pCi/L	4	0	0	*-0.0878*	*0.02933*	*0.156*	4	100	-	-	0	0	0	0	300	BCG	1	-	-	-
Uranium-234	HASL-300:ISOU	pCi/L	4	4	100	0.089	0.151	0.195	0	0	-	-	0	0	0	0	200	BCG	1	-	-	-
Uranium-235/Uranium-236	HASL-300:ISOU	pCi/L	4	0	0	*0.00971*	*0.01155*	*0.0154*	4	100	-	-	0	0	0	0	-	-	1	-	-	-
Uranium-238	HASL-300:ISOU	pCi/L	4	3	75	0.0683	0.1081	0.153	1	25	-	-	0	0	0	0	200	BCG	1	-	-	-
Ancho, RAD, UF, Ephemeral																						
Americium-241	Generic:Alpha-Spec	pCi/L	3	0	0	*2.7E-10*	*0.01163*	*0.0183*	3	100	-	-	0	0	0	0	20	NMRPS	1	-	-	-
Americium-241	HASL-300:AM-241	pCi/L	4	0	0	*-0.0133*	*-0.00589*	*0.00629*	4	100	-	-	0	0	0	0	20	NMRPS	1	-	-	-
Cesium-137	EPA:901.1	pCi/L	7	0	0	*-1.91*	*0.30329*	*2.93*	7	100	-	-	0	0	0	0	40	BCG	1	-	-	-
Cobalt-60	EPA:901.1	pCi/L	7	0	0	*-1.29*	*0.36757*	*2.42*	7	100	-	-	0	0	0	0	3000	NMRPS	1	-	-	-
Gross alpha	EPA:900	pCi/L	7	0	0	*-0.446*	*-0.06367*	*0.14*	7	100	-	-	0	0	0	0	-	-	1	-	-	-
Gross beta	EPA:900	pCi/L	7	2	29	1.8	1.985	2.17	5	71	-	-	0	0	0	0	-	-	1	-	-	-
Gross gamma	EPA:901.1	pCi/L	7	0	0	*70*	*80.8429*	*97.4*	7	100	-	-	0	0	0	0	-	-	1	-	-	-
Neptunium-237	EPA:901.1	pCi/L	7	0	0	*-15.6*	*-4.85*	*13.9*	7	100	-	-	0	0	0	0	20	NMRPS	1	-	-	-
Plutonium-238	Generic:Alpha-Spec	pCi/L	3	0	0	*-0.00239*	*0.00697*	*0.0127*	3	100	-	-	0	0	0	0	20	NMRPS	1	-	-	-
Plutonium-238	HASL-300:ISOPU	pCi/L	4	0	0	*-0.0102*	*-0.00162*	*0.00397*	4	100	-	-	0	0	0	0	20	NMRPS	1	-	-	-
Plutonium-239/240	Generic:Alpha-Spec	pCi/L	3	0	0	*-0.0127*	*-0.00344*	*0.00239*	3	100	-	-	0	0	0	0	20	NMRPS	1	-	-	-
Plutonium-239/240	HASL-300:ISOPU	pCi/L	4	0	0	*-0.0111*	*-0.00462*	*0.00203*	4	100	-	-	0	0	0	0	20	NMRPS	1	-	-	-
Potassium-40	EPA:901.1	pCi/L	6	0	0	*2.04*	*21.085*	*43.2*	6	100	-	-	0	0	0	0	4000	NMRPS	1	-	-	-
Radium-226	EPA:903.1	pCi/L	3	1	33	0.741	0.741	0.741	2	67	-	-	0	0	0	0	60	NMRPS	1	-	-	-
Sodium-22	EPA:901.1	pCi/L	7	0	0	*-1.66*	*-0.2476*	*1.6*	7	100	-	-	0	0	0	0	6000	NMRPS	1	-	-	-
Strontium-90	EPA:905.0	pCi/L	4	0	0	*-0.0436*	*0.0363*	*0.16*	4	100	-	-	0	0	0	0	300	BCG	1	-	-	-
Strontium-90	Generic:Gas Flow Proportional Counting	pCi/L	3	0	0	*-0.177*	*0.0182*	*0.151*	3	100	-	-	0	0	0	0	300	BCG	1	-	-	-
Thorium-228	Generic:Alpha-Spec	pCi/L	2	0	0	*-0.00406*	*0.00159*	*0.00723*	2	100	-	-	0	0	0	0	-	-	1	-	-	-
Thorium-230	Generic:Alpha-Spec	pCi/L	2	0	0	*0.0176*	*0.0858*	*0.154*	2	100	-	-	0	0	0	0	-	-	1	-	-	-
Thorium-232	Generic:Alpha-Spec	pCi/L	2	1	50	1.6	1.6	1.6	1	50	-	-	0	0	0	0	300	BCG	1	-	-	-
Tritium	EPA:906.0	pCi/L	5	0	0	*-43.5*	*30.32*	*112*	5	100	-	-	0	0	0	0	1000000	NMRPS	1	-	-	-
Tritium	Generic:LLEE	pCi/L	3	2	67	1.21334	1.899835	2.58633	1	33	-	-	0	0	0	0	1000000	NMRPS	1	-	-	-
Uranium-234	Generic:Alpha-Spec	pCi/L	3	3	100	0.061	0.102333	0.146	0	0	-	-	0	0	0	0	200	BCG	1	-	-	-
Uranium-234	HASL-300:ISOU	pCi/L	4	4	100	0.096	0.13625	0.208	0	0	-	-	0	0	0	0	200	BCG	1	-	-	-
Uranium-235/Uranium-236	Generic:Alpha-Spec	pCi/L	3	0	0	*0.00489*	*0.00694*	*0.00802*	3	100	-	-	0	0	0	0	-	-	1	-	-	-
Uranium-235/Uranium-236	HASL-300:ISOU	pCi/L	4	0	0	*0*	*0.01073*	*0.021*	4	100	-	-	0	0	0	0	-	-	1	-	-	-
Uranium-238	Generic:Alpha-Spec	pCi/L	3	1	33	0.059	0.059	0.059	2	67	-	-	0	0	0	0	200	BCG	1	-	-	-
Uranium-238	HASL-300:ISOU	pCi/L	4	1	25	0.115	0.115	0.115	3	75	-	-	0	0	0	0	200	BCG	1	-	-	-
Ancho, RAD, F, Perennial																						
Americium-241	HASL-300:AM-241	pCi/L	6	0	0	*-0.0186*	*0.00176*	*0.0221*	6	100	-	-	0	0	0	0	20	NMRPS	2	-	-	-
Cesium-137	EPA:901.1	pCi/L	6	0	0	*-0.836*	*0.68167*	*1.78*	6	100	-	-	0	0	0	0	40	BCG	2	-	-	-
Cobalt-60	EPA:901.1	pCi/L	6	0	0	*-0.831*	*0.784*	*1.76*	6	100	-	-	0	0	0	0	3000	NMRPS	2	-	-	-
Gross alpha	EPA:900	pCi/L	6	0	0	*-0.732*	*-0.12532*	*0.556*	6	100	-	-	0	0	0	0	-	-	2	-	-	-
Gross beta	EPA:900	pCi/L	6	3	50	3.01	3.21	3.32	3	50	-	-	0	0	0	0	-	-	2	-	-	-
Gross gamma	EPA:901.1	pCi/L	6	0	0	*57.6*	*77.2*	*92.2*	6	100	-	-	0	0	0	0	-	-	2	-	-	-
Neptunium-237	EPA:901.1	pCi/L	6	0	0	*-2.62*	*3.37333*	*14.7*	6	100	-	-	0	0	0	0	20	NMRPS	2	-	-	-
Plutonium-238	HASL-300:ISOPU	pCi/L	6	0	0	*-0.0344*	*-0.01213*	*0.0039*	6	100	-	-	0	0	0	0	20	NMRPS	2	-	-	-
Plutonium-239/240	HASL-300:ISOPU	pCi/L	6	0	0	*-0.0205*	*-0.0049*	*0.0081*	6	100	-	-	0	0	0	0	20	NMRPS	2	-	-	-
Potassium-40	EPA:901.1	pCi/L	6	0	0	*-9.54*	*10.2338*	*42.8*	6	100	-	-	0	0	0	0	4000	NMRPS	2	-	-	-
Sodium-22	EPA:901.1	pCi/L	6	0	0	*-1.87*	*0.36133*	*3.07*	6	100	-	-	0	0	0	0	6000	NMRPS	2	-	-	-
Strontium-90	EPA:905.0	pCi/L	6	0	0	*-0.109*	*-0.00845*	*0.139*	6	100	-	-	0	0	0	0	300	BCG	2	-	-	-
Uranium-234	HASL-300:ISOU	pCi/L	6	4	67	0.0995	0.122375	0.137	2	33	-	-	0	0	0	0	200	BCG	2	-	-	-
Uranium-235/Uranium-236	HASL-300:ISOU	pCi/L	6	0	0	*0.00324*	*0.01471*	*0.0302*	6	100	-	-	0	0	0	0	-	-	2	-	-	-
Uranium-238	HASL-300:ISOU	pCi/L	6	3	50	0.0704	0.109533	0.178	3	50	-	-	0	0	0	0	200	BCG	2	-	-	-
Ancho, RAD, UF, Perennial																						
Americium-241	Generic:Alpha-Spec	pCi/L	8	1	13	0.00959	0.00959	0.00959	7	88	-	-	0	0	0	0	20	NMRPS	2	-	-	-
Americium-241	HASL-300:AM-241	pCi/L	6	0	0	*-0.0123*	*0.00196*	*0.0116*	6	100	-	-	0	0	0	0	20	NMRPS	2	-	-	-
Cesium-137	EPA:901.1	pCi/L	12	0	0	*-2.38*	*0.33743*	*2.87*	12	100	-	-	0	0	0	0	40	BCG	2	-	-	-
Cobalt-60	EPA:901.1	pCi/L	14	0	0	*-4.42*	*-0.29236*	*1.53*	14	100	-	-	0	0	0	0	3000	NMRPS	2	-	-	-
Gross alpha	EPA:900	pCi/L	14	2	14	1.83	2.3	2.77	12	86	-	-	0	0	0	0	-	-	2	-	-	-
Gross beta	EPA:900	pCi/L	14	7	50	1.68	3.128571	5.97	7	50	-	-	0	0	0	0	-	-	2	-	-	-
Gross gamma	EPA:901.1	pCi/L	14	0	0	*54.7*	*95.0071*	*195*	14	100	-	-	0	0	0	0	-	-	2	-	-	-
Neptunium-237	EPA:901.1	pCi/L	14	0	0	*-15.4*	*1.53693*	*14.2*	14	100	-	-	0	0	0	0	20	NMRPS	2	-	-	-

Table B-6
Screening Table for Frijoles, Ancho, and Chaquehui Watersheds

Analyte	Method	Units	No. of Analyses	No. of Detects	D Rate %	Min	Mean	Max	No. of Non-detects	ND Rate %	BV	D> BV	ND> Std	D> Std	D> Std/2	D>Std/2 Rate %	Level	Std Type	Locations with Data (number)	D>Std (number of locations)	D>Std/2 (number of locations)	D>Std Stations
Plutonium-238	Generic:Alpha-Spec	pCi/L	8	0	0	-0.0236	-0.00409	0.00566	8	100	-	-	0	0	0	0	20	NMRPS	2	-	-	-
Plutonium-238	HASL-300:ISOPU	pCi/L	6	0	0	-0.0327	-0.00857	0.00195	6	100	-	-	0	0	0	0	20	NMRPS	2	-	-	-
Plutonium-239/240	Generic:Alpha-Spec	pCi/L	8	0	0	-0.0107	-0.00042	0.00675	8	100	-	-	0	0	0	0	20	NMRPS	2	-	-	-
Plutonium-239/240	HASL-300:ISOPU	pCi/L	6	0	0	-0.0186	-0.00347	0.00406	6	100	-	-	0	0	0	0	20	NMRPS	2	-	-	-
Potassium-40	EPA:901.1	pCi/L	12	0	0	-2.99	39.4559	118	12	100	-	-	0	0	0	0	4000	NMRPS	2	-	-	-
Radium-226	EPA:903.1	pCi/L	8	3	38	0.523	0.580333	0.67	5	63	-	-	0	0	0	0	60	NMRPS	2	-	-	-
Sodium-22	EPA:901.1	pCi/L	14	0	0	-0.807	0.37693	3.3	14	100	-	-	0	0	0	0	6000	NMRPS	2	-	-	-
Strontium-90	EPA:905.0	pCi/L	6	0	0	-0.088	0.02073	0.141	6	100	-	-	0	0	0	0	300	BCG	2	-	-	-
Strontium-90	Generic:Gas Flow Proportional Counting	pCi/L	8	1	13	3.63	3.63	3.63	7	88	-	-	0	0	0	0	300	BCG	2	-	-	-
Thorium-228	Generic:Alpha-Spec	pCi/L	7	1	14	0.0637	0.0637	0.0637	6	86	-	-	0	0	0	0	-	-	2	-	-	-
Thorium-230	Generic:Alpha-Spec	pCi/L	7	0	0	0.0194	0.095	0.152	7	100	-	-	0	0	0	0	-	-	2	-	-	-
Thorium-232	Generic:Alpha-Spec	pCi/L	7	1	14	0.0428	0.0428	0.0428	6	86	-	-	0	0	0	0	300	BCG	2	-	-	-
Tritium	EPA:906.0	pCi/L	11	0	0	-94	17.5818	90.1	11	100	-	-	0	0	0	0	1000000	NMRPS	2	-	-	-
Tritium	Generic:LLEE	pCi/L	4	4	100	6.67337	9.666808	11.84603	0	0	-	-	0	0	0	0	1000000	NMRPS	2	-	-	-
Uranium-234	Generic:Alpha-Spec	pCi/L	8	4	50	0.0664	0.094825	0.122	4	50	-	-	0	0	0	0	200	BCG	2	-	-	-
Uranium-234	HASL-300:ISOU	pCi/L	6	3	50	0.0647	0.1679	0.333	3	50	-	-	0	0	0	0	200	BCG	2	-	-	-
Uranium-235/Uranium-236	Generic:Alpha-Spec	pCi/L	7	0	0	6.1E-10	0.00753	0.0174	7	100	-	-	0	0	0	0	-	-	2	-	-	-
Uranium-235/Uranium-236	HASL-300:ISOU	pCi/L	6	0	0	-0.00321	0.0099	0.0174	6	100	-	-	0	0	0	0	-	-	2	-	-	-
Uranium-238	Generic:Alpha-Spec	pCi/L	8	2	25	0.0447	0.0505	0.0563	6	75	-	-	0	0	0	0	200	BCG	2	-	-	-
Uranium-238	HASL-300:ISOU	pCi/L	6	3	50	0.0622	0.121733	0.189	3	50	-	-	0	0	0	0	200	BCG	2	-	-	-
Ancho, RAD, F, Regional																						
Americium-241	HASL-300:AM-241	pCi/L	21	0	0	-0.0158	-0.00065	0.00935	21	100	0.032	-	0	0	0	0	20	NMRPS	4	-	-	-
Cesium-137	EPA:901.1	pCi/L	21	0	0	-1.3	0.0322	1.82	21	100	4.45	-	0	0	0	0	1000	NMRPS	4	-	-	-
Cobalt-60	EPA:901.1	pCi/L	21	0	0	-2.16	0.60057	3	21	100	-	-	0	0	0	0	3000	NMRPS	4	-	-	-
Gross alpha	EPA:900	pCi/L	21	4	19	1.36	2.5625	4.28	17	81	2.54	2	0	0	0	0	15	MCL	4	-	-	-
Gross beta	EPA:900	pCi/L	21	8	38	2.35	5.195	12.1	13	62	14.1	-	0	0	0	0	50	SMCL	4	-	-	-
Gross gamma	EPA:901.1	pCi/L	21	0	0	46.5	85.119	156	21	100	123	-	0	0	0	0	-	-	4	-	-	-
Neptunium-237	EPA:901.1	pCi/L	21	0	0	-20.6	0.64533	12.8	21	100	-	-	0	0	0	0	20	NMRPS	4	-	-	-
Plutonium-238	HASL-300:ISOPU	pCi/L	21	0	0	-0.0154	-0.00131	0.0239	21	100	0.025	-	0	0	0	0	20	NMRPS	4	-	-	-
Plutonium-239/240	HASL-300:ISOPU	pCi/L	19	0	0	-0.00768	0.00197	0.0117	19	100	-	-	0	0	0	0	20	NMRPS	4	-	-	-
Potassium-40	EPA:901.1	pCi/L	18	1	6	25.4	25.4	25.4	17	94	-	-	0	0	0	0	4000	NMRPS	4	-	-	-
Sodium-22	EPA:901.1	pCi/L	21	0	0	-1.59	-0.0015	2.32	21	100	-	-	0	0	0	0	6000	NMRPS	4	-	-	-
Strontium-90	EPA:905.0	pCi/L	21	0	0	-0.335	0.01719	0.336	21	100	4.49	-	0	0	0	0	8	MCL	4	-	-	-
Uranium-234	HASL-300:ISOU	pCi/L	21	21	100	0.102	0.280667	0.618	0	0	2.17	-	0	0	0	0	300	NMRPS	4	-	-	-
Uranium-235/Uranium-236	HASL-300:ISOU	pCi/L	21	0	0	-0.0033	0.01612	0.043	21	100	-	-	0	0	0	0	-	-	4	-	-	-
Uranium-238	HASL-300:ISOU	pCi/L	21	20	95	0.051	0.148995	0.393	1	5	1.2	-	0	0	0	0	300	NMRPS	4	-	-	-
Ancho, RAD, UF, Regional																						
Americium-241	Generic:Alpha-Spec	pCi/L	11	3	27	0.00669	0.03053	0.0664	8	73	-	-	0	0	0	0	20	NMRPS	4	-	-	-
Americium-241	HASL-300:AM-241	pCi/L	21	0	0	-0.0366	-0.00313	0.0113	21	100	-	-	0	0	0	0	20	NMRPS	4	-	-	-
Cesium-137	EPA:901.1	pCi/L	32	0	0	-3.67	0.34047	7.06	32	100	-	-	0	0	0	0	1000	NMRPS	4	-	-	-
Cobalt-60	EPA:901.1	pCi/L	31	0	0	-2.27	0.60461	4.04	31	100	-	-	0	0	0	0	3000	NMRPS	4	-	-	-
Gross alpha	EPA:900	pCi/L	31	4	13	1.18	2.15	2.95	27	87	-	-	0	0	0	0	15	MCL	4	-	-	-
Gross beta	EPA:900	pCi/L	31	9	29	2.17	3.796667	6.25	22	71	-	-	0	0	0	0	50	SMCL	4	-	-	-
Gross gamma	EPA:901.1	pCi/L	31	0	0	36.7	81.7194	162	31	100	-	-	0	0	0	0	-	-	4	-	-	-
Iodine-129	HASL-300:I-129	pCi/L	1	0	0	0.0828	0.0828	0.0828	1	100	-	-	0	0	0	0	-	-	1	-	-	-
Neptunium-237	EPA:901.1	pCi/L	31	0	0	-13.6	2.57016	17.7	31	100	-	-	0	0	0	0	20	NMRPS	4	-	-	-
Plutonium-238	Generic:Alpha-Spec	pCi/L	11	4	36	0	0.005928	0.00942	7	64	-	-	0	0	0	0	20	NMRPS	4	-	-	-
Plutonium-238	HASL-300:ISOPU	pCi/L	21	0	0	-0.024	-0.00018	0.0289	21	100	-	-	0	0	0	0	20	NMRPS	4	-	-	-
Plutonium-239/240	Generic:Alpha-Spec	pCi/L	11	4	36	0	0.007665	0.0161	7	64	-	-	0	0	0	0	20	NMRPS	4	-	-	-
Plutonium-239/240	HASL-300:ISOPU	pCi/L	20	0	0	-0.0233	-0.00094	0.0127	20	100	-	-	0	0	0	0	20	NMRPS	4	-	-	-
Potassium-40	EPA:901.1	pCi/L	29	2	7	34.9	76.95	119	27	93	-	-	0	0	0	0	4000	NMRPS	4	-	-	-
Radium-226	EPA:903.1	pCi/L	11	7	64	0.325	0.661143	0.91	4	36	-	-	0	0	0	0	5	MCL	4	-	-	-
Radium-228	EPA:904	pCi/L	5	4	80	0.581	1.27775	2.24	1	20	-	-	0	0	0	0	5	MCL	4	-	-	-
Sodium-22	EPA:901.1	pCi/L	32	0	0	-3.11	-0.04647	2.81	32	100	-	-	0	0	0	0	6000	NMRPS	4	-	-	-
Strontium-90	EPA:905.0	pCi/L	21	1	5	0.228	0.228	0.228	20	95	-	-	0	0	0	0	8	MCL	4	-	-	-
Strontium-90	Generic:Gas Flow Proportional Counting	pCi/L	14	0	0	-0.0887	0.0506	0.233	14	100	-	-	0	0	0	0	8	MCL	4	-	-	-
Technetium-99	HASL-300:TC99	pCi/L	1	0	0	-0.733	-0.733	-0.733	1	100	-	-	0	0	0	0	4000	DCG	1	-	-	-
Thorium-228	Generic:Alpha-Spec	pCi/L	6	0	0	-0.00974	0.01448	0.0606	6	100	-	-	0	0	0	0	-	-	3	-	-	-
Thorium-230	Generic:Alpha-Spec	pCi/L	6	0	0	0.0611	0.09512	0.16	6	100	-	-	0	0	0	0	-	-	3	-	-	-

Table B-6
Screening Table for Frijoles, Ancho, and Chaquehui Watersheds

Analyte	Method	Units	No. of Analyses	No. of Detects	D Rate %	Min	Mean	Max	No. of Non-detects	ND Rate %	BV	D> BV	ND> Std	D> Std	D> Std/2	D>Std/2 Rate %	Level	Std Type	Locations with Data (number)	D>Std (number of locations)	D>Std/2 (number of locations)	D>Std Stations
Thorium-232	Generic:Alpha-Spec	pCi/L	6	0	0	*-7.7E-10*	*0.012*	*0.02*	6	100	-	-	0	0	0	0	-	-	3	-	-	-
Tritium	EPA:906.0	pCi/L	17	2	12	216	259.5	303	15	88	11.43	2	0	0	0	0	20000	MCL	4	-	-	-
Tritium	Generic:LLEE	pCi/L	22	5	23	0.09579	0.25544	0.6386	17	77	11.43	-	0	0	0	0	20000	MCL	4	-	-	-
Uranium-234	Generic:Alpha-Spec	pCi/L	11	8	73	0.0883	0.283663	0.494	3	27	-	-	0	0	0	0	300	NMRPS	4	-	-	-
Uranium-234	HASL-300:ISOU	pCi/L	21	19	90	0.0907	0.308221	0.644	2	10	-	-	0	0	0	0	300	NMRPS	4	-	-	-
Uranium-235/Uranium-236	Generic:Alpha-Spec	pCi/L	11	2	18	0.046	0.04805	0.0501	9	82	-	-	0	0	0	0	-	-	4	-	-	-
Uranium-235/Uranium-236	HASL-300:ISOU	pCi/L	21	2	10	0.0291	0.0379	0.0467	19	90	-	-	0	0	0	0	-	-	4	-	-	-
Uranium-238	Generic:Alpha-Spec	pCi/L	11	7	64	0.0794	0.147829	0.309	4	36	-	-	0	0	0	0	300	NMRPS	4	-	-	-
Uranium-238	HASL-300:ISOU	pCi/L	21	19	90	0.0398	0.153047	0.398	2	10	-	-	0	0	0	0	300	NMRPS	4	-	-	-

Notes: See Table 1.7-1 for standard abbreviations and definitions.Values in italics represent statistics based on detection levels because analyte has not been detected at this location. A dash means none or no value.

Table B-7
Screening Table for White Rock Canyon and Rio Grande Watershed

Analyte	Method	Units	No. of Analyses	No. of Detects	D Rate %	Min	Mean	Max	No. of Non-detects	ND Rate %	BV	D> BV	ND> Std	D> Std	D> Std/2	D>Std/2 Rate %	Level	Std Type	Locations with Data (number)	D>Std (number of locations)	D>Std/2 (number of locations)	D>Std Stations
White Rock, Geninorg, F, Springs																						
Alkalinity-CO3	EPA:310.1	mg/L	135	17	13	0.74	1.79053	3.91	118	87	-	-	0	0	0	0	-	-	27	-	-	-
Alkalinity-CO3+HCO3	EPA:310.1	mg/L	135	135	100	51.1	95.103	889	0	0	-	-	0	0	0	0	-	-	27	-	-	-
Alkalinity-HCO3	EPA:310.1	mg/L	52	52	100	52.4	118.127	882	0	0	-	-	0	0	0	0	-	-	22	-	-	-
Ammonia as Nitrogen	EPA:350.1	mg/L	73	6	8	0.001	0.0125	0.041	67	92	-	-	0	0	0	0	0.2085714	Reg6	24	-	-	-
Bromide	EPA:300.0	mg/L	83	18	22	0.053	0.09717	0.185	65	78	-	-	0	0	0	0	-	-	24	-	-	-
Calcium	SW-846:6010B	mg/L	131	131	100	8.95	20.0229	60.5	0	0	-	-	0	0	0	0	-	-	27	-	-	-
Chloride	EPA:300.0	mg/L	135	135	100	1.61	4.04333	32.8	0	0	-	-	0	0	0	0	250	NMGSF	27	-	-	-
Cyanide (Total)	EPA:335.3	mg/L	44	6	14	0.00175	0.0035	0.0064	38	86	-	-	0	0	0	0	0.2	NMGSF	23	-	-	-
Cyanide (Total)	SW-846:9012A	mg/L	17	1	6	0.00215	0.00215	0.00215	16	94	-	-	0	0	0	0	0.2	NMGSF	15	-	-	-
Fluoride	EPA:300.0	mg/L	135	116	86	0.119	0.4453	1.19	19	14	-	-	0	0	3	2	1.6	NMGSF	27	-	1	-
Hardness	EPA:200.7	mg/L	49	49	100	35.7	65.7714	183	0	0	-	-	0	0	0	0	-	-	21	-	-	-
Hardness	SM:A2340B	mg/L	82	82	100	33.4	59.4427	113	0	0	-	-	0	0	0	0	-	-	24	-	-	-
Magnesium	SW-846:6010B	mg/L	131	131	100	0.275	2.86709	7.85	0	0	-	-	0	0	0	0	-	-	27	-	-	-
Nitrate-Nitrite as Nitrogen	EPA:353.1	mg/L	93	86	92	0.01	0.74163	6.35	7	8	-	-	0	0	1	1	10	NMGSF	27	-	1	-
Nitrate-Nitrite as Nitrogen	EPA:353.2	mg/L	37	35	95	0.01	0.8308	2.41	2	5	-	-	0	0	0	0	10	NMGSF	23	-	-	-
Perchlorate	EPA:314.0	ug/L	57	0	0	*4*	*4*	*4*	57	100	-	-	0	0	0	0	24.5	Reg6	23	-	-	-
Perchlorate	SW846 6850 Modified	ug/L	46	44	96	0.0909	0.38186	0.894	2	4	-	-	0	0	0	0	24.5	Reg6	23	-	-	-
Perchlorate	SW-846:6850	ug/L	37	35	95	0.0639	0.42217	0.848	2	5	-	-	0	0	0	0	24.5	Reg6	23	-	-	-
pH	EPA:150.1	SU	135	135	100	6.42	7.65356	8.58	0	0	-	-	0	0	0	0	-	-	27	-	-	-
Potassium	SW-846:6010B	mg/L	131	131	100	1.26	2.24458	4.03	0	0	-	-	0	0	0	0	-	-	27	-	-	-
Silicon Dioxide	SW-846:6010B	mg/L	113	112	99	28.4	58.3991	84.9	1	1	-	-	0	0	0	0	-	-	26	-	-	-
Sodium	SW-846:6010B	mg/L	131	131	100	9.3	17.7354	64	0	0	-	-	0	0	0	0	-	-	27	-	-	-
Specific Conductance	EPA:120.1	uS/cm	81	81	100	110	188.444	338	0	0	-	-	0	0	0	0	-	-	24	-	-	-
Specific Conductance	SW-846:9050A	uS/cm	54	54	100	111	201.944	528	0	0	-	-	0	0	0	0	-	-	22	-	-	-
Sulfate	EPA:300.0	mg/L	135	135	100	1.65	5.82348	25.9	0	0	-	-	0	0	0	0	600	NMGSF	27	-	-	-
Total Dissolved Solids	EPA:160.1	mg/L	165	165	100	94	162.121	322	0	0	-	-	0	0	0	0	1000	NMGSF	27	-	-	-
Total Kjeldahl Nitrogen	EPA:351.2	mg/L	81	23	28	0.011	0.25283	0.724	58	72	-	-	0	0	0	0	-	-	24	-	-	-
Total Phosphate as Phosphorus	EPA:365.4	mg/L	116	28	24	0.011	0.05203	0.221	88	76	-	-	0	0	0	0	-	-	26	-	-	-
White Rock, Geninorg, UF, Springs																						
Alkalinity-CO3	EPA:310.1	mg/L	30	14	47	0.747	1.83357	5.26	16	53	-	-	0	0	0	0	-	-	23	-	-	-
Alkalinity-CO3+HCO3	EPA:310.1	mg/L	30	30	100	52.3	82.8867	170	0	0	-	-	0	0	0	0	-	-	23	-	-	-
Alkalinity-HCO3	EPA:310.1	mg/L	4	4	100	77.4	85.75	94.2	0	0	-	-	0	0	0	0	-	-	3	-	-	-
Ammonia as Nitrogen	EPA:350.1	mg/L	26	0	0	*0.01*	*0.01*	*0.01*	26	100	-	-	0	0	0	0	0.2085714	Reg6	23	-	-	-
Bromide	EPA:300.0	mg/L	26	4	15	0.067	0.0785	0.095	22	85	-	-	0	0	0	0	-	-	23	-	-	-
Calcium	SW-846:6010B	mg/L	83	83	100	9	19.6358	42.5	0	0	-	-	0	0	0	0	-	-	24	-	-	-
Chloride	EPA:300.0	mg/L	30	30	100	1.74	4.07833	7.73	0	0	-	-	0	0	0	0	-	-	23	-	-	-
Cyanide (Total)	EPA:335.3	mg/L	46	5	11	0.00158	0.0018	0.00208	41	89	-	-	0	0	0	0	0.2	MCL	23	-	-	-
Cyanide (Total)	SW-846:9012A	mg/L	37	0	0	*0.0017*	*0.0017*	*0.0022*	37	100	-	-	0	0	0	0	0.2	MCL	23	-	-	-
Fluoride	EPA:300.0	mg/L	30	12	40	0.25	0.53158	1.16	18	60	-	-	0	0	0	0	4	MCL	23	-	-	-
Hardness	EPA:200.7	mg/L	4	4	100	74.5	86.075	98.5	0	0	-	-	0	0	0	0	-	-	3	-	-	-
Hardness	SM:A2340B	mg/L	79	79	100	34.2	60.6544	115	0	0	-	-	0	0	0	0	-	-	24	-	-	-
Magnesium	SW-846:6010B	mg/L	83	83	100	0.292	3.13902	6.45	0	0	-	-	0	0	0	0	-	-	24	-	-	-
Nitrate-Nitrite as Nitrogen	EPA:353.1	mg/L	30	26	87	0.0638	0.72992	1.92	4	13	-	-	0	0	0	0	10	MCL	23	-	-	-
Perchlorate	EPA:314.0	ug/L	87	1	1	12	12	12	86	99	-	-	0	0	0	0	24.5	Reg6	25	-	-	-
Perchlorate	SW846 6850 Modified	ug/L	40	39	98	0.131	0.39959	0.854	1	3	-	-	0	0	0	0	24.5	Reg6	22	-	-	-
pH	EPA:150.1	SU	30	30	100	7.05	7.80467	8.62	0	0	-	-	0	0	0	0	-	-	23	-	-	-
Potassium	SW-846:6010B	mg/L	83	83	100	1.27	2.25096	3.47	0	0	-	-	0	0	0	0	-	-	24	-	-	-
Silicon Dioxide	SW-846:6010B	mg/L	46	45	98	29.7	59.7333	79.2	1	2	-	-	0	0	0	0	-	-	23	-	-	-
Sodium	SW-846:6010B	mg/L	83	83	100	9.82	16.6894	65.5	0	0	-	-	0	0	0	0	-	-	24	-	-	-
Specific Conductance	EPA:120.1	uS/cm	26	26	100	121	192.231	333	0	0	-	-	0	0	0	0	-	-	23	-	-	-
Specific Conductance	SW-846:9050A	uS/cm	4	4	100	200	217.25	233	0	0	-	-	0	0	0	0	-	-	3	-	-	-

Table B-7
Screening Table for White Rock Canyon and Rio Grande Watershed

Analyte	Method	Units	No. of Analyses	No. of Detects	D Rate %	Min	Mean	Max	No. of Non-detects	ND Rate %	BV	D> BV	ND> Std	D> Std	D> Std/2	D>Std/2 Rate %	Level	Std Type	Locations with Data (number)	D>Std (number of locations)	D>Std/2 (number of locations)	D>Std Stations
Sulfate	EPA:300.0	mg/L	30	30	100	1.81	5.377	13.2	0	0	-	-	0	0	0	0	-	-	23	-	-	-
Suspended Sediment Concentration	EPA:160.2	mg/L	94	58	62	1.07	14.566	145	36	38	-	-	0	0	0	0	-	-	25	-	-	-
Total Kjeldahl Nitrogen	EPA:351.2	mg/L	61	15	25	0.033	0.1276	0.349	46	75	-	-	0	0	0	0	-	-	24	-	-	-
Total Organic Carbon	SW-846:9060	mg/L	62	44	71	0.217	0.81482	2.29	18	29	-	-	0	0	0	0	-	-	24	-	-	-
Total Phosphate as Phosphorus	EPA:365.4	mg/L	12	4	33	0.026	0.059	0.091	8	67	-	-	0	0	0	0	-	-	10	-	-	-
Total Suspended Solids	EPA:160.2	mg/L	44	38	86	1.59	66.4761	1190	6	14	-	-	0	0	0	0	-	-	23	-	-	-
White Rock, Metals, F, Springs																						
Aluminum	SW-846:6010B	ug/L	99	6	6	16.4	56.3333	186	93	94	-	-	0	0	0	0	5000	NMGSF	25	-	-	-
Antimony	SW-846:6020	ug/L	113	0	0	*0.28*	*0.4367*	*0.73*	113	100	-	-	0	0	0	0	6	MCL	26	-	-	-
Arsenic	SW-846:6010B	ug/L	75	11	15	2.6	7.40364	27.8	64	85	-	-	0	2	2	3	10	MCL	26	1	1	Spring 2
Arsenic	SW-846:6020	ug/L	38	22	58	1.6	4.45455	10.3	16	42	-	-	0	1	6	16	10	MCL	23	1	5	Spring 2
Barium	SW-846:6010B	ug/L	113	113	100	9	36.4725	117	0	0	-	-	0	0	0	0	1000	NMGSF	26	-	-	-
Beryllium	SW-846:6010B	ug/L	109	0	0	*0.158*	*0.7683*	*1*	109	100	-	-	0	0	0	0	4	MCL	26	-	-	-
Boron	SW-846:6010B	ug/L	113	82	73	6.06	23.4641	72.5	31	27	-	-	0	0	0	0	750	NMGSF	26	-	-	-
Cadmium	SW-846:6020	ug/L	113	2	2	0.051	0.0675	0.084	111	98	-	-	0	0	0	0	5	MCL	26	-	-	-
Chromium	SW-846:6010B	ug/L	50	29	58	1.1	3.40448	4.9	21	42	-	-	0	0	0	0	50	NMGSF	21	-	-	-
Chromium	SW-846:6020	ug/L	63	24	38	1	2.93333	5.3	39	62	-	-	0	0	0	0	50	NMGSF	24	-	-	-
Cobalt	SW-846:6010B	ug/L	113	4	4	1.1	3.045	5.3	109	96	-	-	0	0	0	0	50	NMGSF	26	-	-	-
Copper	SW-846:6010B	ug/L	61	5	8	1.9	3.34	4.4	56	92	-	-	0	0	0	0	1000	NMGSF	24	-	-	-
Iron	SW-846:6010B	ug/L	113	32	28	13.3	42.075	138	81	72	-	-	0	0	0	0	1000	NMGSF	26	-	-	-
Lead	SW-846:6020	ug/L	113	6	5	0.058	0.23733	0.82	107	95	-	-	0	0	0	0	15	MCL	26	-	-	-
Manganese	SW-846:6010B	ug/L	113	31	27	0.37	24.689	191	82	73	-	-	0	0	2	2	200	NMGSF	26	-	1	-
Mercury	EPA:245.2	ug/L	78	0	0	*0.03*	*0.0509*	*0.14*	78	100	-	-	0	0	0	0	2	MCL	24	-	-	-
Mercury	SW-846:7470A	ug/L	1	0	0	*0.05*	*0.05*	*0.05*	1	100	-	-	0	0	0	0	2	MCL	1	-	-	-
Molybdenum	SW-846:6010B	ug/L	113	30	27	1.48	2.27333	3.6	83	73	-	-	0	0	0	0	1000	NMGSF	26	-	-	-
Nickel	SW-846:6010B	ug/L	34	0	0	*0.69*	*1.0442*	*2.5*	34	100	-	-	0	0	0	0	100	MCL	21	-	-	-
Nickel	SW-846:6020	ug/L	79	36	46	0.5	0.82028	1.7	43	54	-	-	0	0	0	0	100	MCL	24	-	-	-
Selenium	SW-846:6010B	ug/L	6	0	0	*2.81*	*2.81*	*2.81*	6	100	-	-	0	0	0	0	50	NMGSF	6	-	-	-
Selenium	SW-846:6020	ug/L	79	0	0	*1*	*2.0063*	*2.5*	79	100	-	-	0	0	0	0	50	NMGSF	24	-	-	-
Silver	SW-846:6010B	ug/L	34	0	0	*0.835*	*0.835*	*0.835*	34	100	-	-	0	0	0	0	50	NMGSF	21	-	-	-
Silver	SW-846:6020	ug/L	79	1	1	0.28	0.28	0.28	78	99	-	-	0	0	0	0	50	NMGSF	24	-	-	-
Strontium	SW-846:6010B	ug/L	113	113	100	42.9	162.965	828	0	0	-	-	0	0	0	0	21900	Reg6	26	-	-	-
Thallium	SW-846:6020	ug/L	113	12	11	0.246	0.46333	0.71	101	89	-	-	0	0	0	0	2	MCL	26	-	-	-
Tin	SW-846:6010B	ug/L	113	0	0	*2.5*	*2.9663*	*15*	113	100	-	-	0	0	0	0	21900	Reg6	26	-	-	-
Uranium	SW-846:6010B	ug/L	1	0	0	*15.6*	*15.6*	*15.6*	1	100	-	-	0	0	0	0	30	NMGSF	1	-	-	-
Uranium	SW-846:6020	ug/L	133	132	99	0.058	2.8904	19.5	1	1	-	-	0	0	11	8	30	NMGSF	27	-	1	-
Vanadium	SW-846:6010B	ug/L	113	110	97	3.1	9.454	20.7	3	3	-	-	0	0	0	0	182.5	Reg6	26	-	-	-
Zinc	SW-846:6010B	ug/L	112	22	20	2.1	5.64091	18.4	90	80	-	-	0	0	0	0	10000	NMGSF	26	-	-	-
White Rock, Metals, UF, Springs																						
Aluminum	SW-846:6010B	ug/L	79	32	41	71.3	763.359	8810	47	59	-	-	0	0	0	0	36500	Reg6	24	-	-	-
Antimony	SW-846:6020	ug/L	79	0	0	*0.5*	*0.5008*	*0.56*	79	100	-	-	0	0	0	0	6	MCL	24	-	-	-
Arsenic	SW-846:6010B	ug/L	41	2	5	10	18.3	26.6	39	95	-	-	0	1	2	5	10	MCL	23	1	1	Spring 2
Arsenic	SW-846:6020	ug/L	38	22	58	2.7	4.65909	11.6	16	42	-	-	0	2	5	13	10	MCL	23	1	2	Spring 2
Barium	SW-846:6010B	ug/L	79	79	100	9	40.8177	134	0	0	-	-	0	0	0	0	2000	MCL	24	-	-	-
Beryllium	SW-846:6010B	ug/L	79	0	0	*1*	*1*	*1*	79	100	-	-	0	0	0	0	4	MCL	24	-	-	-
Boron	SW-846:6010B	ug/L	79	66	84	10.5	23.3167	72.7	13	16	-	-	0	0	0	0	7300	Reg6	24	-	-	-
Cadmium	SW-846:6020	ug/L	79	0	0	*0.1*	*0.1033*	*0.11*	79	100	-	-	0	0	0	0	5	MCL	24	-	-	-
Chromium	SW-846:6010B	ug/L	16	16	100	2	4.11875	7.7	0	0	-	-	0	0	0	0	100	MCL	16	-	-	-
Chromium	SW-846:6020	ug/L	63	25	40	1.2	3.104	4.9	38	60	-	-	0	0	0	0	100	MCL	24	-	-	-
Cobalt	SW-846:6010B	ug/L	79	2	3	1.3	1.4	1.5	77	97	-	-	0	0	0	0	730	Reg6	24	-	-	-
Copper	SW-846:6010B	ug/L	30	6	20	3.1	13.9	51.1	24	80	-	-	0	0	0	0	1300	MCL	14	-	-	-
Iron	SW-846:6010B	ug/L	79	57	72	21.9	362.046	5810	22	28	-	-	0	0	0	0	25550	Reg6	24	-	-	-

Table B-7
Screening Table for White Rock Canyon and Rio Grande Watershed

Analyte	Method	Units	No. of Analyses	No. of Detects	D Rate %	Min	Mean	Max	No. of Non-detects	ND Rate %	BV	D> BV	ND> Std	D> Std	D> Std/2	D>Std/2 Rate %	Level	Std Type	Locations with Data (number)	D>Std (number of locations)	D>Std/2 (number of locations)	D>Std Stations
Lead	SW-846:6020	ug/L	79	5	6	0.55	0.91	2	74	94	-	-	0	0	0	0	15	Reg6	24	-	-	-
Manganese	SW-846:6010B	ug/L	79	36	46	2.7	35.6861	327	43	54	-	-	0	0	0	0	1703.09	Reg6	24	-	-	-
Mercury	EPA:245.1	ug/L	32	0	0	*0.0472*	*0.0498*	*0.091*	32	100	-	-	0	0	0	0	2	NMGSU	20	-	-	-
Mercury	EPA:245.2	ug/L	79	1	1	0.87	0.87	0.87	78	99	-	-	0	0	0	0	2	NMGSU	24	-	-	-
Mercury	SW-846:7470A	ug/L	2	0	0	*0.0472*	*0.0472*	*0.0472*	2	100	-	-	0	0	0	0	2	NMGSU	2	-	-	-
Molybdenum	SW-846:6010B	ug/L	79	8	10	2.1	2.625	4.1	71	90	-	-	0	0	0	0	182.5	Reg6	24	-	-	-
Nickel	SW-846:6020	ug/L	79	42	53	0.53	1.025	3.6	37	47	-	-	0	0	0	0	100	MCL	24	-	-	-
Selenium	SW-846:6010B	ug/L	34	3	9	2.87	4.32333	6.2	31	91	-	-	0	0	0	0	50	MCL	21	-	-	-
Selenium	SW-846:6020	ug/L	79	1	1	2.7	2.7	2.7	78	99	-	-	0	0	0	0	50	MCL	24	-	-	-
Silver	SW-846:6020	ug/L	79	1	1	0.82	0.82	0.82	78	99	-	-	0	0	0	0	182.5	Reg6	24	-	-	-
Strontium	SW-846:6010B	ug/L	79	79	100	42.9	171.537	850	0	0	-	-	0	0	0	0	21900	Reg6	24	-	-	-
Thallium	SW-846:6020	ug/L	79	0	0	*0.3*	*0.3704*	*0.55*	79	100	-	-	0	0	0	0	2	MCL	24	-	-	-
Tin	SW-846:6010B	ug/L	79	0	0	*2.5*	*2.6468*	*12.5*	79	100	-	-	0	0	0	0	21900	Reg6	24	-	-	-
Uranium	SW-846:6020	ug/L	79	79	100	0.1	1.51709	12.2	0	0	-	-	0	0	0	0	30	MCL	24	-	-	-
Vanadium	SW-846:6010B	ug/L	79	74	94	3.7	10.3189	33.2	5	6	-	-	0	0	0	0	182.5	Reg6	24	-	-	-
Zinc	SW-846:6010B	ug/L	79	13	16	2.1	5.46923	20.7	66	84	-	-	0	0	0	0	10950	Reg6	24	-	-	-
White Rock, Dioxin/Furans, UF, Springs																						
Heptachlorodibenzodioxin[1,2,3,4,6,7,8-]	SW-846:8290	ug/L	10	0	0	*1E-06*	*3E-06*	*5E-06*	10	100	-	-	0	0	0	0	-	-	5	-	-	-
Heptachlorodibenzodioxins (Total)	SW-846:8290	ug/L	10	5	50	1.8E-06	3.6E-06	8.1E-06	5	50	-	-	0	0	0	0	-	-	5	-	-	-
Heptachlorodibenzofuran[1,2,3,4,6,7,8-]	SW-846:8290	ug/L	8	0	0	*8E-07*	*2E-06*	*5E-06*	8	100	-	-	0	0	0	0	-	-	5	-	-	-
Heptachlorodibenzofuran[1,2,3,4,7,8,9-]	SW-846:8290	ug/L	10	0	0	*1E-06*	*2E-06*	*3E-06*	10	100	-	-	0	0	0	0	-	-	5	-	-	-
Heptachlorodibenzofurans (Total)	SW-846:8290	ug/L	10	3	30	5.3E-07	7.3E-07	8.7E-07	7	70	-	-	0	0	0	0	-	-	5	-	-	-
Hexachlorodibenzodioxin[1,2,3,4,7,8-]	SW-846:8290	ug/L	10	0	0	*2E-06*	*2E-06*	*3E-06*	10	100	-	-	0	0	0	0	-	-	5	-	-	-
Hexachlorodibenzodioxin[1,2,3,6,7,8-]	SW-846:8290	ug/L	10	0	0	*2E-06*	*2E-06*	*3E-06*	10	100	-	-	0	0	0	0	-	-	5	-	-	-
Hexachlorodibenzodioxin[1,2,3,7,8,9-]	SW-846:8290	ug/L	10	0	0	*2E-06*	*2E-06*	*3E-06*	10	100	-	-	0	0	0	0	0.000108438	Reg6	5	-	-	-
Hexachlorodibenzodioxins (Total)	SW-846:8290	ug/L	10	0	0	*2E-06*	*2E-06*	*3E-06*	10	100	-	-	0	0	0	0	-	-	5	-	-	-
Hexachlorodibenzofuran[1,2,3,4,7,8-]	SW-846:8290	ug/L	10	0	0	*5E-07*	*2E-06*	*5E-06*	10	100	-	-	0	0	0	0	-	-	5	-	-	-
Hexachlorodibenzofuran[1,2,3,6,7,8-]	SW-846:8290	ug/L	9	0	0	*4E-07*	*2E-06*	*3E-06*	9	100	-	-	0	0	0	0	-	-	5	-	-	-
Hexachlorodibenzofuran[1,2,3,7,8,9-]	SW-846:8290	ug/L	9	0	0	*9E-07*	*2E-06*	*3E-06*	9	100	-	-	0	0	0	0	-	-	5	-	-	-
Hexachlorodibenzofuran[2,3,4,6,7,8-]	SW-846:8290	ug/L	9	0	0	*6E-07*	*2E-06*	*3E-06*	9	100	-	-	0	0	0	0	-	-	5	-	-	-
Hexachlorodibenzofurans (Total)	SW-846:8290	ug/L	10	1	10	9.8E-07	9.8E-07	9.8E-07	9	90	-	-	0	0	0	0	-	-	5	-	-	-
Octachlorodibenzodioxin[1,2,3,4,6,7,8,9-]	SW-846:8290	ug/L	10	1	10	1.6E-05	1.6E-05	1.6E-05	9	90	-	-	0	0	0	0	-	-	5	-	-	-
Octachlorodibenzofuran[1,2,3,4,6,7,8,9-]	SW-846:8290	ug/L	10	0	0	*3E-06*	*5E-06*	*1E-05*	10	100	-	-	0	0	0	0	-	-	5	-	-	-
Pentachlorodibenzodioxin[1,2,3,7,8-]	SW-846:8290	ug/L	10	0	0	*8E-07*	*2E-06*	*3E-06*	10	100	-	-	0	0	0	0	-	-	5	-	-	-
Pentachlorodibenzodioxins (Total)	SW-846:8290	ug/L	10	1	10	7.5E-07	7.5E-07	7.5E-07	9	90	-	-	0	0	0	0	-	-	5	-	-	-
Pentachlorodibenzofuran[1,2,3,7,8-]	SW-846:8290	ug/L	9	0	0	*9E-07*	*2E-06*	*4E-06*	9	100	-	-	0	0	0	0	-	-	5	-	-	-
Pentachlorodibenzofuran[2,3,4,7,8-]	SW-846:8290	ug/L	8	1	13	3.1E-06	3.1E-06	3.1E-06	7	88	-	-	0	0	0	0	-	-	5	-	-	-
Pentachlorodibenzofurans (Totals)	SW-846:8290	ug/L	10	4	40	8.8E-07	2.2E-06	5.4E-06	6	60	-	-	0	0	0	0	-	-	5	-	-	-
Tetrachlorodibenzodioxin[2,3,7,8-]	SW-846:8290	ug/L	10	0	0	*1E-06*	*1E-06*	*2E-06*	10	100	-	-	0	0	0	0	0.00003	MCL	5	-	-	-
Tetrachlorodibenzodioxins (Total)	SW-846:8290	ug/L	10	0	0	*1E-06*	*1E-06*	*2E-06*	10	100	-	-	0	0	0	0	-	-	5	-	-	-
Tetrachlorodibenzofuran[2,3,7,8-]	SW-846:8290	ug/L	10	1	10	5.9E-06	5.9E-06	5.9E-06	9	90	-	-	0	0	0	0	-	-	5	-	-	-
Tetrachlorodibenzofurans (Totals)	SW-846:8290	ug/L	10	2	20	1.4E-06	6E-06	1.1E-05	8	80	-	-	0	0	0	0	-	-	5	-	-	-
White Rock, High Explosives, UF, Springs																						
2,4-Diamino-6-nitrotoluene	SW-846:8321A_MOD	ug/L	68	0	0	*1.3*	*1.3*	*1.3*	68	100	-	-	0	0	0	0	-	-	24	-	-	-
2,6-Diamino-4-nitrotoluene	SW-846:8321A_MOD	ug/L	68	0	0	*1.3*	*1.3*	*1.3*	68	100	-	-	0	0	0	0	-	-	24	-	-	-
3,5-Dinitroaniline	SW-846:8321A_MOD	ug/L	68	0	0	*1.3*	*1.3*	*1.3*	68	100	-	-	0	0	0	0	-	-	24	-	-	-
Amino-2,6-dinitrotoluene[4-]	SW-846:8321A_MOD	ug/L	68	0	0	*0.325*	*0.325*	*0.325*	68	100	-	-	0	0	0	0	-	-	24	-	-	-
Amino-2,6-dinitrotoluene[4-]	SW-846:8330	ug/L	24	3	13	0.21	0.22667	0.24	21	88	-	-	0	0	0	0	-	-	13	-	-	-
Amino-4,6-dinitrotoluene[2-]	SW-846:8321A_MOD	ug/L	68	0	0	*0.325*	*0.325*	*0.325*	68	100	-	-	0	0	0	0	-	-	24	-	-	-
Amino-4,6-dinitrotoluene[2-]	SW-846:8330	ug/L	24	0	0	*0.1*	*0.5092*	*1*	24	100	-	-	0	0	0	0	-	-	13	-	-	-
Dinitrobenzene[1,3-]	SW-846:8321A_MOD	ug/L	68	0	0	*0.325*	*0.325*	*0.325*	68	100	-	-	0	0	0	0	3.65	Reg6	24	-	-	-
Dinitrobenzene[1,3-]	SW-846:8330	ug/L	24	0	0	*0.1*	*0.5092*	*1*	24	100	-	-	0	0	0	0	3.65	Reg6	13	-	-	-

Table B-7
Screening Table for White Rock Canyon and Rio Grande Watershed

Analyte	Method	Units	No. of Analyses	No. of Detects	D Rate %	Min	Mean	Max	No. of Non-detects	ND Rate %	BV	D> BV	ND> Std	D> Std	D> Std/2	D>Std/2 Rate %	Level	Std Type	Locations with Data (number)	D>Std (number of locations)	D>Std/2 (number of locations)	D>Std Stations
Dinitrotoluene[2,4-]	SW-846:8321A_MOD	ug/L	68	0	0	*0.325*	*0.325*	*0.325*	68	100	-	-	0	0	0	0	-	-	24	-	-	-
Dinitrotoluene[2,4-]	SW-846:8330	ug/L	24	0	0	*0.1*	*0.5092*	*1*	24	100	-	-	0	0	0	0	-	-	13	-	-	-
Dinitrotoluene[2,6-]	SW-846:8321A_MOD	ug/L	68	0	0	*0.325*	*0.325*	*0.325*	68	100	-	-	0	0	0	0	-	-	24	-	-	-
Dinitrotoluene[2,6-]	SW-846:8330	ug/L	24	0	0	*0.1*	*0.33*	*1*	24	100	-	-	0	0	0	0	-	-	13	-	-	-
DNX	SW-846:8330	ug/L	62	0	0	*0.069*	*0.3193*	*0.5*	62	100	-	-	0	0	0	0	-	-	24	-	-	-
HMX	SW-846:8321A_MOD	ug/L	68	0	0	*0.325*	*0.325*	*0.325*	68	100	-	-	0	0	0	0	1825	Reg6	24	-	-	-
HMX	SW-846:8330	ug/L	24	0	0	*0.1*	*0.305*	*1*	24	100	-	-	0	0	0	0	1825	Reg6	13	-	-	-
MNX	SW-846:8330	ug/L	62	0	0	*0.091*	*0.3285*	*0.5*	62	100	-	-	0	0	0	0	-	-	24	-	-	-
Nitrobenzene	SW-846:8321A_MOD	ug/L	68	0	0	*0.325*	*0.325*	*0.325*	68	100	-	-	0	0	0	0	-	-	24	-	-	-
Nitrobenzene	SW-846:8330	ug/L	24	0	0	*0.1*	*0.305*	*1*	24	100	-	-	0	0	0	0	-	-	13	-	-	-
Nitrotoluene[2-]	SW-846:8321A_MOD	ug/L	68	0	0	*0.325*	*0.325*	*0.325*	68	100	-	-	0	0	0	0	2.92311	Reg6	24	-	-	-
Nitrotoluene[2-]	SW-846:8330	ug/L	24	0	0	*0.1*	*0.305*	*1*	24	100	-	-	0	0	0	0	2.92311	Reg6	13	-	-	-
Nitrotoluene[3-]	SW-846:8321A_MOD	ug/L	68	0	0	*0.325*	*0.325*	*0.325*	68	100	-	-	0	0	0	0	121.6667	Reg6	24	-	-	-
Nitrotoluene[3-]	SW-846:8330	ug/L	24	0	0	*0.1*	*0.5092*	*1*	24	100	-	-	0	0	0	0	121.6667	Reg6	13	-	-	-
Nitrotoluene[4-]	SW-846:8321A_MOD	ug/L	68	0	0	*0.649*	*0.649*	*0.649*	68	100	-	-	0	0	0	0	39.54796	Reg6	24	-	-	-
Nitrotoluene[4-]	SW-846:8330	ug/L	24	0	0	*0.1*	*0.5092*	*1*	24	100	-	-	0	0	0	0	39.54796	Reg6	13	-	-	-
PETN	SW-846:8321A_MOD	ug/L	68	0	0	*1.3*	*1.3*	*1.3*	68	100	-	-	0	0	0	0	-	-	24	-	-	-
RDX	SW-846:8321A_MOD	ug/L	68	0	0	*0.325*	*0.325*	*0.325*	68	100	-	-	0	0	0	0	6.111958	Reg6	24	-	-	-
RDX	SW-846:8330	ug/L	24	0	0	*0.1*	*0.305*	*1*	24	100	-	-	0	0	0	0	6.111958	Reg6	13	-	-	-
TATB	SW-846:8321A_MOD	ug/L	68	0	0	*1.3*	*1.3*	*1.3*	68	100	-	-	0	0	0	0	-	-	24	-	-	-
Tetryl	SW-846:8321A_MOD	ug/L	62	0	0	*0.649*	*0.649*	*0.649*	62	100	-	-	0	0	0	0	146	Reg6	24	-	-	-
Tetryl	SW-846:8330	ug/L	24	1	4	0.055	0.055	0.055	23	96	-	-	0	0	0	0	146	Reg6	13	-	-	-
TNX	SW-846:8330	ug/L	62	0	0	*0.082*	*0.3247*	*0.5*	62	100	-	-	0	0	0	0	-	-	24	-	-	-
Trinitrobenzene[1,3,5-]	SW-846:8321A_MOD	ug/L	68	0	0	*0.325*	*0.325*	*0.325*	68	100	-	-	0	0	0	0	1095	Reg6	24	-	-	-
Trinitrobenzene[1,3,5-]	SW-846:8330	ug/L	24	0	0	*0.1*	*0.5092*	*1*	24	100	-	-	0	0	0	0	1095	Reg6	13	-	-	-
Trinitrotoluene[2,4,6-]	SW-846:8321A_MOD	ug/L	68	1	1	0.0937	0.0937	0.0937	67	99	-	-	0	0	0	0	22.41051	Reg6	24	-	-	-
Trinitrotoluene[2,4,6-]	SW-846:8330	ug/L	24	0	0	*0.1*	*0.305*	*1*	24	100	-	-	0	0	0	0	22.41051	Reg6	13	-	-	-
Tris (o-cresyl) phosphate	SW-846:8321A_MOD	ug/L	68	0	0	*1.3*	*1.3*	*1.3*	68	100	-	-	0	0	0	0	-	-	24	-	-	-
White Rock, Pesticides/PCBs, UF, Springs																						
Aldrin	SW-846:8081A	ug/L	69	0	0	*0.0196*	*0.021*	*0.0233*	69	100	-	-	0	0	0	0	0.03954796	Reg6	25	-	-	-
Aroclor-1016	EPA:608	ug/L	2	0	0	*0.098*	*0.104*	*0.11*	2	100	-	-	0	0	0	0	0.5	MCL	2	-	-	-
Aroclor-1016	SW-846:8082	ug/L	83	0	0	*0.094*	*0.1038*	*0.116*	83	100	-	-	0	0	0	0	0.5	MCL	26	-	-	-
Aroclor-1221	EPA:608	ug/L	2	0	0	*0.098*	*0.104*	*0.11*	2	100	-	-	0	0	0	0	0.5	MCL	2	-	-	-
Aroclor-1221	SW-846:8082	ug/L	83	0	0	*0.094*	*0.1038*	*0.116*	83	100	-	-	0	0	0	0	0.5	MCL	26	-	-	-
Aroclor-1232	EPA:608	ug/L	2	0	0	*0.098*	*0.104*	*0.11*	2	100	-	-	0	0	0	0	0.5	MCL	2	-	-	-
Aroclor-1232	SW-846:8082	ug/L	83	0	0	*0.094*	*0.1038*	*0.116*	83	100	-	-	0	0	0	0	0.5	MCL	26	-	-	-
Aroclor-1242	EPA:608	ug/L	2	0	0	*0.098*	*0.104*	*0.11*	2	100	-	-	0	0	0	0	0.5	MCL	2	-	-	-
Aroclor-1242	SW-846:8082	ug/L	83	0	0	*0.094*	*0.1038*	*0.116*	83	100	-	-	0	0	0	0	0.5	MCL	26	-	-	-
Aroclor-1248	EPA:608	ug/L	2	0	0	*0.098*	*0.104*	*0.11*	2	100	-	-	0	0	0	0	0.5	MCL	2	-	-	-
Aroclor-1248	SW-846:8082	ug/L	83	0	0	*0.094*	*0.1038*	*0.116*	83	100	-	-	0	0	0	0	0.5	MCL	26	-	-	-
Aroclor-1254	EPA:608	ug/L	2	0	0	*0.098*	*0.104*	*0.11*	2	100	-	-	0	0	0	0	0.5	MCL	2	-	-	-
Aroclor-1254	SW-846:8082	ug/L	83	1	1	0.071	0.071	0.071	82	99	-	-	0	0	0	0	0.5	MCL	26	-	-	-
Aroclor-1260	EPA:608	ug/L	2	0	0	*0.098*	*0.104*	*0.11*	2	100	-	-	0	0	0	0	0.5	MCL	2	-	-	-
Aroclor-1260	SW-846:8082	ug/L	83	0	0	*0.094*	*0.1038*	*0.116*	83	100	-	-	0	0	0	0	0.5	MCL	26	-	-	-
Aroclor-1262	EPA:608	ug/L	2	0	0	*0.098*	*0.104*	*0.11*	2	100	-	-	0	0	0	0	0.5	MCL	2	-	-	-
Aroclor-1262	SW-846:8082	ug/L	83	1	1	0.17	0.17	0.17	82	99	-	-	0	0	0	0	0.5	MCL	26	-	-	-
BHC[alpha-]	SW-846:8081A	ug/L	69	0	0	*0.0196*	*0.021*	*0.0233*	69	100	-	-	0	0	0	0	0.1067167	Reg6	25	-	-	-
BHC[beta-]	SW-846:8081A	ug/L	69	0	0	*0.0196*	*0.021*	*0.0233*	69	100	-	-	0	0	0	0	0.3735085	Reg6	25	-	-	-
BHC[delta-]	SW-846:8081A	ug/L	69	0	0	*0.0196*	*0.021*	*0.0233*	69	100	-	-	0	0	0	0	-	-	25	-	-	-
BHC[gamma-]	SW-846:8081A	ug/L	69	0	0	*0.0196*	*0.021*	*0.0233*	69	100	-	-	0	0	0	0	0.2	MCL	25	-	-	-
Chlordane[alpha-]	SW-846:8081A	ug/L	69	0	0	*0.0196*	*0.021*	*0.0233*	69	100	-	-	0	0	0	0	-	-	25	-	-	-
Chlordane[gamma-]	SW-846:8081A	ug/L	69	0	0	*0.0196*	*0.021*	*0.0233*	69	100	-	-	0	0	0	0	-	-	25	-	-	-

Table B-7
Screening Table for White Rock Canyon and Rio Grande Watershed

Analyte	Method	Units	No. of Analyses	No. of Detects	D Rate %	Min	Mean	Max	No. of Non-detects	ND Rate %	BV	D> BV	ND> Std	D> Std	D> Std/2	D>Std/2 Rate %	Level	Std Type	Locations with Data (number)	D>Std (number of locations)	D>Std/2 (number of locations)	D>Std Stations
DDD[4,4'-]	SW-846:8081A	ug/L	69	0	0	0.0392	0.042	0.0465	69	100	-	-	0	0	0	0	2.801314	Reg6	25	-	-	-
DDE[4,4'-]	SW-846:8081A	ug/L	69	0	0	0.0392	0.042	0.0465	69	100	-	-	0	0	0	0	1.977398	Reg6	25	-	-	-
DDT[4,4'-]	SW-846:8081A	ug/L	69	0	0	0.0392	0.042	0.0465	69	100	-	-	0	0	0	0	1.977398	Reg6	25	-	-	-
Dieldrin	SW-846:8081A	ug/L	69	0	0	0.0392	0.042	0.0465	69	100	-	-	31	0	0	0	0.04201971	Reg6	25	-	-	-
Endosulfan I	SW-846:8081A	ug/L	69	0	0	0.0196	0.021	0.0233	69	100	-	-	0	0	0	0	-	-	25	-	-	-
Endosulfan II	SW-846:8081A	ug/L	69	0	0	0.0392	0.042	0.0465	69	100	-	-	0	0	0	0	-	-	25	-	-	-
Endosulfan Sulfate	SW-846:8081A	ug/L	69	0	0	0.0392	0.042	0.0465	69	100	-	-	0	0	0	0	-	-	25	-	-	-
Endrin	SW-846:8081A	ug/L	69	0	0	0.0392	0.042	0.0465	69	100	-	-	0	0	0	0	2	MCL	25	-	-	-
Endrin Aldehyde	SW-846:8081A	ug/L	69	0	0	0.0392	0.042	0.0465	69	100	-	-	0	0	0	0	-	-	25	-	-	-
Endrin Ketone	SW-846:8081A	ug/L	69	0	0	0.0392	0.042	0.0465	69	100	-	-	0	0	0	0	-	-	25	-	-	-
Heptachlor	SW-846:8081A	ug/L	69	0	0	0.0196	0.021	0.0233	69	100	-	-	0	0	0	0	0.4	MCL	25	-	-	-
Heptachlor Epoxide	SW-846:8081A	ug/L	69	0	0	0.0196	0.021	0.0233	69	100	-	-	0	0	0	0	0.2	MCL	25	-	-	-
Methoxychlor[4,4'-]	SW-846:8081A	ug/L	69	0	0	0.196	0.2098	0.233	69	100	-	-	0	0	0	0	40	MCL	25	-	-	-
Toxaphene (Technical Grade)	SW-846:8081A	ug/L	69	0	0	0.49	0.6063	1.1	69	100	-	-	0	0	0	0	3	MCL	25	-	-	-
White Rock, SVOA, UF, Springs																						
Acenaphthene	SW-846:8270	ug/L	24	0	0	0.96	1.0108	1.2	24	100	-	-	0	0	0	0	365	Reg6	19	-	-	-
Acenaphthene	SW-846:8270C	ug/L	73	0	0	0.98	1.0837	2	73	100	-	-	0	0	0	0	365	Reg6	24	-	-	-
Acenaphthylene	SW-846:8270	ug/L	24	0	0	0.96	1.0108	1.2	24	100	-	-	0	0	0	0	-	-	19	-	-	-
Acenaphthylene	SW-846:8270C	ug/L	73	0	0	0.98	1.0837	2	73	100	-	-	0	0	0	0	-	-	24	-	-	-
Aniline	SW-846:8270	ug/L	16	0	0	9.6	10.213	11.6	16	100	-	-	0	0	0	0	117.9501	Reg6	12	-	-	-
Aniline	SW-846:8270C	ug/L	74	0	0	9.8	10.849	20	74	100	-	-	0	0	0	0	117.9501	Reg6	24	-	-	-
Anthracene	SW-846:8270	ug/L	24	0	0	0.96	1.0108	1.2	24	100	-	-	0	0	0	0	1825	Reg6	19	-	-	-
Anthracene	SW-846:8270C	ug/L	73	0	0	0.98	1.0837	2	73	100	-	-	0	0	0	0	1825	Reg6	24	-	-	-
Atrazine	SW-846:8270C	ug/L	71	0	0	9.8	10.872	20	71	100	-	-	71	0	0	0	3	MCL	24	-	-	-
Azobenzene	SW-846:8270	ug/L	21	0	0	10	10.171	11.6	21	100	-	-	21	0	0	0	6.111958	Reg6	19	-	-	-
Azobenzene	SW-846:8270C	ug/L	74	0	0	9.8	10.849	20	74	100	-	-	74	0	0	0	6.111958	Reg6	24	-	-	-
Benzidine	SW-846:8270	ug/L	13	0	0	48.1	51.077	58.1	13	100	-	-	13	0	0	0	0.000936258	Reg6	10	-	-	-
Benzidine	SW-846:8270C	ug/L	64	0	0	10	31.77	100	64	100	-	-	64	0	0	0	0.000936258	Reg6	24	-	-	-
Benzo(a)anthracene	SW-846:8270	ug/L	24	0	0	0.96	1.0108	1.2	24	100	-	-	24	0	0	0	0.2949853	Reg6	19	-	-	-
Benzo(a)anthracene	SW-846:8270C	ug/L	73	0	0	0.98	1.0837	2	73	100	-	-	73	0	0	0	0.2949853	Reg6	24	-	-	-
Benzo(a)pyrene	SW-846:8270	ug/L	24	0	0	0.96	1.0108	1.2	24	100	-	-	24	0	0	0	0.2	MCL	19	-	-	-
Benzo(a)pyrene	SW-846:8270C	ug/L	74	0	0	0.98	1.0826	2	74	100	-	-	74	0	0	0	0.2	MCL	24	-	-	-
Benzo(b)fluoranthene	SW-846:8270	ug/L	24	1	4	7.2	7.2	7.2	23	96	-	-	23	1	1	4	0.2949853	Reg6	19	1	1	Spring 4
Benzo(b)fluoranthene	SW-846:8270C	ug/L	74	0	0	0.98	1.0826	2	74	100	-	-	74	0	0	0	0.2949853	Reg6	24	-	-	-
Benzo(g,h,i)perylene	SW-846:8270	ug/L	24	0	0	0.96	1.0108	1.2	24	100	-	-	0	0	0	0	-	-	19	-	-	-
Benzo(g,h,i)perylene	SW-846:8270C	ug/L	74	0	0	0.98	1.0826	2	74	100	-	-	0	0	0	0	-	-	24	-	-	-
Benzo(k)fluoranthene	SW-846:8270	ug/L	24	1	4	0.5	0.5	0.5	23	96	-	-	0	0	0	0	2.949853	Reg6	19	-	-	-
Benzo(k)fluoranthene	SW-846:8270C	ug/L	74	0	0	0.98	1.0826	2	74	100	-	-	0	0	0	0	2.949853	Reg6	24	-	-	-
Benzoic Acid	SW-846:8270	ug/L	23	1	4	22.5	22.5	22.5	22	96	-	-	0	0	0	0	146000	Reg6	19	-	-	-
Benzoic Acid	SW-846:8270C	ug/L	73	0	0	19.6	21.732	40	73	100	-	-	0	0	0	0	146000	Reg6	24	-	-	-
Benzyl Alcohol	SW-846:8270	ug/L	24	0	0	9.6	10.158	11.6	24	100	-	-	0	0	0	0	10950	Reg6	19	-	-	-
Benzyl Alcohol	SW-846:8270C	ug/L	74	0	0	9.8	10.849	20	74	100	-	-	0	0	0	0	10950	Reg6	24	-	-	-
Bis(2-chloroethoxy)methane	SW-846:8270	ug/L	24	0	0	9.6	10.158	11.6	24	100	-	-	0	0	0	0	-	-	19	-	-	-
Bis(2-chloroethoxy)methane	SW-846:8270C	ug/L	71	0	0	9.8	10.856	20	71	100	-	-	0	0	0	0	-	-	24	-	-	-
Bis(2-chloroethyl)ether	SW-846:8270	ug/L	24	0	0	9.6	10.158	11.6	24	100	-	-	24	0	0	0	0.602164	Reg6	19	-	-	-
Bis(2-chloroethyl)ether	SW-846:8270C	ug/L	74	0	0	9.8	10.849	20	74	100	-	-	74	0	0	0	0.602164	Reg6	24	-	-	-
Bis(2-ethylhexyl)phthalate	SW-846:8270	ug/L	24	1	4	9.3	9.3	9.3	23	96	-	-	22	1	1	4	6	MCL	19	1	1	Spring 4
Bis(2-ethylhexyl)phthalate	SW-846:8270C	ug/L	74	0	0	9.8	10.849	20	74	100	-	-	74	0	0	0	6	MCL	24	-	-	-
Bromophenyl-phenylether[4-]	SW-846:8270	ug/L	24	0	0	9.6	10.158	11.6	24	100	-	-	0	0	0	0	-	-	19	-	-	-
Bromophenyl-phenylether[4-]	SW-846:8270C	ug/L	74	0	0	9.8	10.849	20	74	100	-	-	0	0	0	0	-	-	24	-	-	-
Butylbenzylphthalate	SW-846:8270	ug/L	24	0	0	9.6	10.158	11.6	24	100	-	-	0	0	0	0	7300	Reg6	19	-	-	-
Butylbenzylphthalate	SW-846:8270C	ug/L	74	0	0	9.8	10.849	20	74	100	-	-	0	0	0	0	7300	Reg6	24	-	-	-

Table B-7
Screening Table for White Rock Canyon and Rio Grande Watershed

Analyte	Method	Units	No. of Analyses	No. of Detects	D Rate %	Min	Mean	Max	No. of Non-detects	ND Rate %	BV	D> BV	ND> Std	D> Std	D> Std/2	D>Std/2 Rate %	Level	Std Type	Locations with Data (number)	D>Std (number of locations)	D>Std/2 (number of locations)	D>Std Stations
Chloro-3-methylphenol[4-]	SW-846:8270	ug/L	24	0	0	9.6	10.158	11.6	24	100	-	-	0	0	0	0	-	-	19	-	-	-
Chloro-3-methylphenol[4-]	SW-846:8270C	ug/L	74	0	0	9.8	10.849	20	74	100	-	-	0	0	0	0	-	-	24	-	-	-
Chloroaniline[4-]	SW-846:8270	ug/L	24	1	4	1.4	1.4	1.4	23	96	-	-	0	0	0	0	146	Reg6	19	-	-	-
Chloroaniline[4-]	SW-846:8270C	ug/L	74	0	0	9.8	10.849	20	74	100	-	-	0	0	0	0	146	Reg6	24	-	-	-
Chloronaphthalene[2-]	SW-846:8270	ug/L	24	0	0	0.96	1.0108	1.2	24	100	-	-	0	0	0	0	486.6667	Reg6	19	-	-	-
Chloronaphthalene[2-]	SW-846:8270C	ug/L	73	0	0	0.98	1.0837	2	73	100	-	-	0	0	0	0	486.6667	Reg6	24	-	-	-
Chlorophenol[2-]	SW-846:8270	ug/L	24	2	8	0.43	0.5	0.57	22	92	-	-	0	0	0	0	30.41667	Reg6	19	-	-	-
Chlorophenol[2-]	SW-846:8270C	ug/L	74	0	0	9.8	10.849	20	74	100	-	-	0	0	0	0	30.41667	Reg6	24	-	-	-
Chlorophenyl-phenyl[4-] Ether	SW-846:8270	ug/L	24	0	0	9.6	10.158	11.6	24	100	-	-	0	0	0	0	-	-	19	-	-	-
Chlorophenyl-phenyl[4-] Ether	SW-846:8270C	ug/L	74	0	0	9.8	10.849	20	74	100	-	-	0	0	0	0	-	-	24	-	-	-
Chrysene	SW-846:8270	ug/L	24	0	0	0.96	1.0108	1.2	24	100	-	-	24	0	0	0	0.2	MCL	19	-	-	-
Chrysene	SW-846:8270C	ug/L	74	0	0	0.98	1.0826	2	74	100	-	-	74	0	0	0	0.2	MCL	24	-	-	-
Dibenz(a,h)anthracene	SW-846:8270	ug/L	24	0	0	0.96	1.0108	1.2	24	100	-	-	24	0	0	0	0.02949853	Reg6	19	-	-	-
Dibenz(a,h)anthracene	SW-846:8270C	ug/L	74	0	0	0.98	1.0826	2	74	100	-	-	74	0	0	0	0.02949853	Reg6	24	-	-	-
Dibenzofuran	SW-846:8270	ug/L	24	0	0	9.6	10.158	11.6	24	100	-	-	0	0	0	0	12.16667	Reg6	19	-	-	-
Dibenzofuran	SW-846:8270C	ug/L	60	0	0	9.8	10.922	20	60	100	-	-	4	0	0	0	12.16667	Reg6	23	-	-	-
Dichlorobenzene[1,2-]	SW-846:8270	ug/L	24	0	0	9.6	10.158	11.6	24	100	-	-	0	0	0	0	600	MCL	19	-	-	-
Dichlorobenzene[1,2-]	SW-846:8270C	ug/L	74	0	0	9.8	10.849	20	74	100	-	-	0	0	0	0	600	MCL	24	-	-	-
Dichlorobenzene[1,3-]	SW-846:8270	ug/L	24	0	0	9.6	10.158	11.6	24	100	-	-	0	0	0	0	600	MCL	19	-	-	-
Dichlorobenzene[1,3-]	SW-846:8270C	ug/L	74	0	0	9.8	10.849	20	74	100	-	-	0	0	0	0	600	MCL	24	-	-	-
Dichlorobenzene[1,4-]	SW-846:8270	ug/L	24	0	0	9.6	10.158	11.6	24	100	-	-	0	0	0	0	75	MCL	19	-	-	-
Dichlorobenzene[1,4-]	SW-846:8270C	ug/L	74	0	0	9.8	10.849	20	74	100	-	-	0	0	0	0	75	MCL	24	-	-	-
Dichlorobenzidine[3,3'-]	SW-846:8270	ug/L	24	1	4	9.6	9.6	9.6	23	96	-	-	23	1	1	4	1.494034	Reg6	19	1	1	Spring 8A
Dichlorobenzidine[3,3'-]	SW-846:8270C	ug/L	74	0	0	9.8	10.849	20	74	100	-	-	74	0	0	0	1.494034	Reg6	24	-	-	-
Dichlorophenol[2,4-]	SW-846:8270	ug/L	24	1	4	0.58	0.58	0.58	23	96	-	-	0	0	0	0	109.5	Reg6	19	-	-	-
Dichlorophenol[2,4-]	SW-846:8270C	ug/L	74	1	1	0.58	0.58	0.58	73	99	-	-	0	0	0	0	109.5	Reg6	24	-	-	-
Diethylphthalate	SW-846:8270	ug/L	24	0	0	2.2	9.85	11.6	24	100	-	-	0	0	0	0	29200	Reg6	19	-	-	-
Diethylphthalate	SW-846:8270C	ug/L	74	0	0	9.8	10.849	20	74	100	-	-	0	0	0	0	29200	Reg6	24	-	-	-
Dimethyl Phthalate	SW-846:8270	ug/L	24	0	0	9.6	10.158	11.6	24	100	-	-	0	0	0	0	365000	Reg6	19	-	-	-
Dimethyl Phthalate	SW-846:8270C	ug/L	74	0	0	9.8	10.849	20	74	100	-	-	0	0	0	0	365000	Reg6	24	-	-	-
Dimethylphenol[2,4-]	SW-846:8270	ug/L	24	1	4	0.55	0.55	0.55	23	96	-	-	0	0	0	0	730	Reg6	19	-	-	-
Dimethylphenol[2,4-]	SW-846:8270C	ug/L	59	0	0	10	10.941	20	59	100	-	-	0	0	0	0	730	Reg6	23	-	-	-
Di-n-butylphthalate	SW-846:8270	ug/L	24	1	4	1.1	1.1	1.1	23	96	-	-	0	0	0	0	3650	Reg6	19	-	-	-
Di-n-butylphthalate	SW-846:8270C	ug/L	73	0	0	10	10.863	20	73	100	-	-	0	0	0	0	3650	Reg6	24	-	-	-
Dinitro-2-methylphenol[4,6-]	SW-846:8270	ug/L	24	0	0	9.6	10.158	11.6	24	100	-	-	0	0	0	0	-	-	19	-	-	-
Dinitro-2-methylphenol[4,6-]	SW-846:8270C	ug/L	74	0	0	9.8	10.849	20	74	100	-	-	0	0	0	0	-	-	24	-	-	-
Dinitrophenol[2,4-]	SW-846:8270	ug/L	24	0	0	19.2	20.321	23.2	24	100	-	-	0	0	0	0	73	Reg6	19	-	-	-
Dinitrophenol[2,4-]	SW-846:8270C	ug/L	74	0	0	19.6	21.708	40	74	100	-	-	0	0	0	0	73	Reg6	24	-	-	-
Dinitrotoluene[2,4-]	SW-846:8270	ug/L	24	0	0	9.6	10.158	11.6	24	100	-	-	0	0	0	0	73	Reg6	19	-	-	-
Dinitrotoluene[2,4-]	SW-846:8270C	ug/L	74	0	0	9.8	10.849	20	74	100	-	-	0	0	0	0	73	Reg6	24	-	-	-
Dinitrotoluene[2,6-]	SW-846:8270	ug/L	24	0	0	9.6	10.158	11.6	24	100	-	-	0	0	0	0	36.5	Reg6	19	-	-	-
Dinitrotoluene[2,6-]	SW-846:8270C	ug/L	74	0	0	9.8	10.849	20	74	100	-	-	0	0	0	0	36.5	Reg6	24	-	-	-
Di-n-octylphthalate	SW-846:8270	ug/L	24	0	0	9.6	10.158	11.6	24	100	-	-	0	0	0	0	-	-	19	-	-	-
Di-n-octylphthalate	SW-846:8270C	ug/L	74	2	3	3.61	4.995	6.38	72	97	-	-	0	0	0	0	-	-	24	-	-	-
Dinoseb	SW-846:8270C	ug/L	72	0	0	9.8	10.867	20	72	100	-	-	0	0	0	0	-	-	24	-	-	-
Dioxane[1,4-]	SW-846:8270C	ug/L	62	0	0	10	10.771	14.3	62	100	-	-	0	0	0	0	61.11958	Reg6	24	-	-	-
Diphenylamine	SW-846:8270	ug/L	24	0	0	9.6	10.158	11.6	24	100	-	-	0	0	0	0	912.5	Reg6	19	-	-	-
Diphenylamine	SW-846:8270C	ug/L	74	0	0	9.8	10.849	20	74	100	-	-	0	0	0	0	912.5	Reg6	24	-	-	-
Diphenylhydrazine[1,2-]	SW-846:8270	ug/L	3	1	33	1.6	1.6	1.6	2	67	-	-	2	1	1	33	0.8403942	Reg6	3	1	1	Spring 4
Fluoranthene	SW-846:8270	ug/L	24	0	0	0.96	1.0108	1.2	24	100	-	-	0	0	0	0	1460	Reg6	19	-	-	-
Fluoranthene	SW-846:8270C	ug/L	73	0	0	0.98	1.0837	2	73	100	-	-	0	0	0	0	1460	Reg6	24	-	-	-
Fluorene	SW-846:8270	ug/L	24	0	0	0.96	1.0108	1.2	24	100	-	-	0	0	0	0	243.3333	Reg6	19	-	-	-

Table B-7
Screening Table for White Rock Canyon and Rio Grande Watershed

Analyte	Method	Units	No. of Analyses	No. of Detects	D Rate %	Min	Mean	Max	No. of Non-detects	ND Rate %	BV	D> BV	ND> Std	D> Std	D> Std/2	D>Std/2 Rate %	Level	Std Type	Locations with Data (number)	D>Std (number of locations)	D>Std/2 (number of locations)	D>Std Stations
Fluorene	SW-846:8270C	ug/L	73	0	0	0.98	1.0837	2	73	100	-	-	0	0	0	0	243.3333	Reg6	24	-	-	-
Hexachlorobenzene	SW-846:8270	ug/L	24	0	0	9.6	10.158	11.6	24	100	-	-	24	0	0	0	1	MCL	19	-	-	-
Hexachlorobenzene	SW-846:8270C	ug/L	74	0	0	9.8	10.849	20	74	100	-	-	74	0	0	0	1	MCL	24	-	-	-
Hexachlorobutadiene	SW-846:8270	ug/L	24	0	0	9.6	10.158	11.6	24	100	-	-	24	0	0	0	8.619427	Reg6	19	-	-	-
Hexachlorobutadiene	SW-846:8270C	ug/L	74	0	0	9.8	10.849	20	74	100	-	-	74	0	0	0	8.619427	Reg6	24	-	-	-
Hexachlorocyclopentadiene	SW-846:8270	ug/L	24	0	0	9.6	10.158	11.6	24	100	-	-	0	0	0	0	50	MCL	19	-	-	-
Hexachlorocyclopentadiene	SW-846:8270C	ug/L	74	0	0	9.8	10.849	20	74	100	-	-	0	0	0	0	50	MCL	24	-	-	-
Hexachloroethane	SW-846:8270	ug/L	24	0	0	9.6	10.158	11.6	24	100	-	-	0	0	0	0	48.02252	Reg6	19	-	-	-
Hexachloroethane	SW-846:8270C	ug/L	74	0	0	9.8	10.849	20	74	100	-	-	0	0	0	0	48.02252	Reg6	24	-	-	-
Indeno(1,2,3-cd)pyrene	SW-846:8270	ug/L	24	0	0	0.96	1.0108	1.2	24	100	-	-	24	0	0	0	0.2949853	Reg6	19	-	-	-
Indeno(1,2,3-cd)pyrene	SW-846:8270C	ug/L	74	0	0	0.98	1.0826	2	74	100	-	-	74	0	0	0	0.2949853	Reg6	24	-	-	-
Isophorone	SW-846:8270	ug/L	24	0	0	9.6	10.158	11.6	24	100	-	-	0	0	0	0	707.7004	Reg6	19	-	-	-
Isophorone	SW-846:8270C	ug/L	74	0	0	9.8	10.849	20	74	100	-	-	0	0	0	0	707.7004	Reg6	24	-	-	-
Methylnaphthalene[1-]	SW-846:8270C	ug/L	71	0	0	0.98	1.0854	2	71	100	-	-	0	0	0	0	-	-	24	-	-	-
Methylnaphthalene[2-]	SW-846:8270	ug/L	24	0	0	0.96	1.0108	1.2	24	100	-	-	0	0	0	0	-	-	19	-	-	-
Methylnaphthalene[2-]	SW-846:8270C	ug/L	73	0	0	0.98	1.0837	2	73	100	-	-	0	0	0	0	-	-	24	-	-	-
Methylphenol[2-]	SW-846:8270	ug/L	24	1	4	0.48	0.48	0.48	23	96	-	-	0	0	0	0	1825	Reg6	19	-	-	-
Methylphenol[2-]	SW-846:8270C	ug/L	74	0	0	9.8	10.849	20	74	100	-	-	0	0	0	0	1825	Reg6	24	-	-	-
Methylphenol[3-,4-]	SW-846:8270C	ug/L	71	0	0	9.8	10.738	14.3	71	100	-	-	0	0	0	0	-	-	24	-	-	-
Methylphenol[4-]	SW-846:8270	ug/L	24	0	0	9.6	10.158	11.6	24	100	-	-	0	0	0	0	182.5	Reg6	19	-	-	-
Methylphenol[4-]	SW-846:8270C	ug/L	3	0	0	10	13.467	20	3	100	-	-	0	0	0	0	182.5	Reg6	2	-	-	-
Methylpyridine[2-]	SW-846:8270	ug/L	24	0	0	9.6	10.158	11.6	24	100	-	-	0	0	0	0	-	-	19	-	-	-
Methylpyridine[2-]	SW-846:8270C	ug/L	2	0	0	10	10.2	10.4	2	100	-	-	0	0	0	0	-	-	2	-	-	-
Naphthalene	SW-846:8270	ug/L	24	1	4	0.22	0.22	0.22	23	96	-	-	0	0	0	0	30	NMGSU	19	-	-	-
Naphthalene	SW-846:8270C	ug/L	73	0	0	0.98	1.0837	2	73	100	-	-	0	0	0	0	30	NMGSU	24	-	-	-
Nitroaniline[2-]	SW-846:8270	ug/L	24	0	0	9.6	10.158	11.6	24	100	-	-	0	0	0	0	109.5	Reg6	19	-	-	-
Nitroaniline[2-]	SW-846:8270C	ug/L	74	0	0	9.8	10.849	20	74	100	-	-	0	0	0	0	109.5	Reg6	24	-	-	-
Nitroaniline[3-]	SW-846:8270	ug/L	24	0	0	9.6	10.158	11.6	24	100	-	-	0	0	0	0	-	-	19	-	-	-
Nitroaniline[3-]	SW-846:8270C	ug/L	74	0	0	9.8	10.849	20	74	100	-	-	0	0	0	0	-	-	24	-	-	-
Nitroaniline[4-]	SW-846:8270	ug/L	24	0	0	9.6	10.158	11.6	24	100	-	-	0	0	0	0	-	-	19	-	-	-
Nitroaniline[4-]	SW-846:8270C	ug/L	74	0	0	9.8	10.849	20	74	100	-	-	0	0	0	0	-	-	24	-	-	-
Nitrobenzene	SW-846:8270	ug/L	24	0	0	9.6	10.158	11.6	24	100	-	-	24	0	0	0	3.395349	Reg6	19	-	-	-
Nitrobenzene	SW-846:8270C	ug/L	74	0	0	9.8	10.849	20	74	100	-	-	74	0	0	0	3.395349	Reg6	24	-	-	-
Nitrophenol[2-]	SW-846:8270	ug/L	24	1	4	1.3	1.3	1.3	23	96	-	-	0	0	0	0	-	-	19	-	-	-
Nitrophenol[2-]	SW-846:8270C	ug/L	69	0	0	9.8	10.804	20	69	100	-	-	0	0	0	0	-	-	24	-	-	-
Nitrophenol[4-]	SW-846:8270	ug/L	24	0	0	9.6	10.158	11.6	24	100	-	-	0	0	0	0	292	Reg6	19	-	-	-
Nitrophenol[4-]	SW-846:8270C	ug/L	74	0	0	9.8	10.849	20	74	100	-	-	0	0	0	0	292	Reg6	24	-	-	-
Nitrosodiethylamine[N-]	SW-846:8270C	ug/L	72	0	0	9.8	10.867	20	72	100	-	-	72	0	0	0	0.001435595	Reg6	24	-	-	-
Nitrosodimethylamine[N-]	SW-846:8270	ug/L	24	0	0	9.6	10.158	11.6	24	100	-	-	24	0	0	0	0.004222338	Reg6	19	-	-	-
Nitrosodimethylamine[N-]	SW-846:8270C	ug/L	74	0	0	9.8	10.849	20	74	100	-	-	74	0	0	0	0.004222338	Reg6	24	-	-	-
Nitroso-di-n-butylamine[N-]	SW-846:8270C	ug/L	72	0	0	9.8	10.867	20	72	100	-	-	72	0	0	0	0.1226854	Reg6	24	-	-	-
Nitroso-di-n-propylamine[N-]	SW-846:8270	ug/L	24	0	0	9.6	10.158	11.6	24	100	-	-	24	0	0	0	0.09604505	Reg6	19	-	-	-
Nitroso-di-n-propylamine[N-]	SW-846:8270C	ug/L	74	0	0	9.8	10.849	20	74	100	-	-	74	0	0	0	0.09604505	Reg6	24	-	-	-
Nitrosopyrrolidine[N-]	SW-846:8270C	ug/L	72	0	0	9.8	10.867	20	72	100	-	-	72	0	0	0	0.3201502	Reg6	24	-	-	-
Oxybis(1-chloropropane)[2,2'-]	SW-846:8270	ug/L	24	0	0	9.6	10.158	11.6	24	100	-	-	24	0	0	0	9.536393	Reg6	19	-	-	-
Oxybis(1-chloropropane)[2,2'-]	SW-846:8270C	ug/L	74	0	0	9.8	10.849	20	74	100	-	-	74	0	0	0	9.536393	Reg6	24	-	-	-
Pentachlorobenzene	SW-846:8270C	ug/L	72	0	0	9.8	10.867	20	72	100	-	-	0	0	0	0	29.2	Reg6	24	-	-	-
Pentachlorophenol	SW-846:8270	ug/L	24	0	0	9.6	10.158	11.6	24	100	-	-	24	0	0	0	1	MCL	19	-	-	-
Pentachlorophenol	SW-846:8270C	ug/L	74	0	0	9.8	10.849	20	74	100	-	-	74	0	0	0	1	MCL	24	-	-	-
Phenanthrene	SW-846:8270	ug/L	24	0	0	0.96	1.0108	1.2	24	100	-	-	0	0	0	0	-	-	19	-	-	-
Phenanthrene	SW-846:8270C	ug/L	56	0	0	0.98	1.0921	2	56	100	-	-	0	0	0	0	-	-	23	-	-	-
Phenol	SW-846:8270	ug/L	24	0	0	9.6	10.158	11.6	24	100	-	-	24	0	0	0	5	NMGSU	19	-	-	-

Table B-7
Screening Table for White Rock Canyon and Rio Grande Watershed

Analyte	Method	Units	No. of Analyses	No. of Detects	D Rate %	Min	Mean	Max	No. of Non-detects	ND Rate %	BV	D> BV	ND> Std	D> Std	D> Std/2	D>Std/2 Rate %	Level	Std Type	Locations with Data (number)	D>Std (number of locations)	D>Std/2 (number of locations)	D>Std Stations
Phenol	SW-846:8270C	ug/L	74	0	0	9.8	10.849	20	74	100	-	-	74	0	0	0	5	NMGSU	24	-	-	-
Pyrene	SW-846:8270	ug/L	24	0	0	0.96	1.0108	1.2	24	100	-	-	0	0	0	0	182.5	Reg6	19	-	-	-
Pyrene	SW-846:8270C	ug/L	73	0	0	0.98	1.0837	2	73	100	-	-	0	0	0	0	182.5	Reg6	24	-	-	-
Pyridine	SW-846:8270	ug/L	16	0	0	9.6	10.213	11.6	16	100	-	-	0	0	0	0	36.5	Reg6	12	-	-	-
Pyridine	SW-846:8270C	ug/L	28	0	0	10	10.696	14.3	28	100	-	-	0	0	0	0	36.5	Reg6	23	-	-	-
Tetrachlorobenzene[1,2,4,5]	SW-846:8270C	ug/L	72	0	0	9.8	10.867	20	72	100	-	-	72	0	0	0	0.00003	MCL	24	-	-	-
Tetrachlorophenol[2,3,4,6-]	SW-846:8270C	ug/L	72	0	0	9.8	10.867	20	72	100	-	-	72	0	0	0	5	MCL	24	-	-	-
Trichlorobenzene[1,2,4-]	SW-846:8270	ug/L	24	0	0	9.6	10.158	11.6	24	100	-	-	0	0	0	0	70	MCL	19	-	-	-
Trichlorobenzene[1,2,4-]	SW-846:8270C	ug/L	74	0	0	9.8	10.849	20	74	100	-	-	0	0	0	0	70	MCL	24	-	-	-
Trichlorophenol[2,4,5-]	SW-846:8270	ug/L	24	0	0	9.6	10.158	11.6	24	100	-	-	0	0	0	0	3650	Reg6	19	-	-	-
Trichlorophenol[2,4,5-]	SW-846:8270C	ug/L	74	1	1	1.2	1.2	1.2	73	99	-	-	0	0	0	0	3650	Reg6	24	-	-	-
Trichlorophenol[2,4,6-]	SW-846:8270	ug/L	24	0	0	9.6	10.158	11.6	24	100	-	-	0	0	0	0	61.11958	Reg6	19	-	-	-
Trichlorophenol[2,4,6-]	SW-846:8270C	ug/L	74	1	1	2.1	2.1	2.1	73	99	-	-	0	0	0	0	61.11958	Reg6	24	-	-	-
White Rock, VOA, UF, Springs																						
Acetone	SW-846:8260B	ug/L	93	11	12	1.8	3.10727	8.2	82	88	-	-	0	0	0	0	5475	Reg6	26	-	-	-
Acetonitrile	SW-846:8260B	ug/L	72	0	0	25	25	25	72	100	-	-	0	0	0	0	124.1	Reg6	24	-	-	-
Acrolein	SW-846:8260B	ug/L	98	0	0	5	5	5	98	100	-	-	98	0	0	0	0.04161916	Reg6	26	-	-	-
Acrylonitrile	SW-846:8260B	ug/L	98	0	0	5	5	5	98	100	-	-	98	0	0	0	1.237239	Reg6	26	-	-	-
Benzene	SW-846:8260B	ug/L	98	0	0	1	1	1	98	100	-	-	0	0	0	0	5	MCL	26	-	-	-
Bromobenzene	SW-846:8260B	ug/L	98	0	0	1	1	1	98	100	-	-	0	0	0	0	23.25201	Reg6	26	-	-	-
Bromochloromethane	SW-846:8260B	ug/L	98	0	0	1	1	1	98	100	-	-	0	0	0	0	-	-	26	-	-	-
Bromodichloromethane	SW-846:8260B	ug/L	98	0	0	1	1	1	98	100	-	-	0	0	0	0	10.69108	Reg6	26	-	-	-
Bromoform	SW-846:8260B	ug/L	98	0	0	1	1	1	98	100	-	-	0	0	0	0	85.10321	Reg6	26	-	-	-
Bromomethane	EPA:624	ug/L	1	1	100	2.1	2.1	2.1	0	0	-	-	0	0	0	0	8.661017	Reg6	1	-	-	-
Bromomethane	SW-846:8260B	ug/L	97	0	0	1	1	1	97	100	-	-	0	0	0	0	8.661017	Reg6	26	-	-	-
Butanone[2-]	SW-846:8260B	ug/L	98	4	4	2.32	4.91	7.95	94	96	-	-	0	0	0	0	7064.516	Reg6	26	-	-	-
Butylbenzene[n-]	SW-846:8260B	ug/L	98	0	0	1	1	1	98	100	-	-	0	0	0	0	60.83333	Reg6	26	-	-	-
Butylbenzene[sec-]	SW-846:8260B	ug/L	98	0	0	1	1	1	98	100	-	-	0	0	0	0	60.83333	Reg6	26	-	-	-
Butylbenzene[tert-]	SW-846:8260B	ug/L	98	0	0	1	1	1	98	100	-	-	0	0	0	0	60.83333	Reg6	26	-	-	-
Carbon Disulfide	SW-846:8260B	ug/L	98	0	0	1.58	4.9651	5	98	100	-	-	0	0	0	0	1042.857	Reg6	26	-	-	-
Carbon Tetrachloride	SW-846:8260B	ug/L	98	0	0	1	1	1	98	100	-	-	0	0	0	0	5	MCL	26	-	-	-
Chloro-1,3-butadiene[2-]	SW-846:8260B	ug/L	72	0	0	1	1	1	72	100	-	-	0	0	0	0	14.31373	Reg6	24	-	-	-
Chloro-1-propene[3-]	SW-846:8260B	ug/L	72	0	0	5	5	5	72	100	-	-	0	0	0	0	1825	Reg6	24	-	-	-
Chlorobenzene	SW-846:8260B	ug/L	98	0	0	1	1	1	98	100	-	-	0	0	0	0	100	MCL	26	-	-	-
Chlorodibromomethane	SW-846:8260B	ug/L	98	0	0	1	1	1	98	100	-	-	0	0	0	0	7.891034	Reg6	26	-	-	-
Chloroethane	SW-846:8260B	ug/L	98	0	0	1	1	1	98	100	-	-	0	0	0	0	228.5679	Reg6	26	-	-	-
Chloroethyl vinyl ether[2-]	SW-846:8260B	ug/L	6	0	0	5	5	5	6	100	-	-	0	0	0	0	-	-	5	-	-	-
Chloroform	SW-846:8260B	ug/L	98	0	0	1	1	1	98	100	-	-	0	0	0	0	60	MCL	26	-	-	-
Chloromethane	SW-846:8260B	ug/L	98	0	0	1	1	1	98	100	-	-	0	0	0	0	21.34503	Reg6	26	-	-	-
Chlorotoluene[2-]	SW-846:8260B	ug/L	98	0	0	1	1	1	98	100	-	-	0	0	0	0	121.6667	Reg6	26	-	-	-
Chlorotoluene[4-]	SW-846:8260B	ug/L	96	0	0	1	1	1	96	100	-	-	0	0	0	0	-	-	26	-	-	-
Dibromo-3-Chloropropane[1,2-]	SW-846:8260B	ug/L	98	0	0	1	1	1	98	100	-	-	98	0	0	0	0.2	MCL	26	-	-	-
Dibromoethane[1,2-]	SW-846:8260B	ug/L	98	0	0	1	1	1	98	100	-	-	98	0	0	0	0.05	MCL	26	-	-	-
Dibromomethane	SW-846:8260B	ug/L	98	0	0	1	1	1	98	100	-	-	0	0	0	0	60.83333	Reg6	26	-	-	-
Dichlorobenzene[1,2-]	SW-846:8260B	ug/L	98	0	0	1	1	1	98	100	-	-	0	0	0	0	-	-	26	-	-	-
Dichlorobenzene[1,3-]	SW-846:8260B	ug/L	98	3	3	0.318	0.40733	0.56	95	97	-	-	0	0	0	0	-	-	26	-	-	-
Dichlorobenzene[1,4-]	SW-846:8260B	ug/L	96	0	0	1	1	1	96	100	-	-	0	0	0	0	-	-	26	-	-	-
Dichlorodifluoromethane	SW-846:8260B	ug/L	98	0	0	1	1	1	98	100	-	-	0	0	0	0	394.5946	Reg6	26	-	-	-
Dichloroethane[1,1-]	SW-846:8260B	ug/L	98	0	0	1	1	1	98	100	-	-	0	0	0	0	25	NMGSU	26	-	-	-
Dichloroethane[1,2-]	SW-846:8260B	ug/L	98	0	0	1	1	1	98	100	-	-	0	0	0	0	5	MCL	26	-	-	-
Dichloroethene[1,1-]	SW-846:8260B	ug/L	98	0	0	1	1	1	98	100	-	-	0	0	0	0	5	NMGSU	26	-	-	-
Dichloroethene[cis-1,2-]	SW-846:8260B	ug/L	73	0	0	1	1	1	73	100	-	-	0	0	0	0	70	MCL	24	-	-	-

Table B-7
Screening Table for White Rock Canyon and Rio Grande Watershed

Analyte	Method	Units	No. of Analyses	No. of Detects	D Rate %	Min	Mean	Max	No. of Non-detects	ND Rate %	BV	D> BV	ND> Std	D> Std	D> Std/2	D>Std/2 Rate %	Level	Std Type	Locations with Data (number)	D>Std (number of locations)	D>Std/2 (number of locations)	D>Std Stations
Dichloroethene[trans-1,2-]	SW-846:8260B	ug/L	98	0	0	*1*	*1*	*1*	98	100	-	-	0	0	0	0	100	MCL	26	-	-	-
Dichloropropane[1,2-]	SW-846:8260B	ug/L	98	0	0	*1*	*1*	*1*	98	100	-	-	0	0	0	0	5	MCL	26	-	-	-
Dichloropropane[1,3-]	SW-846:8260B	ug/L	98	0	0	*1*	*1*	*1*	98	100	-	-	0	0	0	0	-	-	26	-	-	-
Dichloropropane[2,2-]	SW-846:8260B	ug/L	98	0	0	*1*	*1*	*1*	98	100	-	-	0	0	0	0	-	-	26	-	-	-
Dichloropropene[1,1-]	SW-846:8260B	ug/L	98	0	0	*1*	*1*	*1*	98	100	-	-	0	0	0	0	-	-	26	-	-	-
Dichloropropene[cis-1,3-]	SW-846:8260B	ug/L	98	0	0	*1*	*1*	*1*	98	100	-	-	0	0	0	0	-	-	26	-	-	-
Dichloropropene[trans-1,3-]	SW-846:8260B	ug/L	98	0	0	*1*	*1*	*1*	98	100	-	-	0	0	0	0	-	-	26	-	-	-
Dioxane[1,4-]	SW-846:8260B	ug/L	3	0	0	*50*	*50*	*50*	3	100	-	-	0	0	0	0	-	-	3	-	-	-
Ethyl Methacrylate	SW-846:8260B	ug/L	72	0	0	*5*	*5*	*5*	72	100	-	-	0	0	0	0	547.5	Reg6	24	-	-	-
Ethylbenzene	SW-846:8260B	ug/L	98	0	0	*1*	*1*	*1*	98	100	-	-	0	0	0	0	700	MCL	26	-	-	-
Hexachlorobutadiene	SW-846:8260B	ug/L	98	0	0	*1*	*1*	*1*	98	100	-	-	0	0	0	0	-	-	26	-	-	-
Hexanone[2-]	SW-846:8260B	ug/L	98	0	0	*5*	*5*	*5*	98	100	-	-	0	0	0	0	-	-	26	-	-	-
Iodomethane	SW-846:8260B	ug/L	98	0	0	*5*	*5*	*5*	98	100	-	-	0	0	0	0	-	-	26	-	-	-
Isobutyl alcohol	SW-846:8260B	ug/L	71	0	0	*50*	*50*	*50*	71	100	-	-	0	0	0	0	1825	Reg6	24	-	-	-
Isopropylbenzene	SW-846:8260B	ug/L	98	0	0	*1*	*1*	*1*	98	100	-	-	0	0	0	0	658.1967	Reg6	26	-	-	-
Isopropyltoluene[4-]	SW-846:8260B	ug/L	98	0	0	*1*	*1*	*1*	98	100	-	-	0	0	0	0	-	-	26	-	-	-
Methacrylonitrile	SW-846:8260B	ug/L	72	0	0	*5*	*5*	*5*	72	100	-	-	72	0	0	0	1.042857	Reg6	24	-	-	-
Methyl Methacrylate	SW-846:8260B	ug/L	72	0	0	*5*	*5*	*5*	72	100	-	-	0	0	0	0	1419.444	Reg6	24	-	-	-
Methyl-2-pentanone[4-]	SW-846:8260B	ug/L	98	0	0	*5*	*5*	*5*	98	100	-	-	0	0	0	0	1990.909	Reg6	26	-	-	-
Methylene Chloride	SW-846:8260B	ug/L	98	0	0	*5*	*5*	*5*	98	100	-	-	0	0	0	0	5	MCL	26	-	-	-
Naphthalene	SW-846:8260B	ug/L	98	0	0	*1*	*1.002*	*1.2*	98	100	-	-	0	0	0	0	-	-	26	-	-	-
Propionitrile	SW-846:8260B	ug/L	72	0	0	*5*	*5*	*5*	72	100	-	-	0	0	0	0	-	-	24	-	-	-
Propylbenzene[1-]	SW-846:8260B	ug/L	98	0	0	*1*	*1*	*1*	98	100	-	-	0	0	0	0	60.83333	Reg6	26	-	-	-
Styrene	SW-846:8260B	ug/L	98	0	0	*1*	*1*	*1*	98	100	-	-	0	0	0	0	100	MCL	26	-	-	-
Tetrachloroethane[1,1,1,2-]	SW-846:8260B	ug/L	98	0	0	*1*	*1*	*1*	98	100	-	-	0	0	0	0	25.49549	Reg6	26	-	-	-
Tetrachloroethane[1,1,2,2-]	SW-846:8260B	ug/L	98	0	0	*1*	*1*	*1*	98	100	-	-	0	0	0	0	10	NMGSU	26	-	-	-
Tetrachloroethene	SW-846:8260B	ug/L	98	0	0	*1*	*1*	*1*	98	100	-	-	0	0	0	0	5	MCL	26	-	-	-
Toluene	SW-846:8260B	ug/L	98	11	11	0.265	0.40209	0.741	87	89	-	-	0	0	0	0	750	NMGSU	26	-	-	-
Trichloro-1,2,2-trifluoroethane[1,1,2-]	SW-846:8260B	ug/L	98	0	0	*5*	*5*	*5*	98	100	-	-	0	0	0	0	59179.86	Reg6	26	-	-	-
Trichlorobenzene[1,2,3-]	SW-846:8260B	ug/L	68	0	0	*1*	*1*	*1*	68	100	-	-	0	0	0	0	-	-	24	-	-	-
Trichlorobenzene[1,2,4-]	SW-846:8260B	ug/L	72	0	0	*1*	*1*	*1*	72	100	-	-	0	0	0	0	-	-	24	-	-	-
Trichloroethane[1,1,1-]	SW-846:8260B	ug/L	98	0	0	*1*	*1*	*1*	98	100	-	-	0	0	0	0	60	NMGSU	26	-	-	-
Trichloroethane[1,1,2-]	SW-846:8260B	ug/L	98	0	0	*1*	*1*	*1*	98	100	-	-	0	0	0	0	5	MCL	26	-	-	-
Trichloroethene	SW-846:8260B	ug/L	98	0	0	*1*	*1*	*1*	98	100	-	-	0	0	0	0	5	MCL	26	-	-	-
Trichlorofluoromethane	SW-846:8260B	ug/L	98	0	0	*1*	*1*	*1*	98	100	-	-	0	0	0	0	5	MCL	26	-	-	-
Trichloropropane[1,2,3-]	SW-846:8260B	ug/L	98	0	0	*1*	*1*	*1*	98	100	-	-	98	0	0	0	0.09469241	Reg6	26	-	-	-
Trimethylbenzene[1,2,4-]	SW-846:8260B	ug/L	98	0	0	*1*	*1*	*1*	98	100	-	-	0	0	0	0	12.42906	Reg6	26	-	-	-
Trimethylbenzene[1,3,5-]	SW-846:8260B	ug/L	98	0	0	*1*	*1*	*1*	98	100	-	-	0	0	0	0	12.32618	Reg6	26	-	-	-
Vinyl acetate	SW-846:8260B	ug/L	72	0	0	*5*	*5*	*5*	72	100	-	-	0	0	0	0	412.4294	Reg6	24	-	-	-
Vinyl Chloride	SW-846:8260B	ug/L	98	0	0	*1*	*1*	*1*	98	100	-	-	0	0	0	0	1	NMGSU	26	-	-	-
Xylene (Total)	SW-846:8260B	ug/L	24	0	0	*1*	*1*	*1*	24	100	-	-	0	0	0	0	10000	MCL	20	-	-	-
Xylene[1,2-]	SW-846:8260B	ug/L	98	0	0	*1*	*1*	*1*	98	100	-	-	0	0	0	0	1431.373	Reg6	26	-	-	-
Xylene[1,3-]+Xylene[1,4-]	SW-846:8260B	ug/L	92	0	0	*2*	*2*	*2*	92	100	-	-	0	0	0	0	-	-	26	-	-	-
White Rock, RAD, UF, Springs																						
Americium-241	Generic:Alpha-Spec	pCi/L	46	2	4	0.00521	0.01181	0.0184	44	96	-	-	0	0	0	0	20	NMRPS	20	-	-	-
Americium-241	HASL-300:AM-241	pCi/L	70	1	1	0.0888	0.0888	0.0888	69	99	-	-	0	0	0	0	20	NMRPS	24	-	-	-
Cesium-137	EPA:901.1	pCi/L	117	0	0	*-3.21*	*0.2462*	*4.13*	117	100	-	-	0	0	0	0	1000	NMRPS	26	-	-	-
Cobalt-60	EPA:901.1	pCi/L	116	0	0	*-4.37*	*0.4784*	*5.53*	116	100	-	-	0	0	0	0	3000	NMRPS	26	-	-	-
Gross alpha	EPA:900	pCi/L	117	32	27	0.969	3.32091	10.3	85	73	-	-	0	0	6	5	15	MCL	26	-	1	-
Gross beta	EPA:900	pCi/L	117	63	54	1.33	4.2819	17	54	46	-	-	0	0	0	0	50	SMCL	26	-	-	-
Gross gamma	EPA:901.1	pCi/L	117	0	0	*38.9*	*101.78*	*631*	117	100	-	-	0	0	0	0	-	-	26	-	-	-
Neptunium-237	EPA:901.1	pCi/L	115	0	0	*-23.2*	*3.3881*	*29.6*	115	100	-	-	7	0	0	0	20	NMRPS	26	-	-	-

Table B-7
Screening Table for White Rock Canyon and Rio Grande Watershed

Analyte	Method	Units	No. of Analyses	No. of Detects	D Rate %	Min	Mean	Max	No. of Non-detects	ND Rate %	BV	D> BV	ND> Std	D> Std	D> Std/2	D>Std/2 Rate %	Level	Std Type	Locations with Data (number)	D>Std (number of locations)	D>Std/2 (number of locations)	D>Std Stations
Plutonium-238	Generic:Alpha-Spec	pCi/L	46	4	9	0.00078	0.02648	0.0564	42	91	-	-	0	0	0	0	20	NMRPS	20	-	-	-
Plutonium-238	HASL-300:ISOPU	pCi/L	71	0	0	*-0.0303*	*-0.0011*	*0.0195*	71	100	-	-	0	0	0	0	20	NMRPS	24	-	-	-
Plutonium-239/240	Generic:Alpha-Spec	pCi/L	46	2	4	0.00442	0.00454	0.00466	44	96	-	-	0	0	0	0	20	NMRPS	20	-	-	-
Plutonium-239/240	HASL-300:ISOPU	pCi/L	70	0	0	*-0.0234*	*-0.0005*	*0.0217*	70	100	-	-	0	0	0	0	20	NMRPS	24	-	-	-
Potassium-40	EPA:901.1	pCi/L	105	4	4	35.2	64.65	131	101	96	-	-	0	0	0	0	4000	NMRPS	26	-	-	-
Radium-226	EPA:903.1	pCi/L	46	8	17	0.431	1.27325	3.45	38	83	-	-	0	0	1	2	5	MCL	21	-	1	-
Sodium-22	EPA:901.1	pCi/L	117	0	0	*-3*	*-0.1122*	*3.94*	117	100	-	-	0	0	0	0	6000	NMRPS	26	-	-	-
Strontium-90	EPA:905.0	pCi/L	71	0	0	*-0.199*	*0.0149*	*0.436*	71	100	-	-	0	0	0	0	8	MCL	24	-	-	-
Strontium-90	Generic:Gas Flow Proportional Counting	pCi/L	44	1	2	0.14	0.14	0.14	43	98	-	-	0	0	0	0	8	MCL	20	-	-	-
Thorium-228	Generic:Alpha-Spec	pCi/L	30	0	0	*-0.0265*	*0.0066*	*0.0425*	30	100	-	-	0	0	0	0	-	-	19	-	-	-
Thorium-230	Generic:Alpha-Spec	pCi/L	30	2	7	0.0323	0.03715	0.042	28	93	-	-	0	0	0	0	-	-	19	-	-	-
Thorium-232	Generic:Alpha-Spec	pCi/L	30	0	0	*-0.0102*	*0.0053*	*0.0242*	30	100	-	-	0	0	0	0	-	-	19	-	-	-
Uranium-234	Generic:Alpha-Spec	pCi/L	46	44	96	0.0818	1.0819	5.83	2	4	-	-	0	0	0	0	300	NMRPS	20	-	-	-
Uranium-234	HASL-300:ISOU	pCi/L	71	71	100	0.0796	0.81891	6.21	0	0	-	-	0	0	0	0	300	NMRPS	24	-	-	-
Uranium-235/Uranium-236	Generic:Alpha-Spec	pCi/L	46	18	39	0.0324	0.13671	0.552	28	61	-	-	0	0	0	0	-	-	20	-	-	-
Uranium-235/Uranium-236	HASL-300:ISOU	pCi/L	71	17	24	0.0308	0.12352	0.538	54	76	-	-	0	0	0	0	-	-	24	-	-	-
Uranium-238	Generic:Alpha-Spec	pCi/L	46	45	98	0.0399	0.61359	3.77	1	2	-	-	0	0	0	0	300	NMRPS	20	-	-	-
Uranium-238	HASL-300:ISOU	pCi/L	71	70	99	0.0541	0.47775	4.14	1	1	-	-	0	0	0	0	300	NMRPS	24	-	-	-
White Rock, RAD, UF, Springs																						
Americium-241	HASL-300:AM-241	pCi/L	68	0	0	*-0.0283*	*-0.0018*	*0.0212*	68	100	-	-	0	0	0	0	20	NMRPS	24	-	-	-
Cesium-137	EPA:901.1	pCi/L	68	0	0	*-2.76*	*0.169*	*3.39*	68	100	-	-	0	0	0	0	1000	NMRPS	24	-	-	-
Cobalt-60	EPA:901.1	pCi/L	68	0	0	*-2.5*	*0.18*	*2.4*	68	100	-	-	0	0	0	0	3000	NMRPS	24	-	-	-
Gross alpha	EPA:900	pCi/L	68	15	22	1.08	3.55333	9.77	53	78	-	-	0	0	2	3	15	MCL	24	-	1	-
Gross beta	EPA:900	pCi/L	68	39	57	0.967	4.48121	15.4	29	43	-	-	0	0	0	0	50	SMCL	24	-	-	-
Gross gamma	EPA:901.1	pCi/L	68	0	0	*37.4*	*81.597*	*439*	68	100	-	-	0	0	0	0	-	-	24	-	-	-
Neptunium-237	EPA:901.1	pCi/L	67	0	0	*-22.2*	*0.2865*	*25.4*	67	100	-	-	1	0	0	0	20	NMRPS	24	-	-	-
Plutonium-238	HASL-300:ISOPU	pCi/L	68	0	0	*-0.0282*	*-0.0004*	*0.0209*	68	100	-	-	0	0	0	0	20	NMRPS	24	-	-	-
Plutonium-239/240	HASL-300:ISOPU	pCi/L	68	0	0	*-0.0342*	*-0.0033*	*0.0226*	68	100	-	-	0	0	0	0	20	NMRPS	24	-	-	-
Potassium-40	EPA:901.1	pCi/L	63	1	2	56.4	56.4	56.4	62	98	-	-	0	0	0	0	4000	NMRPS	24	-	-	-
Sodium-22	EPA:901.1	pCi/L	68	0	0	*-2.44*	*0.113*	*2.86*	68	100	-	-	0	0	0	0	6000	NMRPS	24	-	-	-
Strontium-90	EPA:905.0	pCi/L	68	0	0	*-0.281*	*0.0113*	*0.206*	68	100	-	-	0	0	0	0	8	MCL	24	-	-	-
Tritium	EPA:906.0	pCi/L	67	14	21	166	332.214	588	53	79	-	-	0	0	0	0	20000	MCL	21	-	-	-
Tritium	Generic:LLEE	pCi/L	110	75	68	0	4.69414	45.0532	35	32	-	-	0	0	0	0	20000	MCL	27	-	-	-
Uranium-234	HASL-300:ISOU	pCi/L	68	68	100	0.0747	0.90791	7.22	0	0	-	-	0	0	0	0	300	NMRPS	24	-	-	-
Uranium-235/Uranium-236	HASL-300:ISOU	pCi/L	68	22	32	0.0319	0.0952	0.359	46	68	-	-	0	0	0	0	-	-	24	-	-	-
Uranium-238	HASL-300:ISOU	pCi/L	68	67	99	0.0664	0.52175	4.4	1	1	-	-	0	0	0	0	300	NMRPS	24	-	-	-

Notes: See Table 1.7-1 for standard abbreviations and definitions.Values in italics represent statistics based on detection levels because analyte has not been detected at this location. A dash means none or no value.

Appendix C

Procedures, Methods, and
Investigation-Derived Waste Management

CONTENTS

Figure

Table

C-1.0 PROCEDURES FOR MEASURING GROUNDWATER LEVELS AND COLLECTING WATER SAMPLES UNDER THE INTERIM PLAN

This section summarizes LANL standard operating procedures currently used to measure groundwater levels and to collect groundwater, base-flow, and spring samples. These procedures are listed in the table below, and are summarized on subsequent pages. These procedures (or equivalent procedures) will be used during sampling activities conducted in accordance with the 2008 Interim Plan.

Procedure Identifier	Procedure Title	Applicability
Measurement of Groundwater Levels		
ENV-DO-202	Manual Groundwater Level Measurements	Obtaining groundwater water-level data
ENV-DO-201	Pressure Transducer Installation, Removal, and Maintenance	Groundwater-level program single screen wells
ENV-WQH SOP-064	Westbay Pressure Transducer Installation, Removal, and Maintenance	Groundwater-level program transducer operation
Collection of Groundwater Samples		
ENV-WQH SOP-048	Groundwater Sampling Using Bladder Pump	Groundwater sampling using bladder pump
ENV-WQH SOP-049	Groundwater Sampling Using Submersible Pumps	Groundwater sampling using a submersible pump
ENV-WQH SOP-050	Groundwater Sampling Using Westbay System	Groundwater sampling using the Westbay MP System
EP-ERSS-SOP-5111	Groundwater Sampling Using BARCAD System	Groundwater sampling using the BARCAD System
EP-ERSS-SOP-5112	Groundwater Sampling Using BASKI System	Groundwater sampling using BASKI System
EP-ERSS-SOP-5113	Groundwater Sampling Using a Bennett Pump	Groundwater sampling using a Bennett Pump
Collection of Base Flow and Spring Samples		
ENV-DO-204	Spring and Surface Water Sampling	Spring and base-flow sampling
ENV-WQH SOP-009	Operation and Maintenance of Stream Gauge Stations	Flow measurement of springs and surface water
Measuring Field Parameters		
ENV-DO-203	Field Water Quality Analyses	Measurement of field parameters
Sample Preparation, Preservation, and Transportation		
ENV-WQH SOP-066	Filtering and Chemical Preservation of Water Samples	Filtering procedures for water samples
ENV-DO-206	Sample Containers and Preservation	Sample container and preservation procedures and tables.
ENV-DO-207	Handling, Packaging, and Transporting Field Samples	Sample packaging and shipping
ENV-WQH QP-028	Creating and Maintaining Chain-of-Custody	Generating an analytical request and maintaining chain-of-custody of samples

C-2.0 BRIEF DESCRIPTION OF FIELD INVESTIGATION METHODS

Method	Summary
General	The objective is the collection of a "representative" sample of the current groundwater conditions for the well or from a spring and for base-flow samples. To meet this objective, sampling equipment, sampling method, monitoring well operation and maintenance, and sample handling procedures are implemented that are intended not to alter the chemistry of the sample.
Groundwater-Level Measurement Referenced Procedures: • ENV-DO-201, Pressure Transducer Installation, Removal, and Maintenance • ENV-DO-202, Manual Groundwater Level Measurements	• Prior to any site activity, a static water level is determined, using either a manual water- level tape or a pressure transducer. • For manual water levels, the measurement is taken from a permanent reference point. • The depth of water is used to determine purge volumes and in assessing the relationship of the water level to the pump and screen settings. • This information is documented in the Groundwater Sampling Field Sheet.
Groundwater Level Measurements Referenced Procedures: • ENV-DO-201, Pressure Transducer Installation, Removal, and Maintenance • ENV-DO-202, Manual Groundwater Level Measurements • ENV WQH SOP-064.1, Westbay Pressure Transducer Installation, Removal and Maintenance	• There are two types of methods used to collect water data. • Almost all wells in the water-level program will be instrumented with transducer equipment. The equipment is used to periodically measure water levels in individual wells at specified intervals and to record these values in memory for later retrieval. • There are two types of transducer equipment currently used in monitoring wells. ❖ "Compensated" or "gaged" pressure transducers have pressure sensors that are compensated for atmospheric pressure. When using these transducers, calculations of water depth above the transducer exclude atmospheric pressure considerations. Examples of compensated or gaged transducers include the standard In-Situ, Inc. miniTroll and Level-Troll transducers. ❖ The "absolute" or "uncompensated" pressure transducers measure absolute pressure (pounds per square inch absolute]) and are not compensated for atmospheric pressure. Pressure measurements from this type of transducer include atmospheric pressure as a component; therefore, atmospheric pressure must be subtracted from the absolute measurement to determine the pressure due to water. All transducers used with the Westbay MP multiple port monitoring system measure absolute pressure. • The manual measuring of a water level is used to confirm transducer readings and to physically measure the distance from the preestablished measuring point on a well to the water level in a well. An electric water-level meter is used to take a physical measurement. This meter consists of a flat graduated measurement tape attached to a weighted stainless steel probe containing an electrode, which emits an audible and visible signal when contact is made with water. The information collected from a manual water-level measurement is documented on the Groundwater Level Measurement Form.
Groundwater Sampling Using Submersible Pump Referenced Procedures: • ENV-DO-203, Field Water Quality Analyses.	• Wells to be sampled are equipped with a dedicated electrical submersible pump and discharge line. • All pumps and discharge lines are constructed of stainless steel. • The pumps are set at a sufficient depth below the water level where drawdown during pumping does not allow air to enter the pump.

Method	Summary
• ENV-DO-206, Sample Containers and Preservation • ENV-WQH SOP-049, Groundwater Sampling Using Submersible Pumps • ENV-SOP-066, Filtering and Chemical Preservation of Water Samples	• The pump rate during purging is adjusted so that excessive drawdown does not occur. • The discharge measurement will be made using the bucket and stopwatch method or an in-line flow meter. • Purge water is discharged under approved notice of intent (NOI) with New Mexico Environment Department (NMED) or containerized pending waste determination. • Wells equipped with submersible pumps will be purged sufficient to reach confidently into the aquifer. The purge duration will be a calculated duration based on pump rate, the saturated column in the borehole, filter-pack length, and aquifer properties as determined from existing aquifer tests. The purge requirements will be specific to each perched intermediate and regional well screen. Stable parameters over three consecutive readings will also be a goal once the minimum purge volume is met. • Water-quality parameters will be collected using the methods, instruments, and flow through cell indicated in Section C-3.0. • The frequency for collection of water-quality parameters and a water level is every 5 min for the first half hour and every 15–20 min thereafter. • Samples are collected directly from the pump discharge line as soon as practical after purging is complete, but later than 8 hours. • All samples will be collected directly into a container that has been specifically prepared for that given parameter. • Sample containers are precleaned to a “300 Series” (I-Chem, ESS) and are commercially available through a number of vendors. • The pump rate during sampling is adjusted to produce a smooth, constant flow rate and so that turbulent flow is not allowed during the filling of sample bottles. • Sample labels and documentation shall be completed for each sample following procedures referenced in this integrated management plan (IMP). • All samples shall be submitted to the Los Alamos National Laboratory (the Laboratory) in a timely manner to allow the analytical laboratory to conduct analyses within analytical method holding times. • New disposable gloves shall be used at each sampling site. • Signed and dated chain-of-custody seals shall be applied to each cooler prior to transport of samples from the site.
Groundwater Sampling Using Bladder Pumps Referenced Procedures: • ENV-DO-203, Field Water Quality Analyses. • ENV-DO-206, Sample Containers and Preservation • ENV-WQH SOP-048, Groundwater Sampling Using Bladder Pump	• Wells to be sampled are equipped with a dedicated bladder pump and discharge line. • All pumps are constructed of stainless steel/Teflon and the discharge lines are Teflon line tubing. • The pumps are set at a sufficient depth below the water level where drawdown during pumping does not allow air to enter the pump. • The pumps are operated using compressed nitrogen gas, and the pump rate during purging is adjusted so that excessive drawdown does not occur. • The discharge measurement will be made using the bucket and stopwatch method. • Purge water will be discharged under approved NOI with NMED or containerized pending waste determination. • Wells equipped with submersible pumps will be purged sufficient to reach confidently into the aquifer. The purge duration will be a calculated duration based on pump rate, the saturated column in the borehole, filter-pack length, and aquifer properties as determined from existing aquifer tests. The purge requirements will be specific to each perched intermediate and regional well

Method	Summary
	screen. Stable parameters over three consecutive readings will also be a goal once the minimum purge volume is met. • Water quality parameters will be collected using the methods, instruments, and flow through cell indicated in Section C-3.0. • The frequency for collection of water-quality parameters and a water level is every 5 min for the first half hour and every 10–15 min thereafter. • Samples are collected directly from the pump discharge line as soon as practical after purging is complete but no later than 8 h after purging is complete. • All samples will be collected directly into a container that has been specifically prepared for that given parameter. Sample containers are precleaned to a 300 Series (I-Chem, ESS) and are commercially available through a number of vendors. • The pump rate during sampling is adjusted to produce a smooth, constant flow rate and so that turbulent flow is not allowed during the filling of sample bottles. • No sampling equipment or material is reused, so there is no decontamination process for this activity. • Sample labels and documentation shall be completed for each sample following procedures referenced in this IMP. • All samples shall be submitted to the laboratory in a timely manner to allow the analytical laboratory to conduct analyses within analytical method holding times. • New disposable gloves shall be used at each sampling site. • Signed and dated chain-of-custody seals shall be applied to each cooler prior to transport of samples from the site.
Groundwater Sampling Using Westbay System Referenced Procedures: • ENV-DO-203, Field Water Quality Analyses. • ENV-DO-206, Sample Containers and Preservation • ENV-WQH SOP-050, Groundwater Sampling Using Westbay Sampling System • ENV-WQH SOP-064, Westbay Pressure Transducer Installation, Removal and Maintenance • ENV-SOP-066, Filtering and Chemical Preservation of Water Samples	• A number of wells are multicompletion and are outfitted with the Westbay MP System (see well table). The Westbay MP System is a modular multilevel groundwater monitoring system using a single closed access tube with valved ports. The valved ports are used to provide access to several different levels of a borehole through a single well casing. The modular design permits as many monitoring zones to be established as desired during well completion. This system also allows for sampling without purging the zone under normal aquifer conditions and takes samples at an in-situ pressure. • The Westbay MP System consists of casing components that are permanently installed in the final casing, portable pressure measurement and sampling probes, and specialized tools. The Westbay Sampling probe and sample containers are constructed of stainless steel. • The sampling probes are lowered to a precise port depth, and a sample is collected at that depth (see well status table). This sampling system is a nonpurge system. • Water-quality parameters are performed on each run and will be collected using the methods and instruments indicated in Section C-3.0. • All information during the collection of samples, sample runs, port pressures, field parameters will be documented on the Water Quality Sampling Record for Westbay Wells. • Since there is no purging of the well, no purge water is generated. • Residual water from the collection of field parameters will be discharged under approved NOI with NMED or containerized pending waste determination. • The sample probe and sample containers are the only equipment or materials that are reused, and these are cleaned between each port used with Alconox and at least three rinses of deionized water. This decon water

Method	Summary
	will be discharged under approved NOI with NMED or containerized pending waste determination. • Sample labels and documentation shall be completed for each sample following procedures referenced in this IMP. • All samples shall be submitted to the Laboratory in a timely manner to allow the analytical laboratory to conduct analyses within analytical method holding times. • New disposable gloves shall be used at each sampling site. • Signed and dated chain-of-custody seals shall be applied to each cooler prior to transport of samples from the site. • Samples are collected directly into the sampling probe's sample containers and as soon as they reach the surface, they are transferred directly into a container that has been specifically prepared for that given parameter. Sample containers are precleaned to a 300 Series (I-Chem, ESS) and are commercially available through a number of vendors.
Spring and Surface Water Sampling Referenced Procedures: • ENV-DO-203, Field Water Quality Analyses. • ENV-DO-204, Spring and Surface Water Sampling • ENV-DO-206, Sample Containers and Preservation • ENV-WQH SOP-009, Operation and Maintenance of Stream Gauge Stations	• Permanent surface water sampling sites may be identified by posts or permanent gaging stations. However, this may not be possible at some sites due to potential for public access, vandalism, or physical location (e.g., near a road). • Base flow and snowmelt samples shall be collected from running water. Alternatively, in some cases a project may require sampling pooled or ponded water. Samples shall be collected far enough upstream of a confluence so that the sample is not influenced by water from another stream. • Where flow conditions allow, a discharge measurement will be made using a current meter or Parshall flume. If the conditions do not allow for a physical measurement, then an estimated discharge will be provided and documented. • Spring sampling sites may be identified as similar to surface water locations. However, because of fluctuation of spring discharge, field personnel must choose where (or even whether) to sample springs in order to obtain a representative water sample. Upon arrival at the site, locate the spring and determine where/whether the spring should be sampled in accordance with the guidance developed from past experience, in the table "Sampling Site Approach and Considerations" as part of the referenced procedure. • If there is any question about whether a representative sample can be collected, attempt to contact the requestor before proceeding. • Always document in the field notes the rationale for choosing the sample location or for choosing not to sample. • In addition, two distinct spring discharge types have been observed and are often discussed: • One type is for those springs that discharge from a large grassy hillside with no one substantial source of flow and no significant depth of water. These springs do not issue from a point, but over a large area. To obtain a representative sample, collect it at a point where a strong flow occurs and a sample is not influenced by channel soils. • The other discharge type is over some length in a gully or steam channel. The collection point should be where a large pool forms in the drainage due to adjacent spring discharge. • A grab sample will be collected from the horizontal and vertical center of the channel in an area that provides good stream mixing. • If possible, samples will be collected directly into a container that has been specifically prepared for that given parameter. Otherwise, use a sample

Method	Summary
	bottle (glass or plastic depending on the type of sample being collected) or a peristaltic pump to transfer water into the sample container. • The sample containers used are precleaned to a 300 Series (I-Chem, ESS) and are commercially available through a number of vendors. • No sampling equipment or material is reused, so there is no decontamination process for this activity. • Sample labels and documentation shall be completed for each sample following procedures referenced in this IMP. • All samples shall be submitted to the laboratory in a timely manner to allow the analytical laboratory to conduct analyses within analytical method holding times. • New disposable gloves shall be used at each sampling site. • Signed and dated chain-of-custody seals shall be applied to each cooler prior to transport of samples from the site.
Sample bottles and preservation of samples Referenced Procedures: • ENV-DO-206, Sample Containers and Preservation • ENV-WQH, SOP-066, Filtering and Chemical Preservation of Water Samples	• All samples will be collected in a container that has been specifically prepared for that given parameter. • Sample containers are precleaned to a 300 Series (I-Chem, ESS) and are commercially available through a number of vendors. • The pump rate during sampling is adjusted to produce a smooth, constant flow rate and so that turbulent is not allowed during the filling of sample bottles. • For filtered samples ❖ in-line 0.45-micron (µm) disposable filter capsules, or ❖ in-line filter holders with a 0.45-µm filter membrane will be used for the collection of samples for analysis of dissolved constituents. • All samples will be preserved in following Environmental Protection Agency (EPA) guidance in SW-846 and/or 40 CFR 136 (see preservation table in procedure ENV-DO-206) immediately upon collection and, where applicable, the pH checked 15 min later to assess preservation.
Handling, Packaging, and Shipping of Samples Referenced Procedures: • ENV-DO-207, Handling, Packaging, and Transporting Field Samples	• In general, all samples are transported to the Sample Management Office (SMO) for shipment to off-site analytical laboratories. • After all samples are collected and preserved, the sample containers ❖ are wiped off and ❖ custody tape is applied before packaging. • The sampling personnel coordinate with the SMO concerning levels of radioactivity in the action-level or limited-quantity ranges.
Sample Documentation Referenced Procedures: • ENV-DO-204, Spring and Surface Water Sampling • ENV-WQH QP-028, Creating and Maintaining Chain-of- Custody • ENV-WQH SOP-009, Operation and Maintenance of Stream Gauge Stations • ENV-WQH SOP-049, Groundwater Sampling Using Submersible Pumps	• The requested parameters, preservation and bottle type, chain-of-custody, required field parameters, and any other additional information are included on the Analytical Request generated from the database. • Chain-of-custody is documented on the Analytical Request and signed to verify that the samples were not left unattended. • All field information, date and time of sample, purging and final field parameters, field conditions, sampling personnel are included in the specific sampling method field sheet.

<table>
<tr><th>Method</th><th>Summary</th></tr>
<tr><td>ENV-WQH SOP-048, Groundwater Sampling Using Bladder Pump
ENV-WQH SOP-050, Groundwater Sampling Using Westbay Sampling System</td><td></td></tr>
<tr><td>Field Quality Control Samples
Referenced Procedures:
ENV-WQH, QP-028, Creating and Maintaining Chain-of-Custody</td><td>Field-quality control samples are collected as directed in the Compliance Order on Consent as follows:
Field Duplicate: At a frequency of 10%; collected at the same time as a regular sample and submitted for the same analyses
Equipment Rinsate Blank: At a frequency of 10%; collected by rinsing sampling equipment with deionized water, which is collected in a sample container and submitted for laboratory analysis.
Trip Blanks: Required for all field events that include the collection of samples for volatile organic compound (VOC) analysis.
Trip blanks containers of certified clean sand that are opened and kept with the other sample containers during the sampling process.</td></tr>
</table>

C-3.0 INSTRUMENT MEASUREMENTS

Field Parameter	Method Description	EPA-Approved Methods	Field Instrument(s)	Flow-Through Cell Used/Type	Description
pH	Hydrogen ion, pH (pH units): Electrometric measurement	EPA Method 150.1 Standard Methods, 4500-H$^+$ B Editions 18^{th}, 19^{th}, 20^{th}	Beckman 255 or YSI 556 Multiprobe	Geotech Multiprobe Flowcell Sampling System or YSI 556 cell	Samples will be analyzed for pH and temperature as soon as possible in the field using a flow-through cell during well purging and at the time of sample collection. The listed instruments are commercially available with a temperature sensor for automatic compensation. A calibration check is performed on the meter using the manufacturer's instructions with standard buffers traceable to National Institute of Standards and Technology and recorded. Standards are purchased from commercial vendors.
Temperature	Temperature Thermometric, (C^o)	EPA Method 170.1 Standard Methods, 2550 B Editions 18^{th}, 19^{th}, 20^{th}	Beckman 255 (pH meter parameter) or YSI 556 Multiprobe	Geotech Multiprobe Flowcell Sampling System or YSI 556 cell	Samples will be analyzed for temperature concurrently with pH measurement as soon as possible in the field using a flow-through cell during well purging and at the time of sample collection. The listed instruments are commercially available with a temperature sensor for automatic compensation.
Specific Conductance	Electrical Conductance, (micromhos/cm at 25^{o}C): Wheatstone bridge	EPA Method 120.1 Standard Methods, 2510 B Editions 18th, 19th, 20th	Hach Sension 5 or YSI 556 Multiprobe	Geotech Multiprobe Flowcell Sampling System or YSI 556 cell	Samples will be analyzed for specific conductance as soon as possible in the field using a flow-through cell during well purging and at the time of sample collection. The listed instruments are commercially available with a temperature sensor for automatic compensation. A calibration check is performed on the meter using the manufacturer's instructions with standard buffers traceable to NIST and is recorded. Standards are purchased from commercial vendors.
Dissolved Oxygen	Oxygen, Dissolved, (mg/L): Electrode	EPA Method 360.1 Standard Methods, 4500-O G Editions 18th, 19th, 20th	WTW Oxi 330i or YSI 85/10ft or YSI 556 Multiprobe	Geotech Multiprobe Flowcell Sampling System or YSI 556 cell	Samples will be analyzed for dissolved oxygen as soon as possible in the field using a flow-through cell during well purging and at the time of sample collection. The listed instruments are commercially available with a temperature sensor for automatic compensation. The meter is calibrated using the manufacturer's instructions and is recorded.

Field Parameter	Method Description	EPA-Approved Methods	Field Instrument(s)	Flow-Through Cell Used/Type	Description
Turbidity	Turbidity, (NTU): Nephelometric	EPA Method 180.1 Standard Methods, 2130 B Editions 18th, 19th, 20th	Hach 2100P	Single sample aliquot application	Samples will be analyzed for turbidity as soon as possible in the field using a single aliquot during well purging and at the time of sample collection. The listed instrument is commercially available and a calibration check is performed on the meter using the manufacturer’s instructions.
Redox Potential	Reduction-Oxidation Potential-Electrode Method	Standard Methods, 2580 A Editions 18th, 19th, 20th	Orion 230A or Thermo Orion 250A or YSI 556 Multiprobe	Geotech Multiprobe Flowcell Sampling System or YSI 556 cell	Samples will be analyzed for oxygen-reduction potential (ORP) as soon as possible in the field using a flow-through cell during well purging and at the time of sample collection. The listed instruments are commercially available with a temperature sensor for automatic compensation. A calibration check is performed on the meter using the manufacturer’s instructions and is recorded. ORP will not be collected in surface water, springs, and alluvial groundwater because of the unreliability of that measurement in those media.

C-4.0 ANALYTICAL METHODS—GROUNDWATER ANALYTICAL SUITES

Analyte	Analytical Method	Method Description	Method Detection Limit	Units	Practical Quantitation Limit	Units
Dioxin and Furans						
Heptachlorodibenzodioxin[1,2,3,4,6,7,8-]	EPA:1613B or 8290	Dioxins/Furans by HRMS	1.5	pg/L	50	pg/L
Heptachlorodibenzofuran[1,2,3,4,6,7,8-]	EPA:1613B or 8290	Dioxins/Furans by HRMS	2.4	pg/L	50	pg/L
Heptachlorodibenzofuran[1,2,3,4,7,8,9-]	EPA:1613B or 8290	Dioxins/Furans by HRMS	1.8	pg/L	50	pg/L
Hexachlorodibenzodioxin[1,2,3,4,7,8-]	EPA:1613B or 8290	Dioxins/Furans by HRMS	1.5	pg/L	50	pg/L
Hexachlorodibenzodioxin[1,2,3,6,7,8-]	EPA:1613B or 8290	Dioxins/Furans by HRMS	1.3	pg/L	50	pg/L
Hexachlorodibenzodioxin[1,2,3,7,8,9-]	EPA:1613B or 8290	Dioxins/Furans by HRMS	1.3	pg/L	50	pg/L
Hexachlorodibenzofuran[1,2,3,4,7,8-]	EPA:1613B or 8290	Dioxins/Furans by HRMS	2.2	pg/L	50	pg/L
Hexachlorodibenzofuran[1,2,3,6,7,8-]	EPA:1613B or 8290	Dioxins/Furans by HRMS	0.96	pg/L	50	pg/L
Hexachlorodibenzofuran[1,2,3,7,8,9-]	EPA:1613B or 8290	Dioxins/Furans by HRMS	2.5	pg/L	50	pg/L
Hexachlorodibenzofuran[2,3,4,6,7,8-]	EPA:1613B or 8290	Dioxins/Furans by HRMS	2.2	pg/L	50	pg/L
Octachlorodibenzodioxin[1,2,3,4,6,7,8,9-]	EPA:1613B or 8290	Dioxins/Furans by HRMS	3.7	pg/L	100	pg/L
Octachlorodibenzofuran[1,2,3,4,6,7,8,9-]	EPA:1613B or 8290	Dioxins/Furans by HRMS	4.7	pg/L	100	pg/L
Pentachlorodibenzodioxin[1,2,3,7,8-]	EPA:1613B or 8290	Dioxins/Furans by HRMS	1.9	pg/L	50	pg/L
Pentachlorodibenzofuran[1,2,3,7,8-]	EPA:1613B or 8290	Dioxins/Furans by HRMS	2.6	pg/L	50	pg/L
Pentachlorodibenzofuran[2,3,4,7,8-]	EPA:1613B or 8290	Dioxins/Furans by HRMS	3.4	pg/L	50	pg/L
Tetrachlorodibenzodioxin[2,3,7,8-]	EPA:1613B or 8290	Dioxins/Furans by HRMS	3.4	pg/L	10	pg/L
Tetrachlorodibenzofuran[2,3,7,8-]	EPA:1613B or 8290	Dioxins/Furans by HRMS	3	pg/L	10	pg/L
Field						
Dissolved Oxygen	Field Measurement	Spectrophotometer	n/a[a]	mg/L	1	mg/L
pH	Field Measurement	Potentiometric meter	n/a	pH units	0.1	SU
Specific Conductance	Field Measurement	EC[b] meter using bridge	n/a	micromhos/cm at 25°C	1	US/cm
Temperature	Field Measurement	Thermocouple	n/a	C°	1	C
Turbidity	Field Measurement	Turbidity meter (attenuation cell)	n/a	NTU	0.1	NTU

Analyte	Analytical Method	Method Description	Method Detection Limit	Units	Practical Quantitation Limit	Units
General Inorganic						
Perchlorate	SW-846:6850	HPLC/MS/MS[c]	n/a	n/a	0.2	µg/L
Specific Conductance	EPA:120.1	EC meter	n/a	n/a	n/a	n/a
Total Dissolved Solids	EPA:160.1	Gravimetric	n/a	n/a	n/a	n/a
pH	EPA:150.1	pH meter	n/a	pH units	n/a	n/a
Suspended Sediment Concentration	EPA:160.2	Gravimetric	n/a	n/a	n/a	n/a
Bromide	EPA:300	Inductively Coupled	0.041	mg/L	0.2	mg/L
Chloride	EPA:300	Inductively Coupled	0.053	mg/L	0.2	mg/L
Fluoride	EPA:300	Inductively Coupled	0.03	mg/L	0.1	mg/L
Orthophosphate	EPA:300	Inductively Coupled	0.038	mg/L	0.2	mg/L
Sulfate	EPA:300	Inductively Coupled	0.057	mg/L	0.4	mg/L
Alkalinity-CO3	EPA:310.1	Titrimetric	0.725	mg/L	1	mg/L
Alkalinity-CO3+HCO3	EPA:310.1	Titrimetric	0.725	mg/L	1	mg/L
Cyanide (Total)	EPA:335.3	Colorimetry	0.0025	mg/L	0.005	mg/L
Ammonia as Nitrogen	EPA:350.1	Colorimetry	0.01	mg/L	0.05	mg/L
Total Kjeldahl Nitrogen	EPA:351.2	Colorimetry	0.01	mg/L	0.1	mg/L
Nitrate-Nitrite as N	EPA:353.1	Colorimetry	0.01	mg/L	0.1	mg/L
Total Phosphate as Phosphorus	EPA:365.4	Colorimetry	0.01	mg/L	0.05	mg/L
Hardness	SM:A2340B	Calculation	1	mg/L	2	mg/L
Calcium	SW-846:6010B	ICPES[d]	36	µg/L	100	µg/L
Magnesium	SW-846:6010B	ICPES	85	µg/L	300	µg/L
Potassium	SW-846:6010B	ICPES	50	µg/L	150	µg/L
Silicon Dioxide	SW-846:6010B	ICPES	15	µg/L	100	µg/L
Sodium	SW-846:6010B	ICPES	45	µg/L	150	µg/L
High Explosives (General Engineering Laboratory) Consent Order List						
2,4-Diamino-6-nitrotoluene	SW-846:8321A_MOD	HPLC/MS/MS	0.39	µg/L	1.3	µg/L
2,6-Diamino-4-nitrotoluene	SW-846:8321A_MOD	HPLC/MS/MS	0.39	µg/L	1.3	µg/L

Analyte	Analytical Method	Method Description	Method Detection Limit	Units	Practical Quantitation Limit	Units
3,5-dinitroaniline	SW-846:8321A_MOD	HPLC/MS/MS	1.3	µg/L	2.6	µg/L
Amino-2,6-dinitrotoluene[4-]	SW-846:8321A_MOD	HPLC/MS/MS	0.065	µg/L	0.325	µg/L
Amino-4,6-dinitrotoluene[2-]	SW-846:8321A_MOD	HPLC/MS/MS	0.065	µg/L	0.325	µg/L
Dinitrobenzene[1,3-]	SW-846:8321A_MOD	HPLC/MS/MS	0.065	µg/L	0.325	µg/L
Dinitrotoluene[2,4-]	SW-846:8321A_MOD	HPLC/MS/MS	0.078	µg/L	0.325	µg/L
Dinitrotoluene[2,6-]	SW-846:8321A_MOD	HPLC/MS/MS	0.065	µg/L	0.325	µg/L
HMX	SW-846:8321A_MOD	HPLC/MS/MS	0.0845	µg/L	0.325	µg/L
Nitrobenzene	SW-846:8321A_MOD	HPLC/MS/MS	0.065	µg/L	0.325	µg/L
Nitrotoluene[2-]	SW-846:8321A_MOD	HPLC/MS/MS	0.13	µg/L	0.325	µg/L
Nitrotoluene[3-]	SW-846:8321A_MOD	HPLC/MS/MS	0.13	µg/L	0.325	µg/L
Nitrotoluene[4-]	SW-846:8321A_MOD	HPLC/MS/MS	0.169	µg/L	0.65	µg/L
PETN	SW-846:8321A_MOD	HPLC/MS/MS	0.52	µg/L	1.3	µg/L
RDX	SW-846:8321A_MOD	HPLC/MS/MS	0.065	µg/L	0.325	µg/L
TATB	SW-846:8321A_MOD	HPLC/MS/MS	0.819	µg/L	1.3	µg/L
Tetryl	SW-846:8321A_MOD	HPLC/MS/MS	0.1625	µg/L	0.65	µg/L
Trinitrobenzene[1,3,5-]	SW-846:8321A_MOD	HPLC/MS/MS	0.078	µg/L	0.325	µg/L
Trinitrotoluene[2,4,6-]	SW-846:8321A_MOD	HPLC/MS/MS	0.065	µg/L	0.325	µg/L
Tri-o-cresylphosphate (TOCP)	SW-846:8321A_MOD	HPLC/MS/MS	0.13	µg/L	1.3	µg/L
High Explosives (Severn Trent Laboratory) RDX Degradation List						
MNX	SW-846:8330	HPLC[e]	0.07	µg/L	0.5	µg/L
DNX	SW-846:8330	HPLC	0.034	µg/L	0.5	µg/L
TNX	SW-846:8330	HPLC	0.041	µg/L	0.5	µg/L
Metals						
Aluminum	SW-846:6010B	ICPES	68	µg/L	200	µg/L
Arsenic	SW-846:6020	ICPMS	2	µg/L	5	µg/L
Barium	SW-846:6010B	ICPES	1	µg/L	5	µg/L
Beryllium	SW-846:6010B	ICPES	1	µg/L	5	µg/L

Analyte	Analytical Method	Method Description	Method Detection Limit	Units	Practical Quantitation Limit	Units
Boron	SW-846:6010B	ICPES	10	µg/L	50	µg/L
Chromium	SW-846:6020	ICPMS	1	µg/L	5	µg/L
Cobalt	SW-846:6010B	ICPES	1	µg/L	5	µg/L
Copper	SW-846:6010B	ICPES	3	µg/L	10	µg/L
Iron	SW-846:6010B	ICPES	18	µg/L	100	µg/L
Manganese	SW-846:6010B	ICPES	2	µg/L	10	µg/L
Mercury	SW846:7470A	CVAA[f]	0.05	µg/L	0.2	µg/L
Molybdenum	SW-846:6020	ICPMS	2	µg/L	10	µg/L
Strontium	SW-846:6010B	ICPES	1	µg/L	5	µg/L
Tin	SW-846:6010B	ICPES	2.5	µg/L	10	ug/L
Vanadium	SW-846:6010B	ICPES	1	µg/L	5	ug/L
Zinc	SW-846:6010B	ICPES	2	ug/L	10	ug/L
Antimony	SW-846:6020	ICPMS[g]	0.5	ug/L	2	µg/L
Cadmium	SW-846:6020	ICPMS	0.1	µg/L	1	µg/L
Lead	SW-846:6020	ICPMS	0.5	µg/L	2	µg/L
Nickel	SW-846:6020	ICPMS	0.5	µg/L	2	µg/L
Selenium	SW-846:6020	ICPMS	2.5	µg/L	5	µg/L
Silver	SW-846:6020	ICPMS	0.2	µg/L	1	µg/L
Thallium	SW-846:6020	ICPMS	0.4	µg/L	1	µg/L
Uranium	SW-846:6020	ICPMS	0.05	µg/L	0.1	µg/L
PCBs						
Aroclor-1016	SW-846:8082	GC ECD[h]	0.0875	µg/L	0.5	µg/L
Aroclor-1221	SW-846:8082	GC ECD	0.4165	µg/L	0.5	µg/L
Aroclor-1232	SW-846:8082	GC ECD	0.19	µg/L	0.5	µg/L
Aroclor-1242	SW-846:8082	GC ECD	0.222	µg/L	0.5	µg/L
Aroclor-1248	SW-846:8082	GC ECD	0.135	µg/L	0.5	µg/L
Aroclor-1254	SW-846:8082	GC ECD	0.127	µg/L	0.5	µg/L

Analyte	Analytical Method	Method Description	Method Detection Limit	Units	Practical Quantitation Limit	Units
Aroclor-1260	SW-846:8082	GC ECD	0.067	µg/L	0.5	µg/L
Aroclor-1262	SW-846:8082	GC ECD	0.0935	µg/L	0.5	µg/L
Pesticides						
Aldrin	SW-846:8081A	GC ECD	0.005	µg/L	0.02	µg/L
BHC[alpha-]	SW-846:8081A	GC ECD	0.005	µg/L	0.02	µg/L
BHC[beta-]	SW-846:8081A	GC ECD	0.005	µg/L	0.02	µg/L
BHC[delta-]	SW-846:8081A	GC ECD	0.005	µg/L	0.02	µg/L
BHC[gamma-]	SW-846:8081A	GC ECD	0.005	µg/L	0.02	µg/L
Chlordane[alpha-]	SW-846:8081A	GC ECD	0.005	µg/L	0.02	µg/L
Chlordane[gamma-]	SW-846:8081A	GC ECD	0.005	µg/L	0.02	µg/L
DDD[4,4'-]	SW-846:8081A	GC ECD	0.01	µg/L	0.04	µg/L
DDE[4,4'-]	SW-846:8081A	GC ECD	0.01	µg/L	0.04	µg/L
DDT[4,4'-]	SW-846:8081A	GC ECD	0.015	µg/L	0.04	µg/L
Dieldrin	SW-846:8081A	GC ECD	0.015	µg/L	0.04	µg/L
Endosulfan I	SW-846:8081A	GC ECD	0.005	µg/L	0.02	µg/L
Endosulfan II	SW-846:8081A	GC ECD	0.011	µg/L	0.04	µg/L
Endosulfan Sulfate	SW-846:8081A	GC ECD	0.00625	µg/L	0.04	µg/L
Endrin	SW-846:8081A	GC ECD	0.005	µg/L	0.04	µg/L
Endrin Aldehyde	SW-846:8081A	GC ECD	0.01	µg/L	0.04	µg/L
Endrin Ketone	SW-846:8081A	GC ECD	0.01	µg/L	0.04	µg/L
Heptachlor	SW-846:8081A	GC ECD	0.005	µg/L	0.02	µg/L
Heptachlor Epoxide	SW-846:8081A	GC ECD	0.0075	µg/L	0.02	µg/L
Methoxychlor[4,4'-]	SW-846:8081A	GC ECD	0.05	µg/L	0.2	µg/L
Toxaphene (Technical Grade)	SW-846:8081A	GC ECD	0.125	µg/L	1	µg/L
Radionuclides						
Gross alpha	EPA:900	Alpha Proportional Counting	n/a	n/a	3	pCi/L
Gross beta	EPA:900	Beta Proportional Counting	n/a	n/a	3	pCi/L

Analyte	Analytical Method	Method Description	Method Detection Limit	Units	Practical Quantitation Limit	Units
Cesium-137	EPA:901.1	Gamma Spectroscopy	n/a	n/a	8	pCi/L
Cobalt-60	EPA:901.1	Gamma Spectroscopy	n/a	n/a	8	pCi/L
Gross gamma	EPA:901.1	Gamma Spectroscopy	n/a	n/a	120	pCi/L
Neptunium-237	EPA:901.1	Gamma Spectroscopy	n/a	n/a	10	pCi/L
Potassium-40	EPA:901.1	Gamma Spectroscopy	n/a	n/a	10	pCi/L
Sodium-22	EPA:901.1	Gamma Spectroscopy	n/a	n/a	10	pCi/L
Strontium-90	EPA:905.0	Beta Proportional Counting	n/a	n/a	0.5	pCi/L
Tritium	EPA:906.0	LSC[i]	n/a	n/a	200	pCi/L
Tritium Low Level	Generic:LLEE[j]	Electrolytic Enrichment	n/a	n/a	1	pCi/L
Americium-241	HASL-300:AM-241	Alpha Spectroscopy	n/a	n/a	0.05	pCi/L
Plutonium-238	HASL-300:ISOPU	Alpha Spectroscopy	n/a	n/a	0.05	pCi/L
Plutonium-239/240	HASL-300:ISOPU	Alpha Spectroscopy	n/a	n/a	0.05	pCi/L
Uranium-234	HASL-300:ISOU	Alpha Spectroscopy	n/a	n/a	1	pCi/L
Uranium-235/236	HASL-300:ISOU	Alpha Spectroscopy	n/a	n/a	1	pCi/L
Uranium-238	HASL-300:ISOU	Alpha Spectroscopy	n/a	n/a	0.5	pCi/L
Semivolatile Organic Compounds						
Acenaphthene	SW-846:8270C	GCMS[k]	0.31	µg/L	1	µg/L
Acenaphthylene	SW-846:8270C	GCMS	0.2	µg/L	1	µg/L
Aniline	SW-846:8270C	GCMS	2.5	µg/L	10	µg/L
Anthracene	SW-846:8270C	GCMS	0.2	µg/L	1	µg/L
Atrazine	SW-846:8270C	GCMS	2	µg/L	10	µg/L
Azobenzene	SW-846:8270C	GCMS	2	µg/L	10	µg/L
Benzidine	SW-846:8270C	GCMS	2	µg/L	50	µg/L
Benzo(a)anthracene	SW-846:8270C	GCMS	0.2	µg/L	1	µg/L
Benzo(a)pyrene	SW-846:8270C	GCMS	0.2	µg/L	1	µg/L
Benzo(b)fluoranthene	SW-846:8270C	GCMS	0.2	µg/L	1	µg/L
Benzo(g,h,i)perylene	SW-846:8270C	GCMS	0.2	µg/L	1	µg/L

Analyte	Analytical Method	Method Description	Method Detection Limit	Units	Practical Quantitation Limit	Units
Benzo(k)fluoranthene	SW-846:8270C	GCMS	0.2	µg/L	1	µg/L
Benzoic Acid	SW-846:8270C	GCMS	6	µg/L	20	µg/L
Benzyl Alcohol	SW-846:8270C	GCMS	2	µg/L	10	µg/L
Bis(2-chloroethoxy)methane	SW-846:8270C	GCMS	3	µg/L	10	µg/L
Bis(2-chloroethyl)ether	SW-846:8270C	GCMS	2	µg/L	10	µg/L
Bis(2-ethylhexyl)phthalate	SW-846:8270C	GCMS	2	µg/L	10	µg/L
Bromophenyl-phenylether[4-]	SW-846:8270C	GCMS	2	µg/L	10	µg/L
Butylbenzylphthalate	SW-846:8270C	GCMS	2	µg/L	10	µg/L
Chloro-3-methylphenol[4-]	SW-846:8270C	GCMS	2	µg/L	10	µg/L
Chloroaniline[4-]	SW-846:8270C	GCMS	2	µg/L	10	µg/L
Chloronaphthalene[2-]	SW-846:8270C	GCMS	0.35	µg/L	1	µg/L
Chlorophenol[2-]	SW-846:8270C	GCMS	2	µg/L	10	µg/L
Chlorophenyl-phenyl[4-] Ether	SW-846:8270C	GCMS	2	µg/L	10	µg/L
Chrysene	SW-846:8270C	GCMS	0.2	µg/L	1	µg/L
Dibenz(a,h)anthracene	SW-846:8270C	GCMS	0.2	µg/L	1	µg/L
Dibenzofuran	SW-846:8270C	GCMS	2	µg/L	10	µg/L
Dichlorobenzene[1,2-]	SW-846:8270C	GCMS	2	µg/L	10	µg/L
Dichlorobenzene[1,3-]	SW-846:8270C	GCMS	2	µg/L	10	µg/L
Dichlorobenzene[1,4-]	SW-846:8270C	GCMS	2	µg/L	10	µg/L
Dichlorobenzidine[3,3'-]	SW-846:8270C	GCMS	1	µg/L	10	µg/L
Dichlorophenol[2,4-]	SW-846:8270C	GCMS	2	µg/L	10	µg/L
Diethylphthalate	SW-846:8270C	GCMS	2	µg/L	10	µg/L
Dimethyl Phthalate	SW-846:8270C	GCMS	2	µg/L	10	µg/L
Dimethylphenol[2,4-]	SW-846:8270C	GCMS	2	µg/L	10	µg/L
Di-n-butylphthalate	SW-846:8270C	GCMS	2	µg/L	10	µg/L
Dinitro-2-methylphenol[4,6-]	SW-846:8270C	GCMS	3	µg/L	10	µg/L
Dinitrophenol[2,4-]	SW-846:8270C	GCMS	10	µg/L	20	µg/L

Analyte	Analytical Method	Method Description	Method Detection Limit	Units	Practical Quantitation Limit	Units
Dinitrotoluene[2,4-]	SW-846:8270C	GCMS	2	µg/L	10	µg/L
Dinitrotoluene[2,6-]	SW-846:8270C	GCMS	2	µg/L	10	µg/L
Di-n-octylphthalate	SW-846:8270C	GCMS	3	µg/L	10	µg/L
Dinoseb	SW-846:8270C	GCMS	2	µg/L	10	µg/L
Diphenylamine	SW-846:8270C	GCMS	3	µg/L	10	µg/L
Fluoranthene	SW-846:8270C	GCMS	0.2	µg/L	1	µg/L
Fluorene	SW-846:8270C	GCMS	0.2	µg/L	1	µg/L
Hexachlorobenzene	SW-846:8270C	GCMS	2	µg/L	10	µg/L
Hexachlorobutadiene	SW-846:8270C	GCMS	2	µg/L	10	µg/L
Hexachlorocyclopentadiene	SW-846:8270C	GCMS	2	µg/L	10	µg/L
Hexachloroethane	SW-846:8270C	GCMS	2	µg/L	10	µg/L
Indeno(1,2,3-cd)pyrene	SW-846:8270C	GCMS	0.2	µg/L	1	µg/L
Isophorone	SW-846:8270C	GCMS	2	µg/L	10	µg/L
Methylnaphthalene[1-]	SW-846:8270C	GCMS	0.3	µg/L	1	µg/L
Methylnaphthalene[2-]	SW-846:8270C	GCMS	0.3	µg/L	1	µg/L
Methylphenol[2-]	SW-846:8270C	GCMS	2	µg/L	10	µg/L
Methylphenol[3-,4-]	SW-846:8270C	GCMS	3	µg/L	10	µg/L
naphthalene	SW-846:8270C	GCMS	0.3	µg/L	1	µg/L
Nitroaniline[2-]	SW-846:8270C	GCMS	2	µg/L	10	µg/L
Nitroaniline[3-]	SW-846:8270C	GCMS	2	µg/L	10	µg/L
Nitroaniline[4-]	SW-846:8270C	GCMS	2	µg/L	10	µg/L
Nitrobenzene	SW-846:8270C	GCMS	3	µg/L	10	µg/L
Nitrophenol[2-]	SW-846:8270C	GCMS	2	µg/L	10	µg/L
Nitrophenol[4-]	SW-846:8270C	GCMS	2	µg/L	10	µg/L
Nitrosodiethylamine[N-]	SW-846:8270C	GCMS	2	µg/L	10	µg/L
Nitrosodimethylamine[N-]	SW-846:8270C	GCMS	2	µg/L	10	µg/L
Nitroso-di-n-butylamine[N-]	SW-846:8270C	GCMS	2	µg/L	10	µg/L

Analyte	Analytical Method	Method Description	Method Detection Limit	Units	Practical Quantitation Limit	Units
Nitroso-di-n-propylamine[N-]	SW-846:8270C	GCMS	2	µg/L	10	µg/L
Nitrosopyrrolidine[N-]	SW-846:8270C	GCMS	2	µg/L	10	µg/L
Oxybis(1-chloropropane)[2,2'-]	SW-846:8270C	GCMS	2	µg/L	10	µg/L
Pentachlorobenzene	SW-846:8270C	GCMS	2	µg/L	10	µg/L
Pentachlorophenol	SW-846:8270C	GCMS	2	µg/L	10	µg/L
Phenanthrene	SW-846:8270C	GCMS	0.2	µg/L	1	µg/L
Phenol	SW-846:8270C	GCMS	1	µg/L	10	µg/L
Pyrene	SW-846:8270C	GCMS	0.3	µg/L	1	µg/L
Tetrachlorobenzene[1,2,4,5-]	SW-846:8270C	GCMS	2	µg/L	10	µg/L
Tetrachlorophenol[2,3,4,6-]	SW-846:8270C	GCMS	2	µg/L	10	µg/L
Trichlorobenzene[1,2,4-]	SW-846:8270C	GCMS	2	µg/L	10	µg/L
Trichlorophenol[2,4,5-]	SW-846:8270C	GCMS	1	µg/L	10	µg/L
Trichlorophenol[2,4,6-]	SW-846:8270C	GCMS	2	µg/L	10	µg/L
Stable Isotopes						
Carbon-12/Carbon-13 Ratio	USGS	Isotope Ratio Mass Spectroscopy	n/a	n/a	n/a	n/a
Deuterium Ratio	USGS	Isotope Ratio Mass Spectroscopy	n/a	n/a	n/a	n/a
Nitrogen-15/Nitrogen-14 Ratio	USGS	Isotope Ratio Mass Spectroscopy	n/a	n/a	n/a	n/a
Oxygen-18/Oxygen-16 Ratio	USGS	Isotope Ratio Mass Spectroscopy	n/a	n/a	n/a	n/a
Volatile Organic Compounds						
Acetone	SW-846:8260B	GCMS	1.25	µg/L	5	µg/L
Acetonitrile	SW-846:8260B	GCMS	6.25	µg/L	25	µg/L
Acrolein	SW-846:8260B	GCMS	3	µg/L	5	µg/L
Acrylonitrile	SW-846:8260B	GCMS	1	µg/L	5	µg/L
Benzene	SW-846:8260B	GCMS	0.3	µg/L	1	µg/L
Bromobenzene	SW-846:8260B	GCMS	0.25	µg/L	1	µg/L
Bromochloromethane	SW-846:8260B	GCMS	0.3	µg/L	1	µg/L
Bromodichloromethane	SW-846:8260B	GCMS	0.25	µg/L	1	µg/L

Analyte	Analytical Method	Method Description	Method Detection Limit	Units	Practical Quantitation Limit	Units
Bromoform	SW-846:8260B	GCMS	0.25	µg/L	1	µg/L
Bromomethane	SW-846:8260B	GCMS	0.5	µg/L	1	µg/L
Butanone[2-]	SW-846:8260B	GCMS	1.25	µg/L	5	µg/L
Butylbenzene[n-]	SW-846:8260B	GCMS	0.25	µg/L	1	µg/L
Butylbenzene[sec-]	SW-846:8260B	GCMS	0.25	µg/L	1	µg/L
Butylbenzene[tert-]	SW-846:8260B	GCMS	0.25	µg/L	1	µg/L
Carbon Disulfide	SW-846:8260B	GCMS	1.25	µg/L	5	µg/L
Carbon Tetrachloride	SW-846:8260B	GCMS	0.25	µ/L	1	µg/L
Chloro-1,3-butadiene[2-]	SW-846:8260B	GCMS	0.3	µg/L	1	µg/L
Chloro-1-propene[3-]	SW-846:8260B	GCMS	3.7	µg/L	5	µg/L
Chlorobenzene	SW-846:8260B	GCMS	0.25	µg/L	1	µg/L
Chlorodibromomethane	SW-846:8260B	GCMS	0.25	µg/L	1	µg/L
Chloroethane	SW-846:8260B	GCMS	0.5	µg/L	1	µg/L
Chloroform	SW-846:8260B	GCMS	0.25	µg/L	1	µg/L
Chloromethane	SW-846:8260B	GCMS	0.5	µg/L	1	µg/L
Chlorotoluene[2-]	SW-846:8260B	GCMS	0.25	µg/L	1	µg/L
Chlorotoluene[4-]	SW-846:8260B	GCMS	0.25	µg/L	1	µg/L
Dibromo-3-Chloropropane[1,2-]	SW-846:8260B	GCMS	0.5	µg/L	1	µg/L
Dibromoethane[1,2-]	SW-846:8260B	GCMS	0.25	µg/L	1	µg/L
Dibromomethane	SW-846:8260B	GCMS	0.3	µg/L	1	µg/L
Dichlorobenzene[1,2-]	SW-846:8260B	GCMS	0.25	µg/L	1	µg/L
Dichlorobenzene[1,3-]	SW-846:8260B	GCMS	0.25	µg/L	1	µg/L
Dichlorobenzene[1,4-]	SW-846:8260B	GCMS	0.25	µg/L	1	µg/L
Dichlorodifluoromethane	SW-846:8260B	GCMS	0.5	µg/L	1	µg/L
Dichloroethane[1,1-]	SW-846:8260B	GCMS	0.3	µg/L	1	µg/L
Dichloroethane[1,2-]	SW-846:8260B	GCMS	0.25	µg/L	1	µg/L
Dichloroethene[1,1-]	SW-846:8260B	GCMS	0.3	µg/L	1	µg/L

Analyte	Analytical Method	Method Description	Method Detection Limit	Units	Practical Quantitation Limit	Units
Dichloroethene[cis-1,2-]	SW-846:8260B	GCMS	0.3	µg/L	1	µg/L
Dichloroethene[trans-1,2-]	SW-846:8260B	GCMS	0.3	µg/L	1	µg/L
Dichloropropane[1,2-]	SW-846:8260B	GCMS	0.25	µg/L	1	µg/L
Dichloropropane[1,3-]	SW-846:8260B	GCMS	0.25	µg/L	1	µg/L
Dichloropropane[2,2-]	SW-846:8260B	GCMS	0.3	µg/L	1	µg/L
Dichloropropene[1,1-]	SW-846:8260B	GCMS	0.25	µg/L	1	µg/L
Dichloropropene[cis-1,3-]	SW-846:8260B	GCMS	0.25	µg/L	1	µg/L
Dichloropropene[trans-1,3-]	SW-846:8260B	GCMS	0.25	µg/L	1	µg/L
Dioxane[1,4-]	SW-846:8260B	GCMS	20	µg/L	50	µg/L
Ethyl Methacrylate	SW-846:8260B	GCMS	1	µg/L	5	µg/L
Ethylbenzene	SW-846:8260B	GCMS	0.25	µg/L	1	µg/L
Hexachlorobutadiene	SW-846:8260B	GCMS	0.25	µg/L	1	µg/L
Hexanone[2-]	SW-846:8260B	GCMS	1.25	µg/L	5	µg/L
Iodomethane	SW-846:8260B	GCMS	1.25	µg/L	5	µg/L
Isopropylbenzene	SW-846:8260B	GCMS	0.25	µg/L	1	µg/L
Isopropyltoluene[4-]	SW-846:8260B	GCMS	0.25	µg/L	1	µg/L
Methacrylonitrile	SW-846:8260B	GCMS	1	µg/L	5	µg/L
Methyl Methacrylate	SW-846:8260B	GCMS	1	µg/L	5	µg/L
Methyl-1-propanol[2-]	SW-846:8260B	GCMS	13	µg/L	50	µg/L
Methyl-2-pentanone[4-]	SW-846:8260B	GCMS	1.25	µg/L	5	µg/L
Methylene Chloride	SW-846:8260B	GCMS	2	µg/L	5	µg/L
naphthalene	SW-846:8260B	GCMS	0.25	µg/L	1	µg/L
Propionitrile	SW-846:8260B	GCMS	1.5	µg/L	5	µg/L
Propylbenzene[1-]	SW-846:8260B	GCMS	0.25	µg/L	1	µg/L
Styrene	SW-846:8260B	GCMS	0.25	µg/L	1	µg/L
Tetrachloroethane[1,1,1,2-]	SW-846:8260B	GCMS	0.25	µg/L	1	µg/L
Tetrachloroethane[1,1,2,2-]	SW-846:8260B	GCMS	0.25	µg/L	1	µg/L

Analyte	Analytical Method	Method Description	Method Detection Limit	Units	Practical Quantitation Limit	Units
Tetrachloroethene	SW-846:8260B	GCMS	0.25	µg/L	1	µg/L
Toluene	SW-846:8260B	GCMS	0.25	µg/L	1	µg/L
Trichloro-1,2,2-trifluoroethane[1,1,2-]	SW-846:8260B	GCMS	1	µg/L	5	µg/L
Trichlorobenzene[1,2,3-]	SW-846:8260B	GCMS	0.3	µg/L	1	µg/L
Trichlorobenzene[1,2,4-]	SW-846:8260B	GCMS	0.3	µg/L	1	µg/L
Trichloroethane[1,1,1-]	SW-846:8260B	GCMS	0.3	µg/L	1	µg/L
Trichloroethane[1,1,2-]	SW-846:8260B	GCMS	0.25	µg/L	1	µg/L
Trichloroethene	SW-846:8260B	GCMS	0.25	µg/L	1	µg/L
Trichlorofluoromethane	SW-846:8260B	GCMS	0.31	µg/L	1	µg/L
Trichloropropane[1,2,3-]	SW-846:8260B	GCMS	0.3	µg/L	1	µg/L
Trimethylbenzene[1,2,4-]	SW-846:8260B	GCMS	0.25	µg/L	1	µg/L
Trimethylbenzene[1,3,5-]	SW-846:8260B	GCMS	0.25	µg/L	1	µg/L
Vinyl acetate	SW-846:8260B	GCMS	1.5	µg/L	5	µg/L
Vinyl Chloride	SW-846:8260B	GCMS	0.5	µg/L	1	µg/L
Xylene[1,2-]	SW-846:8260B	GCMS	0.25	µg/L	1	µg/L
Xylene[1,3-]+Xylene[1,4-]	SW-846:8260B	GCMS	0.25	µg/L	2	µg/L

[a] n/a = Not applicable.

[b] EC = Electroconductivity probe and meter.

[c] HPLC/MS/MS = High pressure liquid chromatography/mass spectrometry/mass spectrometry.

[d] ICPES = Inductively coupled emission spectrometry.

[e] HPLC = High pressure liquid chromatography.

[f] CVAA = Cold vapor atomic absorption.

[g] ICPMS = Inductively coupled mass spectrometry.

[h] GC ECD = gas chromatography with electron-capture detection.

[i] LSC = Liquid scintillation counting.

[j] LLEE = Low-level electrolytic enrichment.

[k] GCMS = Gas chromatography mass spectrometry.

C-5.0 INVESTIGATION-DERIVED WASTE MANAGEMENT

This appendix describes how investigation-derived waste (IDW) generated during the groundwater monitoring activities conducted under the Los Alamos National Laboratory (the Laboratory) Interim Facility-Wide Groundwater Monitoring Plan (hereafter, the Interim Plan) will be managed. IDW is waste generated as a result of field investigation activities and may include, but is not limited to, purge water, contaminated personal protective equipment (PPE), sampling supplies, and plastic; fluids from the decontamination of PPE and sampling equipment; and all other wastes potentially contacting contaminants. IDW generated during implementation of the Interim Plan will be managed to protect human health and the environment, comply with applicable regulatory requirements, and adhere to Laboratory waste minimization goals.

All IDW generated during groundwater-monitoring activities will be managed in accordance with applicable Environmental Programs Directorate standard operating procedures (SOPs), which incorporate the requirements of all applicable U.S. Environmental Protection Agency (EPA) and New Mexico Environment Department (NMED) regulations, U.S. Department of Energy (DOE) orders, and Laboratory implementation requirements. SOPs applicable to the characterization and management of IDW are the following:

- SOP-1.06, Management of Environmental Restoration Project Waste
- SOP-1.10, Waste Characterization

The SOPs are available at the following URL: http://erproject.lanl.gov/documents/procedures.html.

The Laboratory's 2006 "Los Alamos National Laboratory Hazardous Waste Minimization Report" (LANL 2006, 096015) will be implemented during groundwater monitoring to minimize waste generation. This document is updated annually as a requirement of Module VIII of the Laboratory's Hazardous Waste Facility Permit.

The IDW waste streams associated with groundwater monitoring are identified in Table C-5.0-1 and are briefly described below. Table C-5.0-1 also summarizes the waste type, estimated volume, and method of on-site management.

Waste Determinations

As part of the waste characterization process, sampling data will be reviewed to identify the detections of Resource Conservation and Recovery Act (RCRA) hazardous waste or hazardous constituents. Following the approved notice of intent (NOI) decision tree process, presented in Figure C-5.0-1, the data that will be used to characterize the waste streams include data that have been collected within the last 12 mo. Once a waste determination has been made for a location, waste generated from subsequent sampling events at that location will be managed according to the initial determination, unless new process knowledge or data indicate the determination should be reevaluated.

The number of sampling events needed to make RCRA waste determinations will be based on acceptable knowledge (AK) of groundwater conditions within a watershed at the well or surface sample location. AK includes review of existing data and may include a review of historical information and process knowledge to identify whether listed hazardous waste may be present (i.e., due diligence reviews). The number of sampling events needed to make the waste determination for a given location is summarized as follows:

- For locations where existing AK demonstrates no RCRA hazardous waste or hazardous constituents above RCRA regulatory limits (decision point D2 of the NOI decision tree, shown in Figure C-5.0-1), a minimum of one sampling event will be used annually to confirm the nonhazardous waste determination. This waste determination will be reevaluated with data from subsequent sampling campaigns.
- For new wells and surface-water locations with no existing AK, two sampling events will be conducted to ensure reproducibility and to establish reliable AK for long-term waste management. Wastes generated during the first sampling event will be characterized by the data collected during the event. These wastes will be managed in registered RCRA accumulation areas.
- For locations where RCRA hazardous constituents are suspected or sporadic, but not confirmed, the waste will initially be managed as hazardous. A minimum of two rounds of data will be used to establish reliable AK and to ensure that detection of RCRA-regulated constituents is consistent. Where data results are inconsistent or new RCRA-regulated constituents are detected, up to four rounds of sampling and data review will be performed to establish reliable AK.
- For locations where IDW has been identified as RCRA hazardous waste, subsequent IDW generated at the location will be managed as hazardous waste until the data from four consecutive sampling events contain no RCRA hazardous waste or hazardous constituents above RCRA regulatory limits.

Where RCRA constituents are detected, the following steps may be taken to complete the waste determination:

- Where duplicate groundwater samples are collected during the same sampling event and one is a nondetect and the other is a detect, the Laboratory assumes the detection is the result of laboratory or field contamination. The detection will not be used for waste determination.
- When an F- or U-listed contaminant is detected, the sources contributing to the watershed will be evaluated. If there is no documentation that these contaminants are from listed processes, the waste will be managed as nonhazardous.

To manage a hazardous waste as nonhazardous, a “contained in” determination may be submitted for approval to NMED.

Waste Management

Purge water: This waste stream consists of water purged from wells before and during sampling. The disposal of nonhazardous purge water will follow the ENV-RCRA SOP-010.0, Land Application of Groundwater, Attachment 1 (NOI Decision Tree). Purge water that meets the requirements for land application may be directly applied or stored before land application. If the purge water is hazardous, it will be managed in accordance with hazardous waste management requirements.

Purge water will be characterized based on the results of the analysis of water samples from the associated well(s) or by direct sampling and analysis of the purge water. Tables 2.4-1 through 8.4-1 show the analyte lists for each well based on previous sampling results and watershed-specific information. The analytical results for each well will be run through the NOI decision tree (Figure C-5.0-1) to determine whether the purge water can be land-applied. They will also be used to make the waste determination. In addition, to meet the NOI decision tree land application requirements, radium-226 and radium-228 (EPA Methods 903.1 and 904) will be collected at well sites during the annual sampling event.

Contact waste: The contact waste stream consists of potentially contaminated wastes that "contacted" purge water or surface water during sampling. This waste stream consists primarily of, but is not limited to, PPE such as gloves; decontamination wastes such as paper wipes; and disposable sampling supplies. Characterization of this waste stream will use AK of the waste materials, the methods of generation, and analysis of the water samples. The Laboratory expects most of these contact wastes will be nonhazardous waste that will be disposed of at a New Mexico solid waste landfill or low-level waste that will be disposed of at Area G at Technical Area 54.

Decontamination fluids: The decontamination fluids waste stream will consist of liquid wastes from decontamination activities (i.e., decontamination solutions and rinse waters). Consistent with waste minimization practices, the Laboratory employs dry decontamination methods to the extent possible. If dry decontamination cannot be performed, liquid decontamination wastes will be collected in containers at the point of generation. The decontamination fluids will be characterized through AK of the waste materials, the levels of contamination observed in the environmental media (e.g., the results of the associated water samples) and, if necessary, direct sampling of the containerized waste. The Laboratory expects most of these wastes to be nonhazardous liquid waste or radioactive liquid waste that will be sent to one of the Laboratory's wastewater treatment facilities.

C-6.0 REFERENCE

The following list includes all documents cited in this appendix. Parenthetical information following each reference provides the author(s), publication date, and ER ID number. This information is also included in text citations. ER ID numbers are assigned by the Environmental Programs Directorate's Records Processing Facility (RPF) and are used to locate the document at the RPF and, where applicable, in the master reference set.

Copies of the master reference set are maintained at the NMED Hazardous Waste Bureau; the U.S. Department of Energy–Los Alamos Site Office; the U.S. Environmental Protection Agency, Region 6; and the Directorate. The set was developed to ensure that the administrative authority has all material needed to review this document, and it is updated with every document submitted to the administrative authority. Documents previously submitted to the administrative authority are not included.

LANL (Los Alamos National Laboratory), November 2006. "Los Alamos National Laboratory Hazardous Waste Minimization Report," Los Alamos National Laboratory document LA-UR-06-8175, Los Alamos, New Mexico. (LANL 2006, 096015)

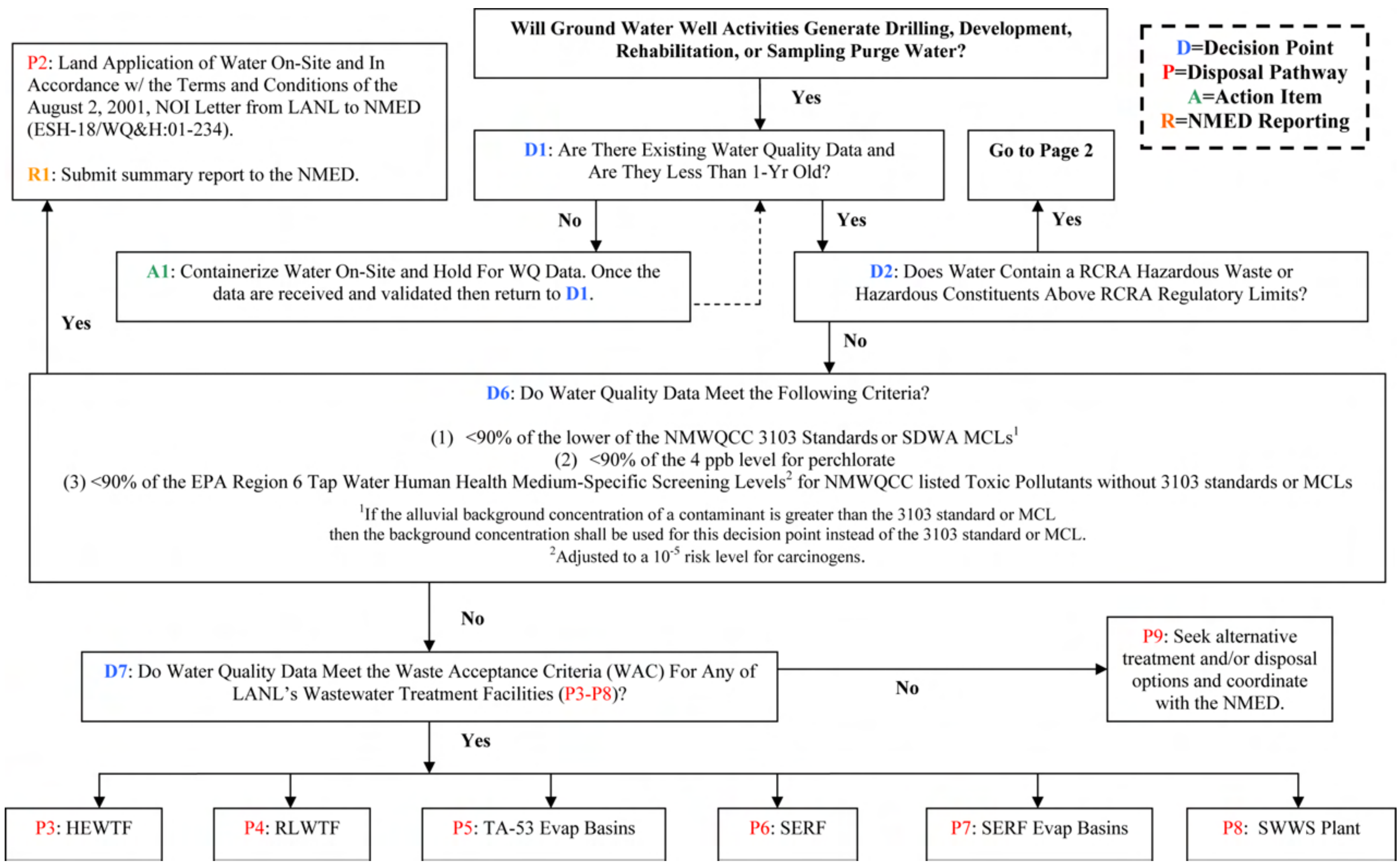

Figure C-5.0-1 NOI decision tree (page 1 of 2)

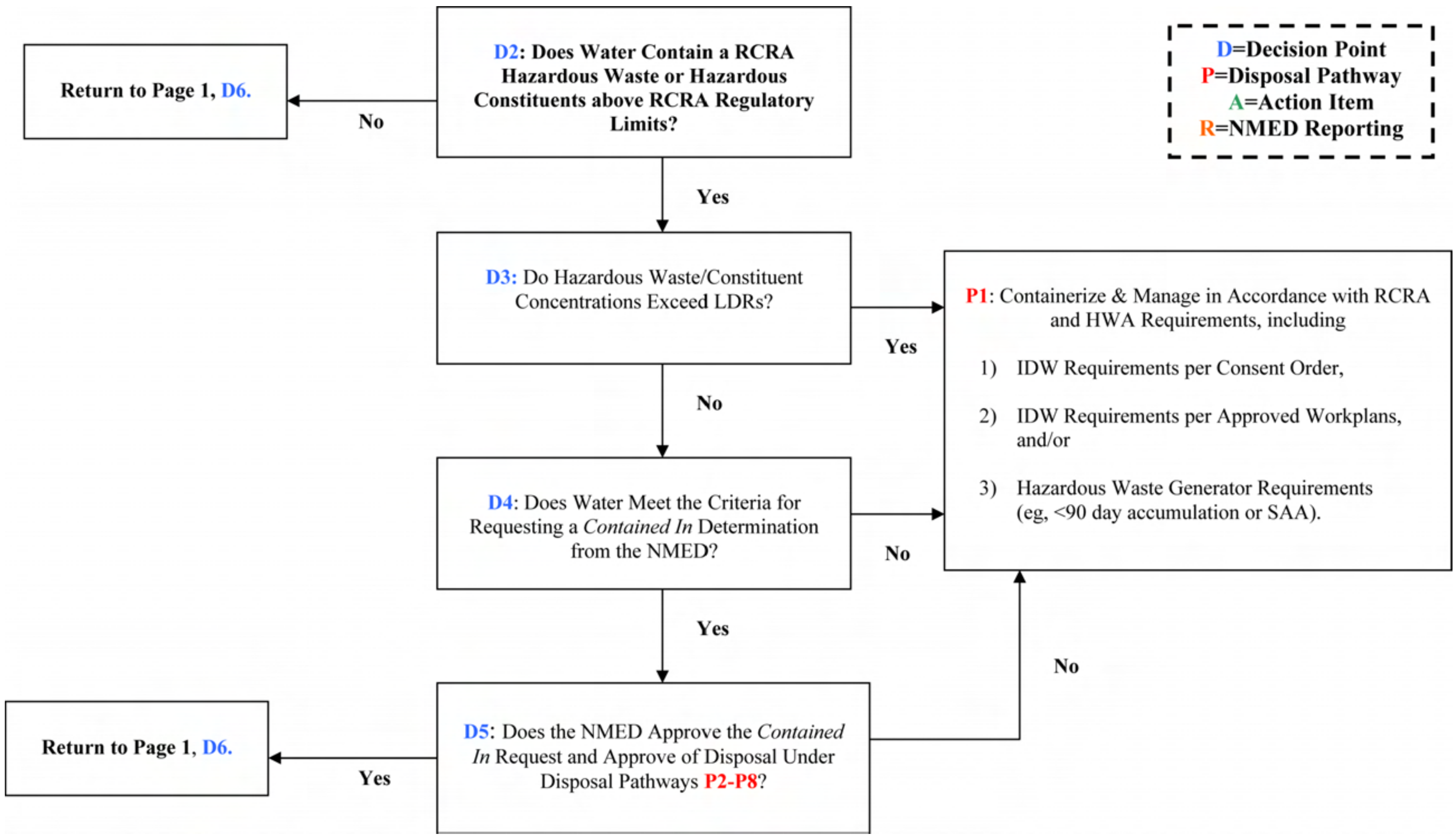

Figure C-5.0-1 NOI decision tree (page 2 of 2)

Table C-5.0-1
Summary of Estimated IDW Generation and Management

Waste Stream	Estimated Volume
Purge water	5 to 3000 gal. per well per sampling event
Contact waste	Less than 110 gal. per watershed monitoring campaign
Decontamination fluids	Less than 55 gal. per watershed monitoring campaign

Appendix D

Supplemental Information

Figures

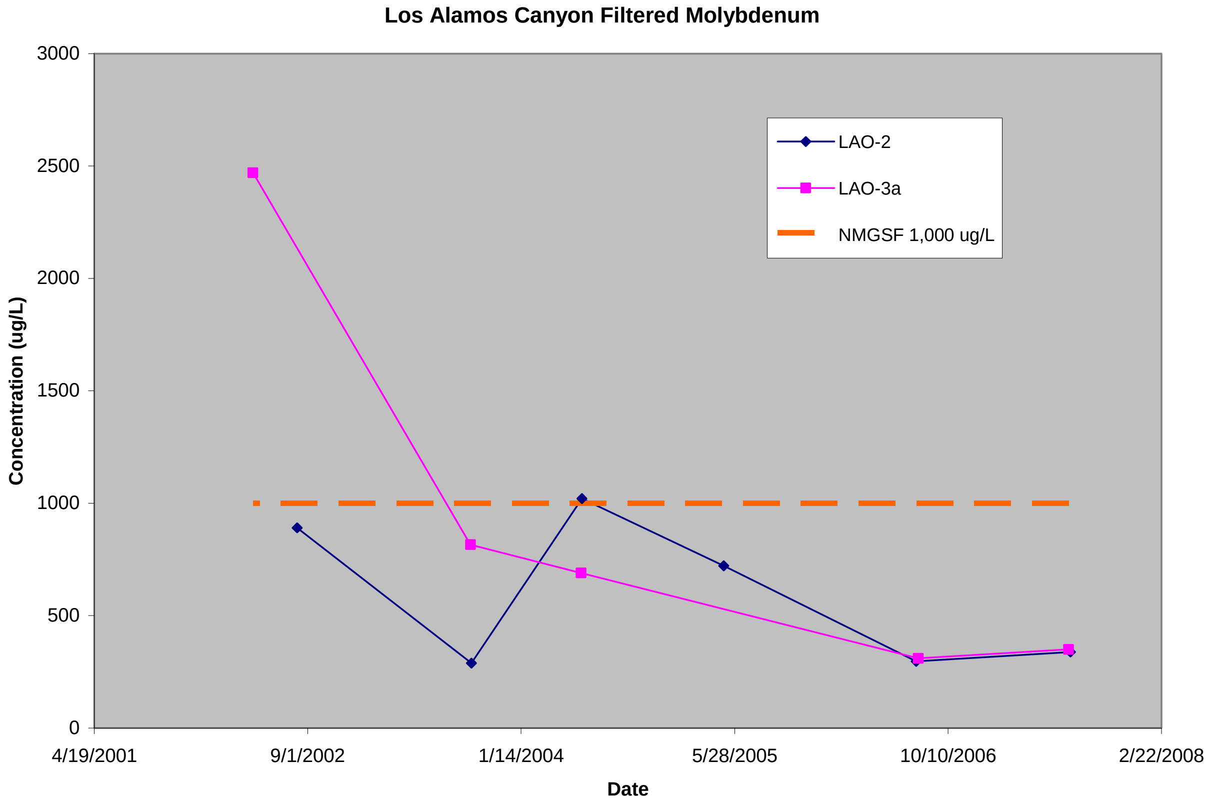

Figure D-1 Dissolved molybdenum concentrations in alluvial wells in Los Alamos Canyon

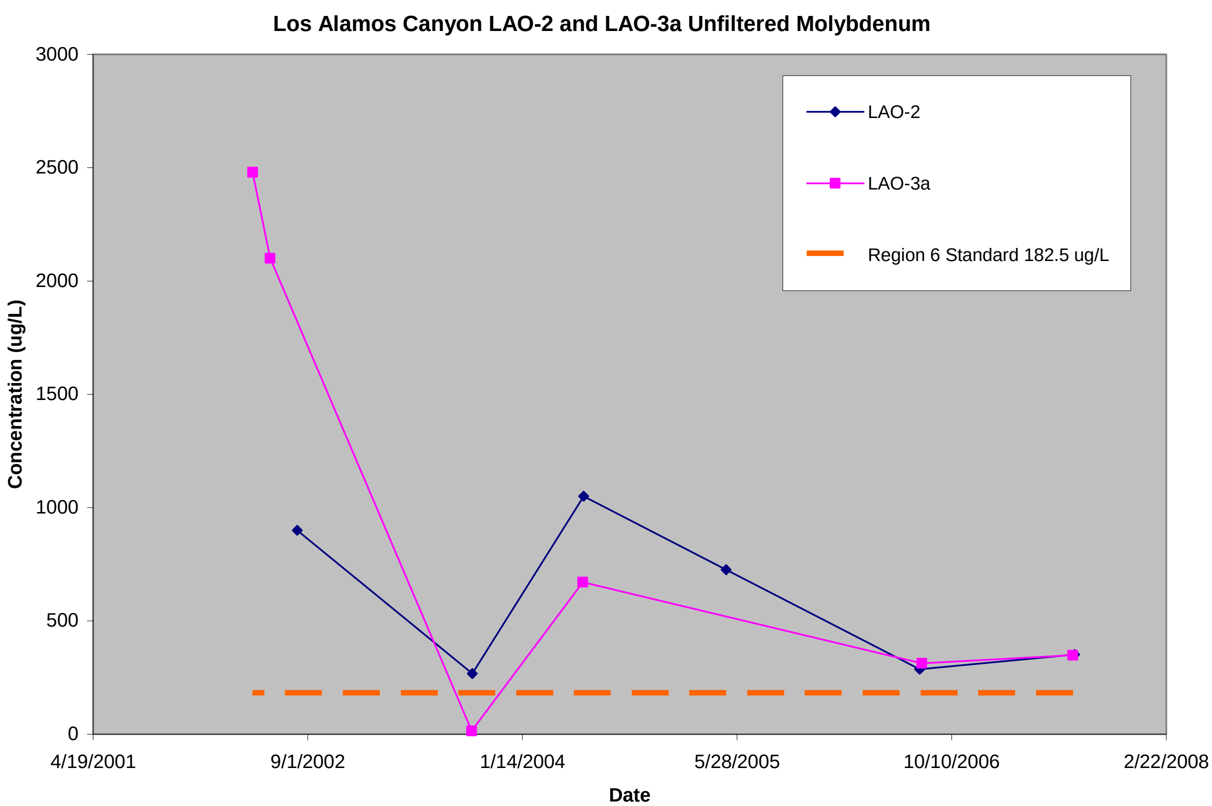

Figure D-2 Total molybdenum concentrations in alluvial wells in Los Alamos Canyon

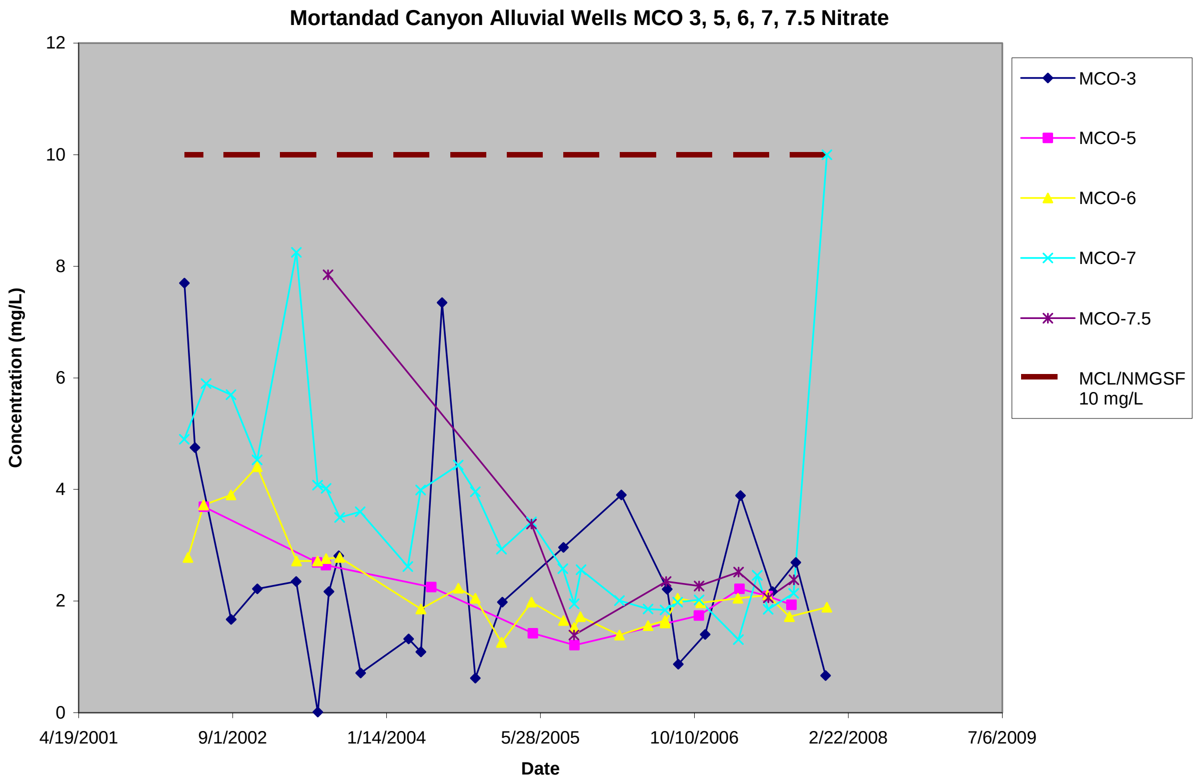

Figure D-3 Nitrate concentrations in alluvial wells in Mortandad Canyon

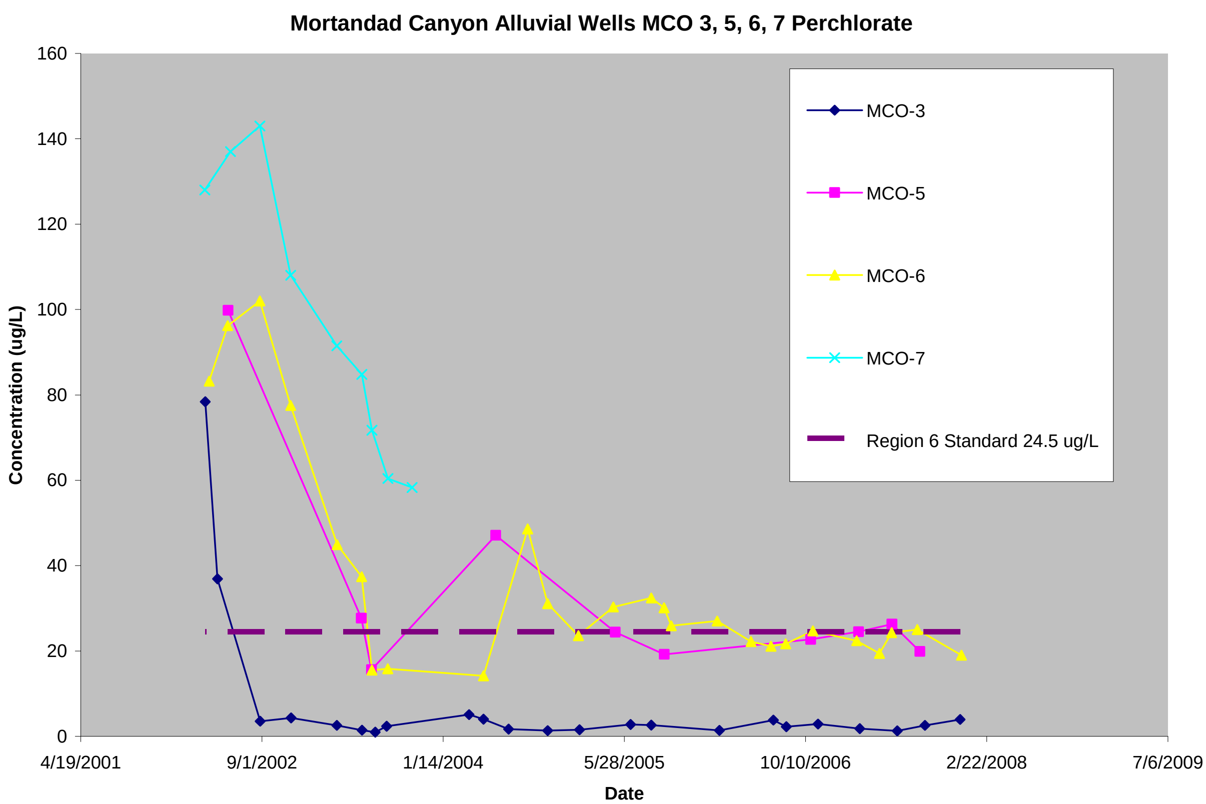

Figure D-4 Perchlorate concentrations in alluvial wells in Mortandad Canyon

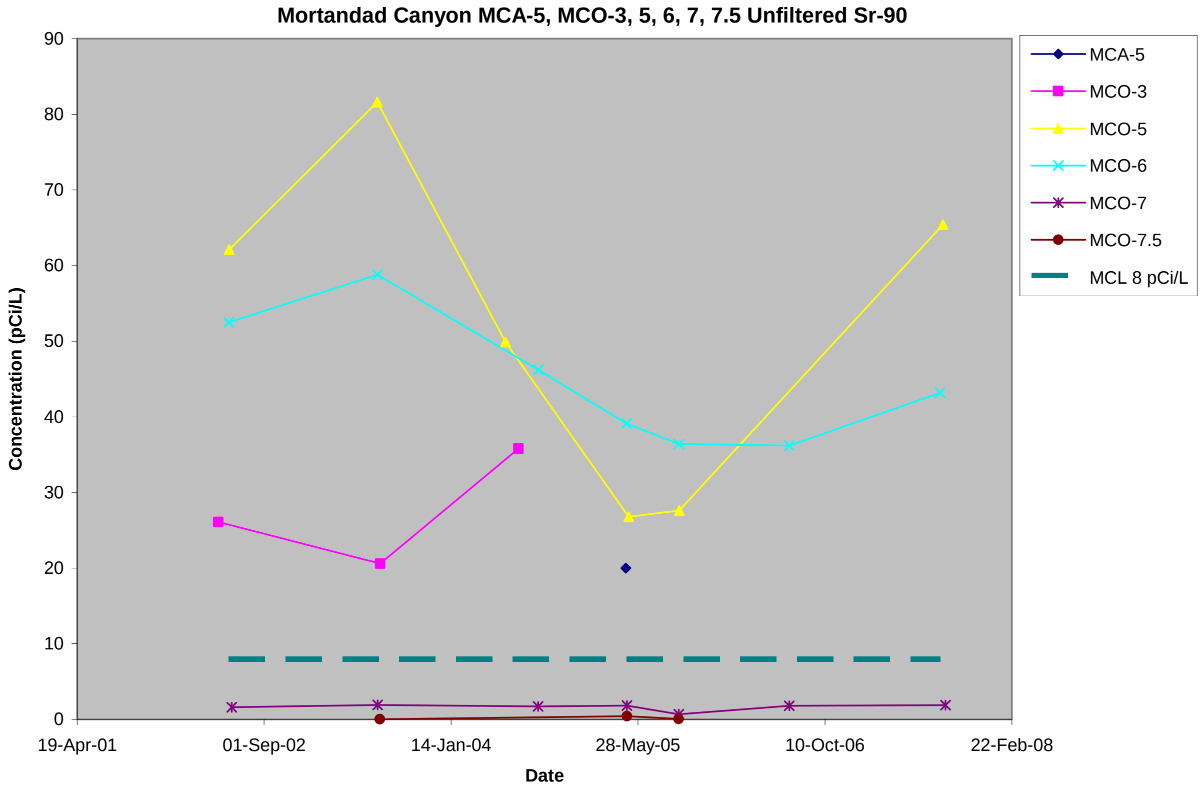

Figure D-5 Total strontium-90 concentrations in alluvial wells in Mortandad Canyon

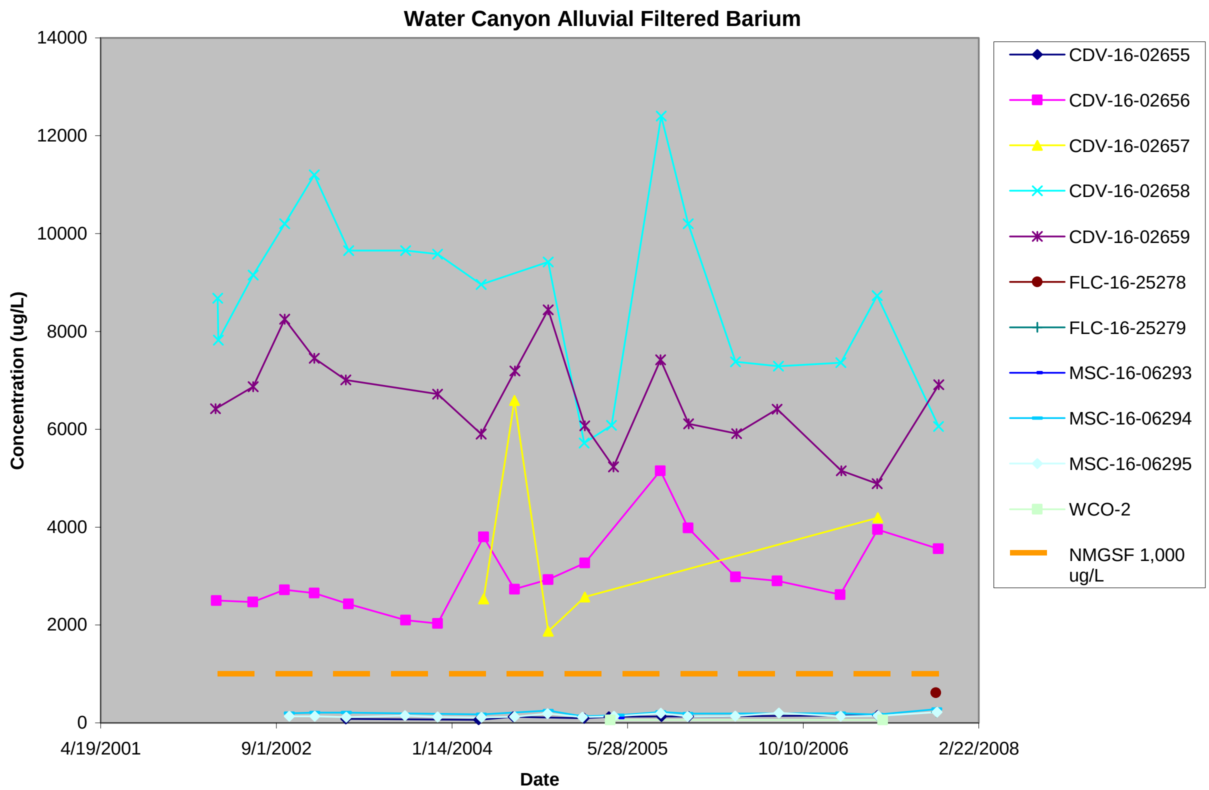

Figure D-6 Dissolved barium concentrations in alluvial wells in Water Watershed

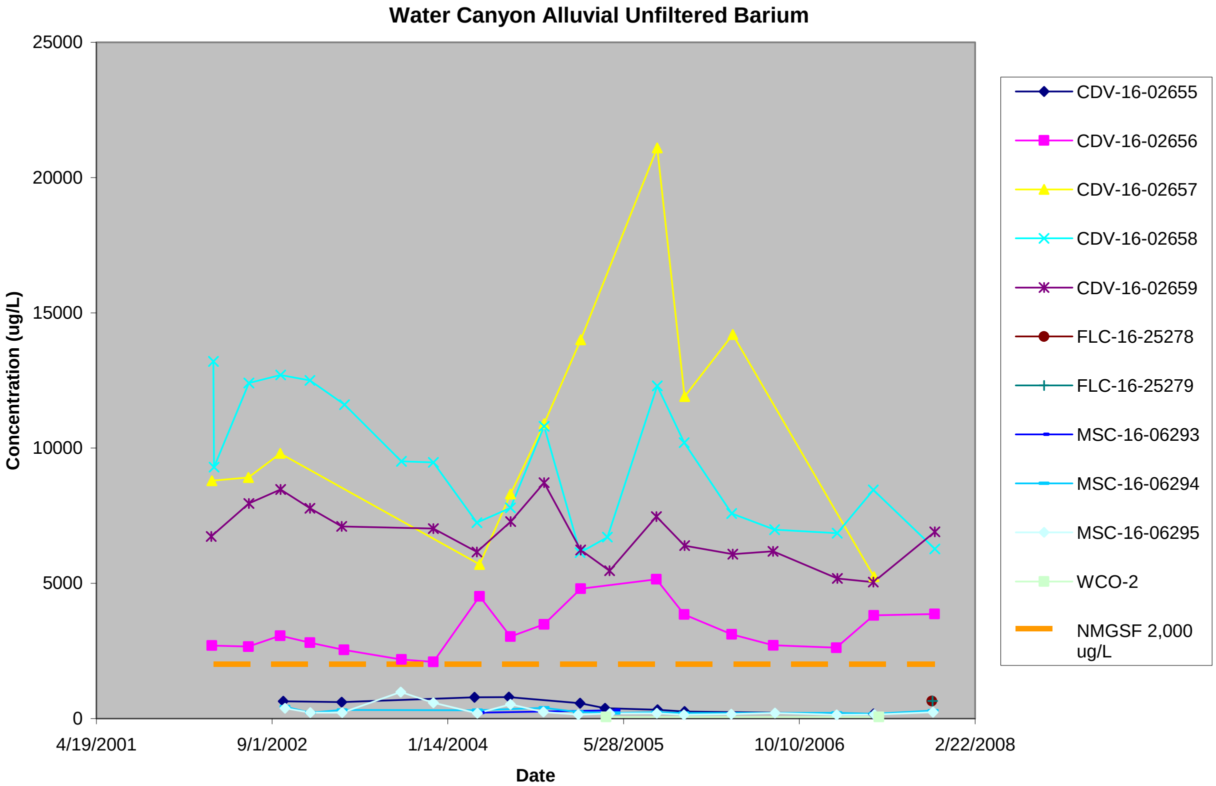

Figure D-7 Total barium concentrations in alluvial wells in Water Watershed

Appendix E

Quality Assurance/Quality Control Data Review

Table E-1
Review Procedures for Field Quality Assurance/Quality Control Results

Sample Type	Summary
General	This appendix summarizes the procedures for reviewing field quality assurance/quality control (QA/QC) results for acceptability with respect to the data-quality objective (DQO). Field QA/QC samples are collected in accordance with the March 1, 2005, Consent Order, Section IX.B. Specifically, the field QA/QC samples collected are field duplicates, field blanks, equipment rinsate blanks, reagent blanks, if necessary, and trip blanks for QA during groundwater and surface water sampling activities. QA/QC samples are specified for each matrix and method in the National Nuclear Security Administration (NNSA) Model Statement of Work for Analytical Laboratories (Los Alamos National Laboratory [the Laboratory] is currently using Revision 6, August 2004) The results are used for secondary data validation conducted for all water data following the NNSA Model Data Validation Procedure (Revision 4, July 2005). Procedures for laboratory QA/QC samples are presented in detail in the NNSA Model Statement of Work used by the Laboratory for contracting analyses, and the data validation procedure describes how laboratory QA/QC sample results are used in the secondary data validation process. This summary addresses how field QA/QC results are used and the types of corrective actions that may be taken to address exceedances of target measures for each QA/QC sample type.
Field Blanks	Field blanks are collected at a frequency of 10% of all samples collected in a watershed by media type, and at a rate of no less than 1 per day per sampling site. Field blanks are collected by filling sample containers in the field with deionized water to check for sources of sample contamination in the field. Field blanks are analyzed for the following constituents if these constituents are included in the suite of analytes for the sampling location: target analyte list (TAL) metals (including mercury), semivolatile organic compounds (SVOCs), volatile organic compounds (VOCs), polychlorinated biphenyls (PCBs), dioxin/furans, and high explosives (HE). Field blank samples for each watershed are thus customized based on the primary constituents being analyzed in samples from that watershed. Field-blank results are evaluated as part of the secondary data validation process by using the result to validate the associated sample results. If any analytes are detected in the field blank, the result from the associated sample is qualified as undetected if the result is less than 5 times the amount for the analyte found in the associated field blank. A validation reason code is also assigned to describe why the data were qualified.
Equipment Rinsate Blanks	Equipment rinsate blanks are collected for samples from WestBay wells before and after all sampling events. Equipment rinsate blanks are obtained by passing deionized water through unused or decontaminated sampling equipment (i.e., Westbay sample bottles) before sampling is conducted to detect any contamination in the sample resulting from contaminated equipment or poor decontamination techniques. Equipment rinsate blanks are also collected after Westbay sample bottles have been decontaminated between any two sampling ports. Equipment rinsante blanks should be analyzed for the following, but only if these constituents are included in the primary sampling suite: general inorganics, nitrogen species, VOCs, HE, and perchlorate. During the secondary validation process, equipment rinsate blanks are evaluated in the same manner as field blanks, and any detected analytes are qualified in the samples associated with the rinsate blank.

Table E-1 (continued)

Sample Type	Summary
Field Duplicates	Field duplicates are samples collected from the same sample location during the same event to provide information on the ability to duplicate the entire sampling and analysis process. Field duplicates are collected at a rate of 10% of all samples by media type, with a minimum of one field duplicate collected per sample batch. A sample batch consists of a group of samples for one media submitted to the analytical laboratory during one period. Field duplicate samples should be selected from "robust locations" providing plenty of volume for all samples collected, and should be analyzed for the same analytes for which the primary sample is being analyzed. Field-duplicate results are compared with the associated sample results, and a relative percent difference is calculated. The acceptable threshold for relative percent differences is 20% for data greater than 5 times the reporting limit.
Trip Blanks	Trip blanks accompany any samples collected for VOC analyses. The trip blanks are obtained from the analytical laboratory and consist of analyte-free deionized water that is shipped to the laboratory for use as trip blanks. At least one trip blank is placed in each shipping container that contains samples for VOC analyses. In the secondary data validation process, trip blanks are evaluated the same as field blanks, and any detected analytes are qualified in the samples associated with the trip blank. If any analytes are detected in the trip blank, the result from the associated sample is qualified as undetected if the result is less than 5 times the amount of the concentration of the analyte found in the associated field blank. These results are given a validation reason code to describe why the data were qualified.
Corrective Actions Tool Box	Exceedance of target measures for each of the QA/QC sections summarized above triggers any number of potential corrective actions. The selection of one or more corrective actions is dependent on project DQOs and a variety of other factors. Therefore, a general toolbox of potential corrective actions is considered on a case-by-case basis. The potential corrective actions generally follow a graded approach and include the following. **Data review/focused validation:** A typical first step is to review field paperwork (e.g., chains-of-custody, sample collection logs) to ensure that sample identifiers align with analytical results. Detailed data review and focused validation may also provide insights into improper use of sample preservatives and other similar errors in sample collection. **Reanalysis:** Review of QA/QC results sometimes reflect problems that occur with the analysis of the samples. In these instances, reanalysis of an aliquot of the original sample may be requested of the analytical laboratory, assuming that no holding-time issues are associated with the sample aliquot. **Resampling:** If the QA/QC problem is not resolved using the approaches described above, resampling may be necessary. The decision to resample largely depends on the schedule for the subsequent sampling round. For instance, if a sampling round is scheduled for a site on a quarterly basis, the sample collected for that round should suffice in filling the data gap. If the site is on an annual sampling schedule, it might be necessary to resample after the discovery of a QA/QC concern if it would leave an important data gap based on project DQOs. If an unacceptable QA/QC condition persists, then pursuing the source of the problem and making root-level corrections in a specific portion of the process will be initiated. For example, corrections or modifications may be made to an equipment decontamination process.

Appendix F

Geochemical Evaluation of
Monitoring Network Wells for Residual Effects of Drilling

CONTENTS

Figures

Tables

F-1.0 OBJECTIVES AND SCOPE

This appendix summarizes the evaluation of water-quality data for residual effects of drilling products in samples collected from candidate monitoring network wells in 2007. The evaluation protocol is applied to water-quality data collected from deep characterization wells that access perched-intermediate zones or the regional aquifer and that reside in the Water Quality Database (WQDB). The evaluations follow the general protocol presented in the Well Screen Analysis Report (WSAR), Revision 2 (LANL 2007, 096330), which encompassed all sampling events beginning with the first groundwater sample collected after completion of well development activities and extending to those events for which data were available in the WQDB as of December 2006. This appendix extends the period of evaluation to include data in the WQDB through December 2007.

Because the test conditions used for this evaluation are not based on site-specific criteria, the results of this evaluation are intended to be used as general indicators of data quality and should not be construed as a definitive identification of data usability. The guiding philosophy for the evaluation protocol is to assume that water-quality data from a well screen are reliable and representative (R&R) of predrilling conditions unless clear and consistent evidence to the contrary is found. The approach is based on simple conceptual models of drilling-related impacts that exclude consideration of effects that are not likely to be significant.

This appendix documents the data-quality evaluation for the well screens as follows:

- Section F-2.0.1 provides a general overview of the evaluation protocol, lists evaluation outcomes for groundwater samples collected in 2007, and identifies those samples that show clear evidence for residual effects from drilling products.
- Section F-3.0.1 summarizes the capability of individual well screens to provide R&R water-quality data for watershed-specific chemicals of potential concern (COPCs), as presented in groundwater monitoring well network evaluation reports and in well rehabilitation and conversion reports issued in 2007 and 2008. Included in the summary are recommendations made in those reports concerning the use of those screens for water-quality monitoring.
- Based on consideration of geochemical and other information from the preceding two sections, Section F-4.0.1 summarizes the basis on which analytical suites to be collected from each well screen in the 2008 Interim Plan have been maintained, extended, or limited—as compared to the 2007 Interim Facility-wide Groundwater Monitoring Plan (the Interim Plan) (LANL 2007, 096665)—based upon the type and degree of residual impacts from drilling. For those cases in which the sampling suite is upgraded or downgraded as a result of the evaluation for drilling-related effects, trending plots that display the evolution of key geochemical indicators over time are used to support the decision.

F-2.0 RESIDUAL DRILLING-RELATED EFFECTS PRESENT IN WATER-QUALITY SAMPLES COLLECTED IN 2007

In Table F-2.0-1, geochemical data in the WQDB for 232 samples collected from 79 screens in 2007 and early 2008 are evaluated following the general protocol presented in the WSAR (LANL 2007, 096330). The evaluation process involves comparing water-quality data for a sample against threshold levels for about 30 geochemical indicator species. The threshold levels are established based on levels measured in background samples assumed to be representative of water quality in perched-intermediate groundwater or in the regional aquifer beneath the Pajarito Plateau, as reported in the “Groundwater

Background Investigation Report, Revision 2" (LANL 2007, 094856). As appropriate, upper threshold levels for the evaluation are set at the upper tolerance limit (UTL), the 90th percentile of the background distribution, or the maximum concentration measured in the background data set. Similarly, lower threshold levels are set at the 5th or 10th percentiles.

The test criteria are used to identify water-quality data that appear to be unreliable or are not representative of predrilling groundwater chemistry because of residual effects of drilling products. Because some of the test indicators are sometimes also present as groundwater contaminants (e.g., chloride, perchlorate, sodium, sulfate, total organic carbon, and uranium), site-specific groundwater contamination that may be present in the well screen must also be taken into consideration when the applicability of a particular test is assessed.

Residual effects from drilling products are classified into seven categories (LANL 2007, 096330), shown in the column headings in Table F-2.0-1:

- Category A—Residual inorganic constituents from drilling, construction, and development products
- Category B—Residual organic components from drilling products
- Category C—Modification of in situ oxidation-reduction (redox) conditions
- Category D—Modification of surface-active mineral surfaces with the effect of enhancing adsorption, such as onto clay minerals present in drilling mud
- Category E—Carbonate-mineral disequilibria
- Category F—Corrosion of stainless-steel well components
- General Indicator Category—General water-quality indicators such as field parameters, common groundwater contaminants not included in Category A, and zinc. Anomalous values for the field parameters and zinc commonly accompany other indicators of residual drilling effects, but these excursions generally cannot be attributed with confidence to any single cause.

Table F-2.0-1 summarizes the test outcomes for water-quality samples collected in 2007. Eight samples collected in early 2008 are included in this table to elucidate geochemical trends in two new wells (R-35a and R-25b), two wells affected by rehabilitation and conversion activities in late 2007 (R-12 and R-20), and one well which had shown variable trends in 2007 (R-8). Wells are listed alphabetically by watershed.

For each of the seven categories of possible effects, a sampling event is given an overall outcome of Pass, Fail, No Data, or Indeterminate in Table F-2.0-1. Additional details are provided in the outcomes listed for Category C; if the overall test outcome for reducing conditions is not "Pass," then the indicated redox condition is noted in this column (i.e., sulfate-reducing) iron/manganese-reducing, or nitrate-reducing. In assigning an overall outcome to a well screen for each category, the identification of consistent geochemical trends within that category is a critical factor for determining what residual drilling effects are present. Generally, it is assumed that an outcome that changes from "Pass" to "Fail" for a particular category, or vice versa, reflects changing geochemical conditions at the well screen. However, a "Fail" condition for a given category in Table F-2.0-1 does not necessarily mean that the well screen is not capable of providing R&R water-quality data. Examples of reasons that a given category may be listed as "Fail" but nonetheless be judged capable of providing R&R water-quality data are as follows:

- the geochemical conceptual model on which the test is based may be inappropriate for a site-specific location or condition within the aquifer;

- there may have been problems with the sampling equipment, such as the presence of metal corrosion products; or
- local contamination may affect the applicability of the test criteria.

F-3.0 WELL SCREEN CAPABILITY FOR MEETING GEOCHEMICAL MONITORING OBJECTIVES

Many of the geochemical evaluations summarized in Table F-2.0-1 have been previously addressed in one of the five monitoring network evaluation reports issued in 2007:

- Evaluation of the Suitability of Wells Near Technical Area 16 for Monitoring Contaminant Releases from Consolidated Unit 16-021(c)-99, Revision 1 (LANL 2007, 100113)
- Mortandad Canyon Groundwater Monitoring Well Network Evaluation, Revision 1 (LANL 2007, 099128)
- Los Alamos and Pueblo Canyons Groundwater Monitoring Well Network Evaluation and Recommendations (LANL 2007, 099936)
- Technical Area 54 Well Evaluation and Network Recommendations (LANL 2007, 098172)
- Fate and Transport Report for Chromium Contamination in Groundwater (LANL 2007, 098938).

In contrast with the evaluation of individual water-quality samples summarized in Section F-2.0.1, these network evaluation reports focused more on the present-day capability of each screen (including its sampling system) to meet monitoring objectives that were based on watershed-specific COPCs and site-characterization data. Table F-3.0-1 summarizes the network well evaluations, which culminated in recommended actions regarding the continued use of each well screen for monitoring water quality. Geochemical evaluation criteria included not only an assessment of samples for the presence of any drilling-related conditions but also the extent to which any such condition that might be present could impair the capability of the screen to provide water-quality samples that meet monitoring objectives, focusing on key contaminants of concern for groundwater. The current ability of each screen to meet geochemical monitoring objectives was expressed by assignment of the screen to one of three categories in the column labeled "Geochemical Evaluation," based on an evaluation of the most recent sampling events available at the time the monitoring network evaluation report was written:

- Meets monitoring objectives—the evaluation does not reveal compelling evidence for any residual drilling effects, and the screen provides R&R samples for all COPCs;
- Conditionally meets objectives—the evaluation indicates the presence of a residual drilling effect, but the screen currently provides R&R samples for some COPCs; or
- Does not meet monitoring objectives—the evaluation shows obvious geochemical effects related to drilling, such that the screen cannot provide R&R samples for many COPCs, and conditions do not show clear signs of improving within a reasonable time frame.

In Table F-3.0-1, the column labeled "Recommended Action" indicates the actions recommended in the monitoring network evaluation report for each well screen, taking into consideration the physical, hydrologic, and geochemical evaluations presented in the appendices of those reports. The recommendations generally fall into one of the following actions: (a) no change in usage; continue to monitor in accordance with the 2007 Interim Plan (now superceded by the 2008 Interim Plan); (b) rehabilitate the well screen and replace its sampling system, (c) replace the well, or (d) abandon the well screen. Even if residual effects of drilling are present, the recommended action may nonetheless be to retain the same analytical sampling suites as in the 2007 Interim Plan, based on an approach that considers site-specific objectives.

The column labeled “Rationale” in Table F-3.0-1 summarizes the technical reasons underlying the recommended action. Information presented in that column has been updated to include actions and results of rehabilitation and conversion activities that took place in 2007 and early 2008, as documented in the following reports:

- Pilot Well Rehabilitation Study Summary Report (LANL 2007, 095889)
- Well R-12 Rehabilitation and Conversion Summary Report (LANL 2008, 100352)
- Well R-14 Rehabilitation and Conversion Summary Report (LANL 2008, 101462)
- Well R-20 Rehabilitation and Conversion Summary Report (LANL 2008, 100473)
- Well R-32 Rehabilitation and Conversion Summary Report, Revision 1 (LANL 2007, 100572)
- Work Plan for R-Well Rehabilitation and Replacement, Revision 2 (LANL 2007, 098119)

F-4.0 UPDATE OF INTERIM PLAN BASED ON SCREEN EVALUATIONS

Table F-4.0-1 summarizes how the 2008 Interim Plan updates the 2007 Interim Plan by taking into consideration the geochemical evaluations summarized in this appendix. Well screens assigned to the “Indicator Constituent Suite” in the 2007 Interim Plan are indicated as such in the second column of Table F-4.0-1; the third column indicates whether the sampling suite assigned to the well screen in the 2008 Interim Plan is equivalent to that in the 2007 Interim Plan, or whether it has been upgraded, downgraded, or otherwise changed relative to its assignment in the 2007 Interim Plan. The last column provides the rationale for the assignment.

For wells in which one or more screen has been assigned to an upgraded or downgraded analytical suite as compared to its assignment in the 2007 Interim Plan, Figures F-4.0-1 through F-4.0-15 present geochemical trending plots that show the evolution of eight key indicators for residual effects from drilling products compared with relevant test threshold levels. The indicators shown on these figures were selected because they tend to have consistently reliable data in the WQDB and are sensitive to one or more drilling-related effects:

- Chloride serves as an indicator for residual inorganic drilling products (Category A) as well as being a common local contaminant.
- Sulfate is an indicator for residual inorganic drilling products (Category A) and for redox conditions (Category C) as well as a common local contaminant. Concentrations below background levels also commonly correlate with carbonate-mineral disequilibria, with the potential of precipitation of metal sulfides (Category E), and the inapplicability of some of the adsorption indicator tests (Category D).
- Nitrate is a test indicator for redox conditions (Category C) as well as a common local contaminant.
- Dissolved iron and manganese are test indicators for redox conditions (Category C) as well as being sensitive to carbonate-mineral disequilibria (Category E), steel corrosion (Category F), and the inapplicability of some of the adsorption indicator tests (Category D).
- Total organic carbon and total Kjeldahl nitrogen are indicators of residual organic drilling products (Category B). They are also among the most relevant indicators for the long-term prognosis that

an impacted screen will recover from residual effects of drilling that involved the use of organic drilling products. At some locations, these indicators may also reflect the presence of local organic contaminants derived from treated sewage effluent.

- Carbonate alkalinity is sensitive to most drilling-related conditions: residual inorganic drilling products (Category A), oxidation or breakdown of residual organic drilling products (Category B), redox conditions (Category C), potential adsorption of selected metals (Category D), carbonate-mineral disequilibria (Category E), as well as being associated with local contaminants.

Data from ineligible sampling events such as indicator suites and other special studies have been included in the plots to elucidate geochemical trends. The majority of the plotted data are for filtered samples; data from nonfiltered samples are used only if no filtered samples were collected or if data for nonfiltered samples are more appropriate (e.g., total organic carbon). The graphs do not distinguish between nonfiltered and filtered samples, nor is any distinction made between classification of a result as detected or not detected. Such simplifications of the plotted data are justified in this case because the inclusion of such information on the figures generally would not affect the user's interpretation of the overall data trends.

In summary, the 2008 Interim Plan takes into consideration the water-quality evaluations in this appendix to update analytical suite assignments for 81 screens in 43 deep characterization wells. Excluded from this screen tally are three screens that have not yielded water-quality samples in the past couple years because they have been dry (R-5 screen 1 and R-7 screens 1 and 2). The assigned suite is unchanged from that in the 2007 Interim Plan for 60 of those 81 screens (74%). Sixteen screens that were assigned to the indicator constituent suite in the 2007 Interim Plan and that remain assigned to that suite in the 2008 Interim Plan are as follows:

- Fifteen regional aquifer screens: R-5 screen 4, R-7 screen 3, R-16 screens 2 and 4, R-19 screens 5, 6 and 7, R-22 screens 1, 4 and 5, CdV-R-15-3 screen 5, CdV-R-37-2 screens 2 and 4, R-31 screens 2 and 3

- One intermediate perched screen: R-25 screen 2

The 21 well screens assigned to a different sampling suite in the 2008 Interim Plan, as compared to the 2007 Interim Plan, are as follows:

- Thirteen of the 81 screens (16%) assigned to the indicator constituent suite in the 2007 Interim Plan are upgraded to unrestricted suites in the 2008 Interim Plan: CdV-16-2(i)r, R-5 screens 2 and 3, R-6, R-9i screens 1 and 2, R-19 screens 2 and 3, R-20 screens 1 and 2, R-22 screen 3, and R-25 screens 1 and 4;
- Two of the 81 screens (2.5%) assigned to unrestricted suites in the 2007 Interim Plan are downgraded to the indicator constituent suite in the 2008 Interim Plan: CdV-R-15-3 screen 6 and R-12 screen 1;
- Two of the 81 screens (2.5%) are newly added to the 2008 Interim Plan, with no sampling restrictions (R-35a and R-35b, both in the regional aquifer); and
- Four of the 81 screens (5%) have been removed from the 2008 Interim Plan as a result of well conversion and screen abandonment: R-12 screen 3, R-14 screen 2, R-20 screen 3, and R-32 screen 3, all in the regional aquifer.

Altogether, 18 of 81 screens (22%) are assigned to the indicator constituent suite in the 2008 Interim Plan, compared to 31 of 79 screens (39%) assigned to the indicator constituent suite in the 2007 Interim Plan.

F-5.0 REFERENCES

The following list includes all documents cited in this appendix. Parenthetical information following each reference provides the author(s), publication date, and ER ID number. This information is also included in text citations. ER ID numbers are assigned by the Environmental Programs Directorate's Records Processing Facility (RPF) and are used to locate the document at the RPF and, where applicable, in the master reference set.

Copies of the master reference set are maintained at the New Mexico Environment Department Hazardous Waste Bureau; the U.S. Department of Energy–Los Alamos Site Office; the U.S. Environmental Protection Agency, Region 6; and the Directorate. The set was developed to ensure that the administrative authority has all material needed to review this document, and it is updated with every document submitted to the administrative authority. Documents previously submitted to the administrative authority are not included.

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LANL (Los Alamos National Laboratory), March 2008. "Well R-14 Rehabilitation and Conversion Summary Report," Los Alamos National Laboratory document LA-UR-08-1539, Los Alamos, New Mexico. (LANL 2008, 101462)

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NMED (New Mexico Environment Department), August 20, 2007. "Approval of the Workplan for R-Well Rehabilitation and Replacement, Revision 2," New Mexico Environment Department letter to D. Gregory (DOE LASO) and D. McInroy (LANL) from J.P. Bearzi (NMED HWB), Santa Fe, New Mexico. (NMED 2007, 098182)

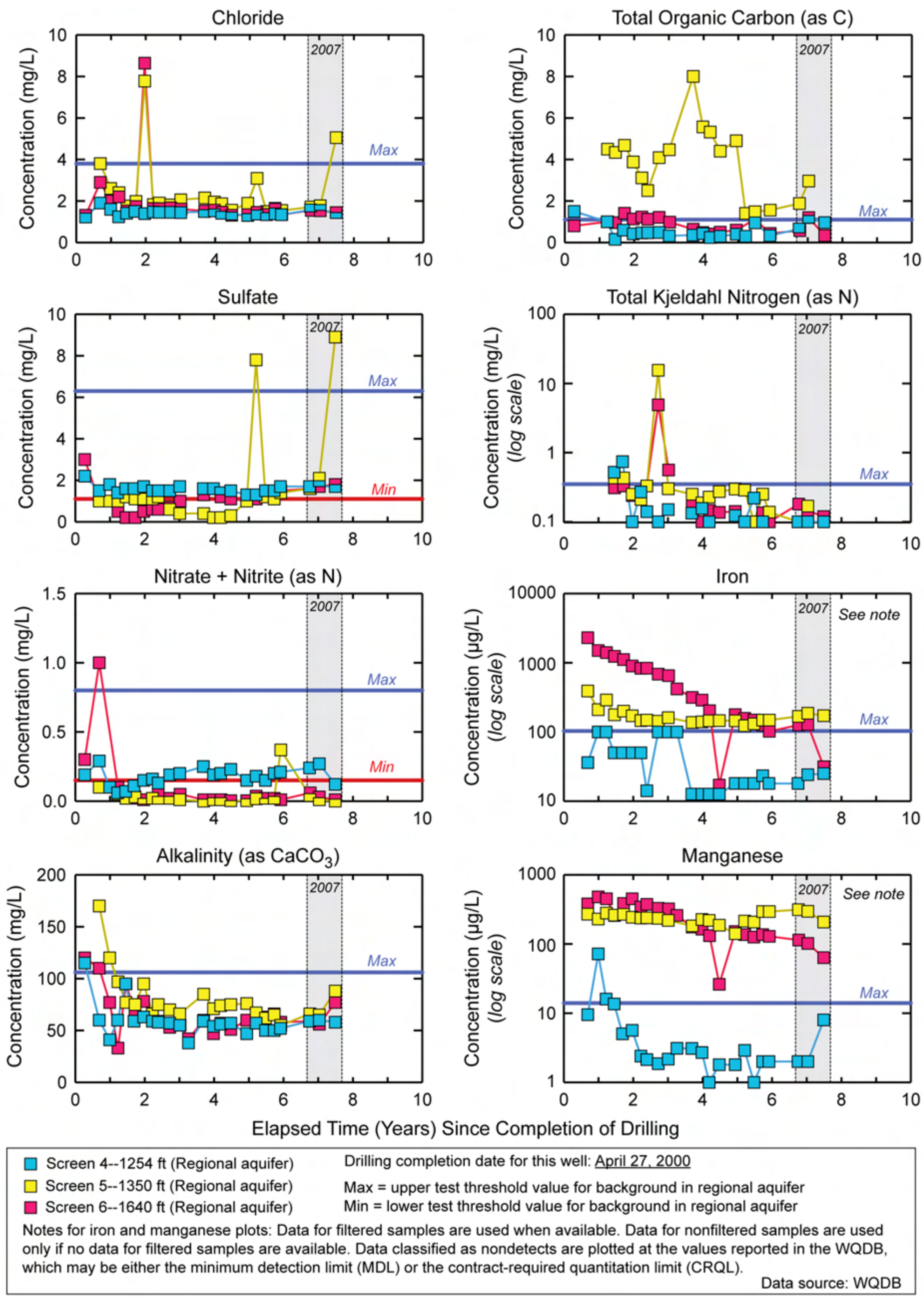
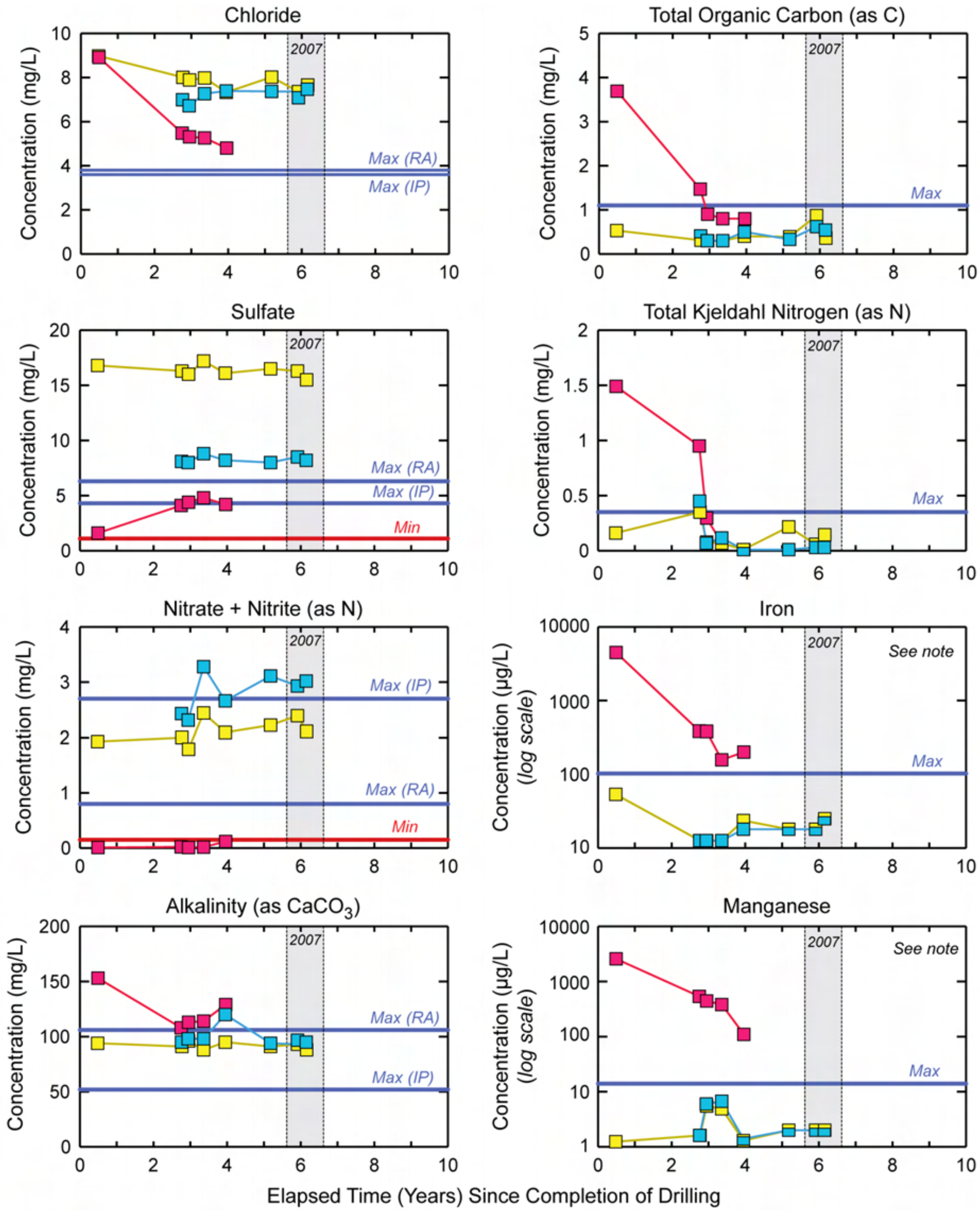


Figure F-4.0-1 Geochemical trends in CdV-R-15-3 screens 4, 5, and 6



Screen 2--384 ft (Intermediate perched)
Screen 3--719 ft (Regional aquifer)
Screen 4--861 ft (Regional aquifer)

Drilling completion date for this well: May 20, 2001

Max = upper test threshold value for background
Min = lower test threshold value for background

RA = regional aquifer
IP = intermediate perched

Notes for iron and manganese plots: Data for filtered samples are used when available. Data for nonfiltered samples are used only if no data for filtered samples are available. Data classified as nondetects are plotted at the values reported in the WQDB, which may be either the minimum detection limit (MDL) or the contract-required quantitation limit (CRQL).

Data source: WQDB

Figure F-4.0-2 Geochemical trends in R-5 screens 2, 3, and 4

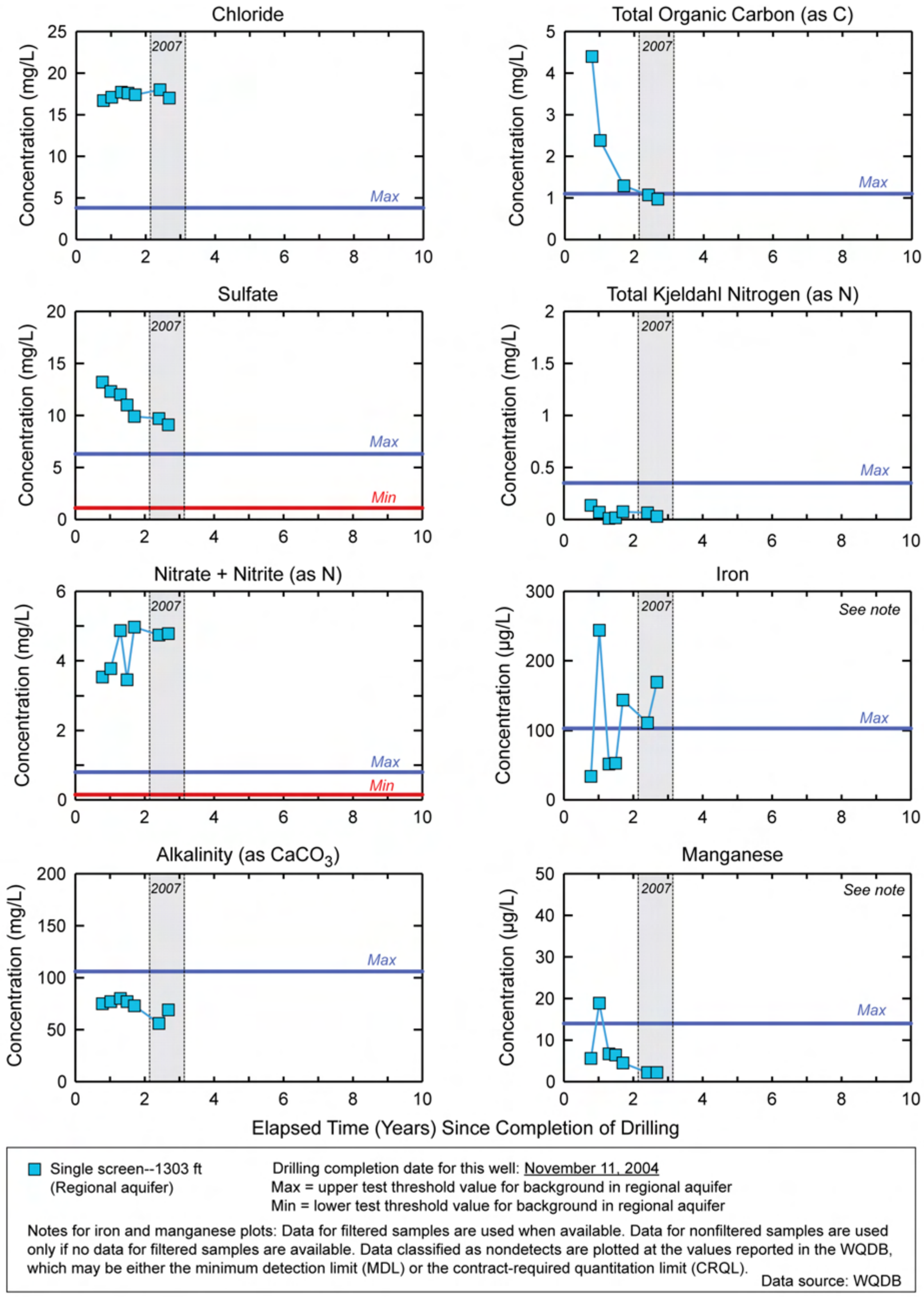


Figure F-4.0-3 Geochemical trends in R-6

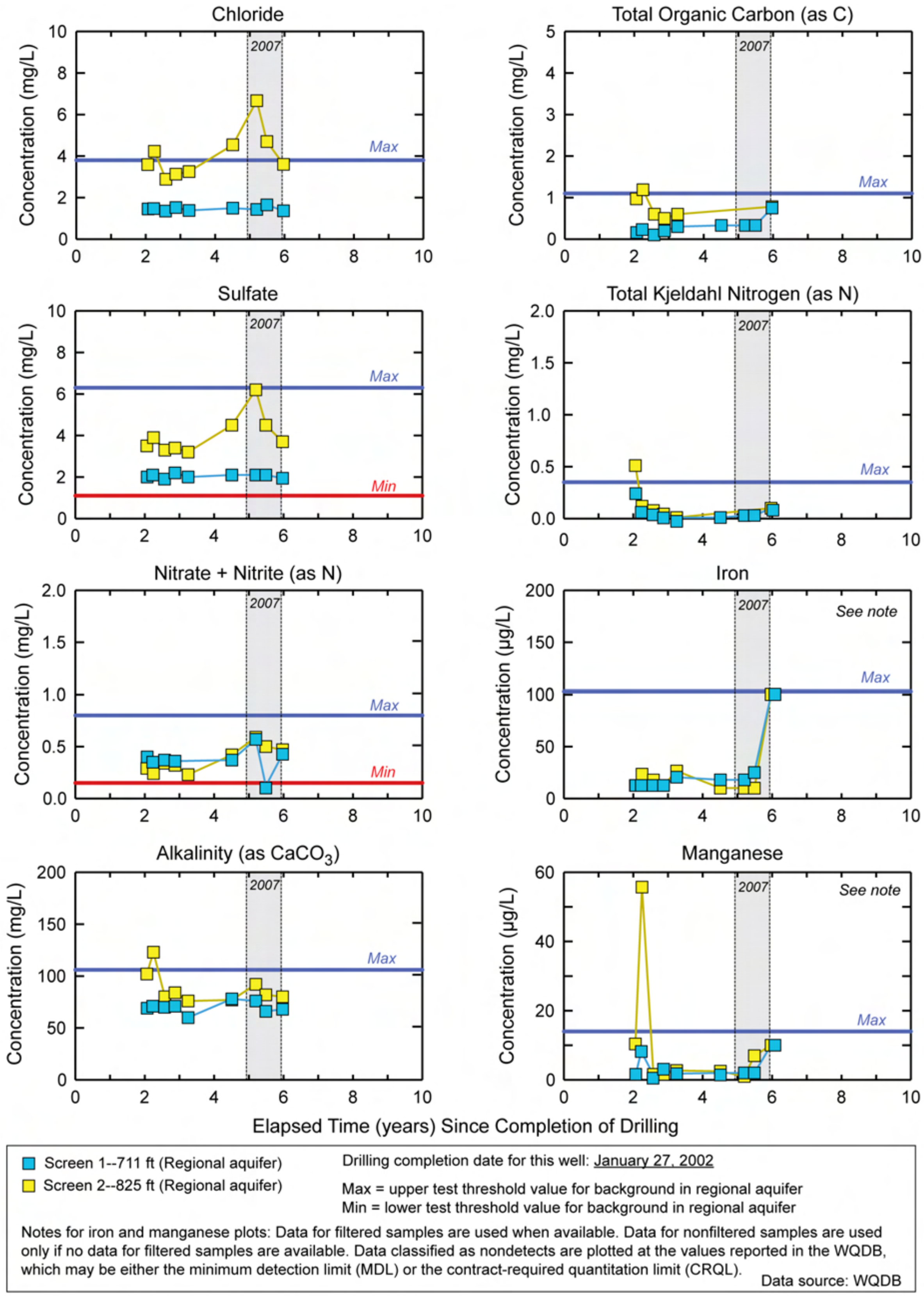


Figure F-4.0-4 Geochemical trends in R-8 screens 1 and 2

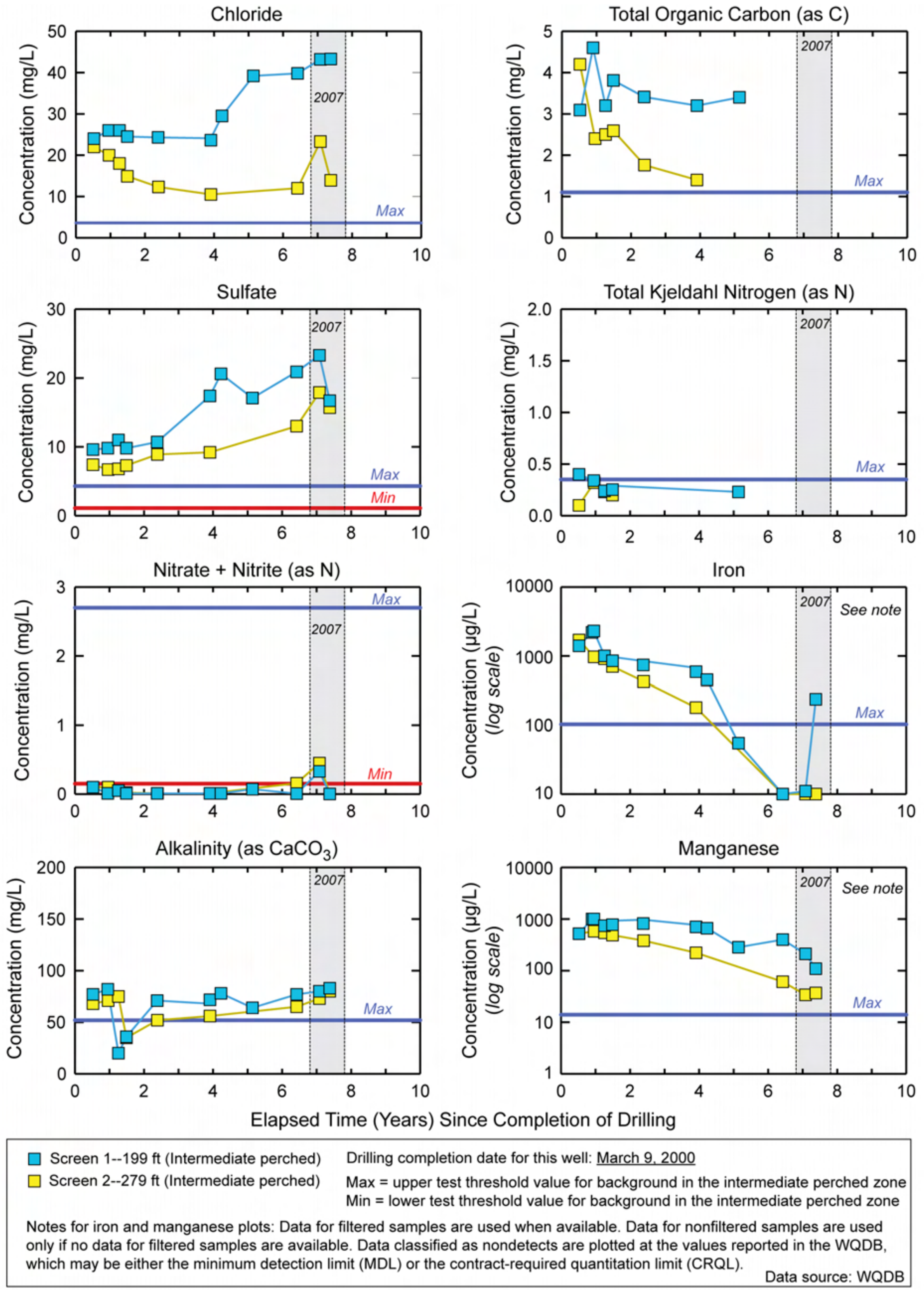


Figure F-4.0-5 Geochemical trends in R-9i screens 1 and 2

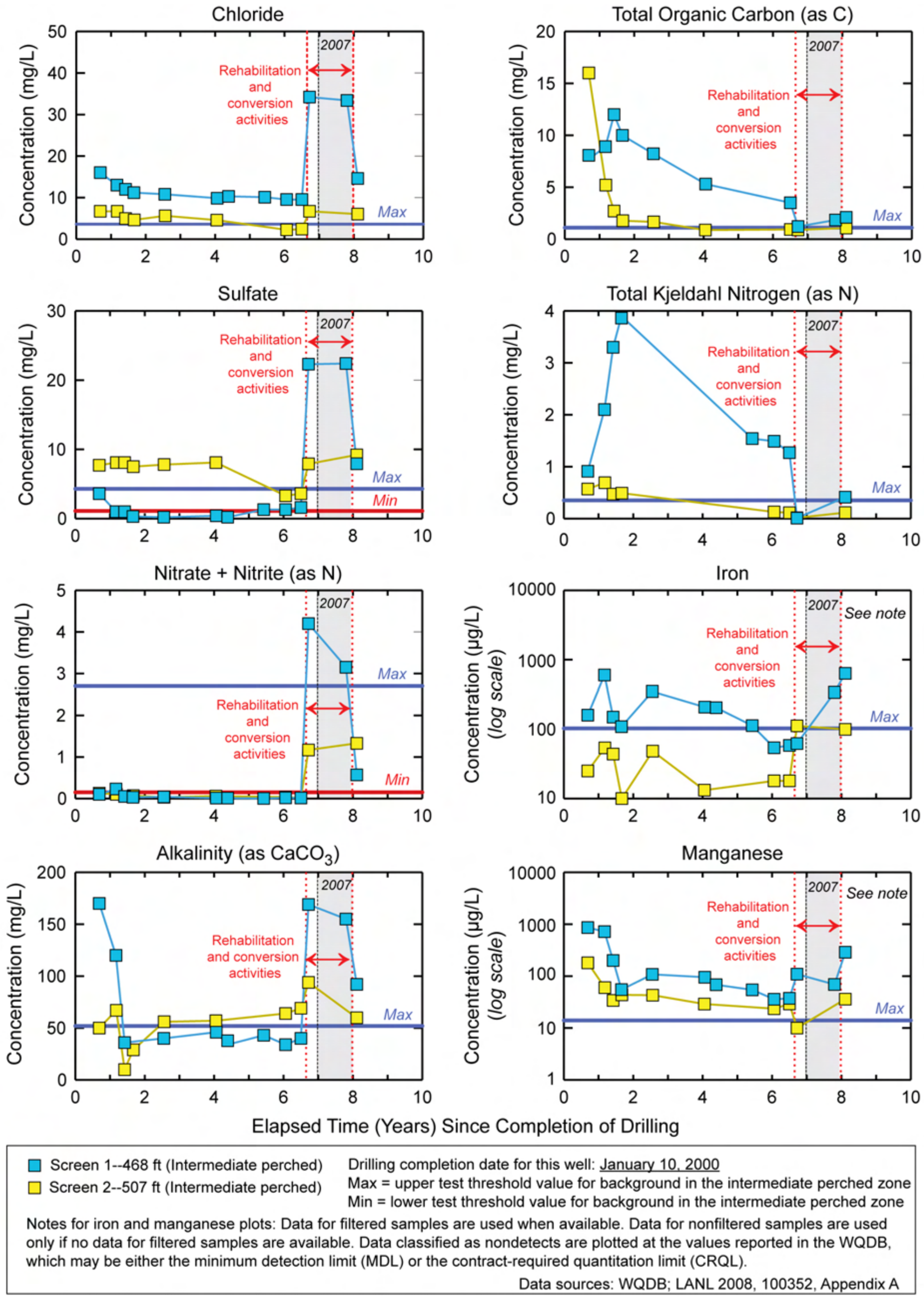
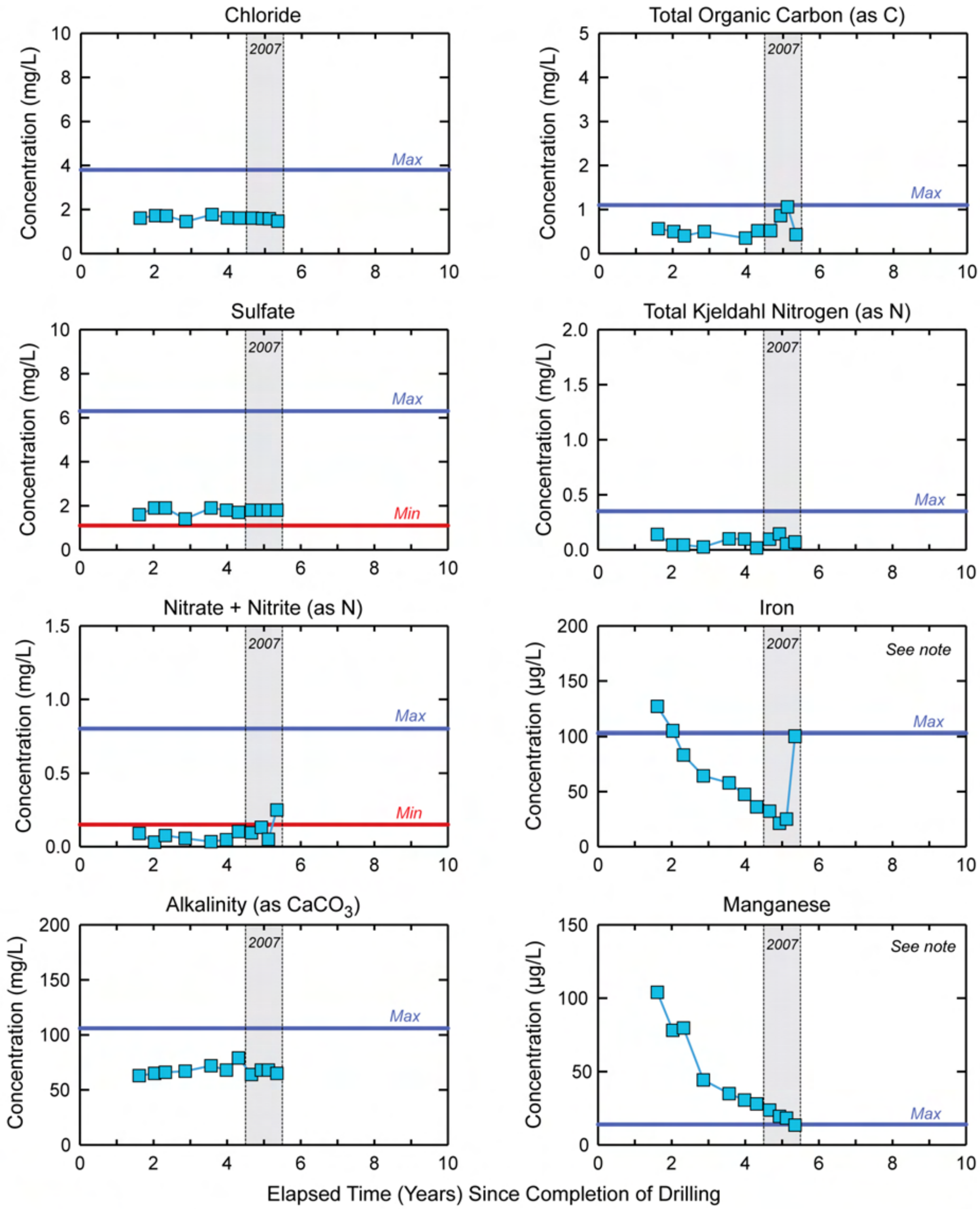


Figure F-4.0-6 Geochemical trends in R-12 screens 1 and 2



Screen 1--1204 ft (Regional aquifer)

Drilling completion date for this well: July 2, 2002
Max = upper test threshold value for background in regional aquifer
Min = lower test threshold value for background in regional aquifer

Notes for iron and manganese plots: Data for filtered samples are used when available. Data for nonfiltered samples are used only if no data for filtered samples are available. Data classified as nondetects are plotted at the values reported in the WQDB, which may be either the minimum detection limit (MDL) or the contract-required quantitation limit (CRQL).

Data source: WQDB

Figure F-4.0-7 Geochemical trends in R-14 screen 1

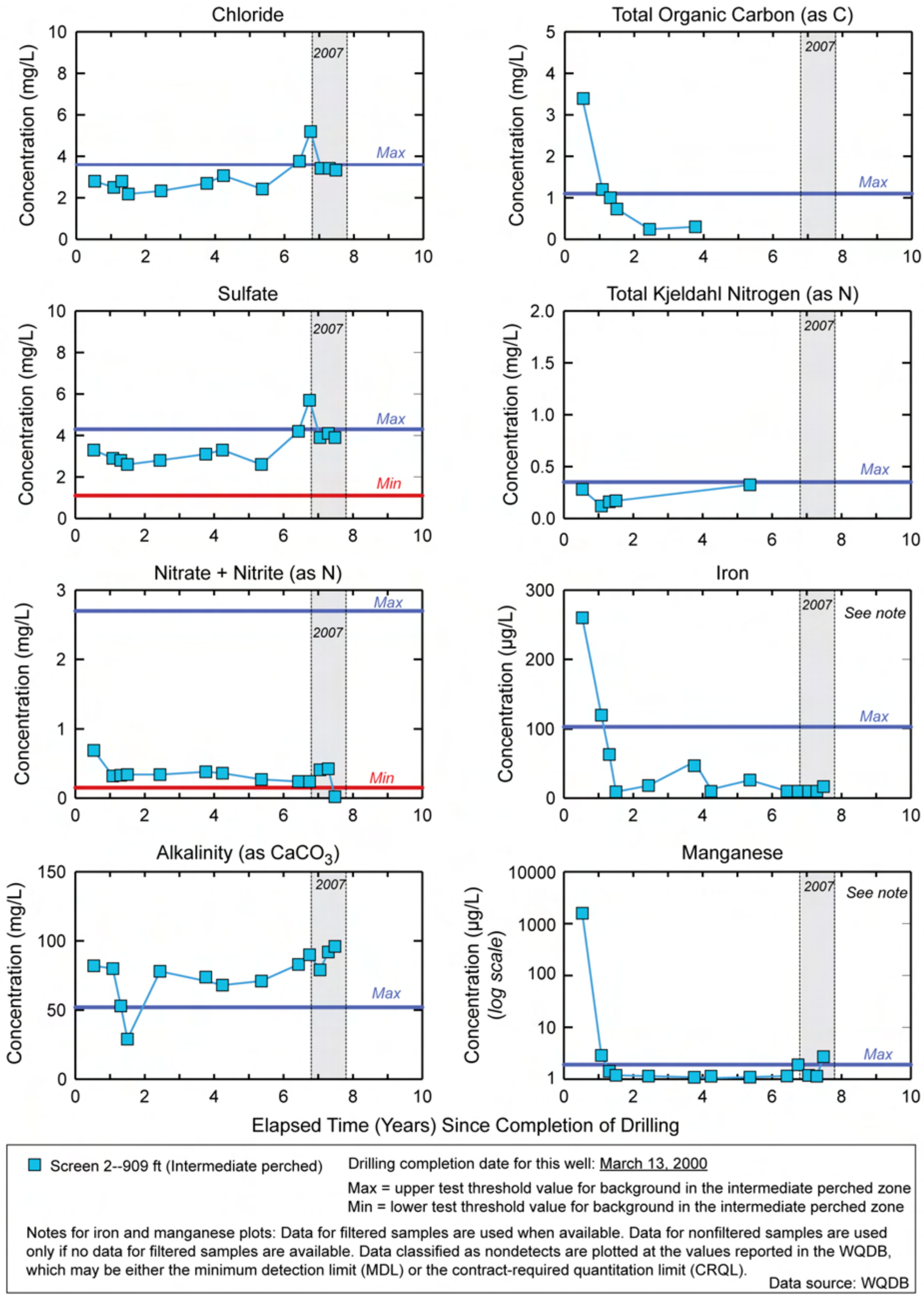


Figure F-4.0-8a Geochemical trends in R-19: (a) screen 2

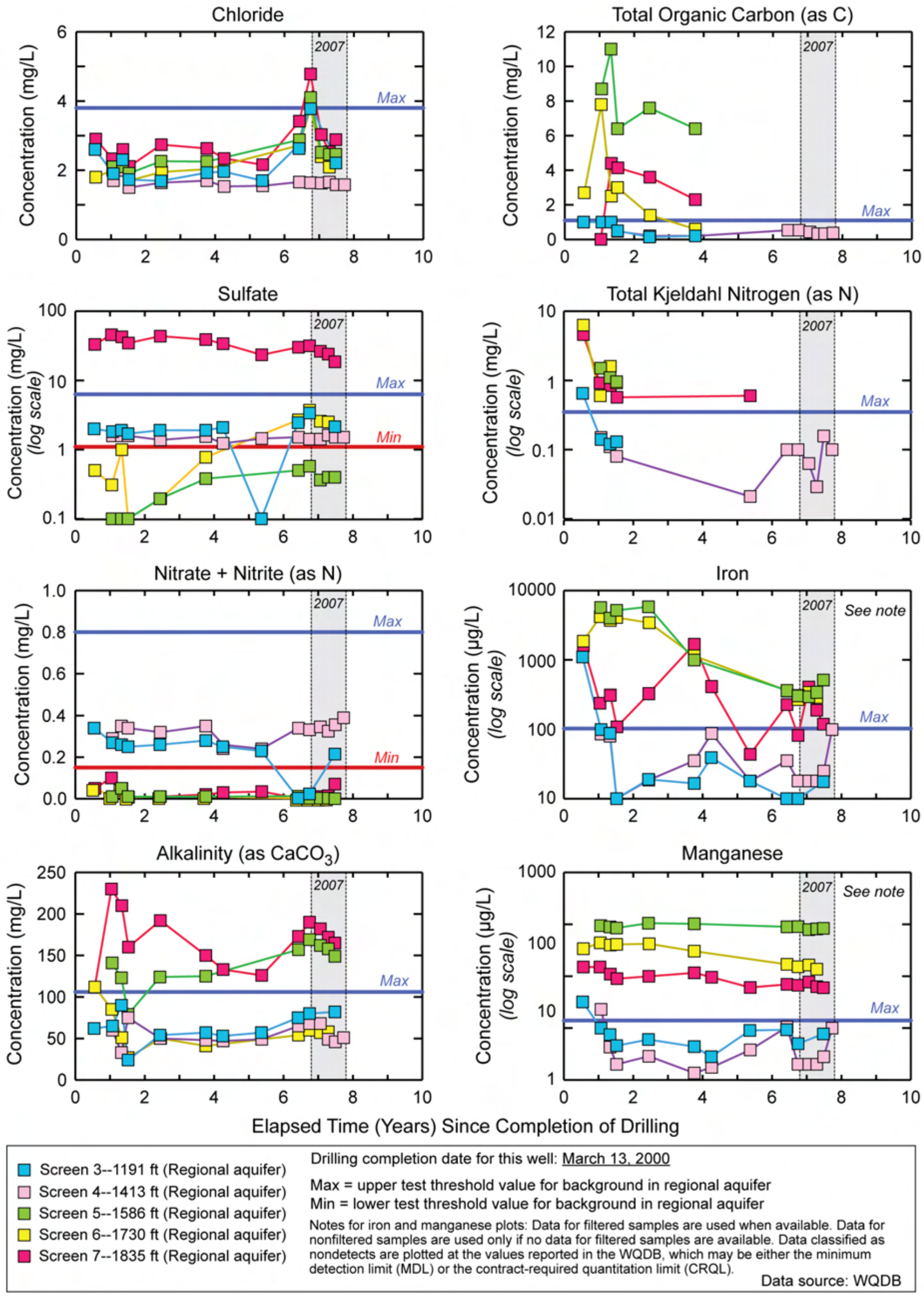


Figure F-4.0-8b Geochemical trends in R-19: (b) screens 3, 4, 5, 6, and 7

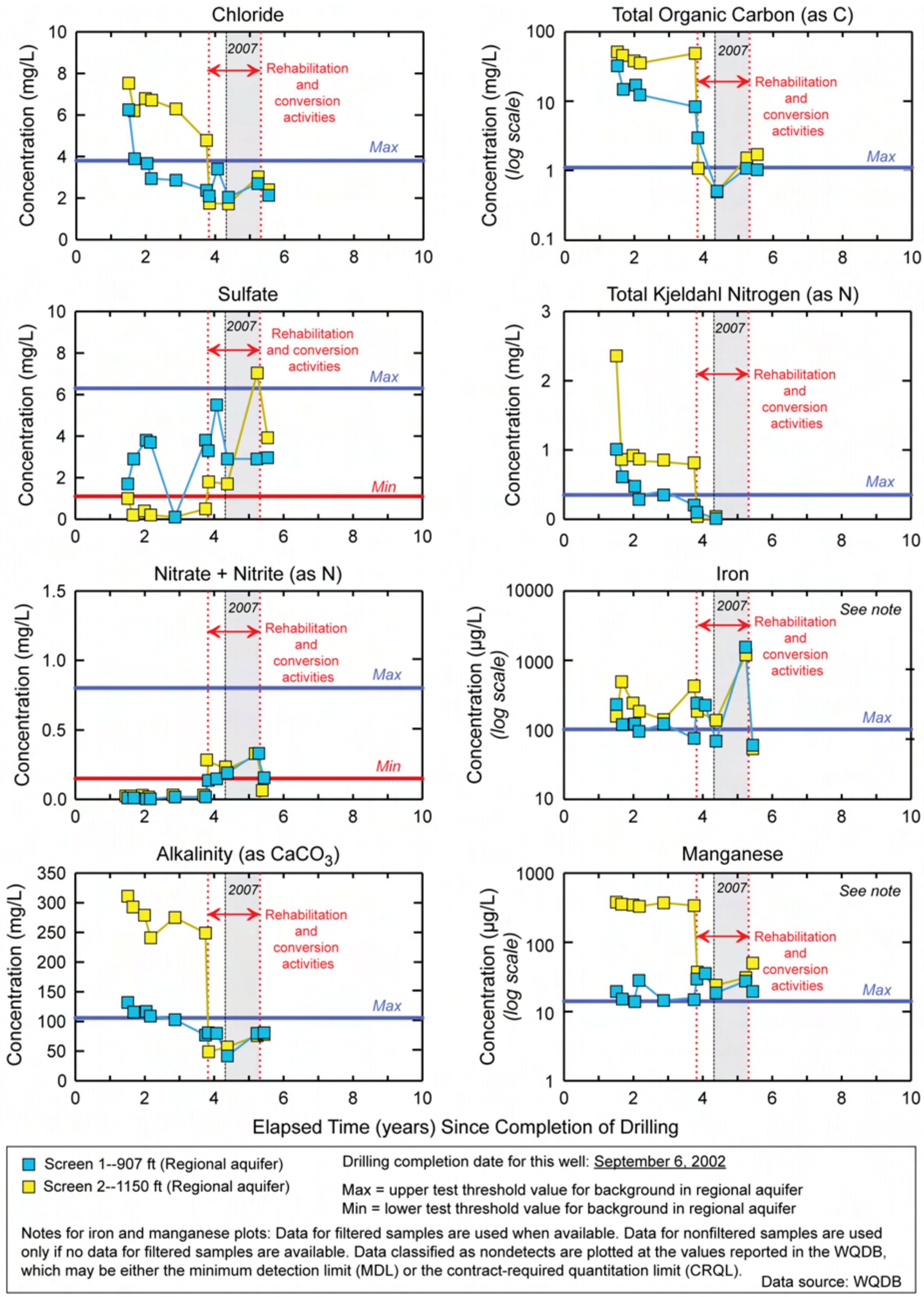


Figure F-4.0-9 Geochemical trends in R-20 screens 1 and 2

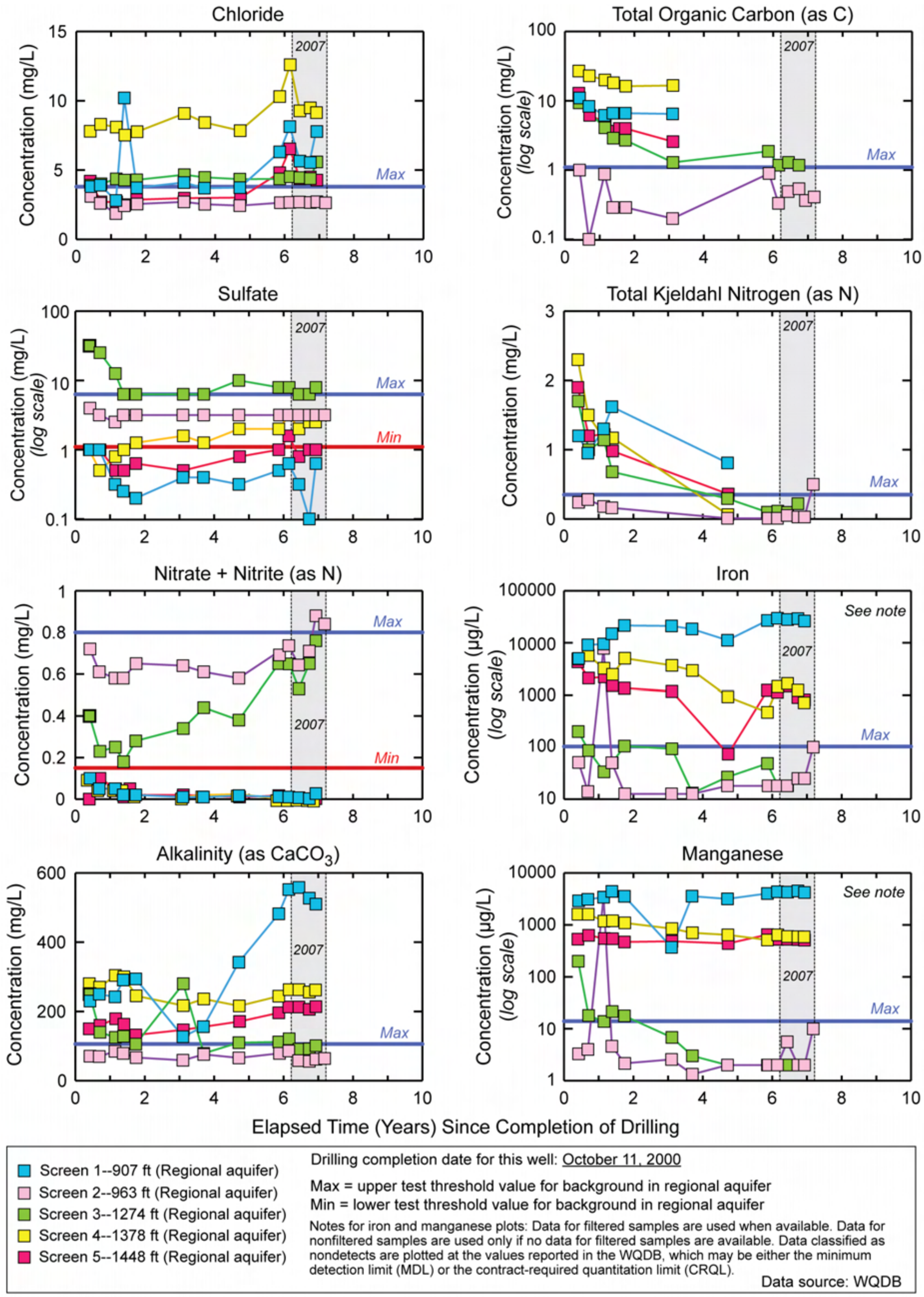


Figure F-4.0-10 Geochemical trends in R-22 screens 1, 2, 3, 4, and 5

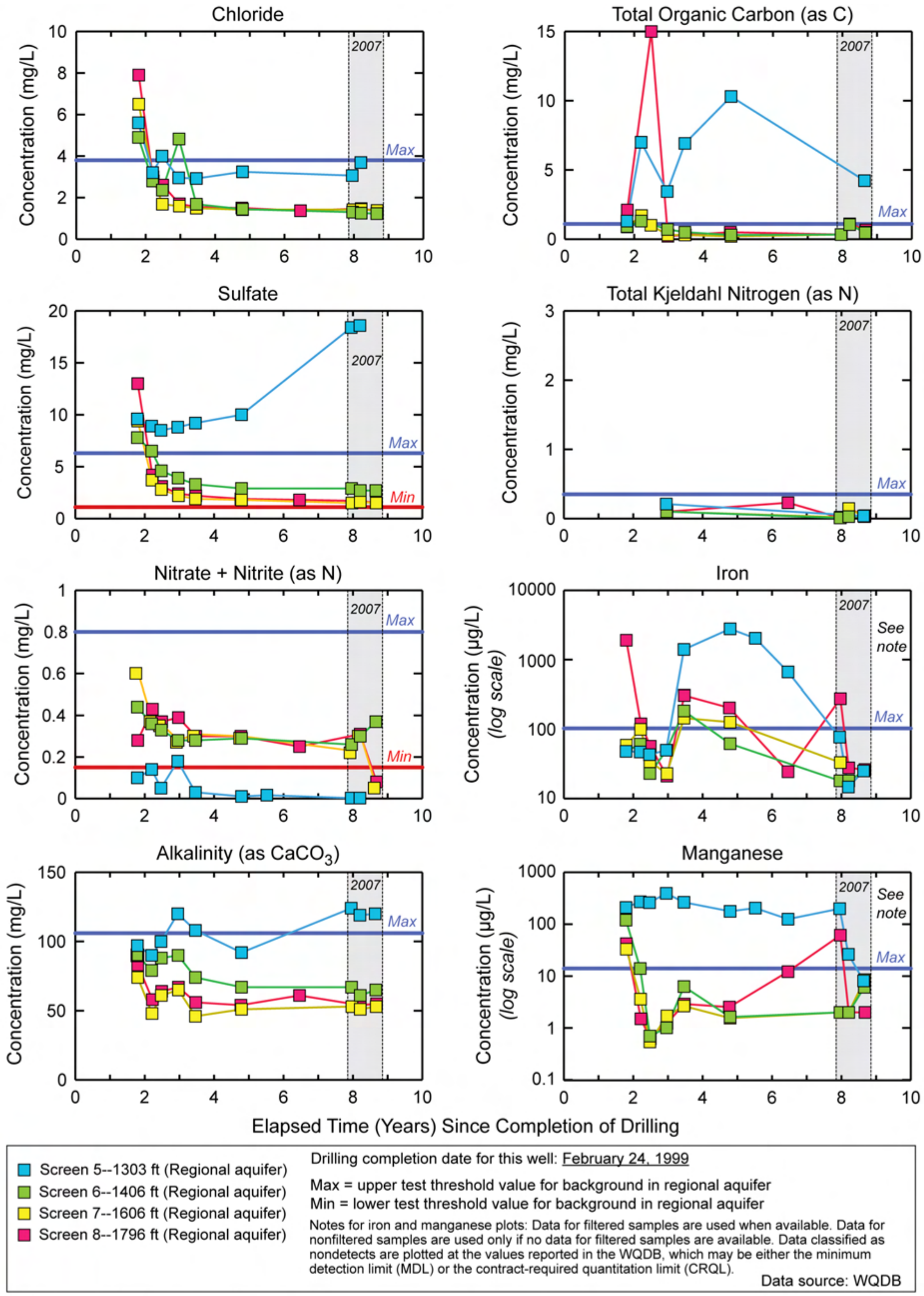


Figure F-4.0-11 Geochemical trends in R-25 screens 5, 6, 7 and 8

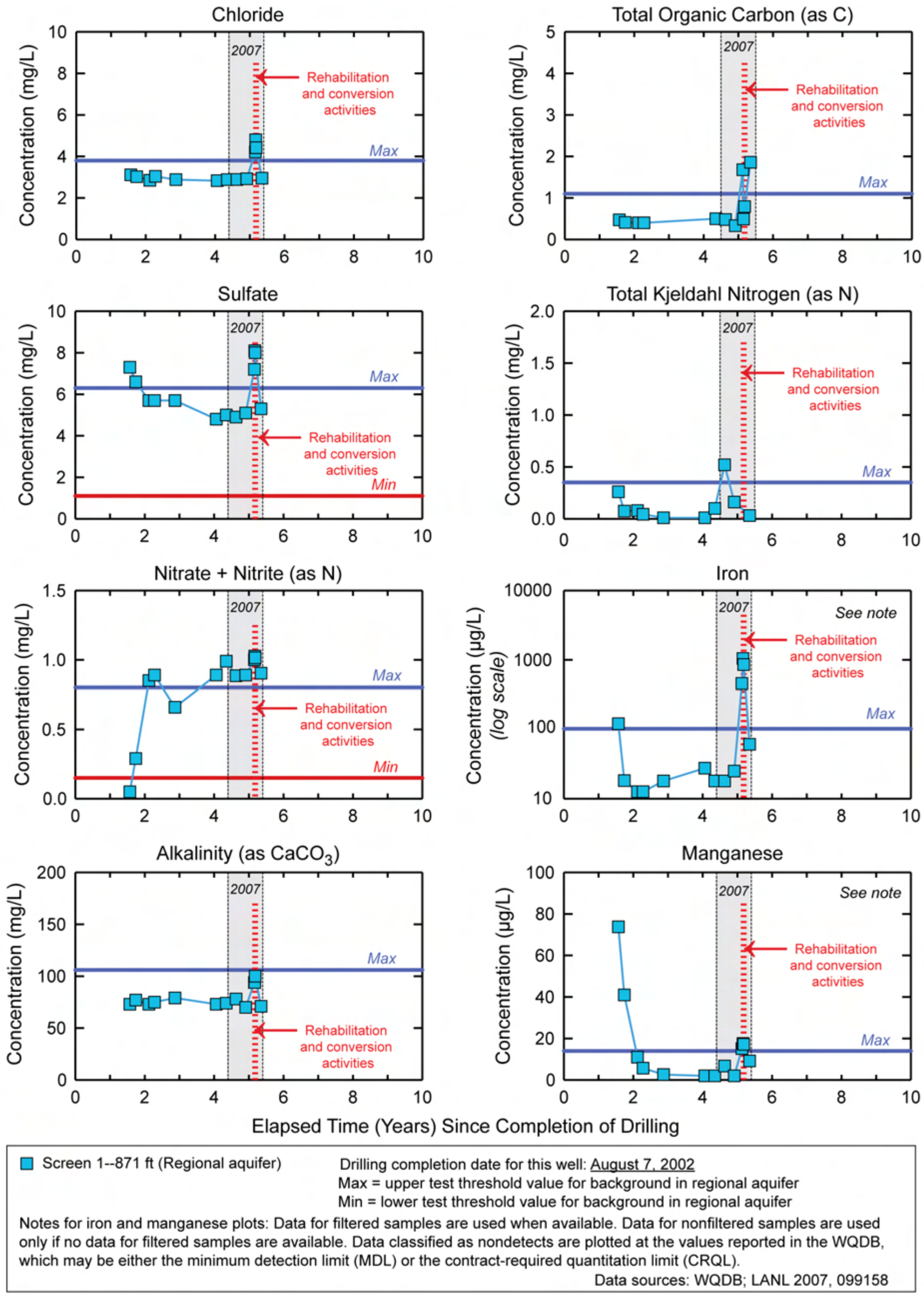


Figure F-4.0-12 Geochemical trends in R-32 screen 1

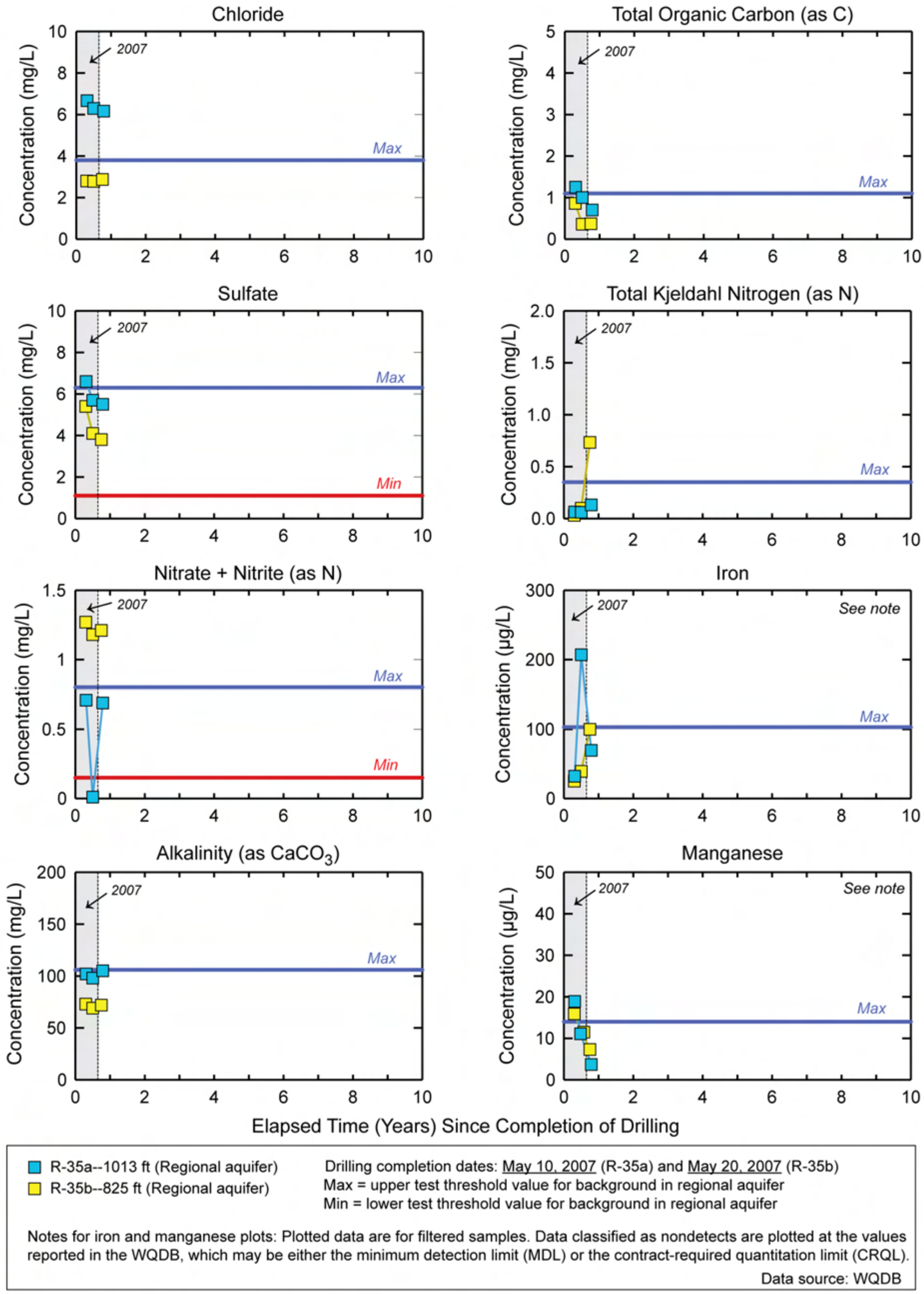


Figure F-4.0-13 Geochemical trends in R-35a and R-35b

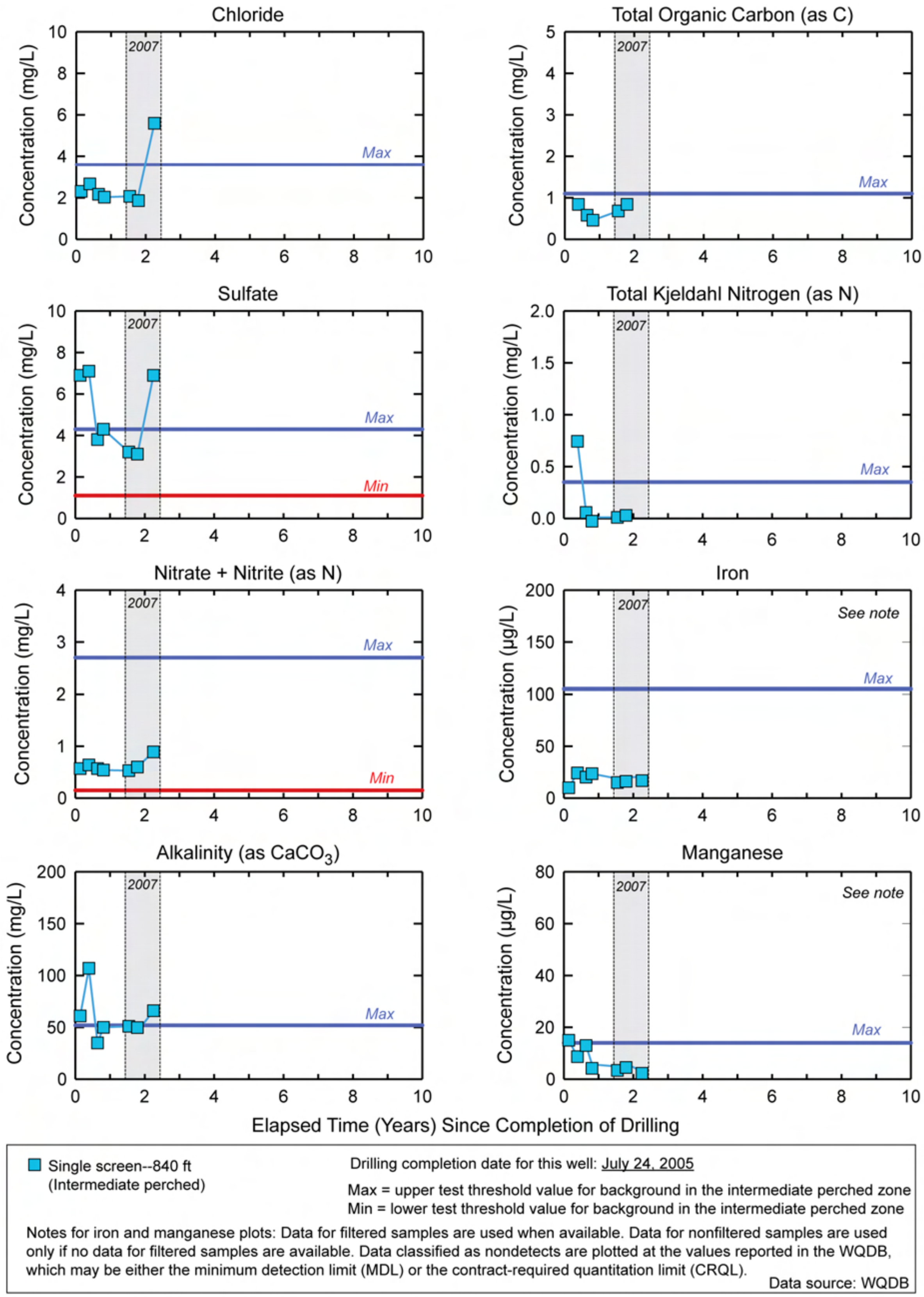


Figure F-4.0-14 Geochemical trends in CdV-16-2(i)r

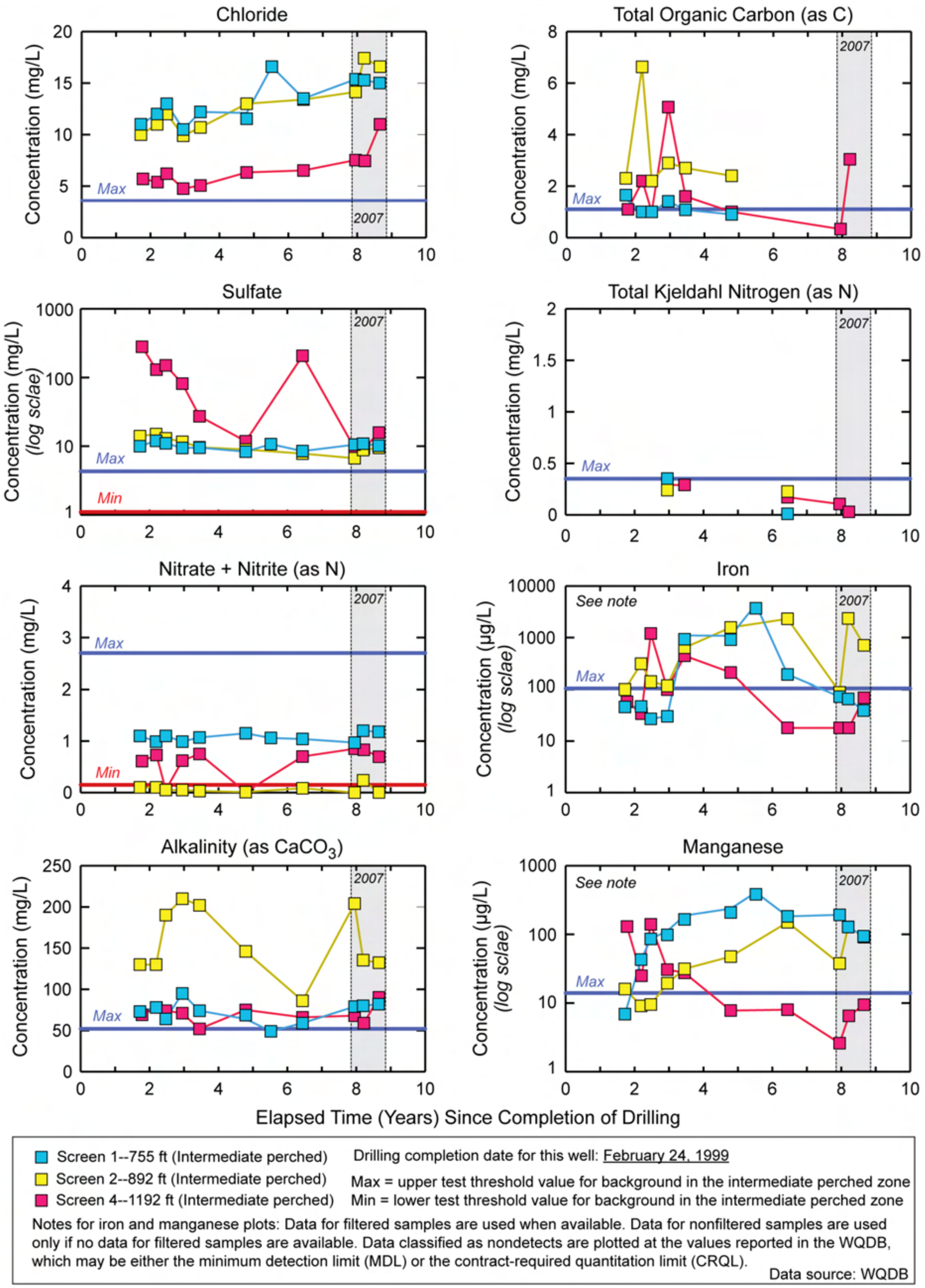


Figure F-4.0-15 Geochemical trends in R-25 screens 1, 2, and 4

Table F-2.0-1
Summary of Data Quality Evaluation Test Outcomes for Groundwater Sampling Events in 2007

Well Screen	Start Date	Limited Analytical Suite Sent to EES-6[a]	Number of Test Outcomes[b]		% Pass	Categories of Residual Effects of Drilling (see text for descriptions)							Residual Effects of Drilling Present[f]	Applicable Notes[g]
						Category A	Category B	Category C	Category D	Category E	Category F	General Indicator Category[e]		
			Pass	Fail		Residual Inorganics	Residual Organics	Redox[c]	Enhanced Sorption[d]	Carbonate System	Steel Corrosion			
Los Alamos Watershed (includes Pueblo Canyon)														
R-2	17-Apr-07	—	38	2	95	Pass	Pass	Pass	Pass	Pass	Fail	Fail	—	F1, G2
R-2	16-Jul-07	—	41	0	100	Pass	Pass	Pass	Pass	Pass	Pass	Pass	—	—
R-3i	11-Jan-07	—	28	5	85	Pass	Pass	Pass	Pass	Fail	Pass	Fail	—	E1, G1
R-3i	09-Apr-07	—	26	5	84	Pass	Pass	Pass	Pass	Fail	Pass	Fail	—	E1, G1
R-3i	20-Jul-07	—	26	5	84	Pass	Pass	Pass	Pass	Fail	Pass	Fail	—	E1, G1
R-4	17-Apr-07	—	33	1	97	Pass	Pass	Fe/Mn	Pass	Pass	Pass	Pass	—	C2
R-4	18-Jul-07	—	34	0	100	Pass	Pass	Pass	Pass	Pass	Pass	Pass	—	—
R-5 screen 2	17-Apr-07	—	29	1	97	Pass	Pass	Pass	Pass	Pass	Pass	Fail	—	G1
R-5 screen 2	16-Jul-07	—	29	1	97	Pass	Pass	Pass	Pass	Pass	Pass	Fail	—	G1
R-5 screen 3	18-Apr-07	—	31	0	100	Pass	Pass	Pass	Pass	Pass	Pass	Pass	—	—
R-5 screen 3	17-Jul-07	—	30	0	100	Pass	Pass	Pass	Pass	Pass	Pass	Pass	—	—
R-5 screen 4	Not sampled in 2007	—	n/a[h]	n/a	n/a	*No data*	*No data*	*No data*	*No data*	*No data*	*No data*	*No data*	See evaluation in Table F-3.0-1	
R-6	12-Apr-07	—	40	0	100	Pass	Pass	Pass	Pass	Pass	Pass	Pass	—	—
R-6	17-Jul-07	—	40	1	98	Pass	Pass	Pass	Pass	Pass	Pass	Fail	—	G2
R-6i	12-Apr-07	—	28	2	93	Pass	Pass	Pass	Pass	Fail	Pass	Fail	—	E1, G1
R-6i	17-Jul-07	—	29	2	94	Pass	Pass	Pass	Pass	Fail	Pass	Fail	—	E1, G1
R-7 screen 3	13-Apr-07	Yes	21	10	68	Pass	*No data*	SO_4	Fail-Sr	Fail	Pass	Fail	C, E	G1
R-7 screen 3	31-Jul-07	Yes	22	10	69	Pass	*No data*	SO_4	Fail-Sr	Fail	Pass	Fail	C, E	G1
R-8 screen 1	10-Apr-07	—	37	0	100	Pass	Pass	Pass	Pass	Pass	Pass	Pass	—	—
R-8 screen 1	24-Jul-07	—	35	1	97	Pass	Pass	NO_3	Pass	Pass	Pass	Pass	—	C2
R-8 screen 1	16-Jan-08	—	39	0	100	Pass	Pass	Pass	Pass	Pass	Pass	Pass	—	—
R-8 screen 2	10-Apr-07	Yes	30	4	88	Fail	*No data*	Pass	Pass	Fail	Pass	Fail	A, E	B2, G1
R-8 screen 2	25-Jul-07	Yes	30	3	91	Fail	*No data*	Pass	Pass	Fail	Pass	Fail	A, E	B2, G1
R-8 screen 2	15-Jan-08	—	37	2	95	Pass	Pass	Pass	Pass	Fail	Pass	Fail	E	G1

Table F-2.0-1 (continued)

Well Screen	Start Date	Limited Analytical Suite Sent to EES-6[a]	Number of Test Outcomes[b]		% Pass	Categories of Residual Effects of Drilling (see text for descriptions)							Residual Effects of Drilling Present[f]	Applicable Notes[g]
						Category A	Category B	Category C	Category D	Category E	Category F			
			Pass	Fail		Residual Inorganics	Residual Organics	Redox[c]	Enhanced Sorption[d]	Carbonate System	Steel Corrosion	General Indicator Category[e]		
R-9	10-Apr-07	—	30	5	86	Pass	Pass	Pass	Pass	Fail	Pass	Fail	—	E1, G1, G2
R-9	19-Jul-07	—	32	4	89	Pass	Pass	Pass	Pass	Fail	Pass	Fail	—	E1, G1, G2
R-9i screen 1	09-Apr-07	Yes	21	6	78	Pass	*No data*	Fe/Mn	Pass	Fail	Pass	Pass	—	B1/B3, C1, E1
R-9i screen 1	27-Jul-07	Yes	21	7	75	Pass	*No data*	Fe/Mn	Pass	Fail	Pass	Pass	—	B1/B3, C1, E1
R-9i screen 2	09-Apr-07	Yes	25	3	89	Pass	*No data*	Fe/Mn	Pass	Fail	Pass	Fail	—	B1/B3, C1, E1, G1
R-9i screen 2	27-Jul-07	Yes	25	4	86	Pass	*No data*	Fe/Mn	Pass	Fail	Pass	Fail	—	B1/B3, C1, E1, G1
R-24	16-Apr-07	—	29	4	88	Pass	Pass	Fe/Mn	Pass	Pass	Pass	Fail	—	C2, G1
R-24	18-Jul-07	—	34	0	100	Pass	Pass	Pass	Pass	Pass	Pass	Pass	—	—
Sandia Watershed														
R-10a	20-Feb-07	—	33	0	100	Pass	Pass	Pass	Pass	Pass	Pass	Pass	—	—
R-10a	19-Jun-07	—	32	0	100	Pass	Pass	Pass	Pass	Pass	Pass	Pass	—	—
R-10a	15-Aug-07	—	31	1	97	Pass	Pass	Pass	Pass	Pass	Fail	Pass	—	F1
R-10a	15-Nov-07	—	32	0	100	Pass	Pass	Pass	Pass	Pass	Pass	Pass	—	—
R-10 screen 1	21-Feb-07	—	37	1	97	Pass	Pass	Pass	Pass	Pass	Pass	Fail	—	G2
R-10 screen 1	19-Jun-07	—	39	1	98	Pass	Pass	Pass	Pass	Pass	Pass	Fail	—	G2
R-10 screen 1	15-Aug-07	—	38	1	97	Pass	Pass	Pass	Pass	Pass	Pass	Fail	—	G2
R-10 screen 1	15-Nov-07	—	37	2	95	Pass	Pass	Pass	Pass	Pass	Pass	Fail	—	G1, G2
R-10 screen 2	21-Feb-07	—	37	1	97	Pass	Pass	Pass	Pass	Pass	Pass	Fail	—	G2
R-10 screen 2	19-Jun-07	—	39	1	98	Pass	Pass	Pass	Pass	Pass	Pass	Fail	—	G2
R-10 screen 2	15-Aug-07	—	39	0	100	Pass	Pass	Pass	Pass	Pass	Pass	Pass	—	—
R-10 screen 2	15-Nov-07	—	38	1	97	Pass	Pass	Pass	Pass	Pass	Pass	Fail	—	G2
R-11	13-Feb-07	—	34	0	100	Pass	Pass	Pass	Pass	Pass	Pass	Pass	—	—
R-11	13-Jun-07	—	34	0	100	Pass	Pass	Pass	Pass	Pass	Pass	Pass	—	—

Table F-2.0-1 (continued)

Well Screen	Start Date	Limited Analytical Suite Sent to EES-6[a]	Number of Test Outcomes[b]		% Pass	Categories of Residual Effects of Drilling (see text for descriptions)							Residual Effects of Drilling Present[f]	Applicable Notes[g]
						Category A	Category B	Category C	Category D	Category E	Category F	General Indicator Category[e]		
			Pass	Fail		Residual Inorganics	Residual Organics	Redox[c]	Enhanced Sorption[d]	Carbonate System	Steel Corrosion			
R-11	17-Aug-07	—	34	0	100	Pass	Pass	Pass	Pass	Pass	Pass	Pass	—	—
R-11	07-Nov-07	—	34	0	100	Pass	Pass	Pass	Pass	Pass	Pass	Pass	—	—
R-12 screen 1	29-Oct-07	Yes	15	4	79	Indeter[i]	Fail	SO_4	Pass	Indeter	Pass	Pass	B, C	—
R-12 screen 1	20-Feb-08	—	23	11	68	Pass	Fail	Fe/Mn	Pass	Fail	Pass	Fail	B, C, E	G1, G3
R-12 screen 2	Not sampled in 2007	—	n/a	n/a	n/a	*No data*	*No data*	*No data*	*No data*	*No data*	*No data*	*No data*	See evaluation in Table F-3.0-1	
R-12 screen 2	21-Feb-08	—	32	2	94	Pass	Pass	Fe/Mn	Pass	Pass	Pass	Fail	—	C1, G1
R-12 screen 3	Not sampled in 2007	—	n/a	n/a	n/a	*No data*	*No data*	*No data*	*No data*	*No data*	*No data*	*No data*	See evaluation in Table F-3.0-1	
R-35a	30-Aug-07	—	29	4	88	Pass	Fail	Pass	Pass	Pass	Fail	Fail	B	F1, G3
R-35a	10-Nov-07	—	34	2	94	Pass	Pass	Fe/Mn	Pass	Pass	Pass	Pass	—	C2
R-35a	21-Feb-08	—	37	0	100	Pass	Pass	Pass	Pass	Pass	Pass	Pass	—	—
R-35b	29-Aug-07	—	36	2	95	Pass	Pass	Pass	Pass	Pass	Fail	Fail	—	F2, G3
R-35b	10-Nov-07	—	35	1	97	Pass	Pass	Pass	Pass	Pass	Pass	Fail	—	G3
R-35b	07-Feb-08	—	35	1	97	Pass	Pass	Pass	Pass	Pass	Pass	Fail	—	G3
Mortandad Canyon Watershed														
R-1	07-Mar-07	—	40	0	100	Pass	Pass	Pass	Pass	Pass	Pass	Pass	—	—
R-1	11-Jun-07	—	39	1	98	Pass	Pass	Pass	Pass	Pass	Pass	Fail	—	G2
R-1	13-Aug-07	—	40	0	100	Pass	Pass	Pass	Pass	Pass	Pass	Pass	—	—
R-1	09-Nov-07	—	39	0	100	Pass	Pass	Pass	Pass	Pass	Pass	Pass	—	—
R-13	28-Feb-07	—	40	0	100	Pass	Pass	Pass	Pass	Pass	Pass	Pass	—	—
R-13	12-Jun-07	—	38	0	100	Pass	Pass	Pass	Pass	Pass	Pass	Pass	—	—
R-13	16-Aug-07	—	39	0	100	Pass	Pass	Pass	Pass	Pass	Pass	Pass	—	—
R-13	09-Nov-07	—	39	0	100	Pass	Pass	Pass	Pass	Pass	Pass	Pass	—	—
R-14 screen 1	01-Mar-07	—	33	3	92	Pass	Pass	Fe/Mn	Pass	Pass	Pass	Pass	—	C1
R-14 screen 1	05-Jun-07	—	34	3	92	Pass	Pass	Fe/Mn	Pass	Pass	Pass	Pass	—	C1
R-14 screen 1	14-Aug-07	—	34	4	89	Pass	Pass	Fe/Mn	Pass	Pass	Pass	Pass	—	C1

Table F-2.0-1 (continued)

Well Screen	Start Date	Limited Analytical Suite Sent to EES-6[a]	Number of Test Outcomes[b]		% Pass	Categories of Residual Effects of Drilling (see text for descriptions)							Residual Effects of Drilling Present[f]	Applicable Notes[g]
						Category A	Category B	Category C	Category D	Category E	Category F	General Indicator Category[e]		
			Pass	Fail		Residual Inorganics	Residual Organics	Redox[c]	Enhanced Sorption[d]	Carbonate System	Steel Corrosion			
R-14 screen 1	08-Nov-07	—	35	2	95	Pass	Pass	Fe/Mn	Pass	Pass	Pass	Fail	—	C1, G1
R-14 screen 2	01-Mar-07	Yes	24	5	83	Pass	*No data*	Fe/Mn	Pass	Pass	Pass	Pass	C	—
R-14 screen 2	04-Jun-07	Yes	23	6	79	Pass	*No data*	Fe/Mn	Pass	Pass	Pass	Fail	C	G1
R-14 screen 2	14-Aug-07	Yes	24	5	83	Pass	*No data*	Fe/Mn	Pass	Pass	Pass	Pass	C	—
R-15	28-Feb-07	—	34	0	100	Pass	Pass	Pass	Pass	Pass	Pass	Pass	—	—
R-15	12-Jun-07	—	35	0	100	Pass	Pass	Pass	Pass	Pass	Pass	Pass	—	—
R-15	16-Aug-07	—	34	0	100	Pass	Pass	Pass	Pass	Pass	Pass	Pass	—	—
R-15	12-Nov-07	—	35	0	100	Pass	Pass	Pass	Pass	Pass	Pass	Pass	—	—
R-16 screen 2	08-Mar-07	Yes	36	6	86	Pass	*No data*	Fe/Mn	Pass	Pass	Pass	Fail	C	G1
R-16 screen 2	06-Jun-07	Yes	31	3	91	Pass	*No data*	Fe/Mn	Pass	Pass	Pass	Pass	C	—
R-16 screen 2	28-Aug-07	Yes	30	3	91	Pass	*No data*	Fe/Mn	Pass	Pass	Pass	Pass	C	—
R-16 screen 3	05-Mar-07	—	38	3	93	Pass	Pass	Pass	Pass	Fail	Pass	Fail	E	G1
R-16 screen 3	07-Jun-07	—	35	3	92	Pass	Pass	NO_3	Pass	Fail	Pass	Pass	C, E	—
R-16 screen 3	28-Aug-07	—	34	5	87	Pass	Pass	NO_3	Pass	Fail	Pass	Pass	C, E	—
R-16 screen 3	09-Nov-07	—	34	1	97	Pass	Pass	Pass	Pass	Pass	Pass	Fail	—	G1
R-16 screen 4	06-Mar-07	Yes	27	15	64	Fail	Fail	Fe/Mn	Pass	Fail	Pass	Fail	A, B, C, E	G1
R-16 screen 4	06-Jun-07	Yes	23	8	74	Fail	*No data*	SO_4	Pass	Fail	Pass	Fail	A, C, E	G1
R-16 screen 4	29-Aug-07	Yes	24	7	77	Fail	*No data*	Fe/Mn	Pass	Fail	Pass	Fail	A, C, E	G1
R-16r	14-Mar-07	—	40	0	100	Pass	Pass	Pass	Pass	Pass	Pass	Pass	—	—
R-16r	13-Jun-07	—	39	1	97	Pass	Pass	Pass	Pass	Pass	Pass	Fail	—	G3
R-16r	20-Aug-07	—	39	0	100	Pass	Pass	Pass	Pass	Pass	Pass	Pass	—	—
R-16r	13-Nov-07	—	40	0	100	Pass	Pass	Pass	Pass	Pass	Pass	Pass	—	—
R-21	15-Mar-07	—	41	0	100	Pass	Pass	Pass	Pass	Pass	Pass	Pass	—	—
R-21	13-Jun-07	—	39	0	100	Pass	Pass	Pass	Pass	Pass	Pass	Pass	—	—
R-21	20-Aug-07	—	39	0	100	Pass	Pass	Pass	Pass	Pass	Pass	Pass	—	—
R-21	13-Nov-07	—	39	0	100	Pass	Pass	Pass	Pass	Pass	Pass	Pass	—	—

Table F-2.0-1 (continued)

Well Screen	Start Date	Limited Analytical Suite Sent to EES-6[a]	Number of Test Outcomes[b]		% Pass	Categories of Residual Effects of Drilling (see text for descriptions)							Residual Effects of Drilling Present[f]	Applicable Notes[g]
			Pass	Fail		Category A Residual Inorganics	Category B Residual Organics	Category C Redox[c]	Category D Enhanced Sorption[d]	Category E Carbonate System	Category F Steel Corrosion	General Indicator Category[e]		
R-28	06-Mar-07	—	31	0	100	Pass	Pass	Pass	Pass	Pass	Pass	Pass	—	—
R-28	13-Jun-07	—	32	0	100	Pass	Pass	Pass	Pass	Pass	Pass	Pass	—	—
R-28	17-Aug-07	—	31	0	100	Pass	Pass	Pass	Pass	Pass	Pass	Pass	—	—
R-28	30-Nov-07	—	26	0	100	Pass	Pass	Pass	Pass	Pass	Pass	Pass	—	—
R-33 screen 1	13-Mar-07	Yes	30	3	91	Pass	*No data*	Fe/Mn	Pass	Pass	Pass	Fail	—	B2, G2
R-33 screen 1	12-Jun-07	Yes	31	3	91	Pass	*No data*	Pass	Pass	Fail	Pass	Fail	E	B2, G2
R-33 screen 1	27-Aug-07	Yes[j]	21	5	81	Pass	Pass	Fe/Mn	Pass	Pass	Pass	Fail	—	C2, G2
R-33 screen 1	08-Nov-07	—	38	0	100	Pass	Pass	Pass	Pass	Pass	Pass	Pass	—	—
R-33 screen 2	13-Mar-07	Yes	33	0	100	Pass	*No data*	Pass	Pass	Pass	Pass	Pass	—	B2
R-33 screen 2	12-Jun-07	Yes	33	0	100	Pass	*No data*	Pass	Pass	Pass	Pass	Pass	—	B2
R-33 screen 2	30-Aug-07	—	37	0	100	Pass	Pass	Pass	Pass	Pass	Pass	Pass	—	—
R-33 screen 2	19-Nov-07	—	36	3	92	Pass	Fail	Pass	Pass	Pass	Pass	Fail	—	B1, G2
R-34	13-Mar-07	—	35	0	100	Pass	Pass	Pass	Pass	Pass	Pass	Pass	—	—
R-34	20-Jun-07	—	39	0	100	Pass	Pass	Pass	Pass	Pass	Pass	Pass	—	—
R-34	14-Aug-07	—	37	0	100	Pass	Pass	Pass	Pass	Pass	Pass	Pass	—	—
R-34	14-Nov-07	—	39	0	100	Pass	Pass	Pass	Pass	Pass	Pass	Pass	—	—
Pajarito Canyon Watershed														
R-17 screen 1	22-Feb-07	—	36	1	97	Pass	Pass	Pass	Pass	Pass	Pass	Pass	—	—
R-17 screen 1	25-Apr-07	—	35	3	92	Pass	Pass	Pass	Pass	Pass	Fail	Pass	—	F1
R-17 screen 1	03-Jul-07	—	38	1	97	Pass	Pass	Pass	Pass	Pass	Pass	Fail	—	G1
R-17 screen 1	18-Sep-07	—	35	1	97	Pass	Pass	Pass	Pass	Pass	Fail	Pass	—	F1
R-17 screen 1	05-Dec-07	—	38	1	97	Pass	Fail	Pass	Pass	Pass	Pass	Pass	—	B1
R-17 screen 2	22-Feb-07	—	36	1	97	Pass	Pass	Pass	Pass	Pass	Fail	Pass	—	F1
R-17 screen 2	25-Apr-07	—	37	0	100	Pass	Pass	Pass	Pass	Pass	Pass	Pass	—	—
R-17 screen 2	03-Jul-07	—	37	0	100	Pass	Pass	Pass	Pass	Pass	Pass	Pass	—	—
R-17 screen 2	18-Sep-07	—	36	0	100	Pass	Pass	Pass	Pass	Pass	Pass	Pass	—	—

Table F-2.0-1 (continued)

Well Screen	Start Date	Limited Analytical Suite Sent to EES-6[a]	Number of Test Outcomes[b]		% Pass	Categories of Residual Effects of Drilling (see text for descriptions)							Residual Effects of Drilling Present[f]	Applicable Notes[g]
			Pass	Fail		Category A Residual Inorganics	Category B Residual Organics	Category C Redox[c]	Category D Enhanced Sorption[d]	Category E Carbonate System	Category F Steel Corrosion	General Indicator Category[e]		
R-17 screen 2	06-Dec-07	—	38	1	97	Pass	Fail	Pass	Pass	Pass	Pass	Pass	—	B1
R-18	26-Jun-07	—	38	0	100	Pass	Pass	Pass	Pass	Pass	Pass	Pass	—	—
R-18	04-Sep-07	—	38	0	100	Pass	Pass	Pass	Pass	Pass	Pass	Pass	—	—
R-18	04-Dec-07	—	39	0	100	Pass	Pass	Pass	Pass	Pass	Pass	Pass	—	—
R-19 screen 2	02-Apr-07	Yes	30	1	97	Pass	*No data*	Pass	Pass	Pass	Pass	Fail	—	B2, G1
R-19 screen 2	26-Jun-07	Yes	31	1	97	Pass	*No data*	Pass	Pass	Pass	Pass	Fail	—	B2, G1
R-19 screen 2	04-Sep-07	Yes	30	3	91	Pass	*No data*	Fe/Mn	Pass	Pass	Pass	Fail	—	B2, C2, G1
R-19 screen 3	04-Sep-07	Yes	35	0	100	Pass	*No data*	Pass	Pass	Pass	Pass	Pass	—	B2
R-19 screen 4	03-Apr-07	—	38	0	100	Pass	Pass	Pass	Pass	Pass	Pass	Pass	—	—
R-19 screen 4	28-Jun-07	—	39	0	100	Pass	Pass	Pass	Pass	Pass	Pass	Pass	—	—
R-19 screen 4	10-Sep-07	—	38	0	100	Pass	Pass	Pass	Pass	Pass	Pass	Pass	—	—
R-19 screen 4	06-Dec-07	—	37	0	100	Pass	Pass	Pass	Pass	Pass	Pass	Pass	—	—
R-19 screen 5	03-Apr-07	Yes	23	9	72	Pass	*No data*	SO_4	Pass	Fail	Pass	Fail	B, C, E	B3, G1
R-19 screen 5	26-Jun-07	Yes	21	10	68	Pass	*No data*	SO_4	Pass	Fail	Pass	Fail	B, C, E	B3, G1
R-19 screen 5	05-Sep-07	Yes	20	11	65	Pass	*No data*	SO_4	Pass	Fail	Pass	Fail	B, C, E	B3, G1
R-19 screen 6	03-Apr-07	Yes	24	6	80	Pass	*No data*	Fe/Mn	Pass	Fail	Pass	Fail	C, E	G1
R-19 screen 6	27-Jun-07	Yes	25	5	83	Pass	*No data*	Fe/Mn	Pass	Fail	Pass	Pass	C, E	—
R-19 screen 7	03-Apr-07	Yes	21	11	66	Fail	*No data*	Fe/Mn	Pass	Fail	Pass	Fail	A, C, E	G1
R-19 screen 7	27-Jun-07	Yes	22	10	69	Fail	*No data*	Fe/Mn	Pass	Fail	Pass	Fail	A, C, E	G1
R-20 screen 1	22-Jan-07	Yes	35	6	85	Pass	*No data*	Fe/Mn	Pass	Pass	Fail	Pass	B, C	B3, F1
R-20 screen 1	30-Nov-07	Yes	32	4	89	Pass	Pass	Fe/Mn	Pass	Pass	Pass	Pass	C	—
R-20 screen 1	21-Mar-08	Yes	34	2	94	Pass	Pass	Fe/Mn	Pass	Pass	Pass	Fail	C	G4
R-20 screen 2	22-Jan-07	Yes	33	6	80	Pass	*No data*	Fe/Mn	Pass	Pass	Fail	Fail	B, C	B3, G1
R-20 screen 2	04-Dec-07	Yes	28	8	78	Fail	Fail	Fe/Mn	Pass	Pass	Fail	Pass	A, B, C, E	—
R-20 screen 2	20-Mar-08	Yes	31	5	86	Pass	Fail	Fe/Mn	Pass	Fail	Pass	Fail	B, C, E	G4
R-20 screen 3	19-Jan-07	Yes	31	8	79	Pass	*No data*	Fe/Mn	Pass	Pass	Pass	Fail	B, C	B3, G3

Table F-2.0-1 (continued)

Well Screen	Start Date	Limited Analytical Suite Sent to EES-6[a]	Number of Test Outcomes[b]		% Pass	Categories of Residual Effects of Drilling (see text for descriptions)							Residual Effects of Drilling Present[f]	Applicable Notes[g]
			Pass	Fail		Category A Residual Inorganics	Category B Residual Organics	Category C Redox[c]	Category D Enhanced Sorption[d]	Category E Carbonate System	Category F Steel Corrosion	General Indicator Category[e]		
R-22 screen 1	22-Mar-07	Yes	17	14	55	Fail	*No data*	SO_4	Pass	Fail	Pass	Fail	A, B, C, E	B3, G1, G2
R-22 screen 1	10-Jul-07	Yes	17	15	53	Fail	*No data*	SO_4	Pass	Fail	Pass	Fail	A, B, C, E	B3, G1, G2
R-22 screen 1	19-Sep-07	Yes	17	15	53	Fail	*No data*	SO_4	Pass	Fail	Pass	Fail	A, B, C, E	B3, G1, G2
R-22 screen 2	19-Mar-07	—	36	0	100	Pass	Pass	Pass	Pass	Pass	Pass	Pass	—	—
R-22 screen 2	10-Jul-07	—	36	0	100	Pass	Pass	Pass	Pass	Pass	Pass	Pass	—	—
R-22 screen 2	18-Sep-07	—	33	1	97	Pass	Pass	Pass	Pass	Pass	Pass	Fail	—	G2
R-22 screen 2	17-Dec-07	—	35	1	97	Pass	Pass	Pass	Pass	Pass	Pass	Fail	—	G2
R-22 screen 3	20-Mar-07	—	30	7	81	Fail	Fail	Pass	Pass	Fail	Pass	Pass	E	A2, B1
R-22 screen 3	09-Jul-07	—	31	7	82	Fail	Fail	Pass	Pass	Fail	Pass	Fail	E	A2, B1,G1
R-22 screen 3	17-Sep-07	—	27	8	77	Fail	*No data*	Pass	Pass	Fail	Pass	Fail	E	A2, B1/B3, G1
R-22 screen 4	22-Mar-07	Yes	17	15	53	Fail	*No data*	Fe/Mn	Pass	Fail	Pass	Fail	A, B, C, E	B3, G1, G2
R-22 screen 4	10-Jul-07	Yes	17	14	55	Fail	*No data*	Fe/Mn	Pass	Fail	Pass	Fail	A, B, C, E	B3, G1
R-22 screen 4	14-Sep-07	Yes	18	15	55	Fail	*No data*	Fe/Mn	Pass	Fail	Pass	Fail	A, B, C, E	B3, G1
R-22 screen 5	22-Mar-07	Yes	18	14	56	Fail	*No data*	SO_4	Pass	Fail	Pass	Fail	A, B, C, E	B3, G1, G2
R-22 screen 5	10-Jul-07	Yes	18	13	58	Fail	*No data*	SO_4	Pass	Fail	Pass	Fail	A, B, C, E	B3, G1, G2
R-22 screen 5	17-Sep-07	Yes	21	13	62	Fail	*No data*	SO_4	Pass	Fail	Pass	Fail	A, B, C, E	B3, G1, G2
R-23	19-Mar-07	—	39	0	100	Pass	Pass	Pass	Pass	Pass	Pass	Pass	—	—
R-23	25-Jun-07	—	37	0	100	Pass	Pass	Pass	Pass	Pass	Pass	Pass	—	—
R-23	06-Sep-07	—	39	0	100	Pass	Pass	Pass	Pass	Pass	Pass	Pass	—	—
R-23	06-Dec-07	—	38	1	97	Pass	Fail	Pass	Pass	Pass	Pass	Pass	—	B1
R-23i piezometer	06-Sep-07	—	29	5	85	Fail	Fail	NO_3	Pass	Pass	Pass	Fail	—	A1, B1, C1, G1
R-23i screen 1	28-Feb-07	—	28	8	78	Fail	Fail	Fe/Mn	Pass	Fail	Pass	Fail	—	A1, B1, C1, E1, G1
R-23i screen 1	24-Apr-07	—	29	6	83	Fail	Fail	Fe/Mn	Pass	Pass	Pass	Fail	—	A1, B1, C1, G1

Table F-2.0-1 (continued)

Well Screen	Start Date	Limited Analytical Suite Sent to EES-6[a]	Number of Test Outcomes[b]		% Pass	Categories of Residual Effects of Drilling (see text for descriptions)							Residual Effects of Drilling Present[f]	Applicable Notes[g]
			Pass	Fail		Category A Residual Inorganics	Category B Residual Organics	Category C Redox[c]	Category D Enhanced Sorption[d]	Category E Carbonate System	Category F Steel Corrosion	General Indicator Category[e]		
R-23i screen 1	20-Jun-07	—	30	4	88	Fail	Fail	Pass	Pass	Pass	Pass	Fail	—	A1, B1, G1
R-23i screen 1	19-Dec-07	—	30	4	88	Fail	Pass	Fe/Mn	Pass	Pass	Pass	Fail	—	A1, C1, G1
R-23i screen 2	26-Feb-07	—	32	1	97	Pass	Pass	Pass	Pass	Pass	Pass	Fail	—	G1
R-23i screen 2	23-Apr-07	—	34	3	92	Fail	Fail	Pass	Pass	Pass	Pass	Fail	—	A1, B1, G1
R-23i screen 2	20-Jun-07	—	35	2	95	Pass	Fail	Pass	Pass	Pass	Pass	Fail	—	B1, G1
R-32 screen 1	05-Jul-07	—	37	0	100	Pass	Pass	Pass	Pass	Pass	Pass	Pass	—	—
R-32 screen 1	09-Oct-07	Yes	25	8	76	Fail	Fail	Fe/Mn	Pass	Pass	Pass	Pass	A, B, C	—
R-32 screen 1	11-Oct-07	Yes	25	8	76	Fail	Fail	Fe/Mn	Pass	Pass	Pass	Pass	A, B, C	—
R-32 screen 1	14-Dec-07	—	34	2	94	Pass	Fail	Pass	Pass	Pass	Pass	Fail	B	G3
R-32 screen 3	27-Mar-07	—	30	7	81	Fail	Fail	Fe/Mn	Pass	Pass	Pass	Pass	A, B, C	—
R-32 screen 3	06-Jul-07	—	30	7	81	Fail	Fail	Fe/Mn	Pass	Pass	Pass	Pass	A, B, C	—
Water Canyon Watershed (includes Cañon de Valle)														
CdV-16-1(i)	21-May-07	—	33	1	97	Pass	Pass	Pass	Pass	Pass	Pass	Fail	—	G1
CdV-16-1(i)	22-Oct-07	—	35	1	97	Pass	Pass	Pass	Pass	Pass	Pass	Fail	—	G1
CdV-16-2(i)r	05-Feb-07	—	31	4	89	Fail	Pass	Pass	Pass	Pass	Pass	Fail	—	A2, G2
CdV-16-2(i)r	10-May-07	—	32	5	86	Pass	Pass	Pass	Pass	Pass	Fail	Fail	—	F2, G2
CdV-16-2(i)r	23-Oct-07	Yes	27	9	75	Fail	*No data*	Pass	Pass	Pass	Fail	Fail	—	A2, B2, F2, G1, G2
CdV-R-15-3 screen 4	25-Jan-07	—	37	0	100	Pass	Pass	Pass	Pass	Pass	Pass	Pass	—	—
CdV-R-15-3 screen 4	08-May-07	—	37	0	100	Pass	Pass	Pass	Pass	Pass	Pass	Pass	—	—
CdV-R-15-3 screen 4	23-Oct-07	—	36	2	95	Pass	Pass	NO_3	Pass	Pass	Pass	Fail	—	C2, G2
CdV-R-15-3 screen 5	30-Jan-07	—	25	10	71	Pass	Fail	Fe/Mn	Pass	Fail	Pass	Pass	B,C,E	—
CdV-R-15-3 screen 5	09-May-07	—	25	11	69	Pass	Fail	Fe/Mn	Pass	Fail	Pass	Pass	B,C,E	—

Table F-2.0-1 (continued)

Well Screen	Start Date	Limited Analytical Suite Sent to EES-6[a]	Number of Test Outcomes[b]		% Pass	Categories of Residual Effects of Drilling (see text for descriptions)							Residual Effects of Drilling Present[f]	Applicable Notes[g]
			Pass	Fail		Category A Residual Inorganics	Category B Residual Organics	Category C Redox[c]	Category D Enhanced Sorption[d]	Category E Carbonate System	Category F Steel Corrosion	General Indicator Category[e]		
CdV-R-15-3 screen 5	23-Oct-07	Yes	23	10	70	Fail	*No data*	SO_4	Pass	Fail	Pass	Pass	B,C,E	A2, B1
CdV-R-15-3 screen 6	01-Feb-07	—	32	5	86	Pass	Pass	Fe/Mn	Pass	Pass	Pass	Pass	C	—
CdV-R-15-3 screen 6	10-May-07	—	30	6	83	Pass	Fail	Fe/Mn	Pass	Pass	Pass	Pass	C	B1
CdV-R-15-3 screen 6	23-Oct-07	—	35	3	92	Pass	Pass	Fe/Mn	Pass	Pass	Pass	Pass	C	—
CdV-R-37-2 screen 2	24-Jan-07	—	21	12	64	Pass	Fail	SO_4	Pass	Fail	Pass	Fail	B,C,E	—
CdV-R-37-2 screen 2	17-May-07	—	24	11	69	Pass	Fail	SO_4	Pass	Fail	Pass	Fail	B,C,E	—
CdV-R-37-2 screen 2	05-Nov-07	Yes	24	9	73	Fail	*No data*	SO_4	Pass	Fail	Pass	Fail	B,C,E	A2, B3
CdV-R-37-2 screen 3	25-Jan-07	—	37	0	100	Pass	Pass	Pass	Pass	Pass	Pass	Pass	—	—
CdV-R-37-2 screen 3	21-May-07	—	36	0	100	Pass	Pass	Pass	Pass	Pass	Pass	Pass	—	—
CdV-R-37-2 screen 3	01-Nov-07	—	39	0	100	Pass	Pass	Pass	Pass	Pass	Pass	Pass	—	—
CdV-R-37-2 screen 4	30-Jan-07	—	32	6	84	Pass	Pass	Fe/Mn	Pass	Pass	Pass	Fail	C	G1
CdV-R-37-2 screen 4	22-May-07	—	29	7	81	Pass	Pass	Fe/Mn	Pass	Pass	Pass	Pass	C	—
CdV-R-37-2 screen 4	05-Nov-07	Yes	30	4	88	Pass	*No data*	Fe/Mn	Pass	Pass	Pass	Pass	C	B2
R-25 screen 1	07-Feb-07	Yes	21	6	78	Pass	*No data*	Pass	Pass	Pass	Fail	Fail	F	B2, G1
R-25 screen 1	09-May-07	Yes	24	3	89	Pass	*No data*	Pass	Pass	Pass	Fail	Fail	F	B2, G1
R-25 screen 1	18-Oct-07	Yes	21	6	78	Pass	*No data*	Pass	Pass	Pass	Fail	Fail	F	B2, G1
R-25 screen 2	07-Feb-07	Yes	19	8	70	Fail	*No data*	NO_3	Pass	Pass	Fail	Fail	A, C, F	A3, G1

Table F-2.0-1 (continued)

Well Screen	Start Date	Limited Analytical Suite Sent to EES-6[a]	Number of Test Outcomes[b]		% Pass	Categories of Residual Effects of Drilling (see text for descriptions)							Residual Effects of Drilling Present[f]	Applicable Notes[g]
			Pass	Fail		Category A Residual Inorganics	Category B Residual Organics	Category C Redox[c]	Category D Enhanced Sorption[d]	Category E Carbonate System	Category F Steel Corrosion	General Indicator Category[e]		
R-25 screen 2	09-May-07	Yes	17	10	63	Fail	*No data*	Pass	Pass	Pass	Fail	Fail	A, F	A3, G1
R-25 screen 2	22-Oct-07	Yes	18	12	60	Fail	*No data*	Fe/Mn	Pass	Pass	Fail	Fail	A, F	A3, G1
R-25 screen 4	05-Feb-07	—	30	3	91	Pass	Pass	Pass	Pass	Fail	Pass	Fail	—	E2, G1
R-25 screen 4	14-May-07	—	26	3	79	Fail	Fail	Pass	Pass	Fail	Fail	Fail	A, B, F	A3, E2, G1
R-25 screen 4	22-Oct-07	Yes	27	5	84	Fail	*No data*	Pass	Pass	Fail	Pass	Fail	A	A3, E2, G1
R-25 screen 5	07-Feb-07	Yes	24	7	77	Fail	*No data*	Fe/Mn	Pass	Fail	Fail	Fail	A, B, C, E, F	A3, B3, G1
R-25 screen 5	09-May-07	Yes	27	5	84	Fail	*No data*	Fe/Mn	Pass	Pass	Pass	Fail	A, B, C	A3, B3, G1
R-25 screen 5	17-Oct-07	Yes[j]	20	3	87	Fail	Fail	Fe/Mn	Pass	Fail	Pass	Pass	A, B, C, E	A3
R-25 screen 6	08-Feb-07	—	32	4	89	Fail	Pass	Pass	Pass	Pass	Fail	Fail	A, F	A3, G2
R-25 screen 6	10-May-07	—	34	2	94	Fail	Pass	Pass	Pass	Pass	Pass	Fail	A	A3, G2
R-25 screen 6	23-Oct-07	—	35	1	97	Fail	Pass	Pass	Pass	Pass	Pass	Pass	A	A3
R-25 screen 7	12-Feb-07	—	36	1	97	Fail	Pass	Pass	Pass	Pass	Pass	Pass	A	A3
R-25 screen 7	10-May-07	—	35	1	97	Fail	Pass	Pass	Pass	Pass	Pass	Pass	A	A3
R-25 screen 7	25-Oct-07	—	37	2	95	Fail	Pass	NO_3	Pass	Pass	Pass	Pass	A	A3, C2
R-25 screen 8	14-Feb-07	Yes	18	5	78	Fail	*No data*	Fe/Mn	Pass	Pass	Pass	Pass	A, C	A3, B2
R-25 screen 8	11-May-07	—	36	1	97	Fail	Pass	Pass	Pass	Pass	Pass	Pass	A	A3
R-25 screen 8	29-Oct-07	—	36	4	90	Fail	Pass	NO_3	Pass	Pass	Fail	Pass	A, F	A3, C2
R-26 screen 1	01-Feb-07	—	35	1	97	Pass	Pass	Pass	Pass	Pass	Pass	Fail	—	G2
R-26 screen 1	15-May-07	—	37	0	100	Pass	Pass	Pass	Pass	Pass	Pass	Pass	—	—
R-26 screen 1	17-Oct-07	—	35	0	100	Pass	Pass	Pass	Pass	Pass	Pass	Pass	—	—
R-27	02-Feb-07	—	36	1	97	Pass	Pass	NO_3	Pass	Pass	Pass	Pass	C	—
R-27	30-Mar-07	—	40	0	100	Pass	Pass	Pass	Pass	Pass	Pass	Pass	—	—
R-27	11-May-07	—	38	0	100	Pass	Pass	Pass	Pass	Pass	Pass	Pass	—	—
R-27	26-Oct-07	—	38	1	98	Pass	Pass	Pass	Pass	Pass	Pass	Pass	—	—
Ancho Watershed														
R-31 screen 2	17-May-07	—	22	15	59	Pass	Fail	SO_4	Pass	Fail	Pass	Fail	B, C, E	G1

Table F-2.0-1 (continued)

Well Screen	Start Date	Limited Analytical Suite Sent to EES-6[a]	Number of Test Outcomes[b]		% Pass	Categories of Residual Effects of Drilling (see text for descriptions)							Residual Effects of Drilling Present[f]	Applicable Notes[g]
						Category A	Category B	Category C	Category D	Category E	Category F	General Indicator Category[e]		
			Pass	Fail		Residual Inorganics	Residual Organics	Redox[c]	Enhanced Sorption[d]	Carbonate System	Steel Corrosion			
R-31 screen 3	21-May-07	—	29	8	78	Pass	Fail	Fe/Mn	Pass	Pass	Pass	Pass	B, C	—
R-31 screen 3	06-Nov-07	Yes	24	9	73	Fail	*No data*	Fe/Mn	Pass	Fail	Pass	Fail	A, B, C	E2, G1
R-31 screen 4	22-May-07	—	36	0	100	Pass	Pass	Pass	Pass	Pass	Pass	Pass	—	—
R-31 screen 4	02-Nov-07	—	40	0	100	Pass	Pass	Pass	Pass	Pass	Pass	Pass	—	—
R-31 screen 5	Not sampled in 2007	—	n/a	n/a	n/a	*No data*	*No data*	*No data*	*No data*	*No data*	*No data*	*No data*	See evaluation in Table F-3.0-1	

Data sources: Water Quality Database (WQDB); LANL 2007, 099156, Appendix C.

[a] Definition of entries in the column "Limited analytical suite sent to EES-6":

- A "yes" in this column signifies that the water-quality sample was analyzed by the Laboratory's Earth and Environmental Sciences (EES) 6 laboratory because the well screen was assigned to the indicator constituent suite in accordance with the 2007 Interim Plan or because the sample was collected as part of a special study, which includes samples collected as part of rehabilitation and conversion activities. Such samples are not eligible for assignment of drilling flags in the WQDB, but have been included in this table to elucidate geochemical trends.
- "—" means that the sample was not analyzed by the EES-6 laboratory.

[b] Number of test outcomes includes all pass/fail test outcomes (including those in the general indicator category).

[c] Redox test outcomes are labeled and color-coded as follows: Pass (blue) = oxidizing; Fe/Mn (orange) = iron- or manganese-reducing; NO_3 (yellow) = nitrate-reducing; SO_4 (pink) = sulfate-reducing.

[d] Sorption test outcomes—Fail-Sr = potential for enhanced adsorption of strontium by residual clay minerals associated with drilling mud.

[e] General indicator category consists of water-quality data used for information purposes: field parameters (pH, carbonate alkalinity, turbidity); common plume indicators (tritium, nitrate, perchlorate, chromium); strongly sorbing metal (zinc).

[f] Residual effects of drilling present: letters A through F indicate categories of drilling effects that may be present in the water-quality sample; "—" indicates that no residual effect of drilling appears to be present and that any "fail" outcomes listed for the water-quality sample are more likely attributable to some cause other than drilling, as documented by applicable notes in the adjacent column.

[g] Applicable notes. Each identifier for a note consists of a test category letter (A through G) followed by a sequential number.

A1 Although it is not considered a chemical of potential concern (COPC), the elevated analyte concentration causing the Fail outcome in this category is probably associated with contamination at this location, in which case it is considered to be representative of local groundwater and not a residual artifact of drilling.

A2 Based upon geochemical trends at this location, the elevated analyte concentration causing the Fail outcome in this category is considered not to be a residual artifact of drilling but rather arises from some other source (e.g., local background, local contaminant, statistical outlier).

A3 The only residual inorganic drilling products present in this sample are phosphate and sodium, which derive from the use of sodium polyphosphate to clean the screen prior to development.

B1 Based upon geochemical trends at this location, the elevated analyte concentration causing the Fail outcome in this category is not considered to be a residual artifact of drilling but rather arises from some other source (e.g., local background, local contaminant, statistical outlier).

B2 Although no analytical data are available for evaluating the presence or absence of residual organic drilling products, this condition is probably absent—corresponding to a test outcome of Pass—based on data for samples that precede or follow this one.

B3 Although no analytical data are available for evaluating the presence or absence of residual organic drilling products, this condition is probably present—corresponding to a test outcome of Fail—based on data for samples that precede or follow this one.

C1 This redox condition is probably associated with contamination at this location and is considered to be representative of local groundwater and not a residual artifact of drilling.

C2 Based upon geochemical trends at this location, the analyte concentration causing the Fail outcome in this category is not considered to be a residual artifact of drilling but rather arises from some other source (e.g., local background, local contaminant, metal corrosion product in the sampling system, statistical outlier).

E1 Although it is not considered a COPC, the elevated analyte concentration causing the Fail outcome in this category is probably associated with contamination at this location, in which case it is considered to be representative of local groundwater and not a residual artifact of drilling.

E2 Based upon geochemical trends at this location, the analyte concentration causing the Fail outcome in this category is not considered to be a residual artifact of drilling but rather arises from some other source (e.g., local background, local contaminant, statistical outlier).

F1 The elevated metal concentration causing the Fail outcome in this category is probably associated with the sampling system and is not a residual artifact of drilling.

F2 The elevated metal concentration causing the Fail outcome in this category is probably associated with fluctuations in the water level associated with this screen in the intermediate-perched zone and is not a residual artifact of drilling.

G1 Fail outcome because either pH or carbonate alkalinity is outside its background range.

G2 Fail outcome because the concentration of one or more constituents included in the general indicator category (e.g., tritium, chromium, nitrate, perchlorate) is detected above its background range but has not been identified as a COPC at this location.

G3 Fail outcome because zinc (a surrogate indicator for strongly adsorbing metals) is elevated above its background range.

G4 Fail outcome because sample turbidity is high.

[h] n/a = Not applicable.

[i] Indeter—test outcome is indeterminate because the data were insufficient for evaluation.

[j] This sample is classified as a limited analytical suite even though it was submitted to an outside analytical laboratory (not EES-6) for analysis. Data are not available for several test indicators including the key anions, chloride, and sulfate.

Table F-3.0-1
Summary of Geochemical Evaluations from Monitoring Well Network Evaluation Reports and Well Rehabilitation Reports

Well Screen (Zone of Saturation)	Most Recent Evaluation Report[a]	Geochemical Evaluation[b]	Recommended Action[c]	Rationale[d]
Los Alamos Watershed (includes Pueblo Canyon)				
R-2 (Regional)	LA/Pueblo	Meets objectives	Monitor in accordance with the 2007 Interim Plan.[e]	Well meets monitoring network objectives.
R-3i (Intermediate)	LA/Pueblo	Meets objectives	Monitor in accordance with the 2007 Interim Plan.	Well meets monitoring network objectives.
R-4 (Regional)	LA/Pueblo	Meets objectives	Monitor in accordance with the 2007 Interim Plan.	Well meets monitoring network objectives.
R-5 screen 1 (Intermediate)	LA/Pueblo	Not applicable. Screen 1 has been dry since installation.	Continue to monitor water levels in accordance with the 2007 Interim Plan and collect samples if water is present.	No change is necessary at this time.
R-5 screen 2 (Intermediate)	LA/Pueblo	Meets objectives	Monitor in accordance with the 2007 Interim Plan.	Well meets monitoring network objectives.
R-5 screen 3 (Regional)	LA/Pueblo	Meets objectives	Monitor in accordance with the 2007 Interim Plan.	Well meets monitoring network objectives.
R-5 screen 4 (Regional)	LA/Pueblo	Conditionally meets objectives. Iron-reducing conditions and possible presence of residual inorganic drilling constituents are indicated by elevated boron and chloride concentrations as well as possible carbonate-mineral disequilibria. The overall trends for key indicators suggest the interval may be improving.	Monitor in accordance with the 2007 Interim Plan.	Screen 4 shows an improving trend in its ability to provide representative data, such as for tritium and perchlorate. This supports maintaining the well as is and continuing to monitor the overall performance of screen 4.
R-6i (Intermediate)	LA/Pueblo	Meets objectives	Monitor in accordance with the 2007 Interim Plan.	Well meets monitoring network objectives.
R-6 (Regional)	LA/Pueblo	Meets objectives	Monitor in accordance with the 2007 Interim Plan.	Well meets monitoring network objectives.
R-7 screen 1 (Intermediate)	LA/Pueblo	As of last sampled event in August 2002, water-quality data were representative.	Continue to monitor water levels in accordance with the 2007 Interim Plan and collect samples if water is present.	No change is necessary at this time.

Table F-3.0-1 (continued)

Well Screen (Zone of Saturation)	Most Recent Evaluation Report[a]	Geochemical Evaluation[b]	Recommended Action[c]	Rationale[d]
R-7 screen 2 (Intermediate)	LA/Pueblo	Not applicable. Screen 2 has been dry since installation.	Continue to monitor water levels in accordance with the 2007 Interim Plan and collect samples if water is present.	No change is necessary at this time.
R-7 screen 3 (Regional)	LA/Pueblo	Conditionally meets objectives. Effective for monitoring tritium known to have been released from the Omega West Reactor. The tritium concentrations in this screen are at background. More generally, residual inorganic chemicals, residual organic chemicals, sulfate-reducing conditions, and carbonate-mineral disequilibria are present in this interval. However, the ability for this well to effectively monitor tritium as the most conservative tracer contaminant in this portion of the watershed makes this an effective well.	Monitor in accordance with the 2007 Interim Plan.	No change is necessary at this time.
R-8 screen 1 (Regional)	LA/Pueblo	Meets objectives	Monitor in accordance with the 2007 Interim Plan.	Although the ability of R-8 screen 1 to provide representative data is inconclusive, no action is proposed at this time. Screen 1 is in a relatively tight zone, caused by the abundance of clays, and further development would be unlikely to improve its indicator. Additionally, monitoring needs at this location can be satisfied by screen 2 due to its proximity to screen 1 and its good production, indicating that it likely is providing samples from a primary potential flow path within the upper portion of the regional aquifer. Further data collection from screen 1 will help reduce uncertainty in the data.
R-8 screen 2 (Regional)	LA/Pueblo	Meets objectives	Monitor in accordance with the 2007 Interim Plan.	Well meets monitoring network objectives.

Table F-3.0-1 (continued)

Well Screen (Zone of Saturation)	Most Recent Evaluation Report[a]	Geochemical Evaluation[b]	Recommended Action[c]	Rationale[d]
R-9i screen 1 (Intermediate)	LA/Pueblo	Conditionally meets objectives. Manganese-reducing conditions and elevated total organic carbon (TOC) concentrations are present but are believed to be related to infiltration of post-Cerro Grande stormwater that contained high concentrations of organic carbon. Screen 1 shows different chemistry from screen 2.	Monitor in accordance with the 2007 Interim Plan.	Well meets monitoring network objectives.
R-9i screen 2 (Intermediate)	LA/Pueblo	Conditionally meets objectives. Manganese-reducing conditions and elevated TOC concentrations are present but are believed to be related to infiltration of post-Cerro Grande stormwater that contained high concentrations of organic carbon. Screen 2 shows different chemistry from screen 1.	Monitor in accordance with the 2007 Interim Plan.	Well meets monitoring network objectives.
R-9 (Regional)	LA/Pueblo	Meets objectives	Monitor in accordance with the 2007 Interim Plan.	Well meets monitoring network objectives.
R-24 (Regional)	LA/Pueblo	Meets objectives. Manganese-reducing conditions that existed up through May 2006 appear to have cleared up. These conditions also did not appear to impact the reliability of perchlorate and nitrate data because these constituents were detected at fairly stable concentrations in every water sample collected since well completion.	Monitor in accordance with the 2007 Interim Plan.	Well meets monitoring network objectives. Evaluate the stability of water-quality parameters over a longer period of record.
LAOI(a)1.1 (Intermediate)	LA/Pueblo	Meets objectives	Monitor in accordance with the 2007 Interim Plan.	Well meets monitoring network objectives.
LADP-3 (Intermediate)	LA/Pueblo	Meets objectives. Nitrate-reducing conditions and elevated TOC concentrations are present. However, these conditions are probably	Monitor in accordance with the 2007 Interim Plan.	Well meets monitoring network objectives.

Table F-3.0-1 (continued)

Well Screen (Zone of Saturation)	Most Recent Evaluation Report[a]	Geochemical Evaluation[b]	Recommended Action[c]	Rationale[d]
		representative of predrilling groundwater conditions because no drilling additives were used.		
LAOI-3.2 (Intermediate)	LA/Pueblo	Meets objectives	Monitor in accordance with the 2007 Interim Plan.	Well meets monitoring network objectives.
LAOI-3.2a (Intermediate)	LA/Pueblo	Meets objectives	Monitor in accordance with the 2007 Interim Plan.	Well meets monitoring network objectives.
LAOI-7 (Intermediate)	LA/Pueblo	Meets objectives	Monitor in accordance with the 2007 Interim Plan.	Well meets monitoring network objectives.
POI-4 (Intermediate)	LA/Pueblo	Meets objectives	Monitor in accordance with the 2007 Interim Plan.	Well meets monitoring network objectives.
TW-1 (Regional)	LA/Pueblo	Conditionally meets objectives. Persistent manganese-reducing conditions and carbonate disequilibria are likely representative of groundwater conditions in this area. However, total iron and zinc concentrations and turbidity are persistently elevated above natural background levels, suggesting corrosion of steel-well components, which could affect the reliability of data for some trace metals and organic COPCs.	Plug and abandon well.	TW-1 is recommended for plugging and abandonment because the well annulus is a potential pathway for alluvial and intermediate groundwater to reach regional groundwater. However, due to the importance of this location in the overall monitoring network, it is recommended that TW-1 be replaced by a new well.
TW-1A (Intermediate)	LA/Pueblo	Does not meet objectives because evidence of corrosion has been found.	Plug and abandon well.	TW-1A is recommended for plugging and abandonment because the well annulus is a potential pathway for alluvial and intermediate groundwater to reach regional groundwater. R-3i was installed as a replacement well for TW-1A and meets monitoring objectives for intermediate groundwater in that portion of Pueblo Canyon.
TW-2 (Regional)	LA/Pueblo	Does not meet objectives. Persistent sulfate-reducing conditions are present. Total iron and zinc concentrations and	Plug and abandon well.	TW-2 is recommended for plugging and abandonment because the well annulus is a potential pathway for alluvial and intermediate

Table F-3.0-1 (continued)

Well Screen (Zone of Saturation)	Most Recent Evaluation Report[a]	Geochemical Evaluation[b]	Recommended Action[c]	Rationale[d]
		turbidities are persistently elevated, suggesting corrosion of steel-well components, which could affect the reliability of data for most COPCs.		groundwater to reach regional groundwater. Regional wells R-2 and R-4 satisfy monitoring requirements in this portion of Pueblo Canyon.
TW-2A (Intermediate)	LA/Pueblo	Does not meet objectives because evidence of corrosion has been found.	Plug and abandon well.	TW-2A is recommended for plugging and abandonment because the well annulus is a potential pathway for alluvial and intermediate groundwater to reach regional groundwater.
TW-3 (Regional)	LA/Pueblo	Does not meet objectives because evidence of corrosion has been found.	Plug and abandon well.	TW-3 is recommended for plugging and abandonment because the well annulus is a potential pathway for alluvial and intermediate groundwater to reach regional groundwater. R-6 was installed as a replacement well for TW-3 and, along with R-8, meets the monitoring objectives for regional groundwater in that portion of Los Alamos Canyon.
TW-4 (Regional)	LA/Pueblo	Does not meet objectives because evidence of corrosion has been found.	Maintain exclusively for water-level monitoring.	Because corrosion of the screen is occurring, water-quality data are not reliable. Potential leakage along the annular space might be possible; however, the mesa-top location of this well makes this likely to be unimportant. Therefore, it is recommended that this well be maintained for water-level measurements to help constrain the water-table elevations in this portion of the plateau.
Sandia Watershed				
R-10a (Regional)	Mortandad	Meets objectives	Monitor in accordance with the 2007 Interim Plan.	Well meets monitoring network objectives.
R-10 screen 1 (Regional)	Mortandad	Meets objectives	Monitor in accordance with the 2007 Interim Plan.	Well meets monitoring network objectives.
R-10 screen 2 (Regional)	Mortandad	Meets objectives	Monitor in accordance with the 2007 Interim Plan.	Well meets monitoring network objectives.

Table F-3.0-1 (continued)

Well Screen (Zone of Saturation)	Most Recent Evaluation Report[a]	Geochemical Evaluation[b]	Recommended Action[c]	Rationale[d]
R-11 (Regional)	Mortandad	Meets objectives	Monitor in accordance with the 2007 Interim Plan.	Well meets monitoring network objectives.
R-12 screen 1 (Intermediate)	Mortandad Pilot rehab R-12 rehab	Conditionally meets objectives. Samples collected during rehabilitation activities conducted in fall 2006 showed significant improvement in conditions related to residual drilling effects. Good prognosis for meeting objectives.	Replace Westbay sampling system with a purgeable Baski sampling system. Continue to monitor screen 1 in accordance with the 2007 Interim Plan and evaluate the efficacy of well rehabilitation.	The Westbay sampling system in R-12 was removed during the 2006–2007 pilot well rehabilitation study (LANL 2007, 095889). The well screens were left in an isolated state with two inflatable packers to isolate the screen intervals. The packers were deflated and removed from the well on October 23, 2007. After redevelopment, abandonment (of screen 3), and testing activities were completed, a single inflatable packer was temporarily reinstalled between screens 1 and 2 on October 31, 2007. The Baski system was installed on December 10, 2007. Screen 1 groundwater data should be evaluated by quarterly sampling for a year to determine if water produced from the screen is sufficiently representative of groundwater conditions to meet monitoring network objectives.
R-12 screen 2 (Intermediate)	Mortandad Pilot rehab R-12 rehab	Conditionally meets objectives. Samples collected during rehabilitation activities conducted in fall 2006 showed significant improvement in conditions related to residual drilling effects. Good prognosis for meeting objectives.	Replace Westbay sampling system with a purgeable Baski sampling system. Continue to monitor screen 2 in accordance with the 2007 Interim Plan and evaluate the efficacy of well rehabilitation.	See chronology presented for R-12 screen 1. The Baski system was installed on December 10, 2007. Screen 2 groundwater data should be evaluated by quarterly sampling for a year to determine if water produced from the screen is sufficiently representative of groundwater conditions to meet monitoring network objectives.
R-12 screen 3 (Regional)	Mortandad Pilot rehab R-12 rehab Rehab work plan	Does not meet objectives. Samples collected as part of rehabilitation are inconclusive with respect to changes in geochemistry because of the introduction of perched-zone groundwater into this interval when the Westbay sampling	Plug and abandon screen. Install new regional well (R-36) to replace screen 3 in R-12.	The New Mexico Environment Department (NMED) directed the Laboratory to abandon this screen and install a replacement well (NMED 2007, 095394) (NMED 2007, 098182). Abandonment of screen 3 was conducted between October 23 and 27, 2007.

Table F-3.0-1 (continued)

Well Screen (Zone of Saturation)	Most Recent Evaluation Report[a]	Geochemical Evaluation[b]	Recommended Action[c]	Rationale[d]
		system was removed. Uncertain prognosis for meeting objectives.		
R-35a (Regional)	This appendix	New well not yet evaluated	After well construction and development is completed, monitor in accordance with the 2007 Interim Plan.	Well will be evaluated to determine if it meets monitoring network objectives as new groundwater data are collected.
R-35b (Regional)	This appendix	New well not yet evaluated	After well construction and development is completed, monitor in accordance with the 2007 Interim Plan.	Well will be evaluated to determine if it meets monitoring network objectives as new groundwater data are collected.
Mortandad Canyon Watershed				
R-1 (Regional)	Mortandad	Meets objectives	Monitor in accordance with the 2007 Interim Plan.	Well meets monitoring network objectives.
R-13 (Regional)	Mortandad	Meets objectives	Monitor in accordance with the 2007 Interim Plan.	Well meets monitoring network objectives.
R-14 screen 1 (Regional)	Mortandad R-14 rehab Rehab work plan	Conditionally meets objectives. Slightly reducing but improving. Good prognosis for meeting objectives.	(1) Replace Westbay sampling system with a submersible pump. (2) Redevelop the well. (3) Continue to monitor in accordance with the 2007 Interim Plan and evaluate the efficacy of well redevelopment.	Although screen 1 does not presently meet geochemical monitoring objectives, the prognosis for complete recovery from drilling effects looks good, based on steadily improving trends for the key redox indicators and the absence of residual organic drilling fluids. Additional development could accelerate the recovery of this screen and enable it to produce water that is sufficiently representative of groundwater conditions to meet monitoring network objectives. Well rehabilitation and conversion activities at R-14 included removal of the Westbay multiport sampling system, video logging of the well, initial hydraulic testing of screens 1 and 2, abandonment of screen 2, final hydraulic testing to measure the specific capacity of screen 1, and collection of water samples for laboratory

Table F-3.0-1 (continued)

Well Screen (Zone of Saturation)	Most Recent Evaluation Report[a]	Geochemical Evaluation[b]	Recommended Action[c]	Rationale[d]
				analysis in accordance with the work plan approved by NMED on August 20, 2007 (NMED 2007, 098182). The permanent sampling pump was installed on May 14, 2008.
R-14 screen 2 (Regional)	Mortandad R-14 rehab Rehab work plan	Does not meet objectives. Strongly and persistently iron-reducing conditions, presence of residual inorganic drilling constituents as indicated by elevated phosphate concentrations, carbonate-mineral disequilibria. Poor prognosis for meeting objectives within useful time frame.	Plug and abandon screen.	Screen 2 does not presently meet geochemical monitoring objectives, and is incapable of providing representative and reliable data for a majority of the COPCs in Mortandad Canyon. Abandonment of screen 2 was conducted between February 13 and 20, 2008, in accordance with the work plan approved by NMED on August 20, 2007 (NMED 2007, 098182).
R-15 (Regional)	Mortandad	Meets objectives	Monitor in accordance with the 2007 Interim Plan.	Well meets monitoring network objectives.
R-16 screen 1 (Intermediate)	Mortandad	Nonfunctional screen. Replaced by R-16r.	No further action is necessary.	After it became apparent that screen 1 could not be saved during well construction, the screen was isolated from the regional aquifer by placing bentonite above and below the screen inside the abandoned drill casing. A surface seal for the drill casing was created by injecting cement between the drill casing and the borehole wall from the surface to 130 ft depth. The role of screen 1 for monitoring water levels and water quality at the top of the regional aquifer at this location is satisfied by the installation of replacement well R-16r.
R-16 screen 2 (Regional)	Mortandad Pilot rehab	Conditionally meets objectives. Continued presence of slightly reducing conditions immediately following rehabilitation but at significantly improved levels relative to those prior to rehabilitation. Good prognosis for meeting objectives.	Monitor in accordance with the 2007 Interim Plan.	Although screen 2 does not presently meet geochemical monitoring objectives, it shows an improving trend. The prognosis for complete recovery from drilling effects looks good, based on steadily improving trends for the key redox indicators and the absence of residual organic drilling fluids. Nitrate and possibly perchlorate

Table F-3.0-1 (continued)

Well Screen (Zone of Saturation)	Most Recent Evaluation Report[a]	Geochemical Evaluation[b]	Recommended Action[c]	Rationale[d]
				appear to be the only COPCs that currently cannot be reliably detected, but this condition is expected to improve over time. Groundwater modeling indicates that the R-16 location is not needed to detect contaminant plumes from the Mortandad watershed in the 3- to 5-yr time frame leading up to corrective measures evaluation (CME) decisions.
R-16 screen 3 (Regional)	Mortandad Pilot rehab	Conditionally meets objectives. Rehabilitation activities successful in restoring oxidizing conditions and removing residual drilling constituents but carbonate-mineral system still reequilibrating. Good prognosis for meeting objectives.	Monitor in accordance with the 2007 Interim Plan.	Well meets monitoring network objectives.
R-16 screen 4 (Regional)	Mortandad Pilot rehab	Does not meet objectives. Persistent reducing conditions and residual organic drilling constituents present, although visibly improved following rehabilitation. Poor prognosis for meeting objectives within useful time frame.	Use primarily to monitor pressure responses in the regional aquifer due to pumping from the Buckman and Pajarito municipal well fields. Monitor groundwater for tritium.	The primary purpose for R-16 is to determine the extent of pumping effects in the regional aquifer from municipal well production. Pressure data from screen 4 contribute to this objective and should continue to be monitored. After rehabilitation, the water quality of screen 4 shows improvement, but it continues to be significantly impacted by residual drilling fluids. Groundwater modeling indicates that the R-16 location is not needed to detect contaminant plumes from Mortandad Canyon in the 3- to 5-yr time frame leading up to CME decisions. Tritium is not affected by residual drilling fluids and is a good indicator of Laboratory releases. Tritium is the only constituent that should be monitored in screen 4.
R-16r (Regional)	Mortandad	Meets objectives	Monitor in accordance with the 2007 Interim Plan.	Well meets monitoring network objectives.

Table F-3.0-1 (continued)

Well Screen (Zone of Saturation)	Most Recent Evaluation Report[a]	Geochemical Evaluation[b]	Recommended Action[c]	Rationale[d]
R-21 (Regional)	Technical Area 54 (TA-54)	Meets objectives	Monitor in accordance with the 2007 Interim Plan.	Well meets monitoring network objectives.
R-28 (Regional)	Mortandad	Meets objectives	Monitor in accordance with the 2007 Interim Plan.	Well meets monitoring network objectives.
R-33 screen 1 (Regional)	Mortandad Rehab work plan	Conditionally meets objectives. Overall geochemical conditions are favorable for most COPCs. Redox indicators are still equilibrating. These conditions may improve after installation of a sampling system that can be purged.	Replace Barcad sampling system with a purgeable Baski sampling system and monitor in accordance with the 2007 Interim Plan.	The Baski sampling system allows two well screens to be isolated from one another and for each screen to be individually purged before sampling. This will allow groundwater to be drawn into the well screen from the formation away from any near-field geochemical conditions attributable to residual drilling fluids. With the Baski system, screen 1 is expected to be fully capable of producing water that is sufficiently representative of groundwater conditions to meet monitoring network objectives. Plans for R-33 rehabilitation were presented in the “Work Plan for R-Well Rehabilitation and Replacement, Revision 2” (LANL 2007, 098119) that was approved by the NMED on August 20, 2007 (NMED 2007, 098182). The activities to be performed as part of the R-33 rehabilitation include removal of the Barcad sampling system, redevelopment at screens 1 and 2, specific capacity testing and sampling at screens 1 and 2, and dedicated sample system installation in accordance with the approved work plan. No well screen abandonment activity will take place at R-33.

Table F-3.0-1 (continued)

Well Screen (Zone of Saturation)	Most Recent Evaluation Report[a]	Geochemical Evaluation[b]	Recommended Action[c]	Rationale[d]
R-33 screen 2 (Regional)	Mortandad Rehab work plan	Conditionally meets objectives. Overall geochemical conditions are favorable for most COPCs. Redox indicators are still equilibrating. These conditions may improve after installation of a sampling system that can be purged.	Replace Barcad sampling system with a purgeable Baski sampling system and monitor in accordance with the 2007 Interim Plan.	A dedicated sample system will be installed in screens 1 and 2 in accordance with the work plan approved by NMED on August 20, 2007 (NMED 2007, 098182). See rationale presented for R-33 screen 1.
R-34 (Regional)	Mortandad	Meets objectives	Monitor in accordance with the 2007 Interim Plan.	Well meets monitoring network objectives.
TW-8 (Regional)	Mortandad	Meets objectives	Plug and abandon well.	R-1 was installed as a replacement well for TW-8 and meets monitoring objectives for regional groundwater in that reach of Mortandad Canyon. TW-8 should be plugged and abandoned because the annulus of the well is a potential pathway.
MCOBT-4.4 (Intermediate)	Mortandad	Meets objectives	Plug and abandon well.	MCOI-4 was installed as a replacement well for MCOBT-4.4 and meets monitoring objectives for perched groundwater in that part of Mortandad Canyon. MCOBT-4.4 should be plugged and abandoned because the sand pack may provide a pathway for perched-intermediate groundwater to enter deeper parts of the Cerros del Rio basalt. Additionally, the groundwater sample yield has declined over the past several years and has been insufficient in the past 2 yr.
MCOI-4 (Intermediate)	Mortandad	Meets objectives	Monitor in accordance with the 2007 Interim Plan.	Well meets monitoring network objectives.
MCOI-5 (Intermediate)	Mortandad	Meets objectives	Monitor in accordance with the 2007 Interim Plan.	Well meets monitoring network objectives.
MCOI-6 (Intermediate)	Mortandad	Meets objectives	Monitor in accordance with the 2007 Interim Plan.	Well meets monitoring network objectives.

Table F-3.0-1 (continued)

Well Screen (Zone of Saturation)	Most Recent Evaluation Report[a]	Geochemical Evaluation[b]	Recommended Action[c]	Rationale[d]
MCOI-8 (Intermediate)	Mortandad	Does not meet objectives. Persistent iron-reducing conditions. Water in well confined to sump; well screen is not producing water.	Maintain well for water-level measurements.	Very limited water is present and is only in the sump. MCOI-8 will not continue to be sampled because the data it provides are not representative. The well will continue to be monitored for water levels; if the water level increases, the well will be sampled.
Pajarito Canyon Watershed				
R-17 screen 1 (Regional)	Mortandad TA-16-260 Outfall	Conditionally meets objectives. No drilling effects are apparent. Overall geochemical trends are favorable. Limited water-quality data are available for well; need to confirm well equilibration with additional sampling.	Continue to monitor in accordance with the 2007 Interim Plan and evaluate the stability of water-quality parameters over a longer period of record.	Well currently appears to meet monitoring network objectives. However, given the limited period of record, the well will continue to be evaluated to determine if it meets monitoring network objectives as new groundwater data are collected.
R-17 screen 2 (Regional)	Mortandad TA-16-260 Outfall	Conditionally meets objectives. No drilling effects are apparent. Overall geochemical trends are favorable. Limited water-quality data are available for well; need to confirm well equilibration with additional sampling.	Continue to monitor in accordance with the 2007 Interim Plan and evaluate the stability of water-quality parameters over a longer period of record.	Well currently appears to meet monitoring network objectives. However, given the limited period of record, the well will continue to be evaluated to determine if it meets monitoring network objectives as new groundwater data are collected.
R-18 (Regional)	TA-16-260 Outfall	Meets objectives	Monitor in accordance with the 2007 Interim Plan.	No basis for change
R-19 screen 2 (Intermediate)	TA-16-260 Outfall	Conditionally meets objectives	Monitor in accordance with the 2007 Interim Plan.	No basis for change
R-19 screen 3 (Regional)	TA-16-260 Outfall	Conditionally meets objectives	Monitor in accordance with the 2007 Interim Plan.	No basis for change
R-19 screen 4 (Regional)	TA-16-260 Outfall	Meets objectives	Monitor in accordance with the 2007 Interim Plan.	No basis for change
R-19 screen 5 (Regional)	TA-16-260 Outfall	Does not meet objectives	Monitor in accordance with the 2007 Interim Plan.	No basis for change
R-19 screen 6 (Regional)	TA-16-260 Outfall	Does not meet objectives	Monitor in accordance with the 2007 Interim Plan.	No basis for change

Table F-3.0-1 (continued)

Well Screen (Zone of Saturation)	Most Recent Evaluation Report[a]	Geochemical Evaluation[b]	Recommended Action[c]	Rationale[d]
R-19 screen 7 (Regional)	TA-16-260 Outfall	Does not meet objectives	Monitor in accordance with the 2007 Interim Plan.	No basis for change
R-20 screen 1 (Regional)	TA-54 Pilot rehab Rehab work plan R-20 rehab	Conditionally meets objectives. Well rehabilitation activities were conducted at R-20 from June 29, 2006, to October 17, 2006, but only one postrehabilitation water-quality sample is available at this time. Redox indicators are still equilibrating. These conditions may improve after installation of a sampling system that can be purged. Good prognosis for fully meeting objectives.	Rehabilitate the well screen by replacing the Westbay sampling system with a purgeable Baski sampling system. Continue to monitor in accordance with the 2007 Interim Plan and evaluate the efficacy of well rehabilitation.	The Baski sampling system allows two well screens to be isolated from one another and for each screen to be individually purged before sampling. This will allow groundwater to be drawn into the well screen from the formation away from any near-field geochemical conditions attributable to residual drilling fluids. With the Baski system, screen 1 is expected to be fully capable of producing water that is sufficiently representative of groundwater conditions to meet monitoring network objectives. This is consistent with NMED's direction to install a purgeable sampling system for screens 1 and 2 (NMED 2007, 095394). The dedicated sampling system in R-20 was removed during the 2006 pilot study, and the well screens were left in an isolated state with two inflatable packers. Plans for R-20 conversion to a dual-screen well were presented in the "Work Plan for R-Well Rehabilitation and Replacement, Revision 2" (LANL 2007, 098119) that was approved by NMED on August 20, 2007 (NMED 2007, 098182). The packers were deflated and removed from the well on November 12, 2007. After video logging, redevelopment, abandonment, and testing activities were completed, a single inflatable packer was reinstalled on December 5, 2007, between screens 1 and 2. Well rehabilitation and conversion activities at R-20 included removing and subsequently replacing the inflatable isolation packers, compiling a video log of the

Table F-3.0-1 (continued)

Well Screen (Zone of Saturation)	Most Recent Evaluation Report[a]	Geochemical Evaluation[b]	Recommended Action[c]	Rationale[d]
				upper two screens, redeveloping screens 1 and 2 by means of jetting/pumping and swabbing, isolation of screen 3, hydraulic testing to measure the specific capacity of screens 1 and 2, cleanup pumping from abandonment activities, and collecting water samples for laboratory analysis.
R-20 screen 2 (Regional)	TA-54 Pilot rehab Rehab work plan R-20 rehab	Conditionally meets objectives. Well rehabilitation activities were conducted at R-20 from June 29, 2006, to October 17, 2006, but only one postrehabilitation water-quality sample is available at this time. Redox indicators are still equilibrating, but this condition may improve after installation of a sampling system that can be purged.	Rehabilitate the well screen by replacing the Westbay sampling system with a purgeable Baski sampling system. Continue to monitor in accordance with the 2007 Interim Plan and evaluate the efficacy of well rehabilitation.	See rationale and chronology presented for R-20 screen 1. The Baski system was installed on December 10, 2007.
R-20 screen 3 (Regional)	TA-54 Pilot rehab Rehab work plan R-20 rehab	Conditionally meets objectives. Well rehabilitation activities were conducted at R-20 from June 29, 2006, to October 17, 2006, but only one postrehabilitation water-quality sample is available at this time. Overall geochemical conditions remain unfavorable because of reducing conditions and residual bentonite.	Abandon screen.	The overall geochemical conditions in this screen are unfavorable. The Baski sampling system does not allow for sampling across more than two screens, so this screen is being abandoned. This is consistent with NMED's direction to abandon screen 3 (NMED 2007, 095394). Abandonment of screen 3 was conducted between November 17 and 18, 2007.
R-22 screen 1 (Regional)	TA-54	Does not meet objectives. Persistent sulfate-reducing conditions and other drilling-related geochemical conditions indicate poor prognosis for meeting objectives within useful time frame.	Abandon screen.	The overall geochemical conditions in this screen are unfavorable. The Baski sampling system does not allow for sampling across more than two screens, so this screen is being abandoned. This is consistent with NMED's direction to abandon screen 1 (NMED 2007, 095394).

Table F-3.0-1 (continued)

Well Screen (Zone of Saturation)	Most Recent Evaluation Report[a]	Geochemical Evaluation[b]	Recommended Action[c]	Rationale[d]
R-22 screen 2 (Regional)	TA-54	Meets objectives	Replace the Westbay sampling system with a purgeable Baski sampling system. Continue to monitor in accordance with the 2007 Interim Plan and evaluate the efficacy of well rehabilitation.	The screen meets objectives for providing representative water-quality samples. The Baski sampling system installed for screens 2 and 3 will provide isolation between screens and allow each screen to be individually purged before sampling. This will allow groundwater to be drawn into the well screen from the formation away from any near-field geochemical conditions attributable to residual drilling fluids. With the Baski system, screen 2 is expected to be fully capable of producing water that is sufficiently representative of groundwater conditions to meet monitoring network objectives. This is consistent with NMED's recommendation to monitor screens 2 and 3 and abandon screens 1, 4, and 5 (NMED 2007, 095394).
R-22 screen 3 (Regional)	TA-54	Conditionally meets objectives. Still shows evidence of residual constituents leached from bentonite in the annular seal. Otherwise, geochemical conditions are favorable.	Replace the Westbay sampling system with a purgeable Baski sampling system. Continue to monitor in accordance with the 2007 Interim Plan and evaluate the efficacy of well rehabilitation.	The screen does not meet objectives for providing representative water-quality samples. The Baski sampling system installed for screens 2 and 3 will provide isolation between screens and allow each screen to be individually purged before sampling. This is consistent with NMED's recommendation to monitor screens 2 and 3 and abandon screens 1, 4, and 5 (NMED 2007, 095394).
R-22 screen 4 (Regional)	TA-54	Does not meet objectives. Iron-reducing conditions, residual organic drilling fluids, and other drilling-related geochemical conditions indicate poor prognosis for meeting objectives within useful time frame.	Abandon screen.	The overall geochemical conditions in this screen are unfavorable. The Baski sampling system does not allow for sampling across more than two screens, so this screen is being abandoned. This is consistent with NMED's direction to abandon screen 4 (NMED 2007, 095394).

Table F-3.0-1 (continued)

Well Screen (Zone of Saturation)	Most Recent Evaluation Report[a]	Geochemical Evaluation[b]	Recommended Action[c]	Rationale[d]
R-22 screen 5 (Regional)	TA-54	Does not meet objectives. Iron-reducing conditions indicate poor prognosis for meeting objectives within useful time frame.	Abandon screen.	The overall geochemical conditions in this screen are unfavorable. The Baski sampling system does not allow for sampling across more than two screens, so this screen is being abandoned. This is consistent with NMED's direction to abandon screen 5 (NMED 2007, 095394).
R-23i screen 1 (Intermediate)	TA-54	Conditionally meets objectives. Overall geochemical trends are favorable. Limited water-quality data are available for well; need to confirm screen geochemical indicator with ongoing sampling.	Monitor in accordance with the 2007 Interim Plan.	Well meets monitoring network objectives.
R-23i screen 2 (Intermediate)	TA-54	Conditionally meets objectives. Overall geochemical trends are favorable. Limited water-quality data are available for well; need to confirm screen geochemical indicator with additional sampling.	Monitor in accordance with the 2007 Interim Plan.	Well meets monitoring network objectives.
R-23i piezometer (Intermediate)	TA-54	Not applicable for geochemistry	Monitor in accordance with the 2007 Interim Plan.	Piezometer meets monitoring network objectives.
R-23 (Regional)	TA-54	Meets objectives	Monitor in accordance with the 2007 Interim Plan.	Well meets monitoring network objectives.
R-32 screen 1 (Regional)	TA-54 Rehab work plan	Meets objectives	Replace Westbay sampling system with a single-screen submersible pump sampling system. Continue to monitor in accordance with the 2007 Interim Plan and evaluate the efficacy of well rehabilitation.	Screen 1 meets objectives for providing representative water-quality samples. Screen 2 is used only to collect water-level data, and screen 3 does not provide representative water-quality data and does not show favorable trends towards improvement. Therefore, screen 1 will be maintained as the only monitored screen in R-32. This is consistent with NMED's direction to convert R-32 to a single screen well (NMED 2007, 095394). Plans for R-32 conversion were presented in the "Work Plan for R-Well Rehabilitation and Replacement, Revision 2" (LANL 2007, 098119)

Table F-3.0-1 (continued)

Well Screen (Zone of Saturation)	Most Recent Evaluation Report[a]	Geochemical Evaluation[b]	Recommended Action[c]	Rationale[d]
				that was approved by NMED on August 20, 2007 (NMED 2007, 098182). The activities performed as part of the R-32 rehabilitation and conversion included removing the Westbay system (between September 17 and 18, 2007), video logging of the well, abandoning screens 2 and 3 (between September 20 and 24, 2007), hydraulic testing to measure the specific capacity of screen 1, collecting water samples for laboratory analysis, and installing a packer and submersible pump (November 6 and 7, 2007).
R-32 screen 2 (Regional)	TA-54 Rehab work plan	Not applicable because water-quality samples are not collected.	Abandon screen.	Screen 2 was used only for water-level data and was abandoned as part of the conversion of R-32 to a single-screen well as described above.
R-32 screen 3 (Regional)	TA-54 Rehab work plan	Does not meet objectives. Iron-reducing conditions, residual organic drilling fluids, and other drilling-related geochemical conditions indicate poor prognosis for meeting objectives within useful time frame.	Abandon screen.	Screen 3 was abandoned as part of the conversion of R-32 to a single-screen well as described above for R-32 screen 1.
Water Canyon Watershed (includes Cañon de Valle)				
CdV-16-1(i) (Intermediate)	TA-16-260 Outfall	Meets objectives	Monitor in accordance with the 2007 Interim Plan.	No basis for change
CdV-16-2(i)r (Intermediate)	TA-16-260 Outfall	Conditionally meets objectives	Monitor in accordance with the 2007 Interim Plan.	No basis for change
CdV-16-3(i) (Intermediate)	TA-16-260 Outfall	Not applicable. Screen has been dry since installation.	Deepen this well into a producing zone of the regional aquifer and install a single completion well.	Such a well may (1) help characterize whether a significant high-explosives plume exists in the regional aquifer at TA-16; (2) provide additional constraints on head gradients in the southern portions of TA-16 to support future modeling efforts designed to optimize a monitoring network; and (3) represent a very near-field

Table F-3.0-1 (continued)

Well Screen (Zone of Saturation)	Most Recent Evaluation Report[a]	Geochemical Evaluation[b]	Recommended Action[c]	Rationale[d]
				monitoring well for transport of high explosives in the regional aquifer (if it is not already contaminated).
CdV-R-15-3 screen 4 (Regional)	TA-16-260 Outfall	Meets objectives	Monitor in accordance with the 2007 Interim Plan.	No basis for change
CdV-R-15-3 screen 5 (Regional)	TA-16-260 Outfall	Does not meet objectives	Monitor in accordance with the 2007 Interim Plan.	No basis for change
CdV-R-15-3 screen 6 (Regional)	TA-16-260 Outfall	Conditionally meets objectives	Monitor in accordance with the 2007 Interim Plan.	No basis for change
CdV-R-37-2 screen 2 (Regional)	TA-16-260 Outfall	Does not meet objectives	Rehabilitate screen 2, which is located in the phreatic zone.	This well screen is highly impacted by residual drilling fluids, does not appear to be cleaning up significantly with time, and is in an important location, given the uncertainties associated with regional aquifer gradients in the southern portions of TA-16. It is the highest priority, most highly impacted well screen evaluated in this report. Rehabilitating this screen may be difficult because it is located in tight dacites and could not be pumped during well development.
CdV-R-37-2 screen 3 (Regional)	TA-16-260 Outfall	Meets objectives	Monitor in accordance with the 2007 Interim Plan.	No basis for change
CdV-R-37-2 screen 4 (Regional)	TA-16-260 Outfall	Conditionally meets objectives	Monitor in accordance with the 2007 Interim Plan.	No basis for change
R-25 screen 1 (Intermediate)	TA-16-260 Outfall	Conditionally meets objectives	Replace with new single-screen well. In the meantime, continue to monitor screen 1 in accordance with the 2007 Interim Plan.	Screens 1 and 2 are the most contaminated in the well, and they are impacted by drilling fluids or screen corrosion. They do not appear to be improving; in fact, they may be corroding based on the increased detection of nickel, chromium,

Table F-3.0-1 (continued)

Well Screen (Zone of Saturation)	Most Recent Evaluation Report[a]	Geochemical Evaluation[b]	Recommended Action[c]	Rationale[d]
				and iron during recent sampling rounds. A new single-screen well would confirm or deny whether the screens are corroding. More importantly, it would be valuable to have an additional high-quality screen [beyond CdV-16-1(i) and CdV-16-2(i)r] within the contaminated perched zone that could be used to diagnose whether monitored natural attenuation (MNA) is occurring within the TA-16 perched-zone plume. These actions associated with well R-25 are generally consistent with NMED's recommendations in its letter dated April 5, 2007 (NMED 2007, 095394).
R-25 screen 2 (Intermediate)	TA-16-260 Outfall	Conditionally meets objectives	Monitor in accordance with the 2007 Interim Plan.	Screens 1 and 2 are the most contaminated in the well, and they are impacted by drilling fluids or screen corrosion. They do not appear to be improving; in fact, they may be corroding based on the increased detection of nickel, chromium, and iron during recent sampling rounds. A new single-screen well would confirm or deny whether the screens are corroding. More importantly, it would be valuable to have an additional high-quality screen [beyond CdV-16-1(i) and CdV-16-2(i)r] within the contaminated perched zone that could be used to diagnose whether MNA is occurring within the TA-16 perched-zone plume. These actions associated with well R-25, are generally consistent with NMED's recommendations in its letter dated April 5, 2007 (NMED 2007, 095394).
R-25 screen 4 (Intermediate)	TA-16-260 Outfall	Conditionally meets objectives	Monitor in accordance with the 2007 Interim Plan.	No basis for change

Table F-3.0-1 (continued)

Well Screen (Zone of Saturation)	Most Recent Evaluation Report[a]	Geochemical Evaluation[b]	Recommended Action[c]	Rationale[d]
R-25 screen 5 (Regional)	TA-16-260 Outfall	Conditionally meets objectives	Monitor in accordance with the 2007 Interim Plan.	No basis for change
R-25 screen 6 (Regional)	TA-16-260 Outfall	Conditionally meets objectives	Monitor in accordance with the 2007 Interim Plan.	No basis for change
R-25 screen 7 (Regional)	TA-16-260 Outfall	Conditionally meets objectives	Monitor in accordance with the 2007 Interim Plan.	No basis for change
R-25 screen 8 (Regional)	TA-16-260 Outfall	Conditionally meets objectives	Monitor in accordance with the 2007 Interim Plan.	No basis for change
R-26 screen 1 (Intermediate)	TA-16-260 Outfall	Meets objectives	Monitor in accordance with the 2007 Interim Plan.	No basis for change
R-27 (Regional)	TA-16-260 Outfall	Meets objectives	Monitor in accordance with the 2007 Interim Plan.	No basis for change
Ancho Watershed				
R-31 screen 2 (Regional)	WSAR	Not included in any of the monitoring network evaluation reports prepared in 2007	Monitor in accordance with the 2007 Interim Plan.	No basis for change
R-31 screen 3 (Regional)	WSAR	Not included in any of the monitoring network evaluation reports prepared in 2007	Monitor in accordance with the 2007 Interim Plan.	No basis for change
R-31 screen 4 (Regional)	WSAR	Not included in any of the monitoring network evaluation reports prepared in 2007	Monitor in accordance with the 2007 Interim Plan.	No basis for change

Table F-3.0-1 (continued)

Well Screen (Zone of Saturation)	Most Recent Evaluation Report[a]	Geochemical Evaluation[b]	Recommended Action[c]	Rationale[d]
R-31 screen 5 (Regional)	WSAR	Not included in any of the monitoring network evaluation reports prepared in 2007	Monitor in accordance with the 2007 Interim Plan.	No basis for change

[a] The following abbreviations are used for the most recent reports addressing water-quality evaluations of the well screens:

- LA/Pueblo = Los Alamos and Pueblo Canyons Groundwater Monitoring Well Network Evaluation and Recommendations (LANL 2007, 099936)
- Mortandad = Mortandad Canyon Groundwater Monitoring Well Network Evaluation, Revision 1 (LANL 2007, 099128)
- Pilot rehab = Pilot Well Rehabilitation Study Summary Report (LANL 2007, 095889)
- Rehab work plan = Work Plan for R-Well Rehabilitation and Replacement, Revision 2 (LANL 2007, 098119)
- R-12 rehab = Well R-12 Rehabilitation and Conversion Summary Report, Revision 1(LANL 2008, 100352)
- R-14 rehab = Well R-14 Rehabilitation and Conversion Summary Report (LANL 2008, 101462).
- R-20 rehab = Well R-20 Rehabilitation and Conversion Summary Report, Revision 1(LANL 2008, 100473)
- R-32 rehab = Well R-32 Rehabilitation and Conversion Summary Report, Revision 1(LANL 2007, 100572)
- TA-16-260 Outfall = Evaluation of the Suitability of Wells near Technical Area 16 for Monitoring Contaminant Releases from Consolidated Unit 16-021(c)-99, Revision 1 (LANL 2007, 100113)
- TA-54 = Technical Area 54 Well Evaluation and Network Recommendations (LANL 2007, 098172)
- WSAR = Well Screen Analysis Report, Revision 2 (LANL 2007, 096330)

[b] Geochemical criteria include an assessment of whether conditions are present in the aquifer resulting from drilling that prevent water-quality samples from meeting monitoring objectives, focusing on key chemicals of potential concern for groundwater. The current capability of each screen to meet geochemical monitoring objectives is expressed by assignment of the screen to one of three categories, based on an evaluation of the most recent sampling events available at the time the monitoring network evaluation report was written:

- Meets monitoring objectives—the evaluation does not reveal compelling evidence for any residual drilling effects, and the screen provides R&R samples for all COPCs.
- Conditionally meets objectives—the evaluation indicates the presence of a residual drilling effect, but the screen currently provides R&R samples for some COPCs.
- Does not meet monitoring objectives—the evaluation shows obvious geochemical effects related to drilling, such that the screen cannot provide R&R samples for most COPCs, and conditions do not show clear signs of improving within a reasonable time frame.

[c] This column indicates the actions recommended for each well screen included in the monitoring network evaluation reports, taking into consideration the physical, hydrologic, and geochemical evaluations presented in the appendices of those reports. The recommendations generally fall into one of the following actions: (a) no change in usage; continue to monitor in accordance with the 2007 Interim Plan (LANL 2007, 096665), (b) rehabilitate well screen and replace its sampling system, (c) replace well, or (d) abandon well screen.

Table F-4.0-1
Sampling Suite Assignment in 2008 Interim Plan Based on Geochemical Considerations

Well Screen	Assigned to Indicator Constituent Suite in 2007 Interim Plan[a]	Implementation in 2008 Interim Plan[b]	Geochemical Rationale for Implementation Action
Los Alamos Watershed (includes Pueblo Canyon)			
R-2 (Regional)	—	Unrestricted	Equilibrated, with stable trends. No basis for change.
R-3i (Intermediate)	—	Unrestricted	Equilibrated, with stable trends. No basis for change.
R-4 (Regional)	—	Unrestricted	Equilibrated, with stable trends. No basis for change.
R-5 screen 1 (Intermediate)	—	Unrestricted (reevaluate if water is present)	Usually dry. No basis for change.
R-5 screen 2 (Intermediate)	Yes	Unrestricted	Equilibrated, with stable trends (Figure F-4.0-2). **Upgrade**—consistent with recommendation in network evaluation report.
R-5 screen 3 (Regional)	Yes	Unrestricted	Equilibrated, with stable trends (Figure F-4.0-2). **Upgrade**—consistent with recommendation in network evaluation report. See.
R-5 screen 4 (Regional)	Yes	Indicator suite, low-level tritium, general inorganics, perchlorate	Still showed some residual effects from drilling, with improving trends when last sampled with adequate data to permit evaluation (Figure F-4.0-2). No basis for change—reevaluate as new data are obtained.
R-6 (Regional)	Yes	Unrestricted	Equilibrated, with stable trends (Figure F-4.0-3). **Upgrade**—consistent with recommendation in network evaluation report.
R-6i (Intermediate)	—	Unrestricted	Equilibrated, with stable trends. No basis for change.
R-7 screen 1 (Intermediate)	—	Unrestricted (reevaluate if water is present)	Usually dry. No basis for change.
R-7 screen 2 (Intermediate)	—	Unrestricted (reevaluate if water is present)	Usually dry. No basis for change.
R-7 screen 3 (Regional)	Yes	Indicator suite, low-level tritium	Still shows several residual effects from drilling, with stable trends. No basis for change.
R-8 screen 1 (Regional)	—	Unrestricted	Equilibrated, with stable trends (Figure F-4.0-4). No basis for change.
R-8 screen 2 (Regional)	—	Unrestricted	Equilibrated based on January 2008 sample, stability of trends to be evaluated as new data are obtained (Table F-2.0-1, Figure F-4.0-4). Although this screen was temporarily switched to the indicator suite in 2007, residual effects of drilling appear to have largely dissipated. No basis for change.

Table F-4.0-1 (continued)

Well Screen	Assigned to Indicator Constituent Suite in 2007 Interim Plan[a]	Implementation in 2008 Interim Plan[b]	Geochemical Rationale for Implementation Action
R-9 (Regional)	—	Unrestricted	Equilibrated, with stable trends. No basis for change.
R-9i screen 1 (Intermediate)	Yes	Unrestricted	Equilibrated, with stable trends (Figure F-4.0-5). **Upgrade**—consistent with recommendation in network evaluation report.
R-9i screen 2 (Intermediate)	Yes	Unrestricted	Equilibrated, with stable trends (Figure F-4.0-5). **Upgrade**—consistent with recommendation in network evaluation report.
R-24 (Regional)	—	Unrestricted	Equilibrated, with stable trends. No basis for change.
LAOI(a)1.1 (Intermediate)	—	Unrestricted	No basis for change.
LADP-3 (Intermediate)	—	Unrestricted	No basis for change.
LAOI-3.2 (Intermediate)	—	Unrestricted	No basis for change.
LAOI-3.2a (Intermediate)	—	Unrestricted	No basis for change.
LAOI-7 (Intermediate)	—	Unrestricted	No basis for change.
POI-4 (Intermediate)	—	Unrestricted	No basis for change.
TW-1 (Regional)	—	Well planned for plug and abandon (P&A)—removed from sampling plan	Consistent with P&A recommendation in network evaluation report
TW-1A (Intermediate)	—	Well planned for P&A—removed from sampling plan	Consistent with P&A recommendation in network evaluation report
TW-2 (Regional)	—	Well planned for P&A—removed from sampling plan	Consistent with P&A recommendation in network evaluation report
TW-2A (Intermediate)	—	Well planned for P&A—removed from sampling plan	Consistent with P&A recommendation in network evaluation report
TW-3 (Regional)	—	Monitor for tritium only.	Consistent with direction from NMED
TW-4 (Regional)	—	Water-level monitoring only.	Consistent with recommendation in network evaluation report
Sandia Canyon Watershed			
R-10a (Regional)	—	Unrestricted	Equilibrated, with stable trends. No basis for change.
R-10 screen 1 (Regional)	—	Unrestricted	Equilibrated, with stable trends. No basis for change.

Table F-4.0-1 (continued)

Well Screen	Assigned to Indicator Constituent Suite in 2007 Interim Plan[a]	Implementation in 2008 Interim Plan[b]	Geochemical Rationale for Implementation Action
R-10 screen 2 (Regional)	—	Unrestricted	Equilibrated, with stable trends. No basis for change.
R-11 (Regional)	—	Unrestricted	Equilibrated, with stable trends. No basis for change.
R-12 screen 1 (Intermediate)	—	Indicator suite, low-level tritium, perchlorate, general inorganics	Not yet reequilibrated following rehabilitation and conversion activities, Baski sampling system installed in December 2007 (Table F-2.0-1, Figure F-4.0-6). **Downgrade**—continue to reevaluate as new data are obtained.
R-12 screen 2 (Intermediate)	—	Unrestricted	Reequilibrated following rehabilitation and conversion activities, Baski sampling system installed in December 2007 (Table F-2.0-1, Figure F-4.0-6). No basis for change.
R-12 screen 3 (Regional)	—	Screen isolated—removed from sampling plan.	Removed from sampling plan in accordance with well rehabilitation work plan (LANL 2007, 098119).
R-35a (Regional)	—	Unrestricted	Equilibrated based on February 2008 sample, stability of trends to be evaluated as new data are obtained (Figure F-4.0-13). New well first sampled in August 2007.
R-35b (Regional)	—	Unrestricted	Equilibrated based on February 2008 sample, stability of trends to be evaluated as new data are obtained (Figure F-4.0-13). New well first sampled in August 2007.
Mortandad Canyon Watershed			
R-1 (Regional)	—	Unrestricted	Equilibrated, with stable trends. No basis for change.
R-13 (Regional)	—	Unrestricted	Equilibrated, with stable trends. No basis for change.
R-14 screen 1 (Regional)	—	Unrestricted	Reequilibrated following rehabilitation and conversion activities, stability of trends to be evaluated as new data are obtained (Figure F-4.0-7). No basis for change—consistent with R-14 well rehabilitation and conversion report (LANL 2008, 098119).
R-14 screen 2 (Regional)	Yes	Screen isolated—removed from sampling plan.	Removed from sampling plan in accordance with well rehabilitation work plan (LANL 2007, 098119).
R-15 (Regional)	—	Unrestricted	Equilibrated, with stable trends. No basis for change.
R-16 screen 1 (Intermediate)	—	Not applicable	Not applicable because screen is blocked off.

Table F-4.0-1 (continued)

Well Screen	Assigned to Indicator Constituent Suite in 2007 Interim Plan[a]	Implementation in 2008 Interim Plan[b]	Geochemical Rationale for Implementation Action
R-16 screen 2 (Regional)	Yes	Indicator suite, perchlorate, low-level tritium	Not yet completely reequilibrated following rehabilitation activities, with improving trends. No basis for change at this time—continue to reevaluate as new data are obtained. Consistent with network evaluation and R-16 well rehabilitation reports.
R-16 screen 3 (Regional)	—	Unrestricted	Reequilibrated following R-16 rehabilitation (Table F-2.0-1). No basis for change—consistent with network evaluation and R-16 well rehabilitation reports.
R-16 screen 4 (Regional)	Yes	Indicator suite, sulfide, ammonia, TKN, low-level tritium	Still shows residual effects from drilling and rehabilitation activities with slowly improving trends. No basis for change—consistent with network evaluation and R-16 well rehabilitation reports.
R-16r (Regional)	—	Unrestricted	Equilibrated, with stable trends. No basis for change.
R-21 (Regional)	—	Unrestricted	Equilibrated, with stable trends. No basis for change.
R-28 (Regional)	—	Unrestricted	Equilibrated, with stable trends. No basis for change.
R-33 screen 1 (Regional)	—	Unrestricted	Equilibrated, stability of trends to be evaluated as new data are obtained. No basis for change. Although this screen was temporarily switched to the indicator suite in 2007, data trends show that residual effects of drilling have largely dissipated.
R-33 screen 2 (Regional)	—	Unrestricted	Equilibrated, stability of trends to be evaluated as new data are obtained. No basis for change. Although this screen was temporarily switched to the indicator suite in 2007, data trends show that residual effects of drilling have largely dissipated.
R-34 (Regional)	—	Unrestricted	Equilibrated, with stable trends. No basis for change.
TW-8 (Regional)	—	Well planned for P&A—removed from sampling plan	Consistent with P&A recommendation in network evaluation report
MCOBT-4.4 (Intermediate)	—	Well planned for P&A—removed from sampling plan	Consistent with P&A recommendation in network evaluation report
MCOI-4 (Intermediate)	—	Unrestricted	No basis for change
MCOI-5 (Intermediate)	—	Unrestricted	No basis for change

Table F-4.0-1 (continued)

Well Screen	Assigned to Indicator Constituent Suite in 2007 Interim Plan[a]	Implementation in 2008 Interim Plan[b]	Geochemical Rationale for Implementation Action
MCOI-6 (Intermediate)	—	Unrestricted	No basis for change
MCOI-8 (Intermediate)	—	Restricted to water level monitoring	Consistent with recommendation in network evaluation report
Pajarito Canyon Watershed			
R-17 screen 1 (Regional)	—	Unrestricted	Equilibrated, with stable trends. No basis for change.
R-17 screen 2 (Regional)	—	Unrestricted	Equilibrated, with stable trends. No basis for change.
R-18 (Regional)	—	Unrestricted	Equilibrated, with stable trends. No basis for change.
R-19 screen 2 (Intermediate)	Yes	Unrestricted	Equilibrated, with stable trends (Figure F-4.0-8a). **Upgrade**—based on evaluation of 2007 samples.
R-19 screen 3 (Regional)	Yes	Unrestricted	Equilibrated, with stable trends (Figure F-4.0-8b). **Upgrade**—consistent with recommendation in network evaluation report.
R-19 screen 4 (Regional)	—	Unrestricted	Equilibrated, with stable trends (Figure F-4.0-8b). No basis for change.
R-19 screen 5 (Regional)	Yes	Indicator suite, sulfide, ammonia, TKN	Still shows residual effects from drilling, slowly improving trends (Figure F-4.0-8b). No basis for change
R-19 screen 6 (Regional)	Yes	Indicator suite, sulfide, ammonia, TKN	Still shows residual effects from drilling, slowly improving trends (Figure F-4.0-8b). No basis for change
R-19 screen 7 (Regional)	Yes	Indicator suite, sulfide, ammonia, TKN	Still shows residual effects from drilling, variable trends (Figure F-4.0-8b). No basis for change
R-20 screen 1 (Regional)	Yes	Unrestricted	Nearly reequilibrated following rehabilitation and conversion activities, much improved based on evaluation of March 2008 water-quality data (Figure F-4.0-9). **Upgrade**—consistent with recommendation in network evaluation report and R-20 Rehabilitation and Conversion Report.
R-20 screen 2 (Regional)	Yes	Unrestricted	Nearly reequilibrated following rehabilitation and conversion activities, much improved based on evaluation of March 2008 water-quality data (Figure F-4.0-9). **Upgrade**—consistent with recommendation in network evaluation report and R-20 Rehabilitation and Conversion Report.
R-20 screen 3 (Regional)	Yes	Screen isolated—removed from sampling plan.	Still shows effects from drilling. Removed from sampling plan in accordance with well rehabilitation work plan (LANL 2007, 098119).

Table F-4.0-1 (continued)

Well Screen	Assigned to Indicator Constituent Suite in 2007 Interim Plan[a]	Implementation in 2008 Interim Plan[b]	Geochemical Rationale for Implementation Action
R-22 screen 1 (Regional)	Yes	Indicator suite, sulfide, ammonia, TKN, low-level tritium	Still shows effects from drilling, variable trends (Figure F-4.0-10). No basis for change.
R-22 screen 2 (Regional)	—	Unrestricted	Equilibrated, with stable trends (Figure F-4.0-10). No basis for change.
R-22 screen 3 (Regional)	Yes	Unrestricted	Equilibrated, with stable trends (Figure F-4.0-10). **Upgrade.**
R-22 screen 4 (Regional)	Yes	Indicator suite, sulfide, TKN, low-level tritium	Still shows effects from drilling, slowly improving trends (Figure F-4.0-10). No basis for change.
R-22 screen 5 (Regional)	Yes	Indicator suite, sulfide, ammonia, TKN, low-level tritium	Still shows effects from drilling, slowly improving trends (Figure F-4.0-10). No basis for change.
R-23 (Regional)	—	Unrestricted	Equilibrated, with stable trends. No basis for change.
R-23i screen 1 (Intermediate)	—	Unrestricted	Equilibrated, with stable trends. No basis for change. Although only a few samples have been collected thus far from this new well screen, data trends show that residual effects of drilling have largely dissipated.
R-23i screen 2 (Intermediate)	—	Unrestricted	Equilibrated, with stable trends. No basis for change. Although only a few samples have been collected thus far from this new well screen, data trends show that residual effects of drilling have largely dissipated.
R-23i piezometer (Intermediate)	—	Not intended to be used for monitoring water quality.	No basis for change
R-32 screen 1 (Regional)	—	Unrestricted	Nearly reequilibrated following redevelopment and conversion in October 2007, with improving trends (Figure F-4.0-12). No basis for change.
R-32 screen 2 (Regional)	—	Screen isolated—removed from sampling plan.	Removed from sampling plan in accordance with well rehabilitation work plan (LANL 2007, 098119).
R-32 screen 3 (Regional)	Yes	Screen isolated—removed from sampling plan.	Removed from sampling plan in accordance with well rehabilitation work plan (LANL 2007, 098119).
Water Canyon (includes Cañon de Valle)			
CdV-16-1(i) (Intermediate)	—	Unrestricted	Equilibrated, with stable trends. No basis for change.

Table F-4.0-1 (continued)

Well Screen	Assigned to Indicator Constituent Suite in 2007 Interim Plan[a]	Implementation in 2008 Interim Plan[b]	Geochemical Rationale for Implementation Action
CdV-16-2(i)r (Intermediate)	Yes	Unrestricted	Geochemistry is affected by water-level changes following sampling events, resulting in variable geochemical trends (Figure F-4.0-14). **Upgrade.**
CdV-16-3(i) (Intermediate)	—	Not applicable (well scheduled to be deepened to access the regional water table)	Not applicable (well scheduled to be deepened to access the regional water table)
CdV-R-15-3 screen 4 (Regional)	—	Unrestricted	Equilibrated, with stable trends (Figure F-4.0-1). No basis for change.
CdV-R-15-3 screen 5 (Regional)	Yes	Indicator suite, low-level tritium	Still shows effects from drilling, with stable trends (Figure F-4.0-1). No basis for change.
CdV-R-15-3 screen 6 (Regional)	—	Indicator suite, HEXP (RDX-DP[c]), low-level tritium	Still shows effects from drilling, with improving trends (Figure F-4.0-1). **Downgrade**—continue to reevaluate as new data are obtained.
CdV-R-37-2 screen 2 (Regional)	Yes	Indicator suite, VOCs, HEXP (RDX-DP), low-level tritium	Still shows effects from drilling, with stable trends. No basis for change.
CdV-R-37-2 screen 3 (Regional)	—	Unrestricted	Equilibrated, with stable trends. No basis for change.
CdV-R-37-2 screen 4 (Regional)	Yes	Indicator suite, HEXP (RDX-DP), low-level tritium	Still shows effects from drilling, with stable trends. No basis for change.
R-25 screen 1 (Intermediate)	Yes	Unrestricted	Slightly impacted, with improving trends (see Figure F-4.0-15). **Upgrade.**
R-25 screen 2 (Intermediate)	Yes	Indicator suite, HEXP (RDX-DP), low-level tritium	Impacted by well corrosion, with slowly improving trends. No basis for change.
R-25 screen 4 (Intermediate)	Yes	Unrestricted	Slightly impacted, with improving trends (see Figure F-4.0-15). **Upgrade.**
R-25 screen 5 (Regional)	—	Unrestricted	Not yet reequilibrated, with improving trends (Figure F-4.0-11). No basis for change—consistent with network evaluation report.
R-25 screen 6 (Regional)	—	Unrestricted	Equilibrated, with stable trends (Figure F-4.0-11). No basis for change.
R-25 screen 7 (Regional)	—	Unrestricted	Equilibrated, with stable trends (Figure F-4.0-11). No basis for change.
R-25 screen 8 (Regional)	—	Unrestricted	Not yet reequilibrated, with improving trends (Figure F-4.0-11). No basis for change.
R-26 screen 1 (Intermediate)	—	Unrestricted	Equilibrated, with stable trends. No basis for change.

Table F-4.0-1 (continued)

Well Screen	Assigned to Indicator Constituent Suite in 2007 Interim Plan[a]	Implementation in 2008 Interim Plan[b]	Geochemical Rationale for Implementation Action
R-27 (Regional)	—	Unrestricted	Equilibrated, with stable trends. No basis for change.
Ancho Canyon Watershed			
R-31 screen 2 (Regional)	Yes	Indicator suite, HEXP (RDX-DP), low-level tritium	Still shows effects from drilling, stable trends. No basis for change.
R-31 screen 3 (Regional)	Yes	Indicator suite, HEXP (RDX-DP), low-level tritium	Still shows effects from drilling, with slowly improving trends. No basis for change.
R-31 screen 4 (Regional)	—	Unrestricted	Equilibrated, with stable trends. No basis for change.
R-31 screen 5 (Regional)	—	Unrestricted	Equilibrated, with stable trends. No basis for change.

[a] "Yes" indicates this well screen was assigned to the "Indicator Constituent Suite" in the 2007 Interim Plan (LANL 2007, 096665); "—" indicates that it was not assigned to this suite.

[b] This column indicates how the geochemical evaluations presented in this appendix have been taken into consideration in the 2008 Interim Plan by taking one of the following actions:

- "Unrestricted" indicates that water-quality samples collected from this well screen are not restricted to the indicator constituent suite and may include full analytical suite samples.
- "Indicator suite" includes major anions and cations (including metals), nitrate plus nitrite (as N), alkalinity, pH, total organic carbon (TOC), and, as needed, sulfide, ammonia, TKN, and perchlorate. This limited suite has been augmented in some locations to include specific analytes relevant to the monitoring needs of the watershed.
- "Well planned for P&A—removed from sampling plan."
- "Screen isolated—removed from sampling plan."
- "Not applicable" indicates that the well screen was not included in the 2007 Interim Plan (e.g., the well screen is blocked off or it is a new well that came on line for sampling subsequent to the issuance of the 2007 plan).

[c] RDX-DP = Designates analysis for RDX and the RDX degradation compounds hexahydro-1-nitroso-3, 5-dinitro-1,3,5-triazine (MNX), hexahydro-1,3-dinitroso-5-nitro-1,3,5-triazine (DNX), and hexahydro-1,3,5-trinitroso-1,3,5-triazine (TNX).