Los Alamos National Laboratory
Storm Water Monitoring Plan

Revision 1
March 31, 2005

Prepared by: University of California, Los Alamos National Laboratory
Environmental Stewardship Division,
Water Quality and Hydrology Group (ENV-WQH)
SWMU Specific Permit Application Team, Los Alamos, New Mexico.

LA-UR-05-2247

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EST. 1943

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Date: March 30, 2005
Refer To: ENV-WQH: 05-061

Ms. Waudelle Strickley
U. S. Environmental Protection Agency, Region 6
Water Enforcement Branch (6EN-WC)
1445 Ross Avenue, Suite 1200
Dallas, Texas 75202-2733

SUBJECT: ANNUAL STORM WATER MONITORING PLAN AND STORM WATER POLLUTION PREVENTION PLAN FOR SOLID WASTE MANAGEMENT UNITS AND AREAS OF CONCERN AT LOS ALAMOS NATIONAL LABORATORY, FFCA DOCKET NO. CWA-06-2005-1701

Dear Ms. Strickley:

The Department of Energy (DOE) and the University of California (UC) are pleased to submit the Laboratory's Storm Water Monitoring Plan (SWMP) and the Storm Water Pollution Prevention Plan for Solid Waste Management Units and Areas of Concern (SWMU-AOC/SWPPP). These plans were prepared by the Laboratory's Water Quality and Hydrology Group (ENV-WQH) as a requirement of the Federal Facility Compliance Agreement (FFCA) Docket No. CWA-06-2005-1701.

The annual modification of the SWMP addresses storm water monitoring on a watershed scale and includes data quality objectives, sample methodology, quality control, and storm water monitoring results for 2004. The SWMU-AOC/SWPPP addresses storm water monitoring on a site-specific scale and includes the methodology used to identify and prioritize sites with the greatest potential for erosion, the criteria for determining monitoring locations, the types of erosion control measures implemented, and storm water monitoring results for 2004.

Copies of these plans are being sent to the New Mexico Environment Department (NMED) Surface Water Quality Bureau and the NMED DOE Oversight Bureau for review. We are requesting comments on these plans no later than April 30, 2005, so that we may proceed with storm water sampling under final plans at an early date. A meeting will be scheduled in early May to address comments and to arrive at a consensus on the final plans.

Please contact Gene Turner at (505) 667-5794 or Steve Veenis at (505) 667-0013, if additional information would be helpful. We look forward to finalizing these plans and having a productive storm water sampling season.

Sincerely,

Steven Rae
Group Leader
Water Quality & Hydrology Group

SR:SV/lm

Enclosure: a/s

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IM-5, w/enc., MS A150

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Storm Water Monitoring Plan

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A requirement of the

Los Alamos National Laboratory Federal Facility Compliance Agreement
Administrative Order Docket No. CWA-06-205-1701

and the

NPDES Storm Water Multi-Sector General Permit For Industrial Activities
(NPDES Permit Nos. NMR05A734 and NMR05A735)

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Los Alamos National Laboratory
Storm Water Monitoring Plan
Revision 1, March 2005

Preface

This Storm Water Monitoring Plan (SWMP) has been developed in accordance with regulations governing storm water discharge controls at Los Alamos National Laboratory (LANL). These regulations, pursuant to the Clean Water Act, 33 U.S.C. Section 1251-1387, include the 2005 Federal Facility Compliance FFCA (Administrative Order Docket No. CWA-06-205-1701) entered into between the U.S. EPA and the U.S. Department of Energy, and those established by the U.S. Environmental Protection Agency (EPA) for National Pollutant Discharge Elimination System (NPDES) Storm Water Multi-Sector General Permits (MSGP) for Industrial Activities.

In accordance with facility activity, this SWMP complies with the industry-specific permit requirements for Hazardous Waste Treatment Storage or Disposal, Section XI subpart K, of the NPDES Storm Water MSGP for Industrial Activities (65 FR 64746). The applicable Storm Water Discharge Permit is EPA MSGP Number NMR05A734 and NMR05A735 (U.S. EPA 2000).

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SWMP

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LIST OF ACRONYMS

AEC	US Atomic Energy Commission
AOC	area of concern
BMP	best management practice
CAS	Chemical Abstracts Service
CCC	Criterion Continuous Concentration
CFR	Code of Federal Regulations
CMC	Criteria Maximum Concentration
CWA	Clean Water Act
DOE	US Department of Energy
DOE/UC	US Department of Energy/University of California
DQO	data quality objective
ENV	Environmental Stewardship Division
EPA	US Environmental Protection Agency
EQL	estimated quantitation level
FFCA	Federal Facility Compliance FFCA
FR	Federal Register
HE	high explosive [compound]
HSWA	Hazardous and Solid Waste Amendments
L	Liter
LANL	Los Alamos National Laboratory
MDA	materials disposal area
MDA	minimum detectable activity
MDL	method detection limit
ml	milliliter
MRF	Materials Recycling Facility
MSGP	Multi-Sector General Permit
NMAC	New Mexico Administrative Code
NMED	New Mexico Environment Department
NMHWA	New Mexico Hazardous Waste Act of 1977
NPDES	National Pollutant Discharge Elimination System
PCB	polychlorinated biphenyl [compound]
pCi/L	picoCurie per Liter
PE	polyethylene
PRS	potential release site
QA	quality assurance
QC	quality control
RCRA	Recource Conservation and Recovery Act
SOP	standard operating procedure
SSC	suspended sediment concentration
SWAT	[Los Alamos] storm water assessment team
SWMU	solid waste management unit
SWPPP	Storm Water Pollution Prevention Plan
TA	technical area

TAL	target analyte list
TMDL	total maximum daily load
TR	total recoverable [concentration]
TSS	total suspended solids
UC	University of California
WQCC	[New Mexico] Water Quality Control Commission
WQH	Water Quality and Hydrology [Group]
wSAL	[storm] water screening action level

LOS ALAMOS NATIONAL LABORATORY STORM WATER MONITORING PLAN

CERTIFICATION STATEMENT OF AUTHORIZATION

"I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."

Kenneth M. Hargis 3/30/05

Environmental Stewardship Division Director, Acting Kenneth M. Hargis Date

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1.0 INTRODUCTION

1.1 Purpose

Los Alamos National Laboratory (LANL, the Laboratory) has prepared this Storm Water Monitoring Plan (SWMP, the Plan) pursuant to the requirements of the 2005 Federal Facility Compliance FFCA (FFCA) entered into between the United States Environmental Protection Agency (EPA) and the United States Department of Energy (DOE) on February 5, 2005 (EPA 2005). The FFCA establishes a compliance program under the Clean Water Act (CWA) for the regulation of storm water discharges from Laboratory Solid Waste Management Units (SWMUs) and Areas of Concern (AOCs) until such time as these sources are regulated by an individual storm water permit issued by the permitting authority pursuant to the National Pollutant Discharge Elimination System (NPDES). The purpose of the compliance program is to provide a schedule to ensure compliance with the NPDES storm water permitting program.

Under the FFCA, the Laboratory is conducting two types of storm water runoff monitoring, each of which is governed by individual monitoring and management plans:

- sampling on a watershed basis at automated gage stations sited within the Laboratory canyons systems, which is performed under this SWMP document; and

- sampling near specific SWMUs and AOCs (collectively, Sites), which is performed under a separate Storm Water Pollution Prevention Plan (SWMU/SWPPP) (LANL 2005a).

The purpose of the storm water monitoring mandated by the FFCA is to determine if there is a release or transport of a pollutant or contaminant[1] from a Site into surface water that could cause or contribute to a contravention of applicable surface water quality standards, including the antidegradation policy, or an applicable waste load allocation. The compliance schedule established by the FFCA underlies the management of the Sites to prevent or minimize erosion and the transport of pollutants from the Sites by storm water runoff.

The discharge of storm water at the Laboratory is regulated by NPDES Storm Water Multi-Sector General Permit Nos. NMR05A734 and NMR05A735 (General Permit) (EPA 2000b), which became effective on December 23, 2000 pursuant to 65 FR 64746. During the period that the FFCA is in effect, the Laboratory must continue to comply with all requirements of the current General Permit.

This SWMP is updated annually per the requirements of the FFCA and compliance program. Revision 1 of this document incorporates the analytical monitoring results for monitoring year 2004.This SWMP will also be modified as necessary to update modifications to State of New Mexico water quality standards and/or their applicability to storm water run-off at the Laboratory.

1.2 Scope

The scope of this SWMP document includes storm water runoff analytical monitoring governed by requirements set forth in the FFCA and in the General Permit.

- Analytical monitoring on a watershed basis at approximately 60 locations listed in Table 1 of the FFCA.

- Analytical monitoring at approximately 51 locations selected to meet the requirements of the General Permit.

Storm water runoff at the same location may be monitored to meet one or both sets of requirements.

[1] For the purposes of this Storm Water Monitoring Plan, the term “pollutant” will be used to refer to either a contaminant as defined in Section III.B, page 11, of the Compliance Order on Consent (NMED 2005), water contaminant as defined in 20.6.4 NMAC, or to a pollutant as defined at 40 CFR 122.2.

The scope of this SWMP document does not include the monitoring requirements for storm water runoff from the Sites that are also subject to the FFCA. The Site-specific monitoring requirements of the FFCA are addressed in a separate Laboratory SWMU/SWPP (LANL 2005).

1.3 Responsibilities

Responsibilities for accomplishing the requirements of this monitoring plan are shared by the DOE and the University of California (UC), which manages the Laboratory for the DOE National Nuclear Security Administration.

- The DOE is the owner/landlord of the Laboratory.
- The DOE and the UC are co-permittees of the MSGP under Permit Nos. NMR05A734 and NMR05A735, respectively.
- The DOE has entered into the FFCA with the EPA.
- The DOE is the funding agent for the FFCA.
- The DOE is the signatory authority for FFCA requirements.
- The UC is responsible for implementing the compliance schedule.

The Laboratory's Environmental Stewardship Division Water Quality and Hydrology Group (ENV-WQH) has the responsibility for implementing the requirements of the FFCA at the LANL facility, including:

- submitting the NPDES Individual Storm Water Permit Application to the EPA on March 31, 2005 to provide coverage for storm water discharges from the specific Sites that are subject to the requirements of the FFCA;
- developing, implementing, and maintaining this SWMP document that addresses the watershed-scale requirements of the FFCA;
- developing, implementing, and maintaining the SWMU/SWPPP that addresses the Site-specific requirements of the FFCA;
- meeting the reporting requirements specified in the FFCA; and
- best management practice maintenance and inspections.

The Laboratory's ENV-WQH group also has the responsibility for implementing the requirements of the General Permit at the LANL facility, including developing, implementing, and maintaining this SWMP to ensure that the General Permit requirements are met for SWMUs, which fall under Sector K as an industrial activity.

1.4 Monitoring Plan Overview

This Plan incorporates the watershed-specific storm water monitoring, sampling, and reporting requirements. The detailed monitoring and sampling plan, intended to meet the general requirements set forth in the FFCA, has been developed following the EPA Data Quality Objectives (DQO) Process (EPA 2000a).

- Section 2 documents the application of the DQO Process to the objectives of the watershed storm water monitoring.

- Section 3 details the optimized sampling design for obtaining data.
- Section 4 specifies the quality assurance (QA) and quality control (QC) activities to be implemented to assess performance.
- Section 5 presents the methods for data analysis, evaluation, and assessment; data report formats; and the Plan reporting schedule.

This Plan will be updated annually by March 31st of each year, beginning in 2005. The annual update will incorporate summary tables of analytical monitoring results for previous monitoring years (Attachment 1) and a summary of watershed-scale corrective actions implemented to date (Attachment 2).

1.5 Definitions

For the purposes of this Plan, the following definitions shall apply.

Area of Concern (AOC) means any area that may have had a release of a hazardous waste or hazardous constituent, which is not a Solid Waste Management Unit. (New Mexico 2005)

Best management practices ("BMPs") means schedules of activities, prohibitions of practices, maintenance procedures, and other management practices to prevent or reduce the pollution of "waters of the United States." BMPs also include treatment requirements, operating procedures, and practices to control plant site runoff, spillage or leaks, sludge or waste disposal, or drainage from raw material storage. (40 CFR 122.2)

Contaminant means any hazardous waste listed or identified as characteristic in 40 CFR Part 261 (incorporated by 20.4.1.200 NMAC); any hazardous constituent listed 40 CFR Part 261, Appendix VIII (incorporated by 20.4.1.200 NMAC) and 40 CFR Part 264, Appendix IX (incorporated by 20.4.1.500 NMAC); any groundwater contaminant listed in the WQCC Regulations at 20.6.2.3103 NMAC; any toxic pollutant listed in the WQCC Regulations at 20.6.2.7VV NMAC; certain explosive compounds as defined in Table III-1 of the Order on Consent (New Mexico 2004); nitrate; and perchlorate. Contaminant does not include radionuclides or the radioactive portion of mixed waste. (New Mexico 2005)

Dissolved means a constituent of a water sample that will pass through a 0.45-micron pore-size membrane filter under a pressure differential not exceeding one atmosphere. The "dissolved" fraction is also termed "filterable residue." (New Mexico 2002)

Point source means any discernible, confined, and discrete conveyance, including but not limited to, any pipe, ditch, channel, tunnel, conduit, well, discrete fissure, container, rolling stock, concentrated animal feeding operation, landfill leachate collection system, vessel or other floating craft from which pollutants are or may be discharged. This term does not include return flows from irrigated agriculture or agricultural storm water runoff. (40 CFR 122.2)

Pollutant means dredged spoil, solid waste, incinerator residue, filter backwash, sewage, garbage, sewage sludge, munitions, chemical wastes, biological materials, radioactive materials (except those regulated under the Atomic Energy Act of 1954, as amended (42 U.S.C. 2011 et seq.)), heat, wrecked or discarded equipment, rock, sand, cellar dirt and industrial, municipal, and agricultural waste discharged into water.

> Note: Radioactive materials covered by the Atomic Energy Act are those encompassed in its definition of source, byproduct, or special nuclear materials. Examples of materials not covered include radium and accelerator-produced isotopes. (40 CFR 122.2)

Schedule of compliance means a schedule of remedial measures included in a “permit”, including an enforceable sequence of interim requirements (for example, actions, operations, or milestone events) leading to compliance with the CWA and regulations. (40 CFR 122.2)

Solid waste management unit (SWMU) means any discernible unit or area at which solid waste has been placed at any time, and from which the New Mexico Environment Department determines there may be a risk of a release of hazardous constituents, irrespective of whether the unit or area was intended for the management of solid or hazardous waste. Such units include any area at a facility at which solid wastes have been routinely and systematically released. This definition includes regulated units (i.e., landfills, surface impoundments, waste piles, and land treatment units) but does not include passive leakage or one-time spills from production areas and units in which wastes have not been managed (e.g., product storage areas). (New Mexico 2005)

Total Recoverable Analyte means the concentration of analyte determined to be in either a solid sample or an unfiltered aqueous sample following treatment by refluxing with hot dilute mineral acid. (EPA 1994a)

2.0 DATA QUALITY OBJECTIVES FOR STORM WATER MONITORING

The EPA DQO Process (EPA 2000a) is a systematic planning process that is recommended for use when data are being used to select between two alternative conditions (e.g., compliance or non-compliance with a standard). The DQO Process for developing a data collection sampling design is applied through a seven-step approach. The outputs for the first six steps are detailed in the following sections; Section 3 details the final, optimized sampling design.

2.1 Problem Statement

The FFCA and the General Permit require that storm water runoff samples be collected at watershed monitoring stations located across the Laboratory. In order to conform with the FFCA and the compliance schedule, the monitoring plan must require that four samples be collected each calendar year, following precipitation events that produce a discharge in volumes large enough to allow for sample collection. One of the four samples may be collected during snowmelt runoff.

The purpose of the storm water monitoring mandated by the FFCA is to determine if there is a release or transport of a pollutant from a Site into surface water that could cause or contribute to a contravention of applicable surface water quality standards, including the antidegradation policy, or an applicable waste load allocation. The determination of whether Site releases are causing or contributing to a contravention of applicable water quality standards will be made by comparison of the concentration of a chemical in storm water runoff with a LANL-specific storm water screening action level (wSAL).

The wSAL may be based upon an applicable State of New Mexico water quality criterion, an acute aquatic life criterion, or a MSGP Benchmark value for Sector K (Hazardous Waste Treatment, Storage, or Disposal Facilities, including SWMUs). At this time, the applicable water quality standards are those for Livestock Watering, Wildlife Habitat, and Human Health criteria for persistent toxic pollutants as adopted by the New Mexico Water Quality Control Commission (WQCC) and set forth at NMAC 20.6.4.900 (New Mexico 2002).

Exceedances of wSALs are not necessarily violations of water quality standards. The wSALs are to be used as a screening tool to assess whether

- potential ecological or human health impacts may develop due to the concentrations of various chemicals discovered in storm water runoff; and/or

- to assess the performance of best management practices (BMPs) that are implemented at Laboratory Sites to control the release and transport of contaminants.

2.2 Identify the Decisions

1) Do storm water runoff analytical monitoring data indicate that a release or transport of a pollutant has occurred from a Laboratory Site into surface water that could cause or contribute to a contravention of applicable surface water quality standards, as indicated by comparison with the wSAL for the pollutant, such that corrective actions may be required?

2) What will constitute sufficient analytical results to demonstrate that the watershed represented by a monitoring station is not contributing constituents of Laboratory origin, such that sampling frequency may be reduced or halted and the monitoring station discontinued?

2.3 Identify Inputs to the Decisions

2.3.1 Monitoring Data

Monitoring Locations

Generally, storm water runoff samples will be collected at the 74 automated gage stations listed in Table 1. The gage stations are sited in drainages both within the Laboratory boundary and on non-DOE property formerly used for Laboratory activities. Several gage stations are also sited at off-site locations to monitor storm water runoff entering or leaving the Laboratory's boundary. The map included in Appendix A shows the monitoring station locations in the major Pajarito Plateau watersheds.

In monitoring year 2005, storm water runoff samples will be collected only at the 60 FFCA gage station locations. Analytical monitoring must be conducted on a quarterly basis in years two and four of the General Permit - 2002 and 2004, respectively. Analytical monitoring under the General Permit is not required in 2005.

The 74 gage station locations are selected to meet the requirements of two monitoring regimes: the FFCA and the General Permit. A gage station may be operated to meet the requirements of one or both monitoring regimes, as summarized below.

Monitoring Regime	No. of Stations
MSGP-only stations:	14
FFCA-only stations:	23
MSGP & FFCA stations:	37
Total MSGP stations:	51
Total FFCA stations:	60
Total stations:	74

- MSGP stations are operated solely or in part to collect analytical monitoring data that are reported to the EPA on Discharge Monitoring Reports pursuant to the requirements of the General Permit.

- The MSGP stations are sited to monitor specific industrial activities. Industrial activity sectors present at LANL are the following.

  Sector D - Asphalt Paving and Roofing Materials
  Sector F - Primary Metals (Nonferrous Metals)
  Sector K - Hazardous Waste Treatment, Storage, or Disposal Facilities (including Solid Waste Management Units)
  Sector L - Landfills and Land Application Sites
  Sector N - Scrap Recycling Facilities
  Sector O - Steam Electric Generating Facilities
  Sector P - Land Transportation
  Sector AA - Fabricated Metal Products

Table 1. LANL Gage Station Locations for Watershed Storm Water Runoff Monitoring

Canyon	Location Description	Station ID	MSGP Station (1)	FFCA Station (2)	MSGP Sector (3)	Conventional Site (4)
Los Alamos	Los Alamos below Ice Rink	E026		X		
Los Alamos	Los Alamos above DP Canyon	E030	X	X	K	
DP	DP above TA-21	E038	X	X	K	
DP	DP below Meadow at TA-21	E039	X	X	K	
DP	DP above Los Alamos Canyon	E040		X		
Los Alamos	Los Alamos above SR-4	E042	X	X	K	
Los Alamos	Los Alamos below LA Weir	E050		X		
Pueblo	Pueblo above Acid	E055	X	X	K	
Acid	Acid above Pueblo	E056	X	X	K	
Pueblo	Pueblo above SR-502	E060	X	X	K	
Acid	South Fork of Acid Canyon	E055.5		X		
Los Alamos	Los Alamos at Rio Grande	E110		X		
Rendija	Rendija above Guaje	E090	X		K	
Guaje	Guaje Canyon at SR 502	E099		X		
Sandia	Sandia right fork at Power Plant	E121	X	X	K, O	X
Sandia	Sandia left fork at Asphalt Plant	E122	X	X	K, AA	X
Sandia	Sandia Tributary from Roads and Grounds	E122.2	X		K, D	X
Sandia	Sandia Tributary below Sigma	E122.3	X		F	X
Sandia	Sandia Tributary behind MRF	E122.35	X		N	X
Sandia	Sandia tributary at Heavy Equipment	E122.5	X		K, P	X
Sandia	Sandia below Wetlands	E123		X		
Sandia	Sandia above Firing Range	E124	X	X	K	
Sandia	Sandia above SR-4	E125		X		
Effluent	TA-55 NW above Effluent Canyon	E196	X		K	X
Mortandad	Mortandad below Effluent Canyon	E200	X	X	K	
Mortandad	Mortandad above Ten Site	E201	X	X	K	
Ten Site	Ten Site at TA-50	E201.1	X		K	X
Ten Site	Ten Site below MDA C	E201.3	X	X	K	X
Ten Site	Ten Site above Mortandad	E201.5	X	X	K	
Mortandad	Mortandad above Sediment Traps	E202		X		
Mortandad	Mortandad below Sediment Traps	E203		X		
Mortandad	Mortandad at LANL Boundary	E204	X	X	K	
Canada del Buey	Canada del Buey near TA-46	E218	X	X	K	

Table 1. LANL Gage Station Locations for Watershed Storm Water Runoff Monitoring

Canyon	Location Description	Station ID	MSGP Station (1)	FFCA Station (2)	MSGP Sector (3)	Conventional Site (4)
Canada del Buey	TA-54 RANT	E220	X		K	X
Canada del Buey	Area J West	E220.5	X		L	X
Canada del Buey	Area J East	E220.7	X		L	X
Canada del Buey	MDA L	E223	X		K	X
Canada del Buey	Canada del Buey near MDA G	E225	X	X	K	
Canada del Buey	MDA G-13	E227	X	X	K, L	X
Canada del Buey	Canada del Buey above SR-4	E230		X		
Pajarito	Pajarito below SR-501	E240		X		
Pajarito	Pajarito above Starmers	E241		X		
Starmers	Starmers above Pajarito	E242	X	X	K	
La Delfe	La Delfe above Pajarito	E242.5	X	X	K	
Pajarito	Pajarito above Twomile	E243	X	X	K	
Twomile	Twomile tributary at TA-3	E243.5	X	X	K, AA	X
Twomile	Twomile above Pajarito	E244	X	X	K	
Pajarito	Pajarito above TA-18	E245		X		
Pajarito	Pajarito above Threemile	E245.5		X		
Threemile	Threemile above Pajarito	E246	X	X	K	
Pajarito	MDA G-1	E247		X		
Pajarito	MDA G-2	E248	X		K, L	X
Pajarito	MDA G-6U	E248.5	X	X	K, L	X
Pajarito	MDA G-4	E249	X	X	K, L	X
Pajarito	MDA G-7	E249.5	X		K, L	X
Pajarito	Pajarito above SR-4	E250	X	X	K	
Water	Water above SR-501	E252		X		
Canon de Valle	Canon de Valle above SR-501	E253		X		
Canon de Valle	Canon de Valle below MDA P	E256	X	X	K	
Canon de Valle	Canon de Valle tributary at Burn Grounds	E257	X	X	K	X
Water	Water above S Site Canyon	E260	X	X	K	
S Site	S Site Canyon above Water	E261	X	X	K	
Canon de Valle	Canon de Valle above Water	E262	X	X	K, AA	X
Water	Water below MDA AB	E262.5	X	X	K	
Water	Water at SR-4	E263		X		
Indio	Indio at SR-4	E264		X		
Water	Water below SR-4	E265		X		

Table 1. LANL Gage Station Locations for Watershed Storm Water Runoff Monitoring

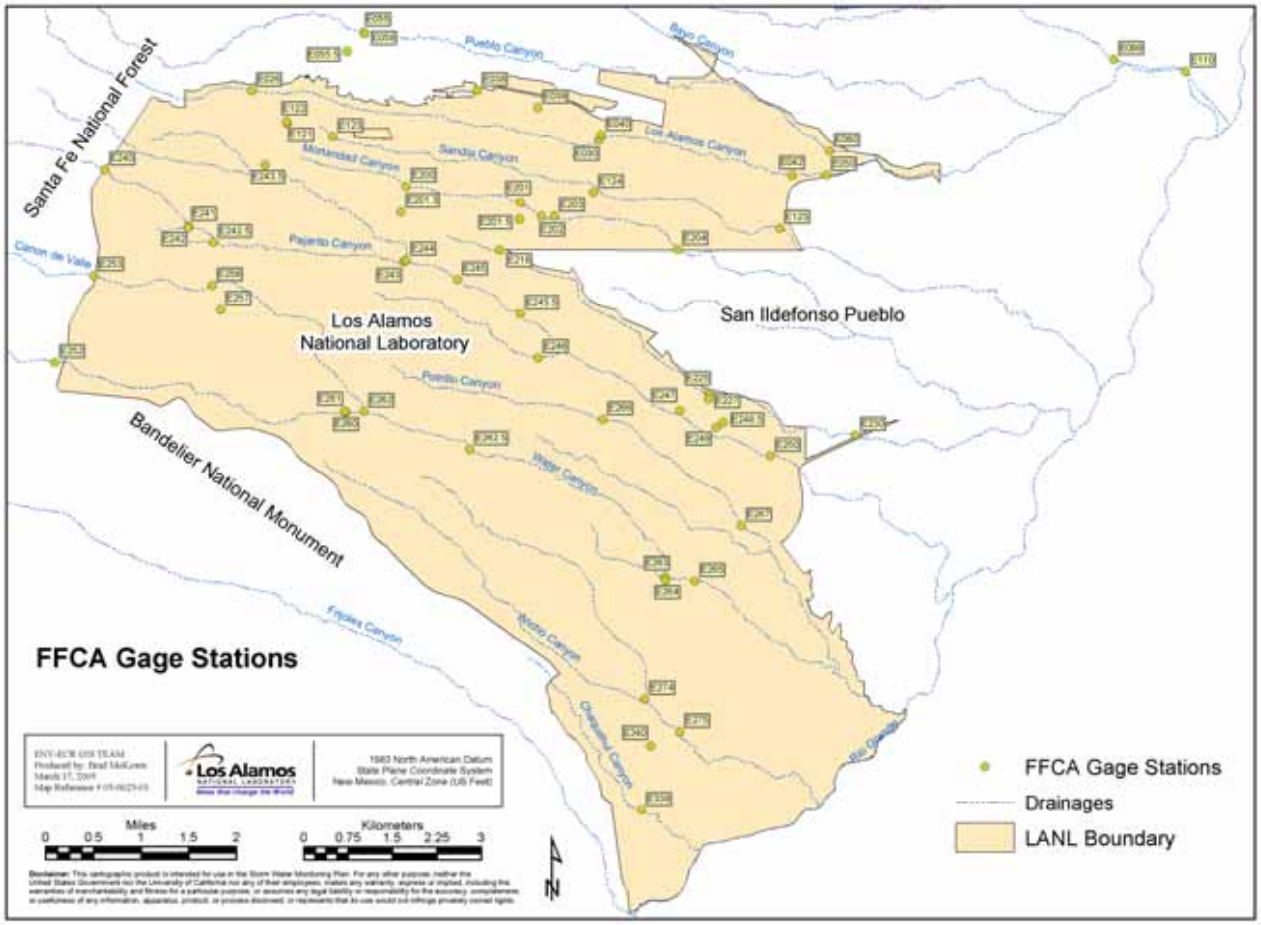
Canyon	Location Description	Station ID	MSGP Station (1)	FFCA Station (2)	MSGP Sector (3)	Conventional Site (4)
Potrillo	Potrillo at Lower Slobovia	E266	X	X	K	
Potrillo	Potrillo above SR-4	E267		X		
Fence	Fence below Meenie	E267.5	X		K	X
Ancho	Ancho north fork below SR-4	E274	X	X	K, AA	X
Ancho	Ancho below SR-4	E275		X		
Chaquehui	Chaquehui at TA-33	E338	X	X	K	
Chaquehui	Chaquehui tributary at TA-33	E340	X	X	K	

FFCA = Federal Facility Compliance FFCA
MDA = Material Disposal Area
MSGP = Multi-Sector General Permit
SR = State Route
TA = Technical Area

1. MSGP stations are operated solely or in part to collect analytical monitoring data that are reported to the EPA on Discharge Monitoring Reports pursuant to the requirements of the General Permit.
2. FFCA stations are those stations listed in Table 1 of the FFCA. Stations E099 and E110 have been added as a result of discussions with NMED and San Ildefonso Pueblo personnel. The FFCA stations are operated solely or in part to collect analytical monitoring data for the suites listed in Table 1 of the FFCA.
3. MSGP industrial activity sectors present at LANL are the following.

   Sector D Asphalt Paving and Roofing Materials
   Sector F Primary Metals (Nonferrous Metals)
   Sector K Hazardous Waste Treatment, Storage, or Disposal Facilities (including Solid Waste Management Units)
   Sector L Landfills and Land Application Sites
   Sector N Scrap Recycling Facilities
   Sector O Steam Electric Generating Facilities
   Sector P Land Transportation
   Sector AA Fabricated Metal Products
4. A Conventional Industrial Site is defined as a site with an industrial activity defined in 40 CFR 122.26 (b) (14) that is not exclusively designated as a Solid Water Management Unit (SWMU) as defined by the EPA Region 6 office.

Figure 1. FFCA Watershed Gage Stations at Los Alamos National Laboratory



- Some of the MSGP stations monitor a Conventional Industrial Site as indicated in Table 1. A Conventional Industrial Site is defined as a site with an industrial activity defined in 40 CFR 122.26 (b) (14) that is not exclusively designated as a Solid Water Management Unit (SWMU) as defined by the EPA Region 6 office. The Conventional Industrial Sites located at the Laboratory are listed in Table 2.

- FFCA stations are those stations listed in Table 1 of the FFCA. Stations E099 and E110 have been added to the FFCA station list as a result of discussions with NMED and San Ildefonso Pueblo personnel. The FFCA stations are operated solely or in part to collect and report analytical monitoring data for the suites listed in Table 1 of the FFCA.

Sample Type and Methodology

The FFCA requirements are based on analytical monitoring requirements in the General Permit which allows a grab sample, defined as a discrete, individual sample taken within a short period of time, usually less than 15 minutes. The General Permit states that the grab samples shall be collected within the first 30 minutes of flow from the discharge resulting from a storm event that is greater than 0.1 inches in magnitude and that occurs at 72 hours from the previously measurable (i.e., greater than 0.1 inch rainfall) storm event. The 72-hour storm interval is waived when the preceding measurable storm did not yield a measurable discharge, or if the facility can document that less than a 72-hour interval is representative for local storm events during the sampling period (65 FR 64746, Section 5.2.2).

Automated ISCO samplers will collect storm water runoff grab samples. The ISCO sampler sequentially fills 1-L polyethylene and glass bottles that are subsequently preserved and submitted for analysis without compositing and/or splitting of the sample. Sampling methodology is discussed in more detail in Section 3.

In previous monitoring periods, the Laboratory has collected time-weighted composite samples so that analytical monitoring data collected under this monitoring plan may not be comparable with results reported by the Laboratory's Environmental Surveillance Program in previous years. However, the results are expected to be comparable with monitoring data gathered by the NMED DOE Oversight Bureau.

Storm Event Data

Storm water monitoring data will include

- date of the storm event during which samples are collected;
- approximate discharge volume of storm water runoff at the gage station; and
- precipitation measurements from existing regional rain gages or supplemental rain gages.

Table 2. Conventional Industrial Sites at LANL

Description	Technical Area(s)	Industrial Sector		Storm Water Monitoring Stations		Co-located SWMUs?
DX Active Firing Sites	TAs-14, -36, and -39	K	Hazardous Waste TSD Facilities	E262 E267.5 E274	Canon de Valle above Water Fence below Meenie Ancho north fork below SR-4	Yes
DX Burn Grounds	TA-16	K	Hazardous Waste TSD Facilities	E256 E257	Canon de Valle below MDA P Canon de Valle tributary at Burn Grounds	Yes
DX Metal Shops	TAs-15 and 39	AA	Fabricated Metal Products	E262 E274	Canon de Valle above Water Ancho north fork below SR-4	Yes
ESA Metal Shops	TA-3-38 TA-3-39	AA	Fabricated Metal Products	E121 E243.5	Sandia right fork at Power Plant Twomile tributary at TA-3	Yes
FWO Machine and Fabrication Facility	TA-50	AA	Fabricated Metal Products	E201.1 E201.3	Ten Site at TA-50 Ten Site below MDA C	Yes
Materials Recycling Facility (MRF)	TA-60	N	Scrap Recycling Facilities	E122.35	Sandia Tributary behind MRF	No
Main Power Plant	TA-3-22	O	Steam Electric Generating Plants	E121	Sandia right fork at Power Plant	Yes
Motorpool Facility	TA-60	P	Land Transportation	None	(visual monitoring only)	Yes
Plutonium Facility	TA-55	K	Hazardous Waste TSD Facilities	E196	TA-55 NW above Effluent Canyon	Yes
Radioactive Liquid Waste Treatment Facility	TA-50	K	Hazardous Waste TSD Facilities	E201.1 E201.3	Ten Site at TA-50 Ten Site below MDA C	Yes
Radioassay and Non-Destructive Testing (RANT) Facility	TA-54 West	K	Hazardous Waste TSD Facilities	E220	TA-54 RANT	Yes
Sigma Complex Metal Shop	TA-3-66	F	Primary Metals (Nonferrous Metals)	E122.3	Sandia Tributary below Sigma	Yes
Sigma Mesa Asphalt Batch Plant	TA-3-73	D	Asphalt Paving and Roofing Materials	E122.2	Sandia Tributary from Roads and Grounds	Yes
Sigma Mesa Metal Fabrication Shop	TA-3	AA	Fabricated Metal Products	E122	Sandia left fork at Asphalt Plant	Yes

Table 2. Conventional Industrial Sites at LANL

Description	Technical Area(s)	Industrial Sector	Storm Water Monitoring Stations	Co-located SWMUs?
Waste Characterization, Reduction, and Repackaging Facility	TA-50	K Hazardous Waste TSD Facilities	E201.1 Ten Site at TA-50 E201.3 Ten Site below MDA C	Yes
Waste Management Facilities - MDA G	TA-54	K Hazardous Waste TSD Facilities L Landfills and Land Application Sites	E227 MDA G-13 E248 MDA-G-2 E248.5 MDA G-6U E249 MDA G-4 E249.5 MDA G-7	Yes
Waste Management Facilities - MDA H	TA-54	L Landfills and Land Application Sites	None (no exposure certification)	Yes
Waste Management Facilities - MDA J	TA-54	L Landfills and Land Application Sites	E220.5 Area J West E220.7 Area J East	Yes
Waste Management Facilities - MDA L	TA-54	K Hazardous Waste TSD Facilities	E223 MDA L	Yes

DX = Dynamic Experimentation
ESA = Engineering Sciences and Applications
FWO = Facility and Waste Operations
MDA = Material Disposal Area
MRF = Materials Recycling Facility
RANT = Radioassay and Non-destructive Testing [Facility]
SWMU = Solid Waste Management Unit
TA = Technical Area
TSD = Treatment, Storage, or Disposal

2.3.2 Analytical Suites and Methods

Analytical suites are assigned to each monitoring station based on the sampling regime(s) that the station operates under.

- Monitoring stations operated solely or in part for the MSGP are assigned the sector-specific benchmark suites. For some Conventional Industrial Site monitoring stations, SWMUs are co-located within the same drainage areas as indicated in Table 2; for these stations the Sector K benchmarks are added to the analytical suite.

- Monitoring stations operated solely or in part for the FFCA are assigned the station-specific suites listed in Table 1 of the FFCA. Additional suites may be added in annual updates to this plan based discussions with EPA and NMED personnel. The FFCA suites include any combination of dioxins/furans, high explosives (HE), metals (dissolved and total recoverable), perchlorate anion, polychlorinated biphenyl compounds (PCBs), and radionuclides.

- An individual monitoring station may have any combination of MSGP and FFCA suites assigned based on whether the FFCA monitoring year overlaps the MSGP monitoring year, and on the sampling regimes assigned to that station as indicated in Table 1.

- All storm water runoff samples will be analyzed for suspended sediment concentration (SSC) to improve understanding of mobilization of contaminants in sediments.

The analytical suites assigned to a monitoring station may also change with each annual monitoring period. Appendix B presents the detailed storm water sampling plan for the 2005 monitoring year, in which analytical monitoring for the General Permit is not required.

The chemical analytical methods used are those set forth in 40 CFR Part 136 or the New Mexico WQCC regulations (NMAC 20.6.4.13). Alternative analytical methods will be used only if approved by the EPA prior to use, and the use of alternative methods will be described in this Plan.

2.3.3 Derivation of wSALs

The storm water screening action levels (wSALs) for each pollutant are determined in stepwise fashion by evaluating, in the following order, the applicable New Mexico Water Quality Control Commission (WQCC) water quality standards, the WQCC acute aquatic life standards, and the EPA MSGP parameter benchmark values. The wSALs are derived by following the decision logic outlined in Appendix C, Figure C-1, and documented in Table C-1. The derived wSALs are summarized in Table 3.

Table 3. Summary of LANL Storm Water Screening Action Levels

Pollutant	CAS Number	wSAL (µg/L)	wSAL Basis
Aluminum	7429-90-5	5,000	Livestock Watering standard for dissolved concentration.
Ammonia (as N)	7664-41-7	19,000	Acute Aquatic Life standard for ammonia concentration in an unfiltered sample.
Antimony	7440-36-0	4,300	Persistent Human Health standard for dissolved concentration.
Arsenic	7440-38-2	24.2	Persistent Human Health standard for dissolved concentration.
Barium	7440-39-3	TBD	wSAL to be determined.

Table 3. Summary of LANL Storm Water Screening Action Levels

Pollutant	CAS Number	wSAL (µg/L)	wSAL Basis
Beryllium	7440-41-7	130	Acute Aquatic Life standard for dissolved concentration.
Boron	7440-42-8	5,000	Livestock Watering standard for dissolved concentration.
Cadmium	7440-43-9	55	Livestock Watering standard for dissolved concentration converted to total recoverable concentration using EPA chronic conversion factor.
Chemical oxygen demand	--	120,000	MSGP benchmark monitoring cutoff concentration for Sector K.
Chlorine residual	7782-50-5	11	Wildlife Habitat standard for residual chlorine in an unfiltered sample.
Chromium	18540-29-9	1,163	Livestock Watering standard for dissolved concentration converted to total recoverable concentration using EPA chronic conversion factor.
Cobalt	7440-48-4	1,000	Livestock Watering standard for dissolved concentration.
Copper	7440-50-8	521	Livestock Watering standard for dissolved concentration converted to total recoverable concentration using EPA chronic conversion factor.
Cyanide, total	57-12-5	63.6	MSGP benchmark monitoring cutoff concentration for Sector K.
Cyanide, weak acid dissociable	57-12-5	5.2	Wildlife Habitat standard for weak acid dissociable cyanide in an unfiltered sample.
Lead	7439-92-1	126	Livestock Watering standard for dissolved concentration converted to total recoverable concentration using EPA chronic conversion factor.
Magnesium	7439-95-4	63.6	MSGP benchmark monitoring cutoff concentration for Sector K.
Mercury, total	7439-97-6	0.77	Wildlife Habitat standard for mercury in an unfiltered sample.
Molybdenum	7439-98-7	TBD	wSAL to be determined.
Nickel	7440-02-0	4,614	Persistent Human Health standard for dissolved concentration converted to total recoverable concentration using EPA chronic conversion factor.
Perchlorate	7601-90-3	Report	Results for perchlorate anion will be reported only.

Table 3. Summary of LANL Storm Water Screening Action Levels

Pollutant	CAS Number	wSAL (µg/L)	wSAL Basis
Selenium	7782-49-2	5	Wildlife Habitat standard for total recoverable selenium.
Silver	7440-22-4	4.1	Acute Aquatic Life standard for dissolved concentration converted to total concentration using EPA acute conversion factor.
Thallium	7440-28-0	6.3	Persistent Human Health standard for dissolved concentration.
Vanadium	7440-62-2	100	Livestock Watering standard for dissolved concentration.
Zinc	7440-66-6	25,355	Livestock Watering standard for dissolved concentration converted to total recoverable concentration using EPA chronic conversion factor.
Aldrin	309-00-2	0.0014	Persistent Human Health standard for concentration in an unfiltered sample.
Benzo(a)pyrene	50-32-8	0.49	Persistent Human Health standard for concentration in an unfiltered sample.
Gamma-BHC (Lindane)	58-89-9	0.95	Acute Aquatic Life standard for concentration in an unfiltered sample.
Chlordane	57-74-9	0.022	Persistent Human Health standard for concentration in an unfiltered sample.
4,4'-DDT and derivatives	50-29-3	0.001	Wildlife Habitat standard for concentration in an unfiltered sample.
Dieldrin	60-57-1	0.0014	Persistent Human Health standard for concentration in an unfiltered sample.
2,3,7,8-TCDD Dioxin	1746-01-6	1.40E-07	Persistent Human Health standard for concentration in an unfiltered sample.
alpha-Endosulfan	959-98-8	0.22	Acute Aquatic Life standard for concentration in an unfiltered sample.
beta-Endosulfan	33213-65-9	0.22	Acute Aquatic Life standard for concentration in an unfiltered sample.
Endrin	72-20-8	0.086	Acute Aquatic Life standard for concentration in an unfiltered sample.
Heptachlor	76-44-8	0.52	Acute Aquatic Life standard for concentration in an unfiltered sample.
Heptachlor epoxide	1024-57-3	0.52	Acute Aquatic Life standard for concentration in an unfiltered sample.
Hexachlorobenzene	118-74-1	0.0077	Persistent Human Health standard for concentration in an unfiltered sample.

Table 3. Summary of LANL Storm Water Screening Action Levels

Pollutant	CAS Number	wSAL (µg/L)	wSAL Basis
PCBs	1336-36-3	0.0017	Persistent Human Health standard for concentration in an unfiltered sample.
Pentachlorophenol	87-86-5	19	Acute Aquatic Life standard for concentration in an unfiltered sample.
RDX	121-82-4	200	Effluent limitation set forth in NPDES Permit No. NM0028355.
Tetrachloroethylene	127-18-4	88.5	Persistent Human Health standard for concentration in an unfiltered sample.
Toxaphene	8001-35-2	0.73	Acute Aquatic Life standard for concentration in an unfiltered sample.
2,4,6-Trinitrotoluene	118-96-7	20	Effluent limitation set forth in NPDES Permit No. NM0028355.
Ra-226 + Ra-228	--	30 pCi/L	Livestock Watering standard for concentration in an unfiltered sample.
Tritium	10028-17-8	20,000 pCi/L	Livestock Watering standard for concentration in an unfiltered sample.
Total gross alpha	--	15 pCi/L	Livestock Watering standard for concentration in an unfiltered sample.

This table will be modified to reflect applicable changes to State of New Mexico water quality standards. Storm water monitoring plans will also be modified accordingly.

CAS = Chemical Abstracts Service
µg/L = micrograms per liter
PCBs = polychlorinated biphenyl [compounds]
pCi/L = picocuries per liter
Ra = radium
RDX = royal demolition explosive
TBD = to be determined
wSAL = storm water screening action level

The wSAL derivation process is summarized as follows.

Step 1: Evaluate applicable water quality standards.

The wSAL for a pollutant is designated as the lowest value of the applicable WQCC water quality standards established in *State of New Mexico Standards for Interstate and Intrastate Surface Waters* (NMAC 20.6.4) (New Mexico 2002), if one exists.

- The WQCC water quality standards applicable to storm water runoff at the Laboratory are those for Livestock Watering and Wildlife Habitat (NMAC 20.4.6.10 [A]), and the Human Health standards for persistent toxic pollutants (NMAC 20.4.6.10[G]). The applicable numeric criteria are listed in NMAC 20.6.4.900 (M) and are reproduced in Table C-1 of Appendix C.

- If there is one or more applicable standard for the total recoverable (TR) pollutant concentration, the lowest TR numeric criterion is selected as the wSAL.

- If the pollutant is a metal and there is one or more applicable standard for the dissolved concentration, the dissolved standard is converted to the TR value using the EPA chronic conversion factors for dissolved metals taken from Appendix A to *National Recommended Water Quality Criteria: 2002* (EPA 2002a). The limiting calculated TR value is selected as the wSAL.

Step 2: Evaluate Acute Aquatic Life standards.

If there is no applicable water quality standard for the pollutant (i.e., Livestock Watering, Wildlife Habitat, or Human Health Persistent), the WQCC acute standards for Aquatic Life are evaluated. The Acute Aquatic Life standards are established in NMAC 20.6.4.900 (J) and (M) and are reproduced in Table C-1 of Appendix C.

- If there is an Acute Aquatic Life standard for the TR pollutant concentration, the numeric criterion is selected as the wSAL.

- If there is an Acute Aquatic Life standard for the dissolved pollutant concentration, the dissolved standard is converted to the TR value using the EPA acute conversion factors for dissolved metals (EPA 2002a). The calculated TR value is selected as the wSAL.

Step 3: Evaluate MSGP Sector K Benchmark values.

If there is no applicable water quality standard (i.e., Livestock Watering, Wildlife Habitat, or Human Health Persistent) or Acute Aquatic Life standard for the pollutant, the EPA MSGP benchmark monitoring cutoff concentrations that are applicable to Sector K – Hazardous Waste Treatment, Storage or Disposal Facilities - are evaluated. The MSGP parameter benchmark values are established at 65 FR 64767 and the Sector K benchmarks are reproduced in Table C-1 of Appendix C. (Note: The MSGP benchmark values are based on total recoverable concentrations.)

- If there is an applicable MSGP benchmark for the pollutant, the benchmark monitoring cutoff concentration is selected as the wSAL.

Step 4: Develop criterion for wSAL using established protocols.

If there is no applicable water quality standard (i.e., Livestock Watering, Wildlife Habitat, or Human Health Persistent), Acute Aquatic Life standard, or applicable EPA MSGP benchmark for the pollutant, and if the pollutant is detected in storm water runoff, the criterion for a wSAL may be developed using protocols described at NMAC 20.6.4.12 (F)(2) and in *National Recommended Water Quality Criteria: 2002* (EPA 2002a).

- Alternatively, protocols used by the EPA to develop NPDES effluent limitations and benchmark values may be applied.

- Where no appropriate criterion or protocol is available, an acceptable wSAL may be developed in consultation with the NMED and EPA Region 6.

2.4 Boundaries

Spatial Boundaries

Sampling stations are established at designated locations in drainages both within the Laboratory boundary and on non-DOE property formerly used for Laboratory activities, primarily at the confluences of major drainages and at Laboratory boundaries. Several gage stations are also sited at off-site locations to monitor storm water runoff leaving the Laboratory's eastern boundary, or to provide baseline information about locations that are known to be unaffected by Laboratory operations. The off-site monitoring stations are listed in Table 4.

Table 4. LANL Monitoring Stations Located on Non-Laboratory Property

Land Ownership	Monitoring Station	
Los Alamos County	E055	Pueblo above Acid Canyon
	E055.5	South Fork of Acid Canyon
	E056	Acid Canyon above Pueblo
	E060	Pueblo above SR 502
Santa Fe National Forest	E090	Rendija Canyon above Guaje
	E252	Water Canyon above SR 501
San Ildefonso Pueblo	E099	Guaje Canyon at SR 502
	E110	Los Alamos above Rio Grande

The monitoring station locations represent those identified in Table 1 of the FFCA and the stations covered by the General Permit. Appendix A provides a detailed map showing the monitoring station locations. Section 3 provides additional detail about the stations to be sampled and the suites of analytes to be collected at each station.

Temporal Boundaries

The compliance schedule established by the FFCA requires that the monitoring stations be operated to collect four storm water runoff samples per monitoring year when precipitation causes sufficient flow so that samples can be collected. Under the FFCA, the watershed annual monitoring period is the calendar year, designated as Jan. 1 – Dec. 31, with quarterly evaluation periods designated as Jan. 1 – March 31; April 1 – June 30; July 1 – Sept. 30; and Oct. 1 – Dec. 31.

Under the General Permit, the annual monitoring period is designated as Oct. 1 – Sept. 30, with quarterly sampling and reporting periods designated as: Oct. 1 – Dec. 31; Jan. 1 – March 31; April 1 – June 30; and July 1 – Sept. 30. Analytical monitoring must be conducted on a quarterly basis in years two and four of the General Permit – 2002 and 2004, respectively. Analytical monitoring and reporting under the General Permit is not required in 2005.

The FFCA requires that four samples be collected each monitoring year, but not necessarily on a quarterly basis in order to accommodate the seasonality of the monsoon storm season in New Mexico. One of the four samples collected during 2005 may be collected during snowmelt runoff. Sampling frequency is discussed in more detail in Section 3.

2.5 Decision Rules

Analytical monitoring data will be made available to the Los Alamos Storm Water Assessment Team (SWAT) within 30 days that data become available in the Laboratory's Water Quality Database (WQDB). The SWAT consists of representatives from the DOE, UC, DOE Oversight Bureau, NMED Surface Water Quality Bureau, and NMED Hazardous Waste Bureau. The SWAT will review and evaluate the monitoring data and apply the decision rules outlined in the following sections, following the decision logic outlined in Figure 2.

2.5.1 Has Release and/or Transport of a Pollutant Occurred?

The decision of whether a release or transport of a pollutant from a Site has occurred (Decision 1 in Section 2.2) is made by comparing analytical monitoring data with wSALs listed in Table 3. For each analyte, and at each monitoring station, the analytical data collected since January 1, 2004, are evaluated over a three-month monitoring period.

- The number of single grab results collected during (i) the previous month and (ii) during the current three-month period – for both filtered (dissolved) and unfiltered (TR) samples – available for the analyte at each monitoring station is determined.

The following comparisons are performed and based on the outcome, either the corrective action process described in Section 5.2 will be initiated, or the monitoring station will be evaluated for continued monitoring following the process described in Section 5.3.

A. If only one unfiltered grab sample is collected in a three-month period and the analytical result is greater than the wSAL, Then DOE will identify the source and implement corrective actions.

B. If more than one, but less than four unfiltered grab samples are collected in a three month period, and the analytical results of any one sample exceeds the wSAL, the DOE will identify the source and implement corrective actions.

C. If four or more unfiltered samples are collected during a three-month period, and the analytical result of only one sample is greater than the wSAL, then DOE will, at a minimum, examine the Site, and make repairs if necessary. No additional corrective action is required at that time.

D. If corrective actions are required at any SWMU or AOC, then monitoring shall continue for a minimum of one additional year.

2.5.2 Corrective Action Process

If corrective action is warranted as the outcome of evaluating the decision rules for release and/or transport of a pollutant, the following process will be initiated within 30 days of receipt of the monitoring results. For the purposes of this Plan, corrective action may include: installation, re-examination, repair and/or modification of BMPs; or source identification to control or eliminate the source or migration of pollutants or contaminants.

1) Validate data based on analytical laboratory quality control measurements.

2) Identify potential source term(s) for the pollutant.

   - Available information for Sites upstream of the monitoring station is evaluated. Appendix D provides a listing of Sites located upstream of each monitoring station.

   - In addition to considering individual Laboratory Sites as potential source terms, the potential contribution from contaminated canyon sediment packages must also be evaluated using available information.

   - For canyons potentially impacted by non-Laboratory source terms (e.g., adjacent to Los Alamos County), evaluate potential non-Laboratory sources of the pollutant.

3) Determine if the presence of the pollutant is attributable in whole or part to Laboratory operations.

   - Information gathered regarding potential source terms, together with the relevant monitoring data, will be provided to the EPA, NMED, and the SWAT for review and comment. The SWAT will make recommendations to the EPA regarding pollutant sources using an established and published regulatory framework and after review of all relevant technical data.

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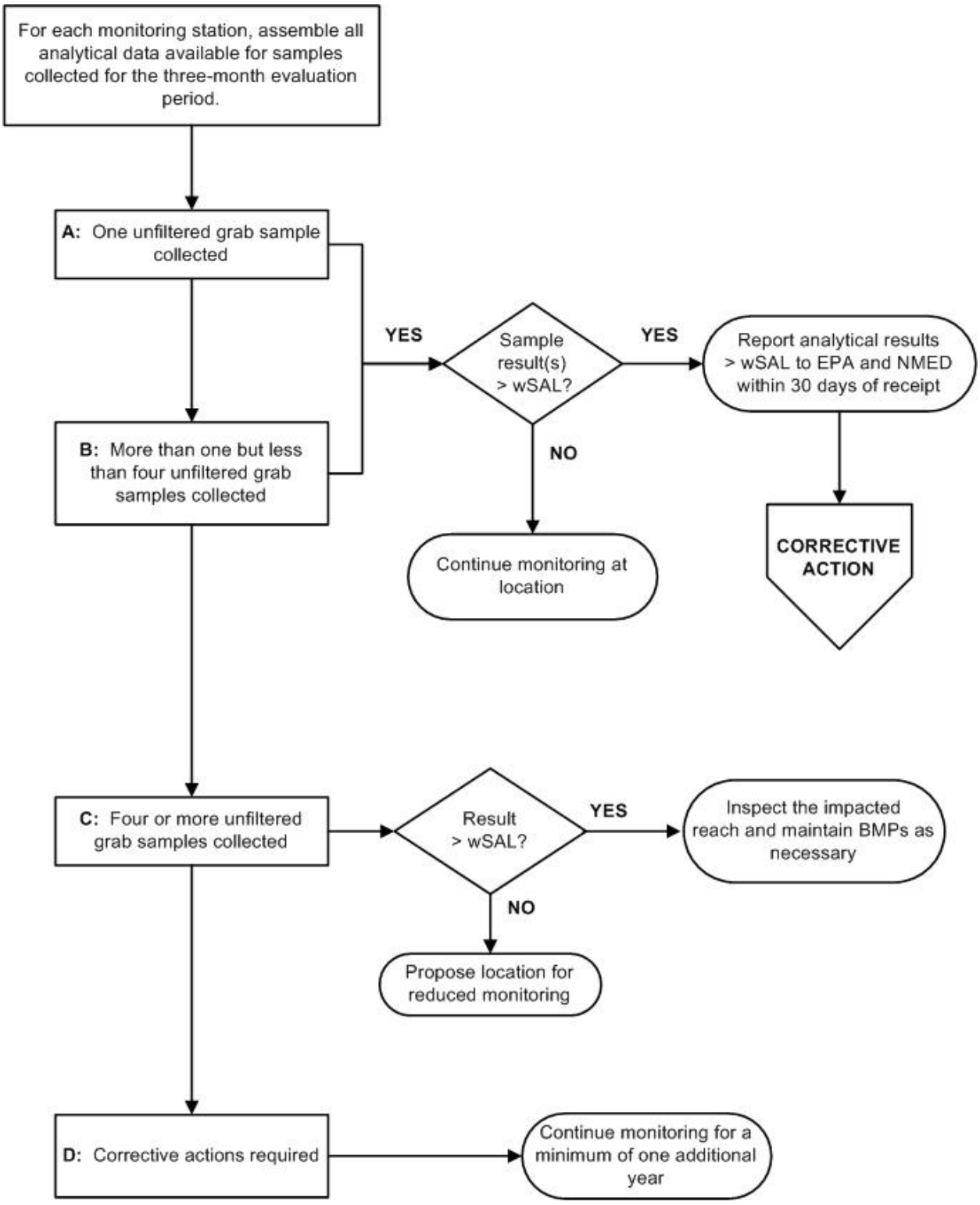
Figure 2. Decision Logic Flow Diagram for Watershed Monitoring



- The SWAT may use existing Laboratory data sets for naturally-occurring background levels of inorganic and/or fallout concentrations of radionuclide constituents in mesa-top soils (LANL 1998) and canyon sediments (LANL 2003a) to inform the decision. If the SWAT determines that additional background or baseline sampling is appropriate, a sampling plan will be developed and provided to the NMED.

- If it is determined that the presence of the pollutant is not attributable to Laboratory operations, the corrective action process may be re-evaluated.

4) Determine if the presence of the pollutant is attributable in whole or part to Laboratory operations.

   - Information gathered regarding potential source terms, together with the relevant monitoring data, will be provided to the EPA, NMED, and the SWAT for review and comment. The SWAT will make recommendations to the EPA regarding pollutant sources using an established and published regulatory framework and after review of all relevant technical data.

   - The SWAT may use existing Laboratory data sets for naturally-occurring background levels of inorganic and/or fallout concentrations of radionuclide constituents in mesa-top soils (LANL 1998) and canyon sediments (LANL 2003a) to inform the decision. If the SWAT determines that additional background or baseline sampling is appropriate, a sampling plan will be developed and provided to the NMED.

   - If it is determined that the presence of the pollutant is not attributable to Laboratory operations, the corrective action process may be exited and the monitoring station will be evaluated for continued monitoring following the process outlined in Section 2.5.3.

5) Evaluate the scope and priority for corrective action implementation.

   - Based on the results of the assessment of the cause of wSAL exceedances, the scope of corrective actions will be evaluated by the SWAT.

   - Corrective action conducted within the scope of this Plan is implemented as part of the CWA NPDES compliance program established by the FFCA. Actions implemented on a watershed scale may be conducted under the CWA using the Total Maximum Daily Load (TMDL) process, stabilization of contaminated sediment packages, and/or reexamination of existing BMPs. Actions implemented on a Site-specific basis may include reexamination of existing BMPs, installation of BMPs, and modification or repair of BMPs. BMPs include controls such as silt fences, rock check dams, or run-on diversion.

   - Section VII.A of the Order on Consent (New Mexico 2005) governs RCRA-related corrective actions including source term removal at Sites. The NMED may require corrective measures at any Site if the NMED determines, based on surface water monitoring data or other relevant information, that there has been a release of contaminants into the environment at or from the Site and that corrective action is necessary to protect human health or the environment from such a release.

   - The SWAT will prioritize locations for corrective action, taking into consideration the ratio of the measured pollutant concentrations to the wSALs; the number of pollutants observed; and the frequency with which wSALs are exceeded.

6) Prepare and implement corrective action plan.

- The impacted watershed reach, upstream Sites, and any in-situ BMPs will undergo evaluation by the SWAT. As deemed necessary, Sites may undergo re-evaluation according to Laboratory procedure for surface water site assessments (LANL 2004a).

- Clearly visible problems shall be documented and a corrective action plan developed to add or improve BMPs, including stabilization of contaminated sediment packages within the impacted canyon reach. Best professional judgment will be applied to develop technology-based BMPs on a case-by-case basis using all reasonably available and relevant data.

- BMP installation may follow a phased approach combined with continued monitoring to assess effectiveness. Each successive monitoring result that is greater than wSAL shall require additional corrective actions.

- If no problems are evident based on a visual inspection, then a focused investigation of additional sampling, including background sampling where appropriate, may be conducted. In the interim, enhanced run-on controls (e.g., re-grading to divert surface flow elsewhere, or detention basin installation) will be implemented, as the SWAT deems appropriate.

7) Monitor corrective action performance.

   - After corrective action has been implemented, the Laboratory will continue to collect monitoring data at the impacted location for a minimum of one additional year.

   - When the monitoring results indicate that the corrective action has successfully mitigated pollutant release and/or transport, the Laboratory will recommend that the monitoring station will be evaluated for continued monitoring following the process outlined in Section 2.5.3.

   - The SWAT will employ best professional judgment to determine continuing Laboratory impacts by developing technology-based NPDES permit conditions on a case-by-case basis using all reasonably available and relevant data.

2.5.3 Evaluate Reduced Monitoring Requirements

The FFCA stipulates that after four samples are collected at a particular monitoring station, the data shall be evaluated and changes to this Plan proposed, as appropriate, to the EPA for approval in the annual update submitted by March 31st following the monitoring period.

- If four samples have been collected at an FFCA monitoring station and the measured analytical results are less than wSAL, then the Laboratory will recommend that the analytical monitoring requirements of the FFCA be reduced or discontinued.

- If the monitoring station is also collecting data for the General Permit, the Laboratory will continue to monitor for only the appropriate sector parameters until the General Permit is modified or superseded. The MSGP monitoring will continue regardless of whether an analytical result is greater or less than a Benchmark value.

- If flow is observed at a monitoring station during one year and no sample is collected, the sample trip settings and/or the sample suction line height above the streambed shall be re-evaluated and adjusted, if possible, to collect water.

- If no flow is observed at a station for eight consecutive quarters, and the lack of documented flow is not due to a mechanical error or lack of local precipitation, then the Laboratory may recommend that the sampling frequency be reduced.

Additionally, when the monitoring results indicate that a corrective action has successfully mitigated pollutant release and/or transport, the Laboratory will recommend that the analytical monitoring requirements of the FFCA be reduced or discontinued. The change in monitoring requirements will be proposed to the EPA for approval in the annual update to this Plan submitted by March 31st following the monitoring period.

2.5.4 FFCA Watershed Monitoring Status

2004 Monitoring Year

Attachment 1 of this SWMP document provides the results of analytical monitoring for the 2004 monitoring year.

- Storm water runoff samples were collected and analyzed at 43 of the 60 FFCA gage stations.
- Flow was not observed at 17 of the 60 FFCA gage stations.
- At the locations where flow was observed, less than 4 samples were collected and analyzed at 34 of the 60 FFCA gage stations.
- Four complete storm water runoff samples were collected at 9 of the 60 FFCA gage stations.

A summary of results greater than the wSAL value observed in the 2004 monitoring year samples is also presented in Attachment 1. The following constituents were measured at concentrations greater than wSAL in unfiltered storm water runoff samples.

- PCBs: Aroclor-1254 and Aroclor-1260
- Metals: aluminum, arsenic, lead, magnesium, mercury, selenium, silver, thallium, and vanadium
- Sector K benchmark pollutant: chemical oxygen demand (COD)
- Gross alpha radiation

Based on evaluation of the watershed storm water data set, the Laboratory proposes that the observed concentrations of aluminum, magnesium, and COD are not due to Laboratory activities; rather, the naturally-occurring concentrations of aluminum, magnesium, and COD in sediment-laden storm water runoff are greater than the wSAL.

- The aluminum concentration was greater than the wSAL value of 5,000 µg/L in 91 out of 112 samples (82%).
- The magnesium concentration was greater than the wSAL value of 63.6 µg/L in 114 out of 119 samples (96%).
- The measured COD was greater than the wSAL value of 120,000 µg/L in 46 out of 77 samples (60%).
- The Laboratory also proposes that the measured gross alpha radioactivity in a portion of the samples arises solely from naturally-occurring sources. The gross alpha radioactivity was greater than the wSAL value of 15 pCi/L in 51 out of 75 samples (68%).

In the tables summarizing the storm water runoff results presented in Attachment 1, aluminum, magnesium, and COD are denoted as “potential non-Laboratory pollutants”, pending further evaluation by the SWAT, including comparison of the measured concentrations in unfiltered storm water runoff samples

with available background data. Similarly, the gross alpha results are summarized in a separate table, pending further evaluation by the SWAT.

Attachment 2 of this SWMP document provides the status of FFCA monitoring and corrective action based on the results of the 2004 monitoring year.

- No detections of Aroclors were observed at five gage stations where four samples were collected and analyzed for PCBs. The Laboratory proposes to discontinue monitoring for PCBs at these five gage stations: E038, E039, E040, E055, and E122.

- Four complete samples were collected at E122 (Sandia left fork at Asphalt Plant) with no observance of Laboratory-derived pollutants at concentrations greater than wSAL. The Laboratory proposes relocating this gage station.

- Four complete samples were collected E039 (DP below Meadow at TA-21) with no observance of Laboratory-derived pollutants at concentrations greater than wSAL. However, the Laboratory proposes continued monitoring at this gage station until Site-specific monitoring has been initiated at the upstream Sites.

2.6 Limits on Decision Errors

The decision rules to determine whether a release and/or transport of a pollutant occurred are based on comparison of analytical results with wSAL values, as outlined in Section 2.5. As a result of uncertainty in the measurement data, two types of potential decision errors may occur: the false acceptance decision, and the false rejection decision.

<u>False Acceptance Decision</u>

- Incorrectly determine that the pollutant concentration in two or more storm water runoff samples is greater than the wSAL and is due to Laboratory activities, when the pollutant concentration is actually less than the wSAL.

- Consequences of the false acceptance decision include the expense of unnecessary further study and potential mitigation actions, possible state or federal enforcement, and unnecessary concern to the Laboratory's neighbors and stakeholders.

<u>False Rejection Decision</u>

- Incorrectly determine that the pollutant concentration in two or more storm water runoff samples is less than the wSAL and/or is not due to Laboratory activities, when the pollutant concentration is actually greater than the wSAL and/or the pollutant is due to Laboratory activities.

- Consequences of the false rejection decision include a continuing unresolved potential threat to human health or the environment.

Uncertainty in the measurement data will not affect decisions if the reported pollutant concentration is well below or well above the wSAL level. When the measured concentration is close to the wSAL, the uncertainties become more important and may affect the decision.

- Uncertainty may be controlled by collecting an adequate number of samples to support the decision. For the purposes of this Plan, a minimum of four samples must be collected at each monitoring station where flow is observed before evaluating the requirements for continued monitoring.

- Uncertainty may be further controlled by adhering to the quality assurance and quality control requirements set forth in this Plan and Laboratory quality management documents, as described in Section 4.0.

2.7 Design Optimization

After each monitoring year, the Laboratory will evaluate the available storm water monitoring data for each monitoring location, re-assess the outputs of the DQO process, and determine if a more resource-effective sampling design could provide data that meets all the DQOs as well as the requirements of the FFCA and compliance schedule.

3.0 STORM WATER SAMPLING PLAN

The storm water sampling plan presented in this section has been developed to meet the DQOs developed in Section 2. The Laboratory's Water Quality and Hydrology Group in the Environmental Stewardship Division (ENV-WQH) is responsible for implementation of the sampling plan.

3.1 Sample Collection and Retrieval

The operation, maintenance, monitoring, and sample collection from the automated gage stations is described in WQH-SOP-009, *Operation of Stream Gage Stations and Collection of Storm Water Runoff Samples*. The gage stations are generally equipped with a data logger; stage sensor; ISCO automated sampler; sampler intake; Teflon tubing; a solar-charged power source; and communication equipment. When the stage sensor detects a pre-programmed stage level of flow, the ISCO sampler completes a sequence of a rinse and flush before and after every sample collected to prevent cross contamination of samples. The data logger activates the cell phone or radio to pre-programmed numbers for notification that the station has a water sample that needs collection. The data logger also activates the ISCO sampler to start collecting water.

The automated ISCO samplers are programmed to collect storm water runoff grab samples, where a grab sample is defined as a discrete, individual sample taken within a short period of time, usually less than 15 minutes. The sampler carousels are loaded with 1-L polyethylene and glass bottles that are sequentially filled and subsequently preserved and submitted for analysis without compositing and/or splitting of the sample. The ISCO samplers are programmed to pump continuously until all the sample bottles are filled in order to collect a grab sample within the first 30 minutes of the flow event. The date and time (Mountain Standard Time) that each bottle was filled is also recorded electronically.

Two ISCO samplers are installed at the locations that require monitoring for organic suites (HE, Dioxins/Furans, and/or PCBs). One sampler is equipped with 1-L polyethylene bottles; the second sampler is equipped with 1-L glass jars. At those locations where only one ISCO sampler is installed, an additional 1-L glass bottle or two 350-ml glass bottles are added to the carousel to collect samples for mercury and tritium.

Field measurements taken at the time of sample retrieval shall include pH and temperature if water is flowing at the station. If water is flowing at the station at the time of sample retrieval, the flow rate shall be measured using either the current meter or the modified Parshall Flume. If water is not flowing, appropriate survey measurements are recorded to allow for a later calculation of flow. The sample retrieval team records the following field observations on the WQH surface water sampling field sheet.

- station name and number
- sample retrieval team personnel
- date and mean time of sample retrieval
- visual observations of sample (odor, clarity, color, foam, solids, oil sheen)
- date and time each bottle was filled by the automated sampler

The storm water runoff samples are processed according to WQH-SOP-010, *Processing Storm Water Runoff Samples*. The sample bottles are labeled with the sample location, bottle number, and storm water event number, transported from the field to the ENV-WQH storm water laboratory and stored in the field sample-receiving refrigerator. The appropriate preservatives are added to individual sample bottles, which are then affixed with a unique sample identification label and chain of custody tape on the sample lid. Sample aliquots are filtered as required prior to preservation for analysis of dissolved metals.

3.2 Sampling Frequency

The automated monitoring stations will be operated to collect four complete samples each monitoring year following precipitation events that produce a discharge in volumes large enough to allow for sample

collection. Runoff flows to be sampled under this Plan include both runoff from snowmelt and rainfall, with the following conditions.

- No more than one snowmelt runoff sample shall be collected per year.
- If one snowmelt runoff sample is collected in a given monitoring year, three storm water runoff samples shall be collected as flow permits.
- If no snowmelt runoff sample is collected in a given monitoring year, four storm water runoff samples shall be collected as flow permits.
- There is no requirement that the four annual samples be collected during any particular quarter of the monitoring year.
- Samples shall be collected from separate precipitation runoff events; however, there is no minimum elapsed time required between sampled events for the purposes of the FFCA.

Freezing temperatures during the winter months in northern New Mexico make it infeasible to operate the automated samplers. It is also very unusual to have rainfall events that result in sufficient runoff to collect samples during the winter months. For these reasons, the automated samplers shall be turned off from December 1, 2004 through March 1, 2005.

3.3 Sample Analysis

Storm water runoff samples collected at specific monitoring stations will be analyzed for the analytical suites indicated in Appendix B. Detailed analytical requirements for each of the suites – including detection limits, sample volumes, preservation, and hold times – are provided in Appendix E.

All sample bottles will be submitted for analysis without filtering (i.e., unfiltered) with the exception of the sample aliquot required for dissolved metals analysis. Three to five hundred milliliters from the 1-L PE container collected for metals shall be filtered into a separate, clean bottle; acid-preserved; and submitted for dissolved metals analysis. Filtration and preservation will be accomplished as soon as practical to meet 40 CFR 136 requirements. The filtration operation shall be performed as follows:

- shake the bottle well;
- pour off the approximate amount to be filtered into a second clean bottle;
- filter from the second bottle into a third clean bottle;
- preserve and submit the third bottle with the filtered water in it;
- discard whatever is left behind in the second bottle after filtering.

This filtration procedure prevents leaving an excessive amount of sediments in the unfiltered sample.

For the determination of total recoverable metals (which are equivalent to ‘total metals’) the sample is not filtered before processing. A digestion procedure is required to solubilize analytes in suspended material and to break down organic-metal complexes. The approved total recoverable digestion is described in EPA Method 200.2 (EPA 1994a). For the determination of total recoverable elements in aqueous samples, the samples must be acid preserved prior to aliquoting at the analytical laboratory for sample processing and analysis.

A subcontractor analytical laboratory will perform all sample analyses pursuant to the most recent version of the DOE *Model Statement of Work for Analytical Laboratories* (DOE 2004) prepared for the National Nuclear Security Agency (NNSA) Service Center located in Albuquerque, New Mexico. The analytical statement of work specifies analytical and quality control requirements for the requested analytical methods that are consistent with the promulgated procedures.

The chemical analytical methods used are those set forth in 40 CFR Part 136 or the New Mexico WQCC regulations (NMAC 20.6.4.13), with the following exceptions.

- Seven metals on the target analyte list will be analyzed using inductively coupled plasma mass spectrometry (ICPMS) according to EPA Method 200.8 (EPA 1994a). The Laboratory has received interim approval from EPA Region 6 Office to use Method 200.8 as an alternate test procedure for use in wastewater compliance monitoring in December 1999 (EPA 1999c).

- Perchlorate anion will be analyzed by two methods: ion chromatography, using EPA Method 314.0 (EPA 1999b); and liquid chromatography thermospray mass spectrometry (LC/TS-MS) using SW-846 Method 8321A (EPA 1998). The EPA has not approved the LC/TS-MS method for perchlorate analysis; however, the method provides a lower detection limit than the EPA-approved ion chromatography method. There is no approved method for perchlorate listed in 40 CFR Part 136.

- High explosives (HE) compounds will be analyzed by high performance liquid chromatography using SW-846 Method 8330 (EPA 1998). There is no approved method for HE compounds listed in 40 CFR Part 136.

- Radionuclides will be analyzed using subcontractor laboratory procedures that are based on the EPA 900-series methods (EPA 1980), the DOE Environmental Measurement Laboratory HASL-300 methods (DOE 1997), and/or other industry-accepted methodologies.

3.4 Sample Priorities and Volumes

The sample volume and container requirements for the requested analytical suites are listed in order of priority in Table 5. The priorities in Table 5 have been established for the following reasons.

- As required, the high explosives (HE) suite is the first priority analysis for the glass bottles, followed by PCBs and dioxins/furans. HE is monitored at only 20 of the 74 stations; whereas PCBs are monitored at 40 stations.

- Perchlorate anion is the first priority analysis for the PE bottles because it was only recently identified as contaminant of concern, and therefore the Laboratory has conducted less sampling for perchlorate in surface water compared with other analytes.

- Suspended sediment concentration (SSC) is the second priority analysis for the PE bottles. Because many contaminants are strongly bound to sediment particles, the SSC measurement is critical to understanding the analytical results.

- The unfiltered and filtered metals, mercury, and the MSGP benchmark analytes are the next priority analyses to complete the analytical suites required by the FFCA and the General Permit.

- Radionuclides are the last priority analyses because the Laboratory is collecting and analyzing for these analytes voluntarily. The radionuclide suite also requires the most water of all the analytical suites.

For example, if all the suites are required at a particular location, the first 1-L glass bottles will be submitted for HE analysis, and the first 1-L PE bottle will be submitted for perchlorate analysis. The last four 1-L PE bottles will be submitted for radionuclides. An attempt is made to try to provide the analytical laboratory with extra water to allow for errors and spills. The ISCO sampler carousels are loaded with extra bottles to provide extra water to the analytical laboratory for reserve in case problems are encountered in the analysis. These extra sample bottles are submitted unpreserved so the sample can be used for any required analyses. If all the required suites are not collected during a runoff event, the missing suites will be the first priority for the next runoff event at that station.

The required sample volumes listed in Table 5 are the total required volumes for analysis, either not including volume required for laboratory QC samples ("without QC"), or including volume required for laboratory QC samples ("with QC"). Containers required for analysis without laboratory QC samples are identified first; then additional containers for analysis with laboratory QC samples are identified, as necessary, if there is sufficient sample volume. See the Section 4 for a more thorough discussion of the quality control sample requirements.

3.5 Splitting Samples with Other Entities

It is anticipated that other entities or organizations may desire to split samples or to collect samples at the Laboratory's gage stations. In the Laboratory's experience there is often too little water to complete the full analytical suite for each storm runoff event. If other entities desire split samples they will be expected to provide their own ISCO samplers. The Laboratory will assist the other entity in installing and operating their ISCO sample at the Laboratory's gage station.

Table 5. Required Volumes and Priorities for Analysis of Storm Water Runoff Samples

Priority for Analysis (1)		Analytical Suite (2)	Required Volume (ml) (3)		Container(s) (4)		Preservative
Glass	PE		Without QC	With QC	Without QC	With QC	
1		HE	1,540	2,240	1 x 1-L G (amber)	3 x 1-L G (amber)	Cool to 4 ºC
2		PCBs	1,000	3,000	1 x 1-L G (amber)	3 x 1-L G (amber)	Cool to 4 ºC
3		Dioxins/Furans	1,000	2,000	1 x 1-L G (amber)	2 x 1-L G (amber)	Cool to 4 ºC
	1	ClO_4	100	150	1 x 1-L PE	1 x 1-L PE	None
	2	SSC	300	300	1 x 1-L PE	1 x 1-L PE	Cool to 4 ºC
	3	Metals - TR	200	300	1 x 1-L PE	1 x 1-L PE	HNO_3 to pH < 2
	4	Metals – Dissolved	200	300	1 x 1-L PE	1 x 1-L PE	HNO_3 to pH < 2
4		Hg	100	150	1 x 1-L G (amber)	1 x 1-L G (amber)	HNO_3 to pH < 2
	5	CN	100	150	1 x 1-L PE	1 x 1-L PE	NaOH to pH > 12 Cool to 4 ºC
	6	COD; NH_3-N (5)	100	150	1 x 1-L PE	1 x 1-L PE	H_2SO_4 to pH < 2 Cool to 4 ºC
	7	Alkalinity	50	150	1 x 1-L PE	1 x 1-L PE	Cool to 4 ºC
	8	DOC	50	150	1 x 250-mL G (amber)	1 x 250-mL G (amber)	H_2SO_4 to pH < 2 Cool to 4 ºC
	9	Radionuclides	4,000	8,000	4 x 1-L PE	8 x 1-L PE	HNO_3 to pH < 2
5		Tritium	250	500	1 x 1-L G (amber)	1 x 1-L G (amber)	None

ClO_4 = perchlorate anion
CN = cyanide
COD = chemical oxygen demand
DOC = dissolved organic carbon
HE = high explosives
L = Liter
ml = milliliter
NH_3-N = ammonia [reported as nitrogen
PCBs = polychlorinated biphenyl [compounds]
QC = quality control
SSC = suspended sediment concentration
TR = total recoverable

1. When insufficient sample volume is collected to satisfy all the analytical requirements at a monitoring station, sample containers are submitted for analysis in the order indicated for the glass or polyethylene bottles that have been filled.
2. Additional detailed information about the analytical suites is given in Appendix G.
3. Total required volume for analysis, either not including volume required for laboratory QC samples (“without QC”), or including volume required for laboratory QC samples (“with QC”).
4. Containers required for analysis without laboratory QC samples are identified first; then additional containers for analysis with laboratory QC samples are identified, as necessary, if there is sufficient sample volume.
5. COD and NH_3-N may be co-containerized.

4.0 QUALITY ASSURANCE AND QUALITY CONTROL REQUIREMENTS

All work conducted under this Plan is performed under the quality program documented in WQH-QMP, *Water Quality and Hydrology Group Quality Management Plan*, and in accordance with Laboratory internal administrative controls such as quality procedures (QPs) and/or standard operating procedures (SOPs).

4.1 Chain of Custody

To provide legal and technical defensibility of the sample data, proper chain of custody in the collection, management, and processing of samples will be implemented according to WQH-QP-029, *Creating and Maintaining Chain of Custody*. Chain of custody must be documented for all samples to verify that the possession and handling of samples is traceable at all times. A sample is considered in custody if it meets one of the following criteria.

- In one's physical possession.
- In one's view after being in one's physical possession.
- In one's physical possession and then locked up so that no one can tamper with it.
- Kept in a secure area where access is restricted to authorized and accountable personnel only.

The chain of custody (COC) forms are generated and completed by sampling personnel for each sampling event at each monitoring station. Each filtered and unfiltered sample is assigned a unique sample identifier. The samples are prepared for transportation according to WQH-SOP-020, *Custody, Packaging, and Transportation of Samples*. All samples are relinquished to the ENV Sample Management Office (SMO), as evidenced on the COC form, and subsequently shipped to the analytical laboratory under chain of custody. The analytical laboratory returns the original COC form in the hard copy data package, or analytical report.

4.2 Field Quality Control Samples

Field quality control (QC) samples shall be collected at a 10% frequency in order to provide quality performance information for the sampling program. One in ten samples submitted for analysis will be one of three field QC sample types: field blank; field duplicate; and/or performance evaluation blank. Additionally, an equipment rinsate blank sample will be collected when the gage station tubing is replaced. Table 6 lists the quality performance goals that each of the four types of field QC sample types is intended to address. Under this Plan, the Laboratory will collect and submit field blank, field duplicate, or performance evaluation blank samples for each storm event on a rotating basis.

Table 6. Field Quality Control Sample Types

Quality Performance Goal	Equipment Rinsate Blank	Field Blank	Field Duplicate	Performance Evaluation Blank
Minimize false positive results	**X**	**X**		**X**
Sample bottles free of contamination	**X**	**X**		
No contamination introduced by sampling process	**X**	**X**		
No contamination introduced by tubing and sampler	**X**			
Measurement error attributable to sample inhomogeneity			**X**	

Equipment Rinsate Blank

The equipment rinsate blank (ERB) is a sample of analyte-free water that has been used to rinse the sampling equipment. The ERB is collected after completion of equipment decontamination and prior to sampling. Deionized water is taken to the sampling site and carried through the entire sampling process. For the purposes of this Plan, ERB samples will be collected by inserting the suction hose from the stream channel into a container of deionized water and pumping the deionized water into the sample bottles in the carousel. The sample will then undergo the same processing as a regular sample.

ERB samples should only be collected immediately after the tubing is replaced. If a station has previously collected storm runoff samples it is assumed that there would be residual sediments in the lines and around the suction tube that would contaminate the sample. When the tubing is replaced, ERB samples should be collected at a rate of one per every forty regular samples.

Field Blank

The field blank (FB) sample is prepared using deionized water that is taken to the sampling site and transferred to the appropriate ISCO sample bottle(s) at the same time and under the same conditions as the regular sample. The FB sample is exposed to the same environmental conditions and the same physical handling as the regular sample, and is processed and preserved like the regular sample. When possible, the FB sample will be collected in ISCO bottles that have been sitting empty in a sampler carousel for some time in order to evaluate the potential for dust contamination. The FB samples measure accidental or incidental sample contamination that might occur during the sampling process.

Field Duplicate

Field duplicate (FD) samples are independent samples that are collected as close as possible to the same point in space and time. The FD samples are comprised of two separate, paired samples taken from the same source, stored in separate containers, and analyzed independently. One of the sample pair is designated as the regular samples, and the other is designated as the FD sample. The FD sample provides a measure of sample heterogeneity and a measure of the reproducibility of the laboratory's measurement.

If the results between the regular and FD samples are significantly different, further analysis and often more samples are required to determine which effect has occurred. If it also happens that the FD sample is serendipitously collected where the matching sample produces an unusually high value, the FD result may provide a basis for suspecting that the high value is aberrant. In this case, the FD result may influence the Site decisions while more samples are collected and analyzed.

Performance Evaluation Blank

The performance evaluation blank (PEB) is a sample of deionized water sent to an analytical laboratory with the expectation that it will arrive uncontaminated. The PEB samples will be sent to the laboratory in new, clean bottles, not in cleaned ISCO bottles. The PEB sample is similar to the field trip blank sample used for volatile organic compounds, in that the PEB sample evaluates the analytical laboratory's frequency of false positive results. The PEB sample is also useful for identifying contamination that is introduced at the analytical laboratory. The results of many PEB sample analyses, taken together, can suggest a high or low bias in the analytical results.

4.3 Laboratory Quality Control Requirements

The required analytical laboratory QC procedures and acceptance criteria are found in the statement of work for analytical services (DOE 2004). Required QC activities are based on promulgated EPA methods and include initial and continuing calibrations, analysis of surrogate compounds, and analysis of method blank, matrix spike, duplicate, and laboratory control samples.

The analytical laboratory QC requirements include analysis of a duplicate or matrix spike and matrix spike duplicate for each of the analytical methods. These laboratory QC samples must be run for each analytical batch of samples, where a batch is comprised of a maximum of 20 samples. The Laboratory shall attempt to submit additional water for one sample in each batch to provide sufficient volume for the laboratory QC samples. There are two requirements for batching samples:

- the laboratory QC samples must be run at minimum for every 20 client samples; and
- if client samples are stored to accumulate a larger batch size, holding times must not be exceeded.

To simplify the batching process and associated batch QC requirements, the Laboratory will submit storm water runoff samples by storm runoff event. The Laboratory will collect samples when precipitation produces stream flow in volumes large enough to sample, and will not attempt to store or accumulate samples to achieve larger batch sizes. Samples will be shipped as they are collected by storm runoff event. A storm runoff event will comprise a batch unless there are more than 20 samples collected. If more than 20 samples are collected in a runoff event, they will be submitted as two or more batches each containing less than 20 samples. When sufficient sample volume has been collected for a storm runoff event, each batch will have one sample for each analytical method with sufficient volume for the analytical laboratory to run the required matrix spike and matrix spike duplicate, or the duplicate sample.

4.4 Data Verification and Validation

Data verification and validation procedures are used to determine whether data packages received from the analytical laboratory were generated according to contract specifications and contain the information necessary to determine if the data are sufficient for decision-making. The analytical data package is a hard copy document submitted by the analytical laboratory that reports the results of the requested analyses for the samples that were submitted. Documentation of the associated QC data for the analysis is also included. The analytical data package also contains the signed COC form, which is required to provide full traceability and legal defensibility of the analytical data.

The analytical results are also reported in the form of an electronic data deliverable (EDD). Data are uploaded from the EDD into the Laboratory's Oracle-based Water Quality Database (WQDB). Procedure WQH-QP-027, *Managing Electronic Data*, describes management of both the hardcopy package and the accompanying EDD. Ten percent of all data uploaded through electronic means into the WQDB will be completely verified to be accurate against the original paper copy provided by the analytical laboratory. Data that are uploaded through manual means will undergo 100% verification by someone other than the data entry person. The verification reviews will be documented and retained as a record.

Analytical data validation procedures are concerned with determining whether individual results should be qualified because of the potential impact of flaws in the data quality on the decision-making process. In the routine validation process, QC indicators (e.g., surrogate or spike analytes) are compared with clearly defined numerical limits to ascertain whether the data are technically valid. The ENV-WQH data validation process is in accordance with the DOE NNSA National Service Center *Model Data Validation Procedure*, Revision 3 (DOE 2003). The procedure is based on EPA national functional guidelines for organic (EPA 1999a, EPA 2002b)) and inorganic (EPA 2004) data review; the radionuclide data review follows American National Standards Institute guidance (ANSI 1997). A data validation report that includes information regarding the overall quality of the data and the resulting data qualifiers is completed for all analytical data packages.

Data qualifiers (letter codes attached to data results) are used in the data validation process to designate potential deficiencies associated with individual sample results. Each data qualifier is accompanied by a reason code that provides information about the deficiency that led to qualification of the data and its potential impact on the affected data, so that the data may be used appropriately. The data validation qualifier flags used for reporting the storm water data are defined in Table 7. Analytical results that have

been qualified as rejected ("R" flag) due to serious noncompliance with quality control acceptance criteria shall not be used for decision-making purposes.

Table 7. Definition of Data Validation Qualifier Flags

Qualifier Flag	Definition
J	The analyte is classified as "detected" but the reported concentration value is expected to be more uncertain than usual.
J+	The analyte is classified as "detected" but the reported concentration value is expected to be more uncertain than usual with a potential positive bias.
J-	The analyte is classified as "detected" but the reported concentration value is expected to be more uncertain than usual with a potential negative bias.
U	The analyte is classified as "not detected."
UJ	The analyte is classified as "not detected" with an expectation that the reported result is more uncertain than usual.
R	The reported sample result is classified as rejected due to serious noncompliances regarding quality control acceptance criteria. The presence or absence of the analyte cannot be verified based on routine validation alone.

5.0 DATA ANALYSIS AND REPORTING REQUIREMENTS

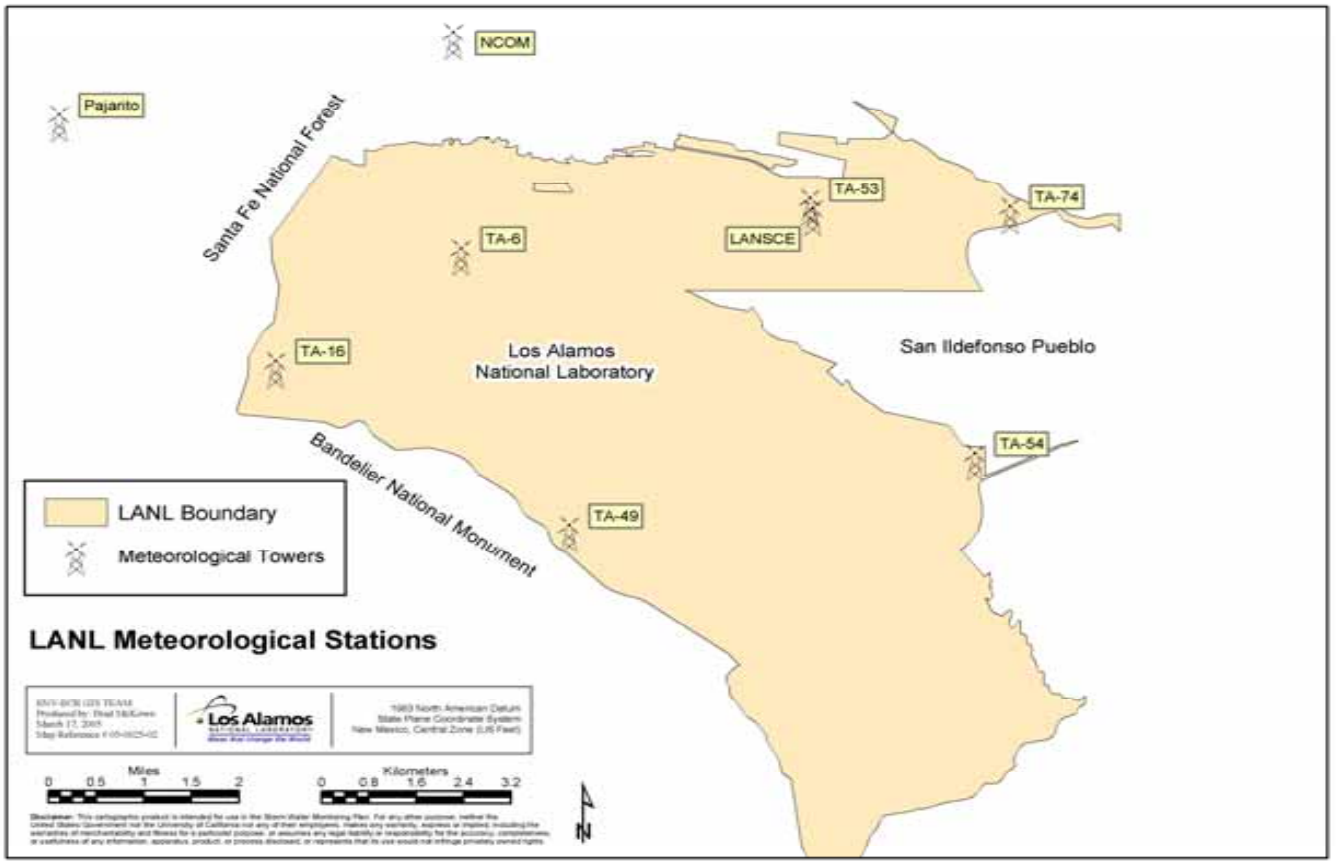
5.1 Storm Event Precipitation Data

Total precipitation for a storm event will be determined from the Laboratory's network of meteorological monitoring stations operated by the Meteorology and Air Quality Group, ENV-MAQ. The network includes four meteorological (MET) towers on the plateau and a fifth tower located in Los Alamos Canyon. The spacing between the towers is relatively even with a mean distance of seven kilometers. Two stations equipped with precipitation gauges are located at TA-16 and TA-74. These stations are situated in various locations around the Laboratory, allowing a representative precipitation amount to be determined for a specific storm water monitoring station. The Laboratory quality assurance plan (LANL 2003b) discusses the details of MET tower operation, and demonstrates that the network of towers is considered adequate to meet the needs of the Laboratory's compliance programs. The MET stations that are equipped with rain gages are listed in Table 8; the locations of the towers are shown in Figure 3.

Table 8. LANL Meteorological Monitoring Stations

Station Identifier	Station Type	Structure Number	Location	Elevation (ft)
TA-6	MET Tower	TA-06-0078	The TA-6 tower and associated near-surface instrumentation are located on the Pajarito Plateau in a narrow east-west meadow on Two-mile Mesa. This station is the official meteorological station for Los Alamos and the Laboratory.	7,424
TA-41	MET Tower	TA-41-0064	The TA-41 station is located at the bottom of Los Alamos Canyon. At this location, the canyon has an east-west orientation and is approximately 100 m deep and 300 m wide.	6,914
TA-49	MET Tower	TA-49-0123	The TA-49 station is located on the Pajarito Plateau on high ground between two small tributaries of Ancho Canyon.	7,045
TA-53	MET Tower	TA-53-1020	The TA-53 station is located on the Pajarito Plateau in a clearing on one of the Mesitas de Los Alamos.	6,990
TA-54	MET Tower	TA-54-0088	The TA-54 station is located in a clearing just off the eastern tip of Mesita del Buey on the Pajarito Plateau.	6,548
TA-16	Precipitation Gauge	TA-16-0209	The TA-16 precipitation station is located on the roof of Building 209 approximately 3.7 meters above grade. This station is used to determine precipitation along the western edge of the Laboratory site.	7,635
TA-74	Precipitation Gauge	none	The TA-74 precipitation station is located next to Test Well 1 in Pueblo Canyon. This station characterizes precipitation along the eastern edge of the Laboratory site.	6,370

Figure 3. Meteorological Monitoring Stations at Los Alamos National Laboratory



The rain gauge data from the MET towers and stations in will be reported annually in the format shown in Table 9. To minimize the volume of data that is reported, only days when precipitation was recorded are reported. Attachment 1 reports the precipitation data for the 2004 monitoring year.

Table 9. Sample Report Format for Measured Precipitation at the TA-6 MET Tower

Month	Day	Year	Total Precipitation (in)
2	7	2003	0.01
2	13	2003	0.25
2	15	2003	0.06
2	20	2003	0.18
2	25	2003	0.15
2	26	2003	0.21
2	27	2003	0.02
3	1	2003	0.06
3	16	2003	0.05
3	17	2003	0.06
3	18	2003	0.19
3	19	2003	0.05
3	20	2003	0.02
3	21	2003	0.07
3	25	2003	0.03
3	28	2003	0.10

5.2 Flow Discharge Data Reporting

Daily mean discharge data reports for each of the gage stations are developed and reported for each water year by ENV-WQH personnel. The Laboratory's annual surface water report includes a data table of daily mean discharge values (in cubic feet per second) for each station, as shown in the example in Table 10 (LANL 2005b). Gage station discharge data for the period October 1, 2003, to September 31, 2004, is available in the Laboratory's 2004 water year report (LANL 2005b).

5.3 Analytical Monitoring Data Reporting

The following summary table reports will be provided on both a monthly and annual basis.

- water samples collected at each monitoring station, including the sample collection date, the field preparation (i.e., filtered or unfiltered), the field QC sample type, and the analytical suites submitted;
- analytical results that are greater than wSAL;
- summary statistics for inorganic and organic pollutants; and
- analytical results and summary statistics for radionuclides (provided voluntarily).

The summary statistics for a pollutant include the following calculations.

Number of analyses:	the number of samples submitted for analysis of the pollutant (filtered and unfiltered samples are counted separately)
Frequency of detection:	the ratio of the number of detected results to the number of analyses
Frequency greater than wSAL:	the ratio of the number of results greater than wSAL to the number of analyses

Additionally, the annual update to this Plan includes all analytical results for inorganic pollutants, detected organic pollutants, and radionuclides (provided voluntarily). The analytical results for monitoring year 2004 are provided in Attachment 1. All analytical results that are available in the Laboratory's Oracle-based database, WQDB, may be viewed at any time at the following website: http://wqdbworld.lanl.gov/.

5.4 Reporting Schedule

The report deliverables, required report content, and reporting schedule pursuant to the FFCA is summarized in Table 11. Report deliverables under the FFCA are submitted to the EPA Region 6 office and the NMED Surface Water Quality Bureau (SWQB) and include:

- annual revision to this Plan that includes a summary of the previous monitoring year analytical data, submitted to the by March 31st of each year;
- a quarterly status report submitted no later than 60 days after the end of each quarter; and
- a monthly letter report of any analytical results greater than wSALs for the monthly reporting period submitted by the 28th day of the following month.

All reports submitted to the EPA and/or NMED pursuant to the FFCA shall be signed by a duly authorized representative of DOE in accordance with 40 CFR Part 122.22(b).

The DOE/UC must also meet the reporting requirements of the General Permit.

Table 10. Sample Report Format for Gage Station Annual Flow Discharge Data
E030 Los Alamos above DP Canyon
Daily Mean Discharge in Cubic Feet per Second Water Year October 2003 to September 2004

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0	0	0	0	0	0	.04	.59	0	0	0	0
2	0	0	0	0	0	0	.62	.55	0	0	0	0
3	.27	0	0	0	0	0	1.6	.50	0	0	0	0
4	.14	0	0	0	0	0	2.4	.47	0	0	0	0
5	0	0	0	0	0	0	1.5	.45	0	0	0	0
6	0	0	0	0	0	0	1.9	.40	0	0	0	0
7	.01	0	0	0	0	0	2.2	.37	0	0	0	0
8	.03	0	0	0	0	0	4.1	.35	0	0	0	0
9	0	0	0	0	0	0	4.3	.33	0	0	0	0
10	0	0	0	0	0	0	4.7	.29	0	0	0	0
11	0	0	0	0	0	0	5.1	.21	0	0	0	0
12	0	0	0	0	0	0	4.5	.19	0	0	0	0
13	0	0	0	0	0	0	4.5	.14	0	0	0	0
14	0	0	0	0	0	0	4.7	.09	0	0	0	0
15	0	0	0	0	0	0	5.0	.04	0	0	0	0
16	0	0	0	0	0	0	4.6	0	0	0	0	0
17	0	0	0	0	0	0	4.3	0	0	0	0	0
18	0	0	0	0	0	0	4.0	0		0	.39	0
19	0	0	0	0	0	0	3.4	0	0	0	0	0
20	0	0	0	0	0	0	2.8	0	0	0	.21	0
21	0	0	0	0	0	0	2.3	0	0	0	0	0
22	0	0	0	0	0	0	2.1	0	0	0	0	0
23	0	0	0	0	0	0	2.0	0	0	.39	0	0
24	0	0	0	0	0	0	1.7	0	0	.82	0	0
25	.80	0	0	0	0	.03	1.3	0	0	.05	0	0
26	.26	0	0	0	0	.20	1.1	0	0	0	0	.01
27	0	0	0	0	0	.24	.90	0	0	.34	0	.17
28	0	0	0	0	0	.15	.76	0	0	0	0	0
29	0	0	0	0	0	.13	.68	0	.32	0	0	0
30	0	0	0	0	------	.09	.62	0	.70	0	0	0
31	0	------	0	0	------	.05	------	0	------	0	0	------
Total	1.51	0	0	0	0	0.89	79.72	4.97	1.02	1.60	0.60	0.18
Mean	.049	0	0	0	0	.029	2.66	.16	.035	.052	.019	.006
Max	.80	0	0	0	0	.24	5.1	.59	.70	.82	.39	.17
Min	0	0	0	0	0	0	.04	0	0	0	0	0

Wtr Year	2004	Total	90.49	Mean	.25	Max	5.1	Min	0	Acre-Ft	179
Cal Year	2003	Total	19.66	Mean	.054	Max	3.0	Min	0	Acre-Ft	39

Table 11. Federal Facility Compliance FFCA Reporting Schedule for Watershed Storm Water Runoff Monitoring

Deliverable	Required Content	Frequency	Due Date	Submit to
LANL Storm Water Monitoring Plan Revision 1.0	• Summary of previous monitoring year analytical data (hardcopy and electronic formats) • Summary of watershed corrective actions • Proposed locations recommended for reduced monitoring requirements	Annual	March 31, 2005 March 31, 2006	EPA Region 6 NMED Surface Water Quality Bureau
Status Report	• State and describe the cause of any failure to comply with the FFCA • Deadlines and other milestones which DOE was required to meet during the reporting period • Progress made toward meeting the deadlines and other milestones • Reasons for any noncompliance • Corrective actions taken to address exceedances of wSALs • Description of any matters relevant to the status of compliance with this FFCA	Quarterly	<u>2005 Monitoring Year</u> No later than: May 30, 2005 August 31, 2005 November 30, 2005 February 28, 2006	EPA Region 6 NMED Surface Water Quality Bureau
Letter Report	• Report any analytical results greater than wSALs • Propose corrective actions for impacted locations • Report status of implemented corrective actions	Monthly	28th day of the following month (or next business day if the 28th falls on a weekend or holiday)	EPA Region 6 NMED Surface Water Quality Bureau
Discharge Monitoring Reports	• Discharge monitoring data for General Permit monitoring stations	Bi-annual	Not required in 2005	EPA Region 6

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WQH-QMP, *Water Quality and Hydrology Group Quality Management Plan*

WQH-QP-027, *Managing Electronic Data*

WQH-QP-029, *Creating and Maintaining Chain of Custody*

WQH-SOP-009, *Operation of Stream Gage Stations and Collection of Storm Water Runoff Samples*

WQH-SOP-010, *Processing Storm Water Runoff Samples*

WQH-SOP-020, *Custody, Packaging, and Transportation of Samples*

Appendices

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APPENDIX A

Facility Map of Storm Water Monitoring Stations

APPENDIX B

Storm Water Sampling Plan – 2005

Table B-1. Watershed Storm Water Runoff Monitoring, 2005
Detailed Sampling Plan

Station ID	Station Name	FFCA Suites - PE Container						FFCA Suites - Glass Container				
		Alkal-inity	ClO_4	DOC	SSC	Metals	Rad	Hg	Dioxins/ Furans	HE	PCB	H-3
E026	Los Alamos below Ice Rink	X		X	X	X	X	X			X	X
E030	Los Alamos above DP Canyon	X		X	X	X	X	X	X		X	X
E038	DP above TA-21	X		X	X	X	X	X				X
E039	DP below Meadow at TA-21	X		X	X	X	X	X				X
E040	DP above Los Alamos Canyon	X		X	X	X	X	X				X
E042	Los Alamos above SR-4	X		X	X	X	X	X			X	X
E050	Los Alamos below LA Weir	X		X	X	X	X	X			X	X
E055	Pueblo above Acid	X		X	X	X	X	X				X
E055.5	South Fork of Acid Canyon	X		X	X	X	X	X			X	X
E056	Acid above Pueblo	X		X	X	X	X	X			X	X
E060	Pueblo above SR-502	X		X	X	X	X	X	X		X	X
E099	Guaje at SR 502	X		X	X	X	X	X			X	X
E110	Los Alamos above Rio Grande	X		X	X	X	X	X	X		X	X
E121	Sandia right fork at Power Plant	X		X	X	X	X	X			X	X
E122	Sandia left fork at Asphalt Plant	X		X	X	X		X			X	
E123	Sandia below Wetlands	X		X	X	X		X			X	
E124	Sandia above Firing Range	X		X	X	X	X	X		X	X	X
E125	Sandia above SR-4	X		X	X	X	X	X		X	X	X
E200	Mortandad below Effluent Canyon	X	X	X	X	X	X	X				X
E201	Mortandad above Ten Site	X	X	X	X	X	X	X			X	X
E201.3	Ten Site below MDA C	X		X	X	X	X	X	X			X

Table B-1. Watershed Storm Water Runoff Monitoring, 2005
Detailed Sampling Plan

Station ID	Station Name	FFCA Suites - PE Container						FFCA Suites - Glass Container				
		Alkal-inity	ClO_4	DOC	SSC	Metals	Rad	Hg	Dioxins/ Furans	HE	PCB	H-3
E201.5	Ten Site above Mortandad	X		X	X	X	X	X				X
E202	Mortandad above Sediment Traps	X		X	X	X	X	X				X
E203	Mortandad below Sediment Traps	X		X	X	X	X	X				X
E204	Mortandad at LANL Boundary	X	X	X	X	X	X	X				X
E218	Canada del Buey near TA-46	X		X	X	X	X	X			X	X
E225	Canada del Buey near MDA G	X		X	X	X	X	X			X	X
E227	MDA G-13	X		X	X	X	X	X	X		X	X
E230	Canada del Buey above SR-4	X		X	X	X	X	X			X	X
E240	Pajarito below SR-501	X		X	X	X	X	X				X
E241	Pajarito above Starmers	X		X	X	X		X				
E242	Starmers above Pajarito	X		X	X	X		X				
E242.5	La Delfe above Pajarito	X		X	X	X		X		X		
E243	Pajarito above Twomile	X		X	X	X	X	X		X		X
E243.5	Twomile tributary at TA-3	X		X	X	X	X	X	X			X
E244	Twomile above Pajarito	X		X	X	X	X	X	X	X	X	X
E245	Pajarito above TA-18	X		X	X	X	X	X		X	X	X
E245.5	Pajarito above Threemile	X		X	X	X	X	X		X	X	X
E246	Threemile above Pajarito	X		X	X	X	X	X		X	X	X
E247	MDA G-1	X		X	X	X	X	X			X	X
E248.5	MDA G-6U	X		X	X	X	X	X			X	X
E249	MDA G-4	X		X	X	X	X	X			X	X

Table B-1. Watershed Storm Water Runoff Monitoring, 2005
Detailed Sampling Plan

Station ID	Station Name	FFCA Suites - PE Container						FFCA Suites - Glass Container				
		Alkal-inity	ClO_4	DOC	SSC	Metals	Rad	Hg	Dioxins/ Furans	HE	PCB	H-3
E250	Pajarito above SR-4	X		X	X	X	X	X	X	X	X	X
E252	Water above SR-501	X		X	X	X	X	X				X
E253	Canon de Valle above SR-501	X		X	X	X	X	X				X
E256	Canon de Valle below MDA P	X		X	X	X		X		X		
E257	Canon de Valle tributary at Burn Grounds	X		X	X	X		X		X		
E260	Water above S Site Canyon	X		X	X	X		X		X		
E261	S Site Canyon above Water	X		X	X	X		X		X		
E262	Canon de Valle above Water	X		X	X	X	X	X		X		X
E262.5	Water below MDA AB	X		X	X	X	X	X		X		X
E263	Water at SR-4	X		X	X	X	X	X		X		X
E264	Indio at SR-4	X		X	X	X	X	X		X		X
E265	Water below SR-4	X		X	X	X	X	X			X	X
E266	Potrillo at Lower Slobovia	X		X	X	X	X	X	X	X		X
E267	Potrillo above SR-4	X		X	X	X	X	X				X
E274	Ancho north fork below SR-4	X		X	X	X	X	X		X	X	X
E275	Ancho below SR-4	X		X	X	X	X	X		X	X	X
E338	Chaquehui at TA-33	X		X	X	X	X	X			X	X
E340	Chaquehui tributary at TA-33	X		X	X	X		X			X	

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APPENDIX C

Derivation of LANL Storm Water Screening Action Levels

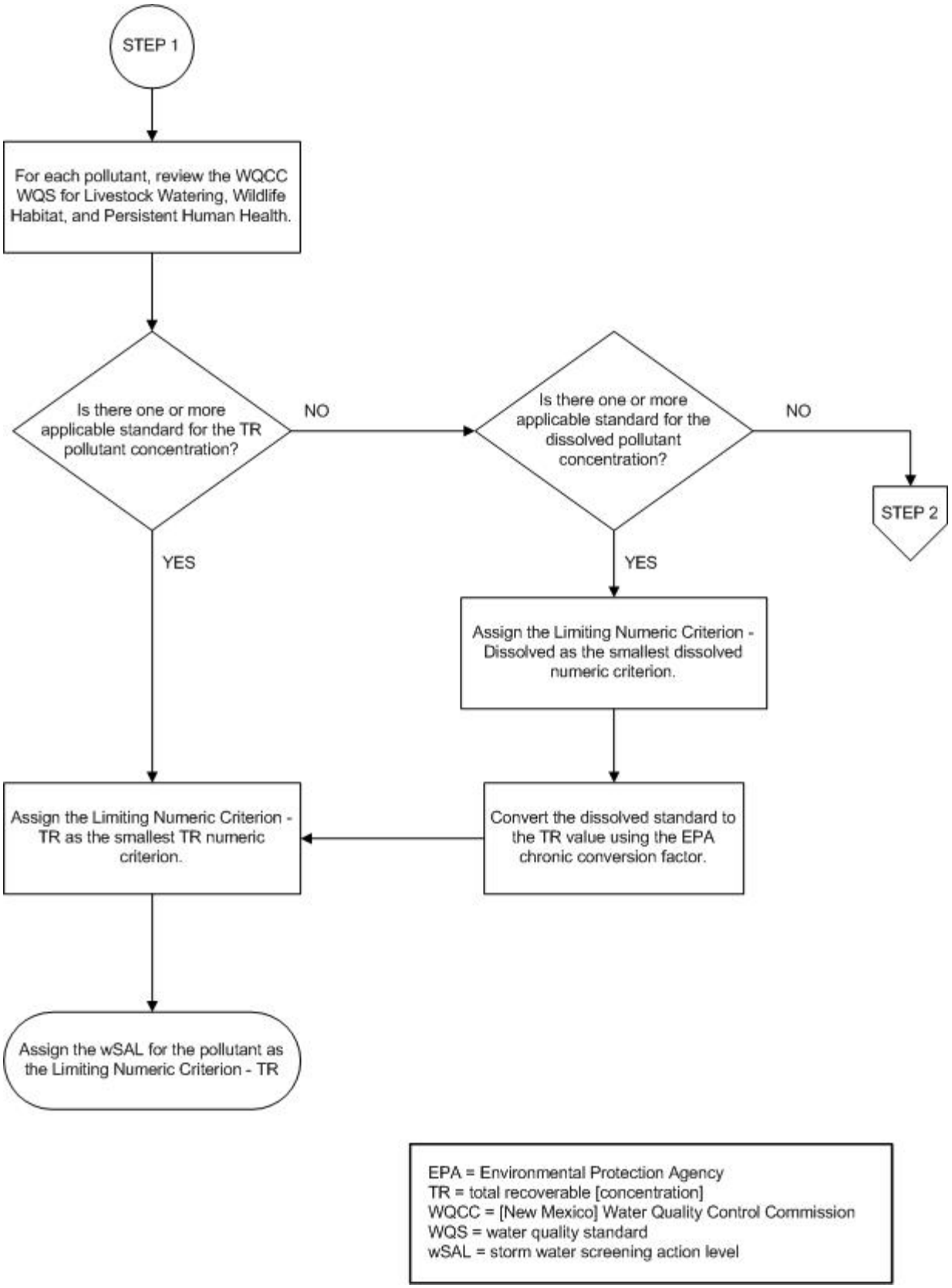

Figure C-1. Decision flow logic for derivation of LANL wSALs.

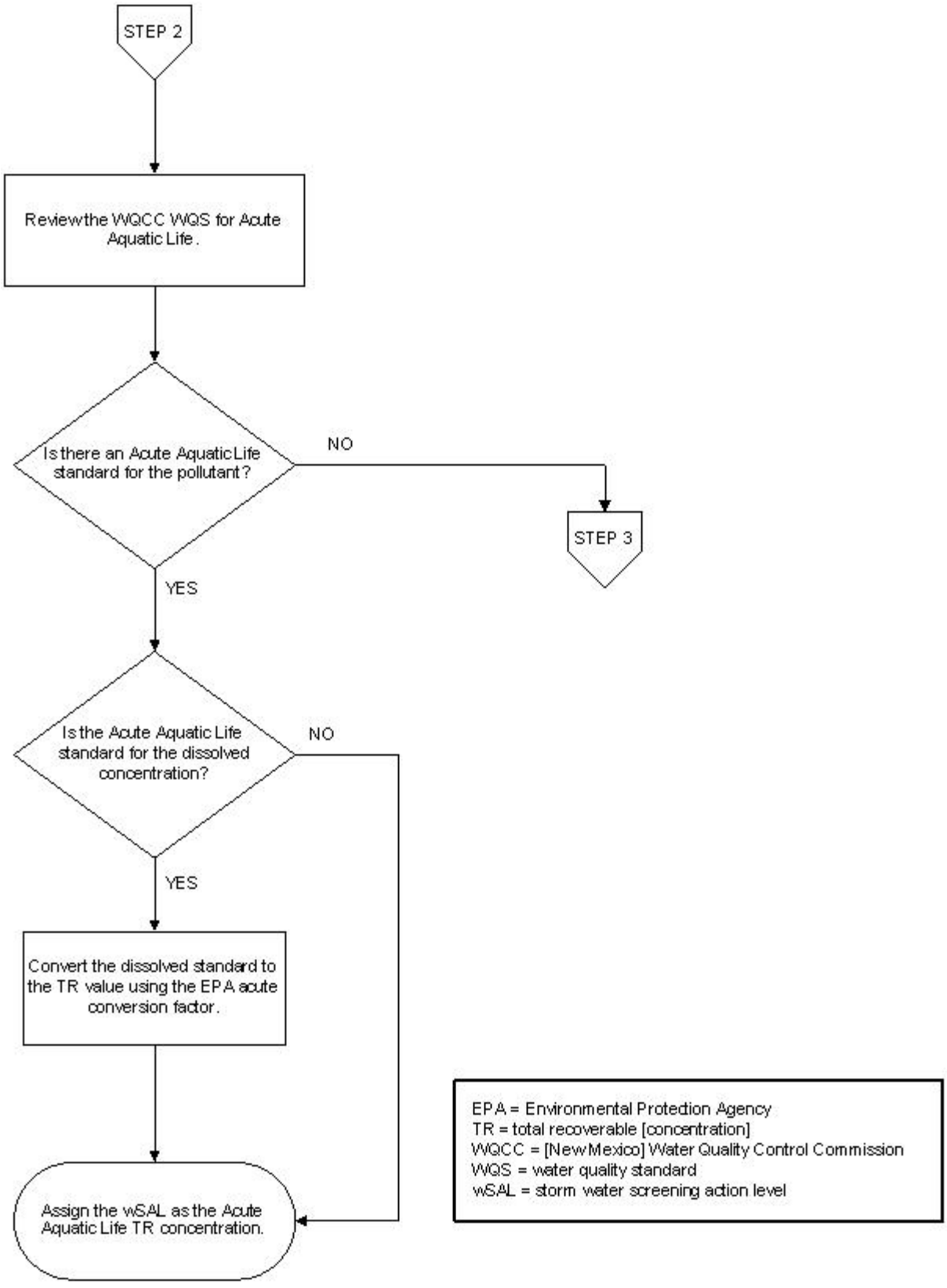

Figure C-1, continued. Decision flow logic for derivation of LANL wSALs.

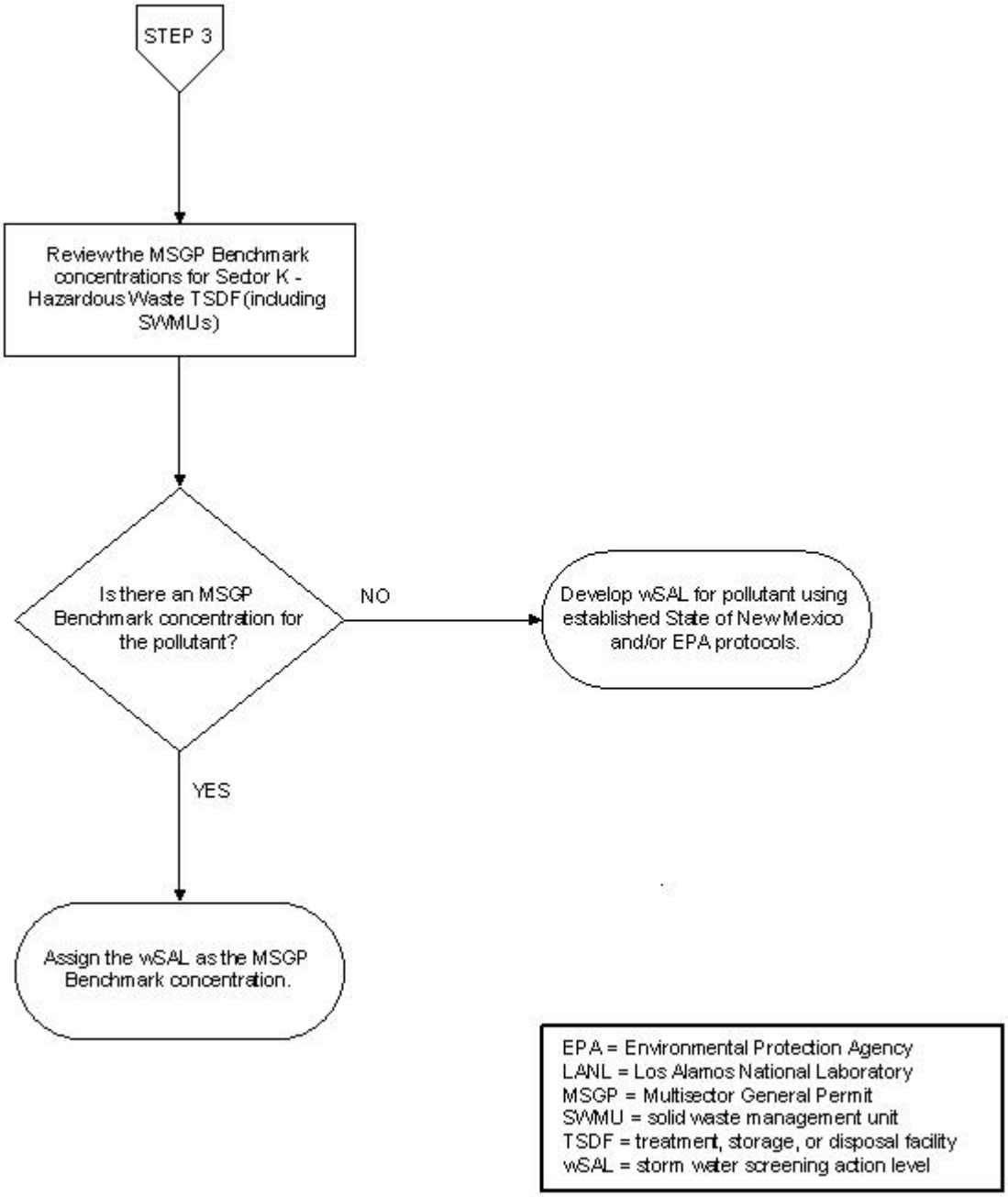

Figure C-1, concluded. Decision flow logic for derivation of LANL wSALs.

Table C-1. Derivation of LANL Storm Water Screening Action Levels

Pollutant	CAS Number	WQCC Livestock Watering (1) (µg/L)		WQCC Wildlife Habitat (2) (µg/L)	WQCC Human Health (Persistent) (3) (µg/L)		Limiting Numeric Criterion (4) (µg/L)		WQCC Acute Aquatic Life (5) (µg/L)		MSGP Sector K Benchmark (6) (µg/L)	wSAL (7) (µg/L)
		Diss	TR	TR	Diss	TR	Diss	TR	Diss	TR	TR	TR
Aluminum	7429-90-5	5,000	*5,000*				5,000	5,000	750			5,000
Ammonia (as N) (8)	7664-41-7									19,000	19,000	19,000
Antimony	7440-36-0				4,300	*4,300*	4,300	4,300				4,300
Arsenic	7440-38-2	200	*200*		24.2	*24.2*	24.2	24.2	340		168.54	24.2
Barium	7440-39-3											TBD
Beryllium	7440-41-7								130	*130*		130
Boron	7440-42-8	5,000	*5,000*				5,000	5,000				5,000
Cadmium	7440-43-9	50	*55*				50	55	4.3		15.9	55
Chemical oxygen demand (8)	--										120,000	120,000
Chlorine residual	7782-50-5			11			na	11	19			11
Chromium	18540-29-9	1,000	*1,163*				1,000	1,163	570			1,163
Cobalt	7440-48-4	1,000	*1,000*				1,000	1,000				1,000
Copper	7440-50-8	500	*521*				500	521	13.4			521
Cyanide, total (8)	57-12-5										63.6	63.6
Cyanide, weak acid dissociable (8)	57-12-5			5.2			na	5.2	na	22		5.2
Lead	7439-92-1	100	*126*				100	126	65		81.6	126
Magnesium	7439-95-4										63.6	63.6
Mercury (8)	7439-97-6	na	10	0.77			na	0.77	na	2.4	2.4	0.77
Molybdenum	7439-98-7											TBD
Nickel	7440-02-0				4,600	*4,614*	4,600	4,614	468			4,614
Perchlorate	7601-90-3											Report
Selenium	7782-49-2	50	*50*	5	11,000	*11,000*	5	5		20	238.5	5
Silver	7440-22-4								4	*4.1*	31.8	4.1
Thallium	7440-28-0				6.3	*6.3*	6.3	6.3				6.3
Vanadium	7440-62-2	100	*100*				100	100				100

Table C-1. Derivation of LANL Storm Water Screening Action Levels

Pollutant	CAS Number	WQCC Livestock Watering (1) (µg/L)		WQCC Wildlife Habitat (2) (µg/L)	WQCC Human Health (Persistent) (3) (µg/L)		Limiting Numeric Criterion (4) (µg/L)		WQCC Acute Aquatic Life (5) (µg/L)		MSGP Sector K Benchmark (6) (µg/L)	wSAL (7) (µg/L)
		Diss	TR	TR	Diss	TR	Diss	TR	Diss	TR	TR	TR
Zinc	7440-66-6	25,000	*25,355*		69,000	*69,980*	25,000	25,355	117			25,355
Aldrin (8)	309-00-2					0.0014	na	0.0014				0.0014
Benzo(a)pyrene (8)	50-32-8					0.49	na	0.49				0.49
Gamma-BHC (Lindane) (8)	58-89-9									0.95		0.95
Chlordane (8)	57-74-9					0.022	na	0.022		2.4		0.022
4,4'-DDT and derivatives (8)	50-29-3			0.001		0.0059	na	0.001		1.1		0.001
Dieldrin (8)	60-57-1					0.0014	na	0.0014		0.24		0.0014
2,3,7,8-TCDD Dioxin (8)	1746-01-6					1.40E-07	na	1.40E-07				1.40E-07
alpha-Endosulfan (8)	959-98-8									0.22		0.22
beta-Endosulfan (8)	33213-65-9									0.22		0.22
Endrin (8)	72-20-8									0.086		0.086
Heptachlor (8)	76-44-8									0.52		0.52
Heptachlor epoxide (8)	1024-57-3									0.52		0.52
Hexachlorobenzene (8)	118-74-1					0.0077	na	0.0077				0.0077
PCBs (8)	1336-36-3			0.014		0.0017	na	0.0017				0.0017
Pentachlorophenol (8)	87-86-5											19
RDX (9)	121-82-4											200
Tetrachloroethylene (8)	127-18-4					88.5	na	88.5				88.5
Toxaphene (8)	8001-35-2									0.73		0.73
2,4,6-Trinitrotoluene (9)	118-96-7											20
Ra-226 + Ra-228 (8)	--		30 pCi/L				na	30 pCi/L				30 pCi/L
Tritium (8) (10)	10028-17-8		20,000 pCi/L				na	20,000 pCi/L				20,000 pCi/L
Total gross alpha (8) (11)	--		15 pCi/L				na	15 pCi/L				15 pCi/L

This table will be modified to reflect applicable changes to State of New Mexico water quality standards. Storm water monitoring plans will also be modified accordingly.

CAS = Chemical Abstracts Service
Diss = dissolved [concentration]
µg/L = micrograms per liter
MSGP = Multisector General Permit
na = not applicable
PCBs = polychlorinated biphenyl [compounds]
pCi/L = picoCurie per liter
Ra = radium
RDX = Royal Demolition Explosive
TBD = to be determined
TR = total recoverable [concentration]
WQCC = [New Mexico] Water Quality Control Commission
wSAL = storm water screening action level

Table C-1 Notes:

(1) The WQCC Livestock Watering water quality standards (see NMAC 20.6.4.900 [M]) are applicable to storm water runoff at LANL. For the metal pollutants except mercury, the promulgated WQCC numeric criteria are for the dissolved concentration. The criteria for the total recoverable concentration are calculated using the EPA chronic conversion factors given in *National Recommended Water Quality Criteria: 2002* (EPA-822-R-02-047), and are shown in italics. The numeric criterion for mercury is based on analysis of an unfiltered sample (i.e., equivalent to a total recoverable concentration).

(2) The WQCC Wildlife Habitat water quality standards (see NMAC 20.6.4.900 [M]) are applicable to storm water runoff at LANL. The numeric criteria for Wildlife Habitat are based on analysis of an unfiltered sample (i.e., equivalent to a total recoverable concentration).

(3) The WQCC Human Health water quality standards (see NMAC 20.6.4.900 [M]) for persistent pollutants are applicable to storm water runoff at LANL. For the metal pollutants, the promulgated WQCC numeric criteria are for the dissolved concentration. The criteria for the total recoverable concentration are calculated using the EPA chronic conversion factors given in given in *National Recommended Water Quality Criteria: 2002* (EPA-822-R-02-047), and are shown in italics. For organic pollutants, the numeric criteria are based on analysis of an unfiltered sample (i.e., equivalent to a total recoverable concentration).

(4) The Limiting Numeric Criterion is selected as the lowest value of the applicable numeric criteria, where the applicable criteria are those for Livestock Watering, Wildlife Habitat, and Persistent Human Health.

(5) WQCC Acute Aquatic Life water quality standards (see NMAC 20.4.6.900 [M]) are currently not applicable to storm water runoff at LANL. The Acute Aquatic Life standards for metal pollutants except mercury are based on the dissolved concentration. Hardness-dependent acute standards for dissolved silver, cadmium, chromium, copper, lead, nickel, and zinc are calculated according to NMAC 20.6.4.900 (J) using a hardness value of 100 mg/L $CaCO_3$. The criteria for the total recoverable concentration are calculated using the EPA acute conversion factors given in *National Recommended Water Quality Criteria: 2002* (EPA-822-R-02-047), and are shown in italics. The numeric criterion for mercury is based on analysis of an unfiltered sample (i.e., equivalent to a total recoverable concentration).

(6) MSGP Benchmark Monitoring Cutoff Concentrations are those applicable to Sector K - Hazardous Waste Treatment, Storage, or Disposal Facilities (including Solid Waste Management Units). The MSGP Benchmark values for metal pollutants are for the total recoverable concentration.

(7) The wSAL is assigned - in the following order of priority - as (i) the Limiting Numeric Criterion - Total Recoverable; (ii) the Acute Aquatic Life total recoverable standard; (iii) The MSGP Sector K benchmark value; or (iv) the effluent limitation set forth in NPDES Permit No. NM0028355. The wSALs will be compared with total recoverable concentrations to assess contaminant transport in mobilized sediment.

(8) An unfiltered sample is submitted to the analytical laboratory for analysis of this pollutant.

(9) wSAL values for 2,4,6-trinitrotoluene (TNT) and RDX are based on effluent limitations set forth in NPDES Permit No. NM0028355.

(10) When accelerator produced.

(11) Standard applies to pollutants that are not exempt under the Atomic Energy Act. Gross alpha radiation includes contribution from radium-226, but excludes radon and uranium.

Table C-2. EPA Conversion Factors for Dissolved Metals (1)

Pollutant	Freshwater Conversion Factor (2)	
	Acute (CMC)	Chronic (CCC)
Aluminum	--	--
Antimony	--	--
Arsenic	1.000	1.000
Beryllium	--	--
Boron	--	--
Cadmium	0.944	0.909
Chromium (III)	0.316	0.860
Chromium (VI)	0.982	0.962
Cobalt	--	--
Copper	0.960	0.960
Iron	--	--
Lead	0.791	0.791
Magnesium	--	--
Mercury	0.85	0.85
Nickel	0.998	0.997
Selenium	--	--
Silver	0.85	--
Thallium	--	--
Vanadium	--	--
Zinc	0.978	0.986

CCC= Criterion Maximum Concentration
CMC = Criteria Maximum Concentration

Table C-2 Notes:

1. Conversion factors for dissolved metals in freshwater are taken from Appendix A to *National Recommended Water Quality Criteria: 2002* (EPA-822-R-02-047)
2. The term "Conversion Factor" represents the recommended conversion factor for converting a metal criterion expressed as the total recoverable fraction in the water column to a criterion expressed as the dissolved fraction in the water column.

   [Dissolved] = Conversion Factor x [Total Recoverable]
   [Total Recoverable] = [Dissolved] / Conversion Factor
3. Conversion Factors for Cd and Pb are hardness dependent. The values shown are based on a hardness of 100 mg/L as $CaCO_3$.

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APPENDIX D

Sites Located Upstream of Watershed Monitoring Stations

Table D-1. FFCA Sites Located Upstream of LANL Watershed Gage Stations

Station ID	Station Watershed	Station Sub-Watershed	Site ID	Site Name	Consolidated Unit ID	Erosion Matrix Score	Site Watershed	Site Sub-Watershed
E030	Los Alamos/Pueblo	Middle Los Alamos/DP	00-017	Waste lines		67.5	Los Alamos/Pueblo	Upper Los Alamos
E030	Los Alamos/Pueblo	Middle Los Alamos/DP	00-030(i)	Septic system		54.5	Los Alamos/Pueblo	Upper Los Alamos
E030	Los Alamos/Pueblo	Middle Los Alamos/DP	01-001(c)	Septic Tank 137	01-001(a)-99	76.5	Los Alamos/Pueblo	Upper Los Alamos
E030	Los Alamos/Pueblo	Middle Los Alamos/DP	01-001(d)	Septic Tank 138 (hillside)	01-001(a)-99	74.5	Los Alamos/Pueblo	Upper Los Alamos
E030	Los Alamos/Pueblo	Middle Los Alamos/DP	01-001(f)	Septic Tank 140 (hillside)	01-001(a)-99	56.7	Los Alamos/Pueblo	Upper Los Alamos
E030	Los Alamos/Pueblo	Middle Los Alamos/DP	01-003(a)	Landfill	01-001(a)-99	79.0	Los Alamos/Pueblo	Upper Los Alamos
E030	Los Alamos/Pueblo	Middle Los Alamos/DP	01-003(d)	Surface disposal site		49.5	Los Alamos/Pueblo	Upper Los Alamos
E030	Los Alamos/Pueblo	Middle Los Alamos/DP	01-003(e)	Surface disposal site	01-001(a)-99	83.0	Los Alamos/Pueblo	Upper Los Alamos
E030	Los Alamos/Pueblo	Middle Los Alamos/DP	01-006(b)	Drainlines and outfall	01-001(a)-99	76.5	Los Alamos/Pueblo	Upper Los Alamos
E030	Los Alamos/Pueblo	Middle Los Alamos/DP	01-006(b)	Drainlines and outfall	01-001(a)-99	76.5	Los Alamos/Pueblo	Upper Los Alamos
E030	Los Alamos/Pueblo	Middle Los Alamos/DP	01-006(c)	Drainlines and outfall	01-001(a)-99	76.5	Los Alamos/Pueblo	Upper Los Alamos
E030	Los Alamos/Pueblo	Middle Los Alamos/DP	01-006(d)	Drainlines and outfall	01-001(a)-99	76.5	Los Alamos/Pueblo	Upper Los Alamos
E030	Los Alamos/Pueblo	Middle Los Alamos/DP	01-006(n)	Drainlines and outfall	01-001(a)-99	76.5	Los Alamos/Pueblo	Upper Los Alamos
E030	Los Alamos/Pueblo	Middle Los Alamos/DP	02-003(a)	Valve house and gaseous effluent line		57.6	Los Alamos/Pueblo	Middle Los Alamos/DP
E030	Los Alamos/Pueblo	Middle Los Alamos/DP	02-003(e)	Holding tank (near reactor water boiler)		40.5	Los Alamos/Pueblo	Middle Los Alamos/DP
E030	Los Alamos/Pueblo	Middle Los Alamos/DP	02-006(b)	Acid waste line		51.8	Los Alamos/Pueblo	Middle Los Alamos/DP
E030	Los Alamos/Pueblo	Middle Los Alamos/DP	02-007	Septic system	02-007-00	44.8	Los Alamos/Pueblo	Middle Los Alamos/DP
E030	Los Alamos/Pueblo	Middle Los Alamos/DP	02-008(a)	Outfall		55.8	Los Alamos/Pueblo	Middle Los Alamos/DP

Table D-1. FFCA Sites Located Upstream of LANL Watershed Gage Stations

Station ID	Station Watershed	Station Sub-Watershed	Site ID	Site Name	Consolidated Unit ID	Erosion Matrix Score	Site Watershed	Site Sub-Watershed
E030	Los Alamos/Pueblo	Middle Los Alamos/DP	02-009(a)	Non-intentional release	02-007-00	57.0	Los Alamos/Pueblo	Middle Los Alamos/DP
E030	Los Alamos/Pueblo	Middle Los Alamos/DP	02-009(b)	Non-intentional release	02-007-00	44.8	Los Alamos/Pueblo	Middle Los Alamos/DP
E030	Los Alamos/Pueblo	Middle Los Alamos/DP	02-009(c)	Non-intentional release	02-007-00	51.3	Los Alamos/Pueblo	Middle Los Alamos/DP
E030	Los Alamos/Pueblo	Middle Los Alamos/DP	02-011(a)	Storm drain and outfall		57.0	Los Alamos/Pueblo	Middle Los Alamos/DP
E030	Los Alamos/Pueblo	Middle Los Alamos/DP	21-013(b)	Surface disposal site	21-018(a)-99	67.0	Los Alamos/Pueblo	Middle Los Alamos/DP
E030	Los Alamos/Pueblo	Middle Los Alamos/DP	21-013(g)	Surface disposal site	21-018(a)-99	67.0	Los Alamos/Pueblo	Middle Los Alamos/DP
E030	Los Alamos/Pueblo	Middle Los Alamos/DP	21-024(e)	Septic system		56.0	Los Alamos/Pueblo	Middle Los Alamos/DP
E030	Los Alamos/Pueblo	Middle Los Alamos/DP	21-024(i)	Septic system		53.7	Los Alamos/Pueblo	Middle Los Alamos/DP
E030	Los Alamos/Pueblo	Middle Los Alamos/DP	21-027(a)	Industrial or sanitary wastewater treatment		52.0	Los Alamos/Pueblo	Middle Los Alamos/DP
E030	Los Alamos/Pueblo	Middle Los Alamos/DP	21-027(d)	Drainline	21-027(d)-99	45.0	Los Alamos/Pueblo	Middle Los Alamos/DP
E030	Los Alamos/Pueblo	Middle Los Alamos/DP	32-004	Drainline and outfall		42.0	Los Alamos/Pueblo	Upper Los Alamos
E030	Los Alamos/Pueblo	Middle Los Alamos/DP	C-41-004	Storm drains		52.8	Los Alamos/Pueblo	Upper Los Alamos
E030	Los Alamos/Pueblo	Middle Los Alamos/DP	C-43-001	Outfall		45.4	Los Alamos/Pueblo	Upper Los Alamos
E038	Los Alamos/Pueblo	Middle Los Alamos/DP	21-029	Soil contamination area		56.6	Los Alamos/Pueblo	Middle Los Alamos/DP
E039	Los Alamos/Pueblo	Middle Los Alamos/DP	21-011(c)	Tank and sump	21-016(a)-99	54.0	Los Alamos/Pueblo	Middle Los Alamos/DP
E039	Los Alamos/Pueblo	Middle Los Alamos/DP	21-011(k)	Outfall		72.0	Los Alamos/Pueblo	Middle Los Alamos/DP
E039	Los Alamos/Pueblo	Middle Los Alamos/DP	21-016(a)	Material disposal area (MDA T)	21-016(a)-99	54.0	Los Alamos/Pueblo	Middle Los Alamos/DP
E039	Los Alamos/Pueblo	Middle Los Alamos/DP	21-016(b)	Material disposal area (MDA T)	21-016(a)-99	54.0	Los Alamos/Pueblo	Middle Los Alamos/DP

Table D-1. FFCA Sites Located Upstream of LANL Watershed Gage Stations

Station ID	Station Watershed	Station Sub-Watershed	Site ID	Site Name	Consolidated Unit ID	Erosion Matrix Score	Site Watershed	Site Sub-Watershed
E039	Los Alamos/Pueblo	Middle Los Alamos/DP	21-016(c)	Material disposal area (MDA T)	21-016(a)-99	54.0	Los Alamos/Pueblo	Middle Los Alamos/DP
E039	Los Alamos/Pueblo	Middle Los Alamos/DP	21-024(h)	Septic system		54.0	Los Alamos/Pueblo	Middle Los Alamos/DP
E042	Los Alamos/Pueblo	Lower Los Alamos	26-001	Surface disposal site		65.0	Los Alamos/Pueblo	Middle Los Alamos/DP
E042	Los Alamos/Pueblo	Lower Los Alamos	53-002(a)	Disposal lagoon (NE, NW impoundments) (inactive)	53-002(a)-99	47.8	Los Alamos/Pueblo	Middle Los Alamos/DP
E042	Los Alamos/Pueblo	Lower Los Alamos	53-008	Storage area, Boneyard		61.8	Los Alamos/Pueblo	Middle Los Alamos/DP
E055	Los Alamos/Pueblo	Pueblo	00-018(a)	Sludge-bed wastewater treatment plant, Pueblo Canyon		42.8	Los Alamos/Pueblo	Pueblo
E055.5	Los Alamos/Pueblo	Pueblo	01-002(b)-00	Outfall TA-01 SWMU to be in TA-45	45-001-00	71.5	Los Alamos/Pueblo	Pueblo
E055.5	Los Alamos/Pueblo	Pueblo	45-001	Wastewater treatment facility	45-001-00	50.3	Los Alamos/Pueblo	Pueblo
E055.5	Los Alamos/Pueblo	Pueblo	45-004	Sanitary sewer outfall	45-001-00	50.2	Los Alamos/Pueblo	Pueblo
E056	Los Alamos/Pueblo	Pueblo	00-030(g)	Septic system (near old Catholic Church parking lot)		47.2	Los Alamos/Pueblo	Pueblo
E056	Los Alamos/Pueblo	Pueblo	01-002(b)-00	Outfall TA-01 SWMU to be in TA-45	45-001-00	71.5	Los Alamos/Pueblo	Pueblo
E056	Los Alamos/Pueblo	Pueblo	45-001	Wastewater treatment facility	45-001-00	50.3	Los Alamos/Pueblo	Pueblo
E056	Los Alamos/Pueblo	Pueblo	45-004	Sanitary sewer outfall	45-001-00	50.2	Los Alamos/Pueblo	Pueblo

Table D-1. FFCA Sites Located Upstream of LANL Watershed Gage Stations

Station ID	Station Watershed	Station Sub-Watershed	Site ID	Site Name	Consolidated Unit ID	Erosion Matrix Score	Site Watershed	Site Sub-Watershed
E060	Los Alamos/Pueblo	Pueblo	00-019	Wastewater treatment plant, central		51.5	Los Alamos/Pueblo	Pueblo
E060	Los Alamos/Pueblo	Pueblo	73-001(a)	Landfill	73-001(a)-99	85.5	Los Alamos/Pueblo	Pueblo
E060	Los Alamos/Pueblo	Pueblo	73-002	Incinerator surface disposal	73-002-99	56.0	Los Alamos/Pueblo	Pueblo
E060	Los Alamos/Pueblo	Pueblo	73-004(d)	Septic tank (landfill)	73-001(a)-99	46.7	Los Alamos/Pueblo	Pueblo
E060	Los Alamos/Pueblo	Pueblo	73-006	Airport building outfalls	73-002-99	56.0	Los Alamos/Pueblo	Pueblo
E090	Los Alamos/Pueblo	Rendija/Barrancas/Guaje	C-00-041	Asphalt and tar remnant site		42.8	Los Alamos/Pueblo	Rendija/Barrancas/Guaje
E110	Los Alamos/Pueblo	Lower Los Alamos	00-011(d)	Mortar impact area		73.8	Los Alamos/Pueblo	Bayo
E121	Sandia	Upper Sandia	03-012(b)	Operational release and outfall	03-012(b)-00	65.0	Sandia	Upper Sandia
E121	Sandia	Upper Sandia	03-045(b)	Industrial or sanitary wastewater treatment	03-012(b)-00	65.0	Sandia	Upper Sandia
E121	Sandia	Upper Sandia	03-045(c)	Outfall	03-012(b)-00	57.7	Sandia	Upper Sandia
E121	Sandia	Upper Sandia	03-056(c)	Transformer storage area - PCB only site		45.0	Sandia	Upper Sandia
E122	Sandia	Upper Sandia	03-003(m)	Storage area (capacitor banks) - PCB only site		46.3	Sandia	Upper Sandia
E122	Sandia	Upper Sandia	03-013(a)	Operational release	03-013(a)-00	45.0	Sandia	Upper Sandia
E122	Sandia	Upper Sandia	03-013(b)	Operational release		45.0	Sandia	Upper Sandia
E122	Sandia	Upper Sandia	03-052(f)	Storm drainage	03-013(a)-00	45.0	Sandia	Upper Sandia
E122.2	Sandia	Upper Sandia	03-009(a)	Surface disposal (soil fill)	03-009(a)-00	61.3	Sandia	Upper Sandia

Table D-1. FFCA Sites Located Upstream of LANL Watershed Gage Stations

Station ID	Station Watershed	Station Sub-Watershed	Site ID	Site Name	Consolidated Unit ID	Erosion Matrix Score	Site Watershed	Site Sub-Watershed
E122.2	Sandia	Upper Sandia	03-029	Landfill	03-009(a)-00	44.3	Sandia	Upper Sandia
E122.4	Sandia	Upper Sandia	60-007(b)	Systematic or intent. prod. release		43.8	Sandia	Upper Sandia
E122.5	Sandia	Upper Sandia	60-007(b)	Systematic or intent. prod. release		43.8	Sandia	Upper Sandia
E123	Sandia	Upper Sandia	03-014(b2)	Outfall	03-014(a)-99	46.3	Sandia	Upper Sandia
E123	Sandia	Upper Sandia	03-014(c2)	Outfall	03-014(a)-99	72.0	Sandia	Upper Sandia
E124	Sandia	Lower Sandia	20-002(a)	Firing site	20-001(c)-00	48.6	Sandia	Lower Sandia
E124	Sandia	Lower Sandia	53-014	Soil Contamination, lead storage site II		80.5	Sandia	Lower Sandia
E125	Sandia	Lower Sandia	20-002(c)	Firing site	20-001(b)-00	73.8	Sandia	Lower Sandia
E125	Sandia	Lower Sandia	20-003(c)	Firing site	20-001(b)-00	57.4	Sandia	Lower Sandia
E125	Sandia	Lower Sandia	72-001	Firing range		84.3	Sandia	Lower Sandia
E200	Mortandad	Upper Mortandad	03-054(e)	Outfall		89.0	Mortandad	Upper Mortandad
E200	Mortandad	Upper Mortandad	35-016(g)	Outfall		68.3	Mortandad	Upper Mortandad
E200	Mortandad	Upper Mortandad	35-016(h)	Storm drain		76.5	Mortandad	Upper Mortandad
E200	Mortandad	Upper Mortandad	35-016(h)	Storm drain		76.5	Mortandad	Upper Mortandad
E200	Mortandad	Upper Mortandad	42-001(a)	Incinerator (former location)	42-001(a)-99	65.8	Mortandad	Upper Mortandad
E200	Mortandad	Upper Mortandad	42-001(b)	Ash storage tank (former location)	42-001(a)-99	65.8	Mortandad	Upper Mortandad
E200	Mortandad	Upper Mortandad	42-001(c)	Ash storage tank (former location)	42-001(a)-99	65.8	Mortandad	Upper Mortandad
E200	Mortandad	Upper Mortandad	42-002(a)	Decontamination facility (former location)	42-001(a)-99	65.8	Mortandad	Upper Mortandad

Table D-1. FFCA Sites Located Upstream of LANL Watershed Gage Stations

Station ID	Station Watershed	Station Sub-Watershed	Site ID	Site Name	Consolidated Unit ID	Erosion Matrix Score	Site Watershed	Site Sub-Watershed
E200	Mortandad	Upper Mortandad	42-002(b)	Decontamination facility driveway (former location)	42-001(a)-99	65.8	Mortandad	Upper Mortandad
E200	Mortandad	Upper Mortandad	48-003	Septic system		40.7	Mortandad	Upper Mortandad
E200	Mortandad	Upper Mortandad	48-007(a)	Drains and outfalls	48-007(a)-00	55.8	Mortandad	Upper Mortandad
E200	Mortandad	Upper Mortandad	48-007(b)	Drains and outfalls		49.3	Mortandad	Upper Mortandad
E200	Mortandad	Upper Mortandad	48-007(c)	Drains and outfalls		69.5	Mortandad	Upper Mortandad
E200	Mortandad	Upper Mortandad	48-007(d)	Drains and outfalls	48-007(a)-00	55.8	Mortandad	Upper Mortandad
E200	Mortandad	Upper Mortandad	48-007(f)	Drains and outfalls		76.5	Mortandad	Upper Mortandad
E200	Mortandad	Upper Mortandad	48-010	Surface impoundment	48-007(a)-00	80.3	Mortandad	Upper Mortandad
E200	Mortandad	Upper Mortandad	50-006(d)	Effluent discharge		89.0	Mortandad	Upper Mortandad
E201	Mortandad	Middle Mortandad/Ten Site	35-008	Surface disposal and landfil	35-008-00	61.0	Mortandad	Middle Mortandad/Ten Site
E201	Mortandad	Middle Mortandad/Ten Site	35-014(e)	Oil Spill	35-008-00	61.0	Mortandad	Middle Mortandad/Ten Site
E201	Mortandad	Middle Mortandad/Ten Site	35-014(e2)	Oil Spill	35-016(i)-00	45.6	Mortandad	Middle Mortandad/Ten Site
E201	Mortandad	Middle Mortandad/Ten Site	35-016(e)	Outfall		72.0	Mortandad	Middle Mortandad/Ten Site
E201	Mortandad	Middle Mortandad/Ten Site	35-016(f)	Storm drain		76.5	Mortandad	Middle Mortandad/Ten Site
E201	Mortandad	Middle Mortandad/Ten Site	35-016(i)	Drains and outfalls	35-016(i)-00	61.0	Mortandad	Middle Mortandad/Ten Site
E201	Mortandad	Middle Mortandad/Ten Site	35-016(o)	Drains and outfalls		60.3	Mortandad	Middle Mortandad/Ten Site
E201	Mortandad	Middle Mortandad/Ten Site	35-016(p)	Outfall		60.3	Mortandad	Middle Mortandad/Ten Site
E201.3	Mortandad	Middle Mortandad/Ten Site	50-006(a)	Operational release		77.8	Mortandad	Middle Mortandad/Ten Site
E201.3	Mortandad	Middle Mortandad/Ten Site	50-009	Material disposal area (MDA C)		54.8	Mortandad	Middle Mortandad/Ten Site
E201.5	Mortandad	Middle Mortandad/Ten Site	04-001	Firing site	04-001-99	45.0	Mortandad	Middle Mortandad/Ten Site

Table D-1. FFCA Sites Located Upstream of LANL Watershed Gage Stations

Station ID	Station Watershed	Station Sub-Watershed	Site ID	Site Name	Consolidated Unit ID	Erosion Matrix Score	Site Watershed	Site Sub-Watershed
E201.5	Mortandad	Middle Mortandad/Ten Site	04-002	Surface disposal	04-001-99	51.5	Mortandad	Middle Mortandad/Ten Site
E201.5	Mortandad	Middle Mortandad/Ten Site	04-003(b)	Outfall	04-001-99	51.5	Mortandad	Middle Mortandad/Ten Site
E201.5	Mortandad	Middle Mortandad/Ten Site	35-003(d)	Wastewater treatment facility	35-003(d)-00	59.0	Mortandad	Middle Mortandad/Ten Site
E201.5	Mortandad	Middle Mortandad/Ten Site	35-003(h)	Wastewater treatment facility	35-003(a)-99	44.2	Mortandad	Middle Mortandad/Ten Site
E201.5	Mortandad	Middle Mortandad/Ten Site	35-003(l)	Wastewater treatment facility	35-003(d)-00	59.0	Mortandad	Middle Mortandad/Ten Site
E201.5	Mortandad	Middle Mortandad/Ten Site	35-003(p)	Wastewater treatment facility	35-003(a)-99	50.8	Mortandad	Middle Mortandad/Ten Site
E201.5	Mortandad	Middle Mortandad/Ten Site	35-003(q)	Wastewater treatment facility	35-003(d)-00	59.0	Mortandad	Middle Mortandad/Ten Site
E201.5	Mortandad	Middle Mortandad/Ten Site	35-003(r)	Outfall	35-003(d)-00	87.0	Mortandad	Middle Mortandad/Ten Site
E201.5	Mortandad	Middle Mortandad/Ten Site	35-004(h)	Container storage area		50.8	Mortandad	Middle Mortandad/Ten Site
E201.5	Mortandad	Middle Mortandad/Ten Site	35-016(a)	Drains and outfalls	35-016(a)-00	92.0	Mortandad	Middle Mortandad/Ten Site
E201.5	Mortandad	Middle Mortandad/Ten Site	35-016(b)	Outfall		96.0	Mortandad	Middle Mortandad/Ten Site
E201.5	Mortandad	Middle Mortandad/Ten Site	35-016(c)	Outfall	35-016(c)-00	47.2	Mortandad	Middle Mortandad/Ten Site
E201.5	Mortandad	Middle Mortandad/Ten Site	35-016(d)	Outfall	35-016(c)-00	76.5	Mortandad	Middle Mortandad/Ten Site
E201.5	Mortandad	Middle Mortandad/Ten Site	35-016(k)	Drains and outfalls	35-016(k)-00	53.0	Mortandad	Middle Mortandad/Ten Site
E201.5	Mortandad	Middle Mortandad/Ten Site	35-016(l)	Storm drain	35-016(k)-00	64.0	Mortandad	Middle Mortandad/Ten Site
E201.5	Mortandad	Middle Mortandad/Ten Site	35-016(m)	Drains and outfalls		72.0	Mortandad	Middle Mortandad/Ten Site
E201.5	Mortandad	Middle Mortandad/Ten Site	35-016(n)	Storm drain	35-014(g)-00	42.8	Mortandad	Middle Mortandad/Ten Site
E201.5	Mortandad	Middle Mortandad/Ten Site	35-016(q)	Drains and outfalls	35-016(a)-00	92.0	Mortandad	Middle Mortandad/Ten Site
E203	Mortandad	Middle Mortandad/Ten Site	05-005(a)	Former French drain	05-005(a)-00	45.0	Mortandad	Middle Mortandad/Ten Site

Table D-1. FFCA Sites Located Upstream of LANL Watershed Gage Stations

Station ID	Station Watershed	Station Sub-Watershed	Site ID	Site Name	Consolidated Unit ID	Erosion Matrix Score	Site Watershed	Site Sub-Watershed
E203	Mortandad	Middle Mortandad/Ten Site	05-006(b)	Soil contamination beneath former buildings	05-005(a)-00	45.0	Mortandad	Middle Mortandad/Ten Site
E203	Mortandad	Middle Mortandad/Ten Site	05-006(e)	Soil contamination beneath former buildings	05-005(a)-00	45.0	Mortandad	Middle Mortandad/Ten Site
E204	Mortandad	Middle Mortandad/Ten Site	05-001(a)	Former firing site	05-001(a)-99	45.0	Mortandad	Middle Mortandad/Ten Site
E204	Mortandad	Middle Mortandad/Ten Site	05-001(b)	Former firing site	05-001(a)-99	45.0	Mortandad	Middle Mortandad/Ten Site
E204	Mortandad	Middle Mortandad/Ten Site	05-006(h)	Soil contamination beneath former buildings	05-001(a)-99	45.0	Mortandad	Middle Mortandad/Ten Site
E218	Mortandad	Upper Canada del Buey	04-003(a)	Outfall	04-003(a)-00	57.3	Mortandad	Upper Canada del Buey
E218	Mortandad	Upper Canada del Buey	04-004	Soil contamination beneath buildings	04-003(a)-00	57.3	Mortandad	Upper Canada del Buey
E218	Mortandad	Upper Canada del Buey	46-004(a)	Waste line		49.0	Mortandad	Upper Canada del Buey
E218	Mortandad	Upper Canada del Buey	46-004(a2)	Outfall		49.0	Mortandad	Upper Canada del Buey
E218	Mortandad	Upper Canada del Buey	46-004(c2)	Outfall		49.0	Mortandad	Upper Canada del Buey
E218	Mortandad	Upper Canada del Buey	46-004(g)	Outfall / stack emissions	46-004(d2)-99	56.0	Mortandad	Upper Canada del Buey
E218	Mortandad	Upper Canada del Buey	46-004(h)	Outfall / stack emissions	46-004(d2)-99	56.0	Mortandad	Upper Canada del Buey
E218	Mortandad	Upper Canada del Buey	46-004(m)	Outfall		49.0	Mortandad	Upper Canada del Buey
E218	Mortandad	Upper Canada del Buey	46-004(q)	Outfall		45.0	Mortandad	Upper Canada del Buey
E218	Mortandad	Upper Canada del Buey	46-004(u)	Outfall		45.0	Mortandad	Upper Canada del Buey
E218	Mortandad	Upper Canada del Buey	46-004(v)	Outfall		45.0	Mortandad	Upper Canada del Buey
E218	Mortandad	Upper Canada del Buey	46-004(x)	Outfall		49.0	Mortandad	Upper Canada del Buey
E218	Mortandad	Upper Canada del Buey	46-004(y)	Outfall		49.0	Mortandad	Upper Canada del Buey

Table D-1. FFCA Sites Located Upstream of LANL Watershed Gage Stations

Station ID	Station Watershed	Station Sub-Watershed	Site ID	Site Name	Consolidated Unit ID	Erosion Matrix Score	Site Watershed	Site Sub-Watershed
E218	Mortandad	Upper Canada del Buey	46-004(z)	Outfall		49.0	Mortandad	Upper Canada del Buey
E218	Mortandad	Upper Canada del Buey	46-006(d)	Operational release		49.0	Mortandad	Upper Canada del Buey
E218	Mortandad	Upper Canada del Buey	46-006(d)	Operational release		49.0	Mortandad	Upper Canada del Buey
E218	Mortandad	Upper Canada del Buey	46-006(d)	Operational release		49.0	Mortandad	Upper Canada del Buey
E225	Mortandad	Lower Canada del Buey	46-002	Surface impoundment		52.8	Mortandad	Upper Canada del Buey
E225	Mortandad	Lower Canada del Buey	46-003(a)	Septic system		44.7	Mortandad	Upper Canada del Buey
E225	Mortandad	Lower Canada del Buey	46-003(b)	Septic system		55.5	Mortandad	Upper Canada del Buey
E225	Mortandad	Lower Canada del Buey	46-003(e)	Septic system		50.8	Mortandad	Upper Canada del Buey
E225	Mortandad	Lower Canada del Buey	46-004(d2)	Stack emissions	46-004(d2)-99	56.0	Mortandad	Upper Canada del Buey
E225	Mortandad	Lower Canada del Buey	46-004(s)	Outfall		49.0	Mortandad	Upper Canada del Buey
E225	Mortandad	Lower Canada del Buey	46-004(t)	Outfall		68.3	Mortandad	Upper Canada del Buey
E225	Mortandad	Lower Canada del Buey	46-005	Surface impoundment		52.8	Mortandad	Upper Canada del Buey
E225	Mortandad	Lower Canada del Buey	46-008(g)	Storage area		68.3	Mortandad	Upper Canada del Buey
E225	Mortandad	Lower Canada del Buey	46-009(a)	Surface disposal		57.0	Mortandad	Upper Canada del Buey
E225	Mortandad	Lower Canada del Buey	46-009(b)	Surface disposal		70.0	Mortandad	Upper Canada del Buey
E225	Mortandad	Lower Canada del Buey	C-46-001	One-time spill		68.3	Mortandad	Upper Canada del Buey
E227	Mortandad	Lower Canada del Buey	54-017	Material disposal area (MDA G) disposal pits 16, 22 (active before 11/19/80)	54-013(b)-99	62.0	Mortandad	Lower Canada del Buey

Table D-1. FFCA Sites Located Upstream of LANL Watershed Gage Stations

Station ID	Station Watershed	Station Sub-Watershed	Site ID	Site Name	Consolidated Unit ID	Erosion Matrix Score	Site Watershed	Site Sub-Watershed
E227	Mortandad	Lower Canada del Buey	54-018	Material disposal area (MDA G) disposal pits 27-33,35-37 (active after 11/19/80)	54-013(b)-99	52.6	Mortandad	Lower Canada del Buey
E227	Mortandad	Lower Canada del Buey	54-020	Material disposal area (MDA G) disposal shafts (active after 11/19/80)	54-013(b)-99	53.7	Mortandad	Lower Canada del Buey
E242	Pajarito	Upper Pajarito	08-005	Container storage area		51.0	Pajarito	Upper Pajarito
E242	Pajarito	Upper Pajarito	08-006(a)	Material disposal area (MDA Q)		55.5	Pajarito	Upper Pajarito
E242	Pajarito	Upper Pajarito	08-009(d)	Industrial or sanitary wastewater treatment		40.2	Pajarito	Upper Pajarito
E242	Pajarito	Upper Pajarito	08-009(f)	Outfall		42.0	Pajarito	Upper Pajarito
E242	Pajarito	Upper Pajarito	09-005(a)	Septic system	09-008(b)-99	51.0	Pajarito	Upper Pajarito
E242	Pajarito	Upper Pajarito	09-013	Material disposal area (MDA M)		56.0	Pajarito	Upper Pajarito
E242	Pajarito	Upper Pajarito	09-013	Material disposal area (MDA M)		56.0	Pajarito	Upper Pajarito
E242.5	Pajarito	Upper Pajarito	09-004(o)	Settling tank		43.8	Pajarito	Upper Pajarito
E242.5	Pajarito	Upper Pajarito	09-009	Surface impoundment		58.8	Pajarito	Upper Pajarito
E243	Pajarito	Upper Pajarito	09-004(g)	Settling tank		61.8	Pajarito	Upper Pajarito
E243	Pajarito	Upper Pajarito	09-005(g)	Septic tank		51.0	Pajarito	Upper Pajarito
E243	Pajarito	Upper Pajarito	22-015(c)	Outfall		51.5	Pajarito	Upper Pajarito

Table D-1. FFCA Sites Located Upstream of LANL Watershed Gage Stations

Station ID	Station Watershed	Station Sub-Watershed	Site ID	Site Name	Consolidated Unit ID	Erosion Matrix Score	Site Watershed	Site Sub-Watershed
E243	Pajarito	Upper Pajarito	40-003(a)	Scrap burn site - completed RCRA closure		46.3	Pajarito	Upper Pajarito
E243	Pajarito	Upper Pajarito	40-003(b)	Burning area/open detonation (closure)		46.3	Pajarito	Upper Pajarito
E243	Pajarito	Upper Pajarito	40-006(a)	Firing site (active)		56.2	Pajarito	Upper Pajarito
E243	Pajarito	Upper Pajarito	40-006(b)	Firing site (active)		62.0	Pajarito	Upper Pajarito
E243	Pajarito	Upper Pajarito	40-006(c)	Firing site (active)		62.0	Pajarito	Upper Pajarito
E243	Pajarito	Upper Pajarito	40-009	Landfill		54.5	Pajarito	Upper Pajarito
E243	Pajarito	Upper Pajarito	40-010	Surface disposal site		40.2	Pajarito	Upper Pajarito
E244	Pajarito	Twomile	03-009(d)	Surface disposal site		42.8	Pajarito	Twomile
E244	Pajarito	Twomile	03-010(a)	Vacuum repair shop (former location)-systematic release site		69.0	Pajarito	Twomile
E244	Pajarito	Twomile	03-054(b)	Outfall	03-052(a)-00	65.8	Pajarito	Twomile
E244	Pajarito	Twomile	03-055(a)	Outfall		61.0	Pajarito	Twomile
E244	Pajarito	Twomile	06-007(g)	Building and surface disposal		50.8	Pajarito	Twomile
E244	Pajarito	Twomile	07-001(b)	Firing site (inactive)	07-001(a)-99	55.5	Pajarito	Twomile
E244	Pajarito	Twomile	07-001(c)	Firing site (inactive)	07-001(a)-99	46.7	Pajarito	Twomile
E244	Pajarito	Twomile	07-001(d)	Firing site (inactive)	07-001(a)-99	55.5	Pajarito	Twomile
E244	Pajarito	Twomile	22-014(b)	Sump		56.0	Pajarito	Twomile
E246	Pajarito	Threemile	15-006(c)	Firing site R-44 (inactive)	15-006(c)-99	64.5	Pajarito	Threemile
E246	Pajarito	Threemile	15-008(b)	Surface disposal	15-006(c)-99	67.2	Pajarito	Threemile

Table D-1. FFCA Sites Located Upstream of LANL Watershed Gage Stations

Station ID	Station Watershed	Station Sub-Watershed	Site ID	Site Name	Consolidated Unit ID	Erosion Matrix Score	Site Watershed	Site Sub-Watershed
E246	Pajarito	Threemile	15-009(c)	Septic tank		71.5	Pajarito	Threemile
E246	Pajarito	Threemile	36-008	NEW SWMU - Surface disposal area located near TA-36-1		52.0	Pajarito	Threemile
E246	Pajarito	Threemile	C-36-003	Storm drainages		52.0	Pajarito	Threemile
E248	Pajarito	Lower Pajarito	54-018	Material disposal area (MDA G) disposal pits 27-33,35-37 (active after 11/19/80)	54-013(b)-99	52.6	Pajarito	Lower Pajarito
E248.5	Pajarito	Lower Pajarito	54-017	Material disposal area (MDA G) disposal pits 16, 22 (active before 11/19/80)	54-013(b)-99	62.0	Pajarito	Lower Pajarito
E248.5	Pajarito	Lower Pajarito	54-020	Material disposal area (MDA G) disposal shafts (active after 11/19/80)	54-013(b)-99	53.7	Pajarito	Lower Pajarito
E249	Pajarito	Lower Pajarito	54-014(d)	Material disposal area (MDA G) storage trenches A, B, C, D	54-013(b)-99	66.5	Pajarito	Lower Pajarito
E249	Pajarito	Lower Pajarito	54-017	Material disposal area (MDA G) disposal pits 16, 22 (active before 11/19/80)	54-013(b)-99	62.0	Pajarito	Lower Pajarito

Table D-1. FFCA Sites Located Upstream of LANL Watershed Gage Stations

Station ID	Station Watershed	Station Sub-Watershed	Site ID	Site Name	Consolidated Unit ID	Erosion Matrix Score	Site Watershed	Site Sub-Watershed
E249	Pajarito	Lower Pajarito	54-020	Material disposal area (MDA G) disposal shafts (active after 11/19/80)	54-013(b)-99	53.7	Pajarito	Lower Pajarito
E249.5	Pajarito	Lower Pajarito	54-017	Material disposal area (MDA G) disposal pits 16, 22 (active before 11/19/80)	54-013(b)-99	62.0	Pajarito	Lower Pajarito
E249.5	Pajarito	Lower Pajarito	54-020	Material disposal area (MDA G) disposal shafts (active after 11/19/80)	54-013(b)-99	53.7	Pajarito	Lower Pajarito
E250	Pajarito	Lower Pajarito	18-003(c)	Septic system		62.3	Pajarito	Lower Pajarito
E250	Pajarito	Lower Pajarito	18-010(d)	Outfall		46.2	Pajarito	Lower Pajarito
E250	Pajarito	Lower Pajarito	18-010(f)	Outfall		62.3	Pajarito	Lower Pajarito
E250	Pajarito	Lower Pajarito	18-012(a)	Outfall		59.2	Pajarito	Lower Pajarito
E250	Pajarito	Lower Pajarito	18-012(b)	Outfall	18-001(c)-00	46.6	Pajarito	Lower Pajarito
E250	Pajarito	Lower Pajarito	54-004	Material disposal area (MDA H)		45.6	Pajarito	Upper Pajarito
E256	Water/Canon de Valle	Canon de Valle	16-001(a)	Tank	16-001(a)-99	67.0	Water/Canon de Valle	Canon de Valle
E256	Water/Canon de Valle	Canon de Valle	16-001(b)	Dry wells	16-001(a)-99	45.0	Water/Canon de Valle	Canon de Valle
E256	Water/Canon de Valle	Canon de Valle	16-001(c)	Tank	16-001(a)-99	45.0	Water/Canon de Valle	Canon de Valle
E256	Water/Canon de Valle	Canon de Valle	16-010(b)	Flash pad; RCRA unit (undergoing closure)		55.5	Water/Canon de Valle	Canon de Valle
E256	Water/Canon de Valle	Canon de Valle	16-016(c)	Landfill	16-016(c)-99	72.0	Water/Canon de Valle	Canon de Valle

Table D-1. FFCA Sites Located Upstream of LANL Watershed Gage Stations

Station ID	Station Watershed	Station Sub-Watershed	Site ID	Site Name	Consolidated Unit ID	Erosion Matrix Score	Site Watershed	Site Sub-Watershed
E256	Water/Canon de Valle	Canon de Valle	16-016(d)	Surface disposal site		44.5	Water/Canon de Valle	Canon de Valle
E256	Water/Canon de Valle	Canon de Valle	16-018	Material disposal area (MDA P); RCRA unit (currently undergoing RCRA closure)		69.3	Water/Canon de Valle	Canon de Valle
E256	Water/Canon de Valle	Canon de Valle	16-019	Material disposal area (MDA R)		82.5	Water/Canon de Valle	Canon de Valle
E256	Water/Canon de Valle	Canon de Valle	16-020	Silver recovery unit		61.3	Water/Canon de Valle	Canon de Valle
E256	Water/Canon de Valle	Canon de Valle	16-021(c)	Industrial or sanitary wastewater treatment at 16-260	16-021(c)-99	73.3	Water/Canon de Valle	Canon de Valle
E256	Water/Canon de Valle	Canon de Valle	16-026(j)	Outfall, 16-226		40.2	Water/Canon de Valle	Canon de Valle
E256	Water/Canon de Valle	Canon de Valle	16-029(s)	Sump	16-008(a)-99	45.5	Water/Canon de Valle	Canon de Valle
E256	Water/Canon de Valle	Canon de Valle	16-029(t)	Sump	16-008(a)-99	41.5	Water/Canon de Valle	Canon de Valle
E257	Water/Canon de Valle	Canon de Valle	16-010(c)	Burn site 16-388 - RCRA Unit (active)		47.2	Water/Canon de Valle	Canon de Valle
E257	Water/Canon de Valle	Canon de Valle	16-010(d)	Burn site 16-399 - RCRA unit (active)		50.3	Water/Canon de Valle	Canon de Valle
E257	Water/Canon de Valle	Canon de Valle	16-028(a)	South drainage channel		51.5	Water/Canon de Valle	Canon de Valle
E260	Water/Canon de Valle	Upper Water	11-001(c)	Firing site (inactive)		56.2	Water/Canon de Valle	Upper Water
E260	Water/Canon de Valle	Upper Water	16-001(d)	Dry well		45.6	Water/Canon de Valle	Upper Water
E260	Water/Canon de Valle	Upper Water	16-003(a)	Sump		55.5	Water/Canon de Valle	Upper Water
E260	Water/Canon de Valle	Upper Water	16-006(c)	Septic system	16-006(c)-00	49.5	Water/Canon de Valle	Upper Water
E260	Water/Canon de Valle	S-Site (Martin)	16-006(g)	Septic tank	16-029(x)-99	46.0	Water/Canon de Valle	S-Site (Martin)
E260	Water/Canon de Valle	Upper Water	16-016(g)	Surface disposal site		46.1	Water/Canon de Valle	Upper Water

Table D-1. FFCA Sites Located Upstream of LANL Watershed Gage Stations

Station ID	Station Watershed	Station Sub-Watershed	Site ID	Site Name	Consolidated Unit ID	Erosion Matrix Score	Site Watershed	Site Sub-Watershed
E260	Water/Canon de Valle	Upper Water	16-026(a)	Outfall	16-006(c)-00	73.5	Water/Canon de Valle	Upper Water
E260	Water/Canon de Valle	Upper Water	16-026(c2)	Outfall, 16-462		61.8	Water/Canon de Valle	Upper Water
E260	Water/Canon de Valle	Upper Water	16-026(h2)	Outfall, 16-360	16-029(e)-99	61.0	Water/Canon de Valle	Upper Water
E260	Water/Canon de Valle	Upper Water	16-026(v)	Outfall	16-003(c)-99	65.8	Water/Canon de Valle	Upper Water
E260	Water/Canon de Valle	Upper Water	16-028(b)	Industrial or sanitary wastewater treatment, 16-370		83.0	Water/Canon de Valle	Upper Water
E260	Water/Canon de Valle	Upper Water	16-028(e)	Industrial or sanitary wastewater treatment	16-029(g)-99	47.2	Water/Canon de Valle	Upper Water
E260	Water/Canon de Valle	Upper Water	16-030(g)	Outfall	16-003(m)-99	71.0	Water/Canon de Valle	Upper Water
E261	Water/Canon de Valle	S-Site (Martin)	11-003(b)	Air gun		55.5	Water/Canon de Valle	S-Site (Martin)
E261	Water/Canon de Valle	S-Site (Martin)	11-004(a)	Drop tower - firing site (active)	11-004(a)-99	56.0	Water/Canon de Valle	S-Site (Martin)
E261	Water/Canon de Valle	S-Site (Martin)	11-004(a)	Drop tower - firing site (active)	11-004(a)-99	56.0	Water/Canon de Valle	S-Site (Martin)
E261	Water/Canon de Valle	S-Site (Martin)	11-004(b)	Drop tower - firing site (active)	11-004(a)-99	56.0	Water/Canon de Valle	S-Site (Martin)
E261	Water/Canon de Valle	S-Site (Martin)	11-004(b)	Drop tower - firing site (active)	11-004(a)-99	56.0	Water/Canon de Valle	S-Site (Martin)
E261	Water/Canon de Valle	S-Site (Martin)	11-004(c)	Drop tower - firing site (active)	11-004(a)-99	56.0	Water/Canon de Valle	S-Site (Martin)
E261	Water/Canon de Valle	S-Site (Martin)	11-004(c)	Drop tower - firing site (active)	11-004(a)-99	56.0	Water/Canon de Valle	S-Site (Martin)
E261	Water/Canon de Valle	S-Site (Martin)	11-004(d)	Drop tower - firing site (active)	11-004(a)-99	56.0	Water/Canon de Valle	S-Site (Martin)
E261	Water/Canon de Valle	S-Site (Martin)	11-004(d)	Drop tower - firing site (active)	11-004(a)-99	56.0	Water/Canon de Valle	S-Site (Martin)
E261	Water/Canon de Valle	S-Site (Martin)	11-004(e)	Drop tower - firing site (active)	11-004(a)-99	56.0	Water/Canon de Valle	S-Site (Martin)

Table D-1. FFCA Sites Located Upstream of LANL Watershed Gage Stations

Station ID	Station Watershed	Station Sub-Watershed	Site ID	Site Name	Consolidated Unit ID	Erosion Matrix Score	Site Watershed	Site Sub-Watershed
E261	Water/Canon de Valle	S-Site (Martin)	11-004(e)	Drop tower - firing site (active)	11-004(a)-99	56.0	Water/Canon de Valle	S-Site (Martin)
E261	Water/Canon de Valle	S-Site (Martin)	11-004(f)	Drop tower - firing site (active)	11-004(a)-99	56.0	Water/Canon de Valle	S-Site (Martin)
E261	Water/Canon de Valle	S-Site (Martin)	11-004(f)	Drop tower - firing site (active)	11-004(a)-99	56.0	Water/Canon de Valle	S-Site (Martin)
E261	Water/Canon de Valle	S-Site (Martin)	11-005(c)	Outfall (inactive)		59.0	Water/Canon de Valle	S-Site (Martin)
E261	Water/Canon de Valle	S-Site (Martin)	11-006(b)	Tank and/or associated equipment	11-006(a)-99	52.0	Water/Canon de Valle	S-Site (Martin)
E261	Water/Canon de Valle	S-Site (Martin)	11-006(c)	Tank and/or associated equipment	11-006(a)-99	68.8	Water/Canon de Valle	S-Site (Martin)
E261	Water/Canon de Valle	S-Site (Martin)	11-006(d)	Tank and/or associated equipment	11-006(a)-99	74.0	Water/Canon de Valle	S-Site (Martin)
E261	Water/Canon de Valle	S-Site (Martin)	16-003(f)	Sump	16-003(d)-99	56.0	Water/Canon de Valle	S-Site (Martin)
E261	Water/Canon de Valle	S-Site (Martin)	16-026(z)	Outfall		49.6	Water/Canon de Valle	S-Site (Martin)
E262	Water/Canon de Valle	Canon de Valle	14-001(g)	Firing site - Open Burn/Open Detonation (active)		53.3	Water/Canon de Valle	Canon de Valle
E262	Water/Canon de Valle	Canon de Valle	14-002(a)	Firing site (inactive)	14-002(a)-99	46.3	Water/Canon de Valle	Canon de Valle
E262	Water/Canon de Valle	Canon de Valle	14-002(d)	Firing site (inactive)	14-002(c)-99	40.8	Water/Canon de Valle	Canon de Valle
E262	Water/Canon de Valle	Canon de Valle	14-002(e)	Firing site (inactive)	14-002(c)-99	47.8	Water/Canon de Valle	Canon de Valle
E262	Water/Canon de Valle	Canon de Valle	14-005	Incinerator (active)		57.3	Water/Canon de Valle	Canon de Valle
E262	Water/Canon de Valle	Canon de Valle	14-006	Tank and/or associated equipment		47.1	Water/Canon de Valle	Canon de Valle
E262	Water/Canon de Valle	Canon de Valle	14-009	Surface disposal site	14-002(a)-99	53.7	Water/Canon de Valle	Canon de Valle

Table D-1. FFCA Sites Located Upstream of LANL Watershed Gage Stations

Station ID	Station Watershed	Station Sub-Watershed	Site ID	Site Name	Consolidated Unit ID	Erosion Matrix Score	Site Watershed	Site Sub-Watershed
E262	Water/Canon de Valle	Canon de Valle	14-010	Sump	14-002(a)-99	51.5	Water/Canon de Valle	Canon de Valle
E262	Water/Canon de Valle	Canon de Valle	15-007(b)	Material disposal area (MDA Z) landfill		40.2	Water/Canon de Valle	Canon de Valle
E262	Water/Canon de Valle	Canon de Valle	15-008(d)	Surface disposal		69.0	Water/Canon de Valle	Canon de Valle
E262	Water/Canon de Valle	Canon de Valle	15-011(b)	Dry well	15-009(a)-00	87.0	Water/Canon de Valle	Canon de Valle
E262	Water/Canon de Valle	Canon de Valle	15-011(c)	Sump	15-009(a)-00	87.0	Water/Canon de Valle	Canon de Valle
E262	Water/Canon de Valle	Canon de Valle	15-014(g)	Industrial or sanitary wastewater treatment		55.5	Water/Canon de Valle	Canon de Valle
E262	Water/Canon de Valle	Canon de Valle	15-014(j)	Outfall	15-009(a)-00	61.3	Water/Canon de Valle	Canon de Valle
E262	Water/Canon de Valle	Canon de Valle	C-15-007	Non-intentional release		51.5	Water/Canon de Valle	Canon de Valle
E262.5	Water/Canon de Valle	Lower Water/Indio	15-010(c)	Drainline		51.5	Water/Canon de Valle	Lower Water/Indio
E262.5	Water/Canon de Valle	Lower Water/Indio	49-001(a)	Material disposal area (MDA AB) (experimental shafts)	49-001(a)-00	54.8	Water/Canon de Valle	Lower Water/Indio
E262.5	Water/Canon de Valle	Lower Water/Indio	49-001(g)	Material disposal area (MDA AB) (miscellaneous)	49-001(a)-00	59.2	Water/Canon de Valle	Lower Water/Indio
E262.5	Water/Canon de Valle	Lower Water/Indio	49-005(a)	Landfill (east of Area 10)		73.5	Water/Canon de Valle	Lower Water/Indio
E266	Water/Canon de Valle	Potrillo/Fence	15-008(a)	Surface disposal E/F Site	15-004(f)-99	72.0	Water/Canon de Valle	Potrillo/Fence
E266	Water/Canon de Valle	Potrillo/Fence	15-008(f)	I-J Firing Site mounds at TA-36 (active)		57.3	Water/Canon de Valle	Potrillo/Fence
E266	Water/Canon de Valle	Potrillo/Fence	15-009(e)	Septic system, E/F Site		44.7	Water/Canon de Valle	Potrillo/Fence

Table D-1. FFCA Sites Located Upstream of LANL Watershed Gage Stations

Station ID	Station Watershed	Station Sub-Watershed	Site ID	Site Name	Consolidated Unit ID	Erosion Matrix Score	Site Watershed	Site Sub-Watershed
E266	Water/Canon de Valle	Potrillo/Fence	36-003(b)	Septic system, I-J Site		50.2	Water/Canon de Valle	Potrillo/Fence
E266	Water/Canon de Valle	Potrillo/Fence	36-004(a)	Firing site (active)	36-006-99	48.5	Water/Canon de Valle	Potrillo/Fence
E266	Water/Canon de Valle	Potrillo/Fence	36-004(b)	Firing site (active)		57.3	Water/Canon de Valle	Potrillo/Fence
E266	Water/Canon de Valle	Potrillo/Fence	36-004(e)	I-J Firing Site (active)		57.3	Water/Canon de Valle	Potrillo/Fence
E266	Water/Canon de Valle	Potrillo/Fence	36-006	Surface disposal site	36-006-99	78.0	Water/Canon de Valle	Potrillo/Fence
E266	Water/Canon de Valle	Potrillo/Fence	C-15-004	Transformers - PCB only site		43.9	Water/Canon de Valle	Potrillo/Fence
E266	Water/Canon de Valle	Potrillo/Fence	C-36-001	Containment vessel		57.3	Water/Canon de Valle	Potrillo/Fence
E267	Water/Canon de Valle	Potrillo/Fence	36-001	Material disposal area (MDA AA)		45.7	Water/Canon de Valle	Potrillo/Fence
E267.5	Water/Canon de Valle	Potrillo/Fence	36-004(c)	Firing site - open detonation (active)		68.3	Water/Canon de Valle	Potrillo/Fence
E267.5	Water/Canon de Valle	Potrillo/Fence	36-005	Surface disposal site		45.4	Water/Canon de Valle	Potrillo/Fence
E274	Ancho	North Ancho	39-004(a)	Firing site		74.0	Ancho	North Ancho
E274	Ancho	North Ancho	39-004(b)	Firing site		74.5	Ancho	North Ancho
E274	Ancho	North Ancho	39-004(c)	Firing site 39-6 (open detonation) - RCRA Unit (active)		74.5	Ancho	North Ancho
E274	Ancho	North Ancho	39-004(d)	Firing site 39-57 (open detonation) - RCRA Unit (active)		74.0	Ancho	North Ancho
E274	Ancho	North Ancho	39-004(e)	Firing site (active)		78.5	Ancho	North Ancho
E338	Chaquehui	Chaquehui	33-004(d)	Septic system		56.0	Chaquehui	Chaquehui
E338	Chaquehui	Chaquehui	33-004(j)	Outfall	33-004(j)-00	85.0	Chaquehui	Chaquehui
E338	Chaquehui	Chaquehui	33-005(a)	Septic system	33-005(a)-00	49.0	Chaquehui	Chaquehui

Table D-1. FFCA Sites Located Upstream of LANL Watershed Gage Stations

Station ID	Station Watershed	Station Sub-Watershed	Site ID	Site Name	Consolidated Unit ID	Erosion Matrix Score	Site Watershed	Site Sub-Watershed
E338	Chaquehui	Chaquehui	33-005(b)	Septic system	33-005(a)-00	49.0	Chaquehui	Chaquehui
E338	Chaquehui	Chaquehui	33-005(c)	Septic system	33-005(a)-00	49.0	Chaquehui	Chaquehui
E338	Chaquehui	Chaquehui	33-006(a)	Firing site (inactive)	33-004(j)-00	56.0	Chaquehui	Chaquehui
E338	Chaquehui	Chaquehui	33-007(b)	Firing range (inactive)	33-004(j)-00	59.3	Chaquehui	Chaquehui
E338	Chaquehui	Chaquehui	33-007(b)	Firing range (inactive)	33-004(j)-00	59.3	Chaquehui	Chaquehui
E338	Chaquehui	Chaquehui	33-010(c)	Surface disposal	33-004(j)-00	60.5	Chaquehui	Chaquehui
E338	Chaquehui	Chaquehui	33-010(g)	Surface disposal		47.8	Chaquehui	Chaquehui
E338	Chaquehui	Chaquehui	33-010(g)	Surface disposal		47.8	Chaquehui	Chaquehui
E338	Chaquehui	Chaquehui	33-016	Sump		54.5	Chaquehui	Chaquehui
E338	Chaquehui	Chaquehui	C-33-001	Transformer		56.0	Chaquehui	Chaquehui
E338	Chaquehui	Chaquehui	C-33-003	Soil contamination area		59.0	Chaquehui	Chaquehui
E338	Chaquehui	Chaquehui	C-33-003	Soil contamination area		59.0	Chaquehui	Chaquehui
E340	Chaquehui	Chaquehui	33-004(h)	Outfall	33-004(a)-00	56.6	Chaquehui	Chaquehui
E340	Chaquehui	Chaquehui	33-008(c)	Landfill		56.0	Chaquehui	Chaquehui
E340	Chaquehui	Chaquehui	33-010(f)	Surface disposal	33-002(a)-99	47.2	Chaquehui	Chaquehui
E340	Chaquehui	Chaquehui	33-015	Incinerator	33-004(a)-00	50.8	Chaquehui	Chaquehui
na	Site drains to the Rio Grande.		05-001(c)	Former firing site		73.5	Mortandad	Lower Mortandad/Cedro
na	Site drains to the Rio Grande.		05-004	Former septic system		49.7	Mortandad	Lower Mortandad/Cedro
na	Site drains to the Rio Grande.		05-005(b)	Outfall	05-005(b)-00	53.7	Mortandad	Lower Mortandad/Cedro

Table D-1. FFCA Sites Located Upstream of LANL Watershed Gage Stations

Station ID	Station Watershed	Station Sub-Watershed	Site ID	Site Name	Consolidated Unit ID	Erosion Matrix Score	Site Watershed	Site Sub-Watershed
na	Site drains to the Rio Grande.		05-006(c)	Soil contamination beneath former buildings	05-005(b)-00	53.7	Mortandad	Lower Mortandad/Cedro
na	Site drains to the Rio Grande.		33-010(a)	Surface disposal	33-006(b)-00	53.2	Ancho	South Ancho
na	Site drains to the Rio Grande.		33-010(b)	Surface disposal		45.0	Ancho	South Ancho
na	Site drains to the Rio Grande.		33-010(d)	Surface disposal		45.0	Ancho	South Ancho
na	Site drains to the Rio Grande.		33-011(b)	Storage area		49.0	Chaquehui	Chaquehui
na	Site is self-contained.		61-007	Transformer site - systematic leak - PCB only site		43.8	Los Alamos/Pueblo	Upper Los Alamos

APPENDIX E

Analytical Requirements for Storm Water Runoff Samples

Table E-1. Analyte List, Analytical Methods and Procedures, and Method Detection Limits for Inorganic Suites

Analyte	Analytical Method	Analytical Procedure (1)	MDL (µg/L)	MQL (µg/L) (2)	Volume Required for Analysis (ml) (3)		Shipping Container (4)	Preservative	Holding Time
					Without QC	With QC			
TAL Metals (5)									
Ag*	ICPMS	EPA 200.8	1	2	200 (each for filtered and unfiltered)	300 (each for filtered and unfiltered)	1-L PE	HNO_3 to pH < 2	180 days
Cd*			1	1					
Ni			5	5					
Pb*			2	5					
Sb			1	60					
Se*			3	5					
Tl			1	10					
Al*	ICPES	EPA 200.7	50	100					
As*			1	10					
Ba			20	100					
Be			5	5					
Ca			10	--					
Co			5	50					
Cr			5	10					
Cu			5	10					
Fe*			50	--					
K			--	--					
Mg*			30	--					
Mn			10	--					
Mo			10	--					
Na			29	--					
V			5	50					
Zn			20	20					

Table E-1. Analyte List, Analytical Methods and Procedures, and Method Detection Limits for Inorganic Suites

Analyte	Analytical Method	Analytical Procedure (1)	MDL (µg/L)	MQL (µg/L) (2)	Volume Required for Analysis (ml) (3)		Shipping Container (4)	Preservative	Holding Time
					Without QC	With QC			
Hg*	CVAA	EPA 245.1	0.2	0.2	100	150	1 L Amber Glass	HNO_3 to pH < 2	28 days
General Inorganics									
ClO_4 (6)	IC	EPA: 314.0	4	--	100	150	1-L PE	None	28 days
	LC/TS-MS	SW-846 8321 (modified)	1	--					
CN (total)*	Colorimetry	EPA:335.3	20	20	100	150	1-L PE	NaOH to pH> 12 Cool to 4 °C	14 days
CN (weak acid dissociable)	Colorimetry	ASTM D 2036	20	20	100	150	1-L PE	NaOH to pH> 12 Cool to 4 °C	14 days
COD*	Colorimetry	EPA: 410.4	5,000	--	100	150	1-L PE	H_2S0_4 to pH<2 Cool to 4 °C	28 days
NH_3-N*	Colorimetry	EPA:350.1	100	--	100	150			
DOC	Combustion or Oxidation	EPA:415.1	0.025 mg/L	0.2 mg/L	50	150	250-mL G (Amber)	H_2S0_4 to pH<2 Cool to 4 °C	28 days
SSC (7)	Gravimetric	EPA 160.2 (modified)	3,000	--	300	300	1-L PE	Cool to 4 °C	--
Alkalinity	Titrimetric	EPA:310.1	0.725 mg/L	1 mg/L	50	150	1-L PE	Cool to 4 °C	14 days
Hardness (as mg $CaCO_3$/L)	Calculation (8)	SM 18th Ed. 2340 B	10,000	--	--	--	--	--	--

* MSGP Benchmark analyte(s)

ClO_4 = perchlorate anion
CN = cyanide
COD = chemical oxygen demand
CVAA = cold vapor atomic absorption [spectrometry]
EPA = Environmental Protection Agency
IC = ion chromatography
ICPES = inductively coupled plasma - emission spectrometry
ICPMS = inductively coupled plasma - mass spectrometry
L = Liter
LC = Liquid chromatography
MDL = method detection limit
µg/l = microgram per liter
ml = milliliter
MQL = minimum quantification level
NH3-N = ammonia [reported as nitrogen]
NO2 + NO3 - N = nitrite plus nitrate [reported as nitrogen]
PE = polyethylene
QC = quality control
SSC = suspended sediment concentration
TAL = target analyte list
TS-MS = thermospray mass spectrometry
TSS = total suspended solids

Table E-1 Notes:

1. *Methods for the Determination of Metals in Environmental Samples, Supplement I,* EPA-600/R-94-111, May 1994; *Methods for the Determination of Inorganic Substances in Environmental Samples*, EPA-600/R-93-100, August 1993; *Methods for Chemical Analysis of Water and Wastes*, EPA-600-4-79-020, March 1983; *Test Methods for Evaluating Solid Wastes -Physical/Chemical Methods, Third Edition,* EPA SW-846, Method 8321, Revision 1 (December 1996); *Perchlorate in Drinking Water using Ion Chromatography*, EPA-815/R-00-014. (November 1999)
2. Minimum quantification levels are taken from NPDES Permit No. NM0028355.
3. Total required volume for analysis, either not including volume required for laboratory QC samples (“without QC”), or including volume required for laboratory QC samples (“with QC”).
4. Containers required for analysis without laboratory QC samples are identified first; then additional containers for analysis with laboratory QC samples are identified, as necessary, if there is sufficient volume.
5. TAL metals – with the exception of mercury – are analyzed for both dissolved (filtered) and total recoverable (unfiltered) concentrations. Mercury is analyzed for only the total (unfiltered) concentration. Samples undergoing analysis for dissolved concentrations will be filtered through a 0.45 micron filter and acid preserved prior to shipment to the laboratory. Samples undergoing analysis for total recoverable concentrations are unfiltered and are acid preserved prior to shipment to the laboratory.
6. Perchlorate anion (ClO_4) is analyzed by two methods: ion chromatography (EPA 314:0); and liquid chromatography thermospray mass spectrometry (SW-846 8321). The LC/TS-MS method has not been approved by the EPA for perchlorate analysis; however, the method provides a lower detection limit than the EPA-approved ion chromatography method.
7. SSC is determined by filtration of the entire sample - with no sub-sampling - through a 45-micron filter, and subsequently determining the weight of retained sediment.
8. Hardness is calculated from the concentrations of Ca and Mg measured by ICPES. Additional sample volume is not required if TAL metals is being submitted.

Table E-2. Analyte List, Analytical Method, and Estimated Quantitation Limits for Organic Suites

Analyte	CAS No.	Analysis Method	Procedure (1)	EQL	
Dioxins/Furans					
Tetrachlorodibenzofuran[2,3,7,8-]	51207-31-9	HRGC/HRMS	EPA: 1613 B (1)	10	pg/L
Tetrachlorodibenzodioxin[2,3,7,8-]	1746-01-6			10	pg/L
Pentachlorodibenzofuran[1,2,3,7,8-]	57117-41-6			50	pg/L
Pentachlorodibenzofuran[2,3,4,7,8-]	57117-31-4			50	pg/L
Pentachlorodibenzodioxin[1,2,3,7,8-]	40321-76-4			50	pg/L
Hexachlorodibenzofuran[1,2,3,4,7,8-]	70648-26-9			50	pg/L
Hexachlorodibenzofuran[1,2,3,6,7,8-]	57117-44-9			50	pg/L
Hexachlorodibenzofuran[1,2,3,7,8,9-]	72918-21-9			50	pg/L
Hexachlorodibenzofuran[2,3,4,6,7,8-]	60851-34-5			50	pg/L
Hexachlorodibenzodioxin[1,2,3,4,7,8-]	39227-28-6			50	pg/L
Hexachlorodibenzodioxin[1,2,3,6,7,8-]	57653-85-7			50	pg/L
Hexachlorodibenzodioxin[1,2,3,7,8,9-]	19408-74-3			50	pg/L
Heptachlorodibenzofuran[1,2,3,4,6,7,8-]	67562-39-4			50	pg/L
Heptachlorodibenzofuran[1,2,3,4,7,8,9-]	55673-89-7			50	pg/L
Heptachlorodibenzodioxin[1,2,3,4,6,7,8-]	35822-46-9			50	pg/L
Octachlorodibenzofuran[1,2,3,4,6,7,8,9-]	39001-02-0			100	pg/L
Octachlorodibenzodioxin[1,2,3,4,6,7,8,9-]	3268-87-9			100	pg/L
High Explosives					
Amino-2,6-dinitrotoluene [4-]	1946-51-0	HPLC	SW-846:8330 (2)	0.5	µg/L
Amino-4,6-dinitrotoluene [2-]	35572-78-2			0.5	µg/L
Dinitrobenzene [1,3-]	99-65-0			0.5	µg/L
Dinitrotoluene [2,4-]	121-14-2			0.5	µg/L
Dinitrotoluene [2,6-]	606-20-2			0.5	µg/L
HMX	2691-41-0			2.2	µg/L
Nitrobenzene	98-95-3			0.5	µg/L
Nitrotoluene [2-]	88-72-2			0.5	µg/L
Nitrotoluene [3-]	99-08-01			0.5	µg/L
Nitrotoluene [4-]	99-99-0			0.5	µg/L
RDX	121-82-4			1	µg/L
Tetryl	479-45-8			0.8	µg/L
Trinitrobenzene [1,3,5-]	99-35-4			0.5	µg/L
Trinitrotoluene [2,4,6-]	118-96-7			0.5	µg/L

Table E-2, cont'd. Analyte List, Analytical Method, and Estimated Quantitation Limits for Organic Suites

Analyte	CAS No.	Analysis Method	Procedure	EQL	
Polychlorinated Biphenyl Compounds					
Aroclor-1016	12674-11-2	GC/MS	EPA:608 (3)	1	µg/L
Aroclor-1221	11104-28-2			2	µg/L
Aroclor-1232	11141-16-5			1	µg/L
Aroclor-1242	53469-21-9			1	µg/L
Aroclor-1248	12672-29-6			1	µg/L
Aroclor-1254	11097-69-1			1	µg/L
Aroclor-1260	11096-82-5			1	µg/L

CAS = Chemical Abstracts Service
EPA = Environmental Protection Agency
EQL = estimated quantitation limit
GC/MS = gas chromatography/mass spectrometry
HPLC = high performance liquid chromatography
HRGC = high resolution gas chromatography
HRMS = high resolution mass spectrometry

1. *Method 1613: Tetra- through Octa-Chlorinated Dioxins and Furans by Isotope Dilution HRGC/HRMS*, Revision B, EPA-821/B-94-005. (October 1994)

2. *Test Methods for Evaluating Solid Wastes, Physical/Chemical Methods*, Third Edition, EPA-SW-846, Draft Update IVA (May 1998)

3. 40 CFR Part 136, *Appendix A to Part 136 – Methods for Organic Chemical Analysis of Municipal and Industrial Wastewater*

Table E-3. Sample Requirements for Organic Suites

Suite (1)	Procedure	Volume Required for Analysis (ml) (2)		Shipping Container (3)	Preservative	Holding Time	
		Without QC	With QC			Extract	Analyze
Dioxins/Furans	EPA: 1613 B	1,000	2,000	1-L G (amber)	Cool to 4 °C	30 days	45 days
High Explosives	SW-846:8330	1,540	2,240	1-L G (amber)	Cool to 4 °C	7 days	40 days
PCBs	EPA:608	1,000	3,000	1-L G (amber)	Cool to 4 °C	7 days	40 days

EPA = Environmental Protection Agency
G = glass
GC/MS = gas chromatography/mass spectrometry
HPLC = high performance liquid chromatography
HRGC = high resolution gas chromatography
HRMS = high resolution mass spectrometry
ISCO = ISCO automated sampler
L = Liter
na = not applicable
µg/l = microgram per liter
ml = milliliter
PAH = polynuclear aromatic hydrocarbon
PCB = polychlorinated biphenyl [compound]
pg/L = picogram/liter
QC = quality control
SS = single stage sampler

1. Water samples are submitted *unfiltered* for all organic analytical suites.
2. Total required volume for analysis, either not including volume required for laboratory QC samples ("without QC"), or including volume required for laboratory QC samples ("with QC"). Sample volume including QC samples includes sufficient volume for matrix spike and duplicate sample analysis.
3. Containers required for analysis without laboratory QC samples are identified first; then additional containers for analysis with laboratory QC samples are identified, as necessary, if there is sufficient volume.

Table E-4. Analyte List, Analytical Methods and Procedures, and Minimum Detectable Activities for Radionuclide Suites

Analyte (1)	Analysis Method	Procedure (2)	MDA (3) (pCi/l) (3)	Volume Required for Analysis (ml) (4)		Shipping Container (4)	Preservative	Holding Time
				Without QC	With QC			
Am-241	Alpha Spectrometry	EPA:911	0.05	1,000	2,000	1-L PE	HNO_3 to pH < 2	180 days
Pu-238			0.05					
Pu-239,240			0.05					
U-234			0.5					
U-235,236			0.5					
U-238			0.5					
Sr-90	GPC	EPA:905.0	0.5	1,000	2,000			
Co-60	Gamma Spectroscopy	EPA:901.1	10	2,000	2,000			
Cs-137			10					
K-40			100					
Na-22			10					
Np-237			50					
Gross alpha	GPC	EPA:900	3	500	2,000			
Gross beta			3					
H-3	LSC	EPA:906.0	50	250	500	1-L G (amber)	None	180 Days

EPA = Environmental Protection Agency
G = glass
GPC = gas proportional counting
L = Liter
LSC = liquid scintillation counting
MDA = minimum detectable activity
ml = milliliter
pCi/l = picoCurie per liter
PE = polyethylene
QC = quality control
SS = single stage [sampler]

Table E-4 Notes:

1. Water samples are submitted *unfiltered* for all radionuclide analytical suites.
2. *Prescribed Procedures for Measurement of Radioactivity in Drinking Water*, EPA-600/4-80-032. (August 1980); or equivalent method in US Department of Energy, *EML Procedures Manual*, 28th Edition, Volume I, HASL-300, Environmental Measurements Laboratory. (February 1997).
3. Detection limits determined from a review of 2002 and 2003 LANL environmental surveillance data for storm water runoff samples.
4. Total required volume for analysis, either not including volume required for laboratory QC samples ("without QC"), or including volume required for laboratory QC samples ("with QC").
5. Containers required for analysis without laboratory QC samples are identified first; then additional containers for analysis with laboratory QC samples are identified, as necessary, if there is sufficient volume.

Attachments

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ATTACHMENT I

Summary of Watershed Storm Water Monitoring Data
Monitoring Year 2004

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List of Attachment I Tables

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Table I-1. FFCA Gage Station Samples Collected
Monitoring Year 2004

Station ID	Station Name	Quarter	Sample Date	Matrix	Field QC Type	F/UF	Sample ID	GENINORG	METALS	DIOX/FUR	HEXP	PEST/PCB	RAD
E026	Los Alamos below Ice Rink	Q2	4/28/2004	WM		F	GF04040M02601	1	1				
E026	Los Alamos below Ice Rink	Q2	4/28/2004	WM		UF	GU04040M02601	1	1			1	1
E026	Los Alamos below Ice Rink	Q2	5/3/2004	WT		F	GF04050E02601	1	1				
E026	Los Alamos below Ice Rink	Q2	5/3/2004	WT		UF	GU04050E02601	1	1			1	1
E026	Los Alamos below Ice Rink	Q3	8/4/2004	WT	EQB	F	GF04080E02601	1	1				
E026	Los Alamos below Ice Rink	Q3	8/4/2004	WT	EQB	UF	GU04080E02601	1	1			1	1
E030	Los Alamos above DP Canyon	Q2	4/4/2004	WT		UF	GU04040E03002	1	1				
E030	Los Alamos above DP Canyon	Q3	7/23/2004	WT		F	GF04070E03001	1	1				
E030	Los Alamos above DP Canyon	Q3	7/23/2004	WT		UF	GU04070E03001	1	1			1	1
E030	Los Alamos above DP Canyon	Q3	7/27/2004	WT		UF	GU04070E03002	1				1	1
E030	Los Alamos above DP Canyon	Q3	8/18/2004	WT		F	GF04080E03001	1	1				
E030	Los Alamos above DP Canyon	Q3	8/18/2004	WT		UF	GU04080E03001	1	1			1	1
E030	Los Alamos above DP Canyon	Q3	8/20/2004	WT		F	GF04080E03002	1	1				
E030	Los Alamos above DP Canyon	Q3	8/20/2004	WT		UF	GU04080E03002	1	1			1	
E030	Los Alamos above DP Canyon	Q3	9/27/2004	WT		F	GF04090E03001	1	1				
E030	Los Alamos above DP Canyon	Q3	9/27/2004	WT		UF	GU04090E03001	1	1				1
E030	Los Alamos above DP Canyon	Q4	10/5/2004	WT		UF	GU04100E03001	1					1
E038	DP above TA-21	Q2	6/28/2004	WT		F	GF04060E03801	1	1				
E038	DP above TA-21	Q2	6/28/2004	WT		UF	GU04060E03801	1	1				1
E038	DP above TA-21	Q3	7/18/2004	WT		F	GF04070E03801	1	1				
E038	DP above TA-21	Q3	7/18/2004	WT	FD	F	GF04070E03890	1	1				
E038	DP above TA-21	Q3	7/18/2004	WT		UF	GU04070E03801	1	1			1	1
E038	DP above TA-21	Q3	7/18/2004	WT	FD	UF	GU04070E03890	1	1			1	1
E038	DP above TA-21	Q3	7/19/2004	WT		UF	GU04070E03802	1	1				1
E038	DP above TA-21	Q3	7/19/2004	WT	FD	UF	GU04070E03891						1
E038	DP above TA-21	Q3	7/23/2004	WT		F	GF04070E03802	1	1				
E038	DP above TA-21	Q3	7/23/2004	WT		UF	GU04070E03803	1	1			1	1
E038	DP above TA-21	Q3	7/27/2004	WT		F	GF04070E03803	1	1				
E038	DP above TA-21	Q3	7/27/2004	WT		UF	GU04070E03804	1	1			1	1
E038	DP above TA-21	Q3	8/16/2004	WT		UF	GU04080E03801						1
E038	DP above TA-21	Q3	8/20/2004	WT		UF	GU04080E03802	1				1	
E039	DP below Meadow at TA-21	Q2	5/4/2004	WT		F	GF04050E03901	1	1				
E039	DP below Meadow at TA-21	Q2	5/4/2004	WT		UF	GU04050E03901	1	1			1	1
E039	DP below Meadow at TA-21	Q3	7/18/2004	WT		F	GF04070E03901	1	1				
E039	DP below Meadow at TA-21	Q3	7/18/2004	WT		UF	GU04070E03901	1	1			1	1

Table I-1. FFCA Gage Station Samples Collected
Monitoring Year 2004

Station ID	Station Name	Quarter	Sample Date	Matrix	Field QC Type	F/UF	Sample ID	GENINORG	METALS	DIOX/FUR	HEXP	PEST/PCB	RAD
E039	DP below Meadow at TA-21	Q3	7/23/2004	WT		F	GF04070E03902	1	1				
E039	DP below Meadow at TA-21	Q3	7/23/2004	WT		UF	GU04070E03902	1	1			1	1
E039	DP below Meadow at TA-21	Q3	7/27/2004	WT		F	GF04070E03903	1	1				
E039	DP below Meadow at TA-21	Q3	7/27/2004	WT		UF	GU04070E03903	1	1			1	1
E039	DP below Meadow at TA-21	Q3	8/3/2004	WT	EQB	F	GF04070E03904	1	1				
E039	DP below Meadow at TA-21	Q3	8/3/2004	WT	EQB	UF	GU04070E03904	1	1			1	1
E040	DP above Los Alamos Canyon	Q3	7/18/2004	WT		F	GF04070E04001	1	1				
E040	DP above Los Alamos Canyon	Q3	7/18/2004	WT		UF	GU04070E04001	1	1			1	1
E040	DP above Los Alamos Canyon	Q3	7/27/2004	WT		F	GF04070E04002	1	1				
E040	DP above Los Alamos Canyon	Q3	7/27/2004	WT		UF	GU04070E04002	1	1			1	1
E040	DP above Los Alamos Canyon	Q3	8/11/2004	WT		F	GF04080E04001	1	1				
E040	DP above Los Alamos Canyon	Q3	8/11/2004	WT		UF	GU04080E04001	1	1			1	1
E040	DP above Los Alamos Canyon	Q3	8/15/2004	WT		F	GF04080E04002	1	1				
E040	DP above Los Alamos Canyon	Q3	8/15/2004	WT		UF	GU04080E04002	1	1				
E040	DP above Los Alamos Canyon	Q3	8/18/2004	WT		UF	GU04080E04003	1				1	1
E042	Los Alamos above SR-4	Q2	4/3/2004	WT		UF	GU04040E04202	1	1				
E042	Los Alamos above SR-4	Q3	7/23/2004	WT		F	GF04070E04201	1	1				
E042	Los Alamos above SR-4	Q3	7/23/2004	WT		UF	GU04070E04201	1	1			1	1
E042	Los Alamos above SR-4	Q3	8/20/2004	WT		F	GF04080E04201	1	1				
E042	Los Alamos above SR-4	Q3	8/20/2004	WT		UF	GU04080E04201	1	1			1	1
E042	Los Alamos above SR-4	Q4	10/5/2004	WT		F	GF04100E04201	1	1				
E042	Los Alamos above SR-4	Q4	10/5/2004	WT		UF	GU04100E04201	1	1			1	1
E042	Los Alamos above SR-4	Q4	10/11/2004	WT		F	GF04100E04202	1	1				
E042	Los Alamos above SR-4	Q4	10/11/2004	WT		UF	GU04100E04202	1					1
E050	Los Alamos below LA Weir	Q2	4/28/2004	WM		F	GF04040M05001	1	1				
E050	Los Alamos below LA Weir	Q2	4/28/2004	WM		UF	GU04040M05001	1	1			1	1
E055	Pueblo above Acid	Q3	7/23/2004	WT		F	GF04070E05501	1	1				
E055	Pueblo above Acid	Q3	7/23/2004	WT		UF	GU04070E05501	1	1			1	1
E055	Pueblo above Acid	Q3	8/18/2004	WT		F	GF04080E05501	1	1				
E055	Pueblo above Acid	Q3	8/18/2004	WT		UF	GU04080E05501	1	1			1	1
E055	Pueblo above Acid	Q3	8/20/2004	WT		F	GF04080E05502	1	1				
E055	Pueblo above Acid	Q3	8/20/2004	WT		UF	GU04080E05502	1	1			1	1
E055	Pueblo above Acid	Q3	9/27/2004	WT		F	GF04090E05501	1	1				
E055	Pueblo above Acid	Q3	9/27/2004	WT		UF	GU04090E05501	1	1			1	1
E055.5	South Fork of Acid Canyon	Q3	9/27/2004	WT		F	GF0409E055501	1	1				

Table I-1. FFCA Gage Station Samples Collected
Monitoring Year 2004

Station ID	Station Name	Quarter	Sample Date	Matrix	Field QC Type	F/UF	Sample ID	GENINORG	METALS	DIOX/FUR	HEXP	PEST/PCB	RAD
E055.5	South Fork of Acid Canyon	Q3	9/27/2004	WT		UF	GU0409E055501	1	1				
E060	Pueblo above SR-502	Q2	5/6/2004	WT		F	GF04050E06001	1	1				
E060	Pueblo above SR-502	Q2	5/6/2004	WT		UF	GU04050E06001	1	1	1		1	1
E060	Pueblo above SR-502	Q3	7/23/2004	WT		F	GF04070E06001	1	1				
E060	Pueblo above SR-502	Q3	7/23/2004	WT		UF	GU04070E06001	1	1	1		1	1
E060	Pueblo above SR-502	Q3	7/27/2004	WT		F	GF04070E06002	1	1				
E060	Pueblo above SR-502	Q3	7/27/2004	WT		UF	GU04070E06002	1	1	1		1	1
E060	Pueblo above SR-502	Q3	8/8/2004	WT	EQB	F	GF04080E06001	1	1				
E060	Pueblo above SR-502	Q3	8/8/2004	WT	EQB	UF	GU04080E06001	1	1	1		1	1
E060	Pueblo above SR-502	Q3	8/18/2004	WT		F	GF04080E06002	1	1				
E060	Pueblo above SR-502	Q3	8/18/2004	WT		UF	GU04080E06002	1	1	1		1	1
E121	Sandia right fork at Power Plant	Q1	2/25/2004	WT		UF	GU04020E12101	1	1				
E121	Sandia right fork at Power Plant	Q3	7/27/2004	WT		F	GF04070E12101	1	1				
E121	Sandia right fork at Power Plant	Q3	7/27/2004	WT		UF	GU04070E12101	1	1			1	1
E121	Sandia right fork at Power Plant	Q3	8/11/2004	WT		F	GF04080E12101	1	1				
E121	Sandia right fork at Power Plant	Q3	8/11/2004	WT		UF	GU04080E12101	1	1			1	
E121	Sandia right fork at Power Plant	Q3	8/18/2004	WT		F	GF04080E12102	1	1				
E121	Sandia right fork at Power Plant	Q3	8/18/2004	WT		UF	GU04080E12102	1	1			1	1
E121	Sandia right fork at Power Plant	Q3	9/27/2004	WT		F	GF04090E12101	1	1				
E121	Sandia right fork at Power Plant	Q3	9/27/2004	WT		UF	GU04090E12101	1	1				1
E122	Sandia left fork at Asphalt Plant	Q1	2/25/2004	WT		UF	GU04020E12201	1	1				
E122	Sandia left fork at Asphalt Plant	Q2	4/6/2004	WT		UF	GU04040E12201	1	1				
E122	Sandia left fork at Asphalt Plant	Q2	4/11/2004	WT		F	GF04040E12201	1	1				
E122	Sandia left fork at Asphalt Plant	Q2	4/11/2004	WT		UF	GU04040E12202	1	1				
E122	Sandia left fork at Asphalt Plant	Q3	7/27/2004	WT		F	GF04070E12201	1	1				
E122	Sandia left fork at Asphalt Plant	Q3	7/27/2004	WT		UF	GU04070E12201	1	1			1	
E122	Sandia left fork at Asphalt Plant	Q3	8/11/2004	WT		F	GF04080E12201	1	1				
E122	Sandia left fork at Asphalt Plant	Q3	8/11/2004	WT		UF	GU04080E12201	1	1			1	
E122	Sandia left fork at Asphalt Plant	Q3	8/18/2004	WT		F	GF04080E12202	1	1				
E122	Sandia left fork at Asphalt Plant	Q3	8/18/2004	WT		UF	GU04080E12202	1	1			1	
E122	Sandia left fork at Asphalt Plant	Q3	8/19/2004	WT		UF	GU04080E12203	1				1	
E122	Sandia left fork at Asphalt Plant	Q3	9/4/2004	WT		UF	GU04090E12201	1					
E123	Sandia below Wetlands	Q3	7/21/2004	WT		F	GF04070E12301	1	1				
E123	Sandia below Wetlands	Q3	7/21/2004	WT		UF	GU04070E12301	1	1			1	
E123	Sandia below Wetlands	Q3	7/23/2004	WT		F	GF04070E12302	1	1				

Table I-1. FFCA Gage Station Samples Collected
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Station ID	Station Name	Quarter	Sample Date	Matrix	Field QC Type	F/UF	Sample ID	GENINORG	METALS	DIOX/FUR	HEXP	PEST/PCB	RAD
E123	Sandia below Wetlands	Q3	7/23/2004	WT		UF	GU04070E12302	1	1			1	
E123	Sandia below Wetlands	Q3	7/27/2004	WT		F	GF04070E12303	1	1				
E123	Sandia below Wetlands	Q3	7/27/2004	WT		UF	GU04070E12303	1	1			1	
E123	Sandia below Wetlands	Q3	8/11/2004	WT		F	GF04080E12301	1	1				
E123	Sandia below Wetlands	Q3	8/11/2004	WT		UF	GU04080E12301	1	1			1	
E124	Sandia above Firing Range	Q3	8/10/2004	WT		UF	GU04080E12401	1	1				
E124	Sandia above Firing Range	Q3	8/18/2004	WT		F	GF04080E12401	1	1				
E124	Sandia above Firing Range	Q3	8/18/2004	WT		UF	GU04080E12402	1	1		1	1	1
E124	Sandia above Firing Range	Q3	8/20/2004	WT		F	GF04080E12402	1	1				
E124	Sandia above Firing Range	Q3	8/20/2004	WT		UF	GU04080E12403	1	1		1	1	1
E124	Sandia above Firing Range	Q4	10/23/2004	WT		UF	GU04100E12402	1					1
E124	Sandia above Firing Range	Q4	10/26/2004	WT		F	GF04100E12401	1	1				
E124	Sandia above Firing Range	Q4	10/26/2004	WT		UF	GU04100E12401	1	1		1		
E200	Mortandad below Effluent Canyon	Q3	7/27/2004	WT		F	GF04070E20001	1	1				
E200	Mortandad below Effluent Canyon	Q3	7/27/2004	WT		UF	GU04070E20001	1	1			1	1
E200	Mortandad below Effluent Canyon	Q3	8/11/2004	WT		F	GF04080E20001	1	1				
E200	Mortandad below Effluent Canyon	Q3	8/11/2004	WT		UF	GU04080E20001	1	1			1	1
E200	Mortandad below Effluent Canyon	Q3	8/18/2004	WT		F	GF04080E20002	1	1				
E200	Mortandad below Effluent Canyon	Q3	8/18/2004	WT		UF	GU04080E20002	1	1			1	1
E200	Mortandad below Effluent Canyon	Q3	8/20/2004	WT		F	GF04080E20003	1	1				
E200	Mortandad below Effluent Canyon	Q3	8/20/2004	WT		UF	GU04080E20003	1	1			1	1
E201.3	Ten Site below MDA C	Q2	4/2/2004	WT		UF	GU0404E201302	1	1				
E201.3	Ten Site below MDA C	Q2	4/5/2004	WT		UF	GU0404E201303	1	1				1
E201.3	Ten Site below MDA C	Q2	4/8/2004	WT		F	GF0404E201301	1	1				
E201.3	Ten Site below MDA C	Q2	4/8/2004	WT		UF	GU0404E201304	1					
E201.3	Ten Site below MDA C	Q2	4/9/2004	WT		UF	GU0404E201305	1					1
E201.3	Ten Site below MDA C	Q3	7/23/2004	WT		F	GF0407E201301	1	1				
E201.3	Ten Site below MDA C	Q3	7/23/2004	WT		UF	GU0407E201301	1	1				1
E201.3	Ten Site below MDA C	Q4	10/6/2004	WT		F	GF0410E201301	1	1				
E201.3	Ten Site below MDA C	Q4	10/6/2004	WT		UF	GU0410E201301	1	1				
E201.5	Ten Site above Mortandad	Q3	8/15/2004	WT		F	GF0408E201501	1	1				
E201.5	Ten Site above Mortandad	Q3	8/15/2004	WT		UF	GU0408E201501	1	1				1
E218	Canada del Buey near TA-46	Q3	8/15/2004	WT		F	GF04080E21801	1	1				
E218	Canada del Buey near TA-46	Q3	8/15/2004	WT		UF	GU04080E21801	1	1				1
E218	Canada del Buey near TA-46	Q3	8/31/2004	WT		UF	GU04090E21801	1				1	

Table I-1. FFCA Gage Station Samples Collected
Monitoring Year 2004

Station ID	Station Name	Quarter	Sample Date	Matrix	Field QC Type	F/UF	Sample ID	GENINORG	METALS	DIOX/FUR	HEXP	PEST/PCB	RAD
E218	Canada del Buey near TA-46	Q4	10/4/2004	WT		F	GF04100E21801	1	1				
E218	Canada del Buey near TA-46	Q4	10/4/2004	WT		UF	GU04100E21801	1	1			1	1
E218	Canada del Buey near TA-46	Q4	10/11/2004	WT		F	GF04100E21802	1	1				
E218	Canada del Buey near TA-46	Q4	10/11/2004	WT		UF	GU04100E21802	1	1			1	1
E227	MDA G-13	Q3	8/10/2004	WT		F	GF04080E22701	1	1				
E227	MDA G-13	Q3	8/10/2004	WT		UF	GU04080E22701	1	1			1	1
E230	Canada del Buey above SR-4	Q3	8/10/2004	WT		F	GF04080E23001	1	1				
E230	Canada del Buey above SR-4	Q3	8/10/2004	WT		UF	GU04080E23001	1	1			1	1
E230	Canada del Buey above SR-4	Q3	8/19/2004	WT		F	GF04080E23002	1	1				
E230	Canada del Buey above SR-4	Q3	8/19/2004	WT		UF	GU04080E23002	1	1			1	1
E230	Canada del Buey above SR-4	Q4	10/5/2004	WT		F	GF04100E23001	1	1				
E230	Canada del Buey above SR-4	Q4	10/5/2004	WT		UF	GU04100E23001	1	1			1	1
E240	Pajarito below SR-501	Q2	5/4/2004	WT		F	GF04050E24001	1	1				
E240	Pajarito below SR-501	Q2	5/4/2004	WT		UF	GU04050E24001	1	1				1
E240	Pajarito below SR-501	Q3	8/9/2004	WT	EQB	F	GF04080E24001	1	1				
E240	Pajarito below SR-501	Q3	8/9/2004	WT	EQB	UF	GU04080E24001	1	1				1
E241	Pajarito above Starmers	Q4	10/5/2004	WT		F	GF04100E24101	1	1				
E241	Pajarito above Starmers	Q4	10/5/2004	WT		UF	GU04100E24101	1	1				
E242	Starmers above Pajarito	Q3	7/24/2004	WT		F	GF04070E24201	1	1				
E242	Starmers above Pajarito	Q3	7/24/2004	WT		UF	GU04070E24201	1	1				
E242	Starmers above Pajarito	Q4	10/5/2004	WT		F	GF04100E24201	1	1				
E242	Starmers above Pajarito	Q4	10/5/2004	WT		UF	GU04100E24201	1	1				
E242.5	La Delfe above Pajarito	Q3	7/24/2004	WT		F	GF0407E242501	1	1				
E242.5	La Delfe above Pajarito	Q3	7/24/2004	WT		UF	GU0407E242501	1	1		1		
E243	Pajarito above Twomile	Q2	4/27/2004	WM		F	GF04040M24301	1	1				
E243	Pajarito above Twomile	Q2	4/27/2004	WM		UF	GU04040M24301	1	1		1		1
E243.5	Twomile tributary at TA-3	Q1	2/25/2004	WT		UF	GU0402E243501	1	1				
E243.5	Twomile tributary at TA-3	Q2	4/2/2004	WT		UF	GU0404E243503	1	1				
E243.5	Twomile tributary at TA-3	Q2	5/5/2004	WT		F	GF0405E243501	1	1				
E243.5	Twomile tributary at TA-3	Q2	5/5/2004	WT	EQB	UF	GU0405E243501	1	1	1			1
E243.5	Twomile tributary at TA-3	Q2	6/28/2004	WT		F	GF0406E243501	1	1				
E243.5	Twomile tributary at TA-3	Q2	6/28/2004	WT		UF	GU0406E243501	1	1				1
E243.5	Twomile tributary at TA-3	Q2	6/30/2004	WT		UF	GU0406E243502	1					
E243.5	Twomile tributary at TA-3	Q3	7/15/2004	WT		F	GF0407E243501	1	1				
E243.5	Twomile tributary at TA-3	Q3	7/15/2004	WT		UF	GU0407E243501	1	1	1			1

Table I-1. FFCA Gage Station Samples Collected
Monitoring Year 2004

Station ID	Station Name	Quarter	Sample Date	Matrix	Field QC Type	F/UF	Sample ID	GENINORG	METALS	DIOX/FUR	HEXP	PEST/PCB	RAD
E243.5	Twomile tributary at TA-3	Q3	7/15/2004	WT		UF	GU0407E243502	1	1	1			
E243.5	Twomile tributary at TA-3	Q3	7/15/2004	WT	FD	UF	GU0407E24350290	1	1	1			
E243.5	Twomile tributary at TA-3	Q3	7/18/2004	WT		F	GF0407E243502	1	1				
E243.5	Twomile tributary at TA-3	Q3	7/18/2004	WT		UF	GU0407E243503	1	1				1
E243.5	Twomile tributary at TA-3	Q3	7/21/2004	WT	FD		GU0407E243594						1
E243.5	Twomile tributary at TA-3	Q3	7/21/2004	WT		UF	GU0407E243504	1					1
E243.5	Twomile tributary at TA-3	Q3	7/27/2004	WT		F	GF0407E243503	1	1				
E243.5	Twomile tributary at TA-3	Q3	7/27/2004	WT		UF	GU0407E243505	1	1				1
E243.5	Twomile tributary at TA-3	Q3	8/9/2004	WT	EQB	F	GF0408E243501	1	1				
E243.5	Twomile tributary at TA-3	Q3	8/9/2004	WT	EQB	UF	GU0408E243501	1	1	1			1
E243.5	Twomile tributary at TA-3	Q3	9/4/2004	WT		UF	GU0409E243501	1	1				1
E243.5	Twomile tributary at TA-3	Q3	9/19/2004	WT		UF	GU0409E243502	1	1				1
E243.5	Twomile tributary at TA-3	Q3	9/25/2004	WT		UF	GU0409E243503	1					1
E244	Twomile above Pajarito	Q2	4/27/2004	WM		F	GF04040M24401	1	1				
E244	Twomile above Pajarito	Q2	4/27/2004	WM		UF	GU04040M24401	1	1	1	1	1	1
E244	Twomile above Pajarito	Q3	7/23/2004	WT		F	GF04070E24401	1	1				
E244	Twomile above Pajarito	Q3	7/23/2004	WT		UF	GU04070E24401	1	1				1
E244	Twomile above Pajarito	Q3	8/18/2004	WT		F	GF04080E24401	1	1				
E244	Twomile above Pajarito	Q3	8/18/2004	WT		UF	GU04080E24401	1	1				1
E245	Pajarito above TA-18	Q2	4/26/2004	WM		F	GF04040M24501	1	1				
E245	Pajarito above TA-18	Q2	4/26/2004	WM		UF	GU04040M24501	1	1		1	1	1
E245	Pajarito above TA-18	Q3	7/27/2004	WT		F	GF04070E24501	1	1				
E245	Pajarito above TA-18	Q3	7/27/2004	WT		UF	GU04070E24501	1	1		1	1	1
E245	Pajarito above TA-18	Q4	10/11/2004	WT		F	GF04100E24501	1	1				
E245	Pajarito above TA-18	Q4	10/11/2004	WT		UF	GU04100E24501	1	1		1	1	1
E245.5	Pajarito above Threemile	Q2	4/26/2004	WM		F	GF0404M245501	1	1				
E245.5	Pajarito above Threemile	Q2	4/26/2004	WM		UF	GU0404M245501	1	1		1	1	1
E245.5	Pajarito above Threemile	Q3	7/24/2004	WT		F	GF0407E245501	1	1				
E245.5	Pajarito above Threemile	Q3	7/24/2004	WT		UF	GU0407E245501	1	1				1
E245.5	Pajarito above Threemile	Q3	8/18/2004	WT		F	GF0408E245501	1	1				
E245.5	Pajarito above Threemile	Q3	8/18/2004	WT		UF	GU0408E245501	1	1				1
E245.5	Pajarito above Threemile	Q4	10/5/2004	WT		F	GF0410E245501	1	1				
E245.5	Pajarito above Threemile	Q4	10/5/2004	WT		UF	GU0410E245501	1	1		1	1	1
E246	Threemile above Pajarito	Q3	7/23/2004	WT		F	GF04070E24601	1	1				
E246	Threemile above Pajarito	Q3	7/23/2004	WT		UF	GU04070E24601	1	1				1

Table I-1. FFCA Gage Station Samples Collected
Monitoring Year 2004

Station ID	Station Name	Quarter	Sample Date	Matrix	Field QC Type	F/UF	Sample ID	GENINORG	METALS	DIOX/FUR	HEXP	PEST/PCB	RAD
E246	Threemile above Pajarito	Q3	8/20/2004	WT		F	GF04080E24601	1	1				
E246	Threemile above Pajarito	Q3	8/20/2004	WT		UF	GU04080E24601	1	1		1	1	1
E247	MDA G-1	Q3	8/10/2004	WT		F	GF04080E24701	1	1				
E247	MDA G-1	Q3	8/10/2004	WT		UF	GU04080E24701	1	1			1	1
E247	MDA G-1	Q4	10/5/2004	WT		F	GF04100E24701	1	1				
E247	MDA G-1	Q4	10/5/2004	WT		UF	GU04100E24701	1	1				1
E247	MDA G-1	Q4	10/11/2004	WT		F	GF04100E24702	1	1				
E247	MDA G-1	Q4	10/11/2004	WT		UF	GU04100E24702	1	1			1	1
E248.5	MDA G-6U	Q2	4/2/2004	WT		UF	GU0404E248502	1	1			1	1
E248.5	MDA G-6U	Q3	7/24/2004	WT		F	GF0407E248501	1	1				
E248.5	MDA G-6U	Q3	7/24/2004	WT		UF	GU0407E248501	1	1			1	1
E248.5	MDA G-6U	Q3	8/10/2004	WT		UF	GU0408E248501	1					1
E248.5	MDA G-6U	Q3	9/25/2004	WT		F	GF0409E248501	1	1				
E248.5	MDA G-6U	Q3	9/25/2004	WT		UF	GU0409E248501	1	1				
E248.5	MDA G-6U	Q4	10/11/2004	WT		F	GF0410E248501	1	1				
E248.5	MDA G-6U	Q4	10/11/2004	WT		UF	GU0410E248501	1					
E249	MDA G-4	Q3	8/10/2004	WT		F	GF04080E24901	1	1				
E249	MDA G-4	Q3	8/10/2004	WT		UF	GU04080E24901	1	1			1	1
E250	Pajarito above SR-4	Q2	4/8/2004	WT		UF	GU04040E25002	1	1				1
E250	Pajarito above SR-4	Q2	4/8/2004	WT		F	GF04040E25001	1	1				
E250	Pajarito above SR-4	Q2	4/8/2004	WT		UF	GU04040E25001	1	1	1	1	1	
E253	Canon de Valle above SR-501	Q2	5/5/2004	WT		F	GF04050E25301	1	1				
E253	Canon de Valle above SR-501	Q2	5/5/2004	WT		UF	GU04050E25301	1	1				1
E253	Canon de Valle above SR-501	Q3	8/5/2004	WT	EQB	F	GF04080E25301	1	1				
E253	Canon de Valle above SR-501	Q3	8/5/2004	WT	EQB	UF	GU04080E25301	1	1				1
E256	Canon de Valle below MDA P	Q3	7/27/2004	WT		F	GF04070E25601	1	1				
E256	Canon de Valle below MDA P	Q3	7/27/2004	WT		UF	GU04070E25601	1	1				
E256	Canon de Valle below MDA P	Q3	8/11/2004	WT		F	GF04080E25601	1	1				
E256	Canon de Valle below MDA P	Q3	8/11/2004	WT		UF	GU04080E25601	1	1				
E256	Canon de Valle below MDA P	Q3	8/20/2004	WT		F	GF04080E25602	1	1				
E256	Canon de Valle below MDA P	Q3	8/20/2004	WT		UF	GU04080E25602	1	1		1		
E257	Canon de Valle tributary at Burn Grounds	Q2	4/8/2004	WT		F	GF04040E25701	1	1				
E257	Canon de Valle tributary at Burn Grounds	Q2	4/8/2004	WT		UF	GU04040E25701	1	1				
E257	Canon de Valle tributary at Burn Grounds	Q3	7/23/2004	WT		F	GF04070E25701	1	1				
E257	Canon de Valle tributary at Burn Grounds	Q3	7/23/2004	WT		UF	GU04070E25701	1	1		1		

Table I-1. FFCA Gage Station Samples Collected
Monitoring Year 2004

Station ID	Station Name	Quarter	Sample Date	Matrix	Field QC Type	F/UF	Sample ID	GENINORG	METALS	DIOX/FUR	HEXP	PEST/PCB	RAD
E257	Canon de Valle tributary at Burn Grounds	Q3	7/27/2004	WT		F	GF04070E25702	1	1				
E257	Canon de Valle tributary at Burn Grounds	Q3	7/27/2004	WT		UF	GU04070E25702	1	1		1		
E257	Canon de Valle tributary at Burn Grounds	Q3	8/11/2004	WT		F	GF04080E25701	1	1				
E257	Canon de Valle tributary at Burn Grounds	Q3	8/11/2004	WT		UF	GU04080E25701	1	1		1		
E257	Canon de Valle tributary at Burn Grounds	Q3	8/18/2004	WT		UF	GU04080E25702	1	1		1		
E260	Water above S Site Canyon	Q2	4/27/2004	WM		F	GF04040M26001	1	1				
E260	Water above S Site Canyon	Q2	4/27/2004	WM		UF	GU04040M26001	1	1		1		
E260	Water above S Site Canyon	Q3	8/20/2004	WT		F	GF04080E26001	1	1				
E260	Water above S Site Canyon	Q3	8/20/2004	WT		UF	GU04080E26001	1	1		1		
E261	S Site Canyon above Water	Q3	8/20/2004	WT		F	GF04080E26101	1	1				
E261	S Site Canyon above Water	Q3	8/20/2004	WT		UF	GU04080E26101	1	1		1		
E262	Canon de Valle above Water	Q3	8/20/2004	WT		F	GF04080E26201	1	1				
E262	Canon de Valle above Water	Q3	8/20/2004	WT		UF	GU04080E26201	1	1		1		
E262.5	Water below MDA AB	Q2	4/27/2004	WM		F	GF0404M262501	1	1				
E262.5	Water below MDA AB	Q2	4/27/2004	WM		UF	GU0404M262501	1	1		1		1
E262.5	Water below MDA AB	Q3	8/19/2004	WT		F	GF0408E262501	1	1				
E262.5	Water below MDA AB	Q3	8/19/2004	WT		UF	GU0408E262501	1	1		1		
E262.5	Water below MDA AB	Q4	10/5/2004	WT		F	GF0410E262501	1	1				
E262.5	Water below MDA AB	Q4	10/5/2004	WT		UF	GU0410E262501	1	1		1		1
E263	Water at SR-4	Q3	8/18/2004	WT		F	GF04080E26301	1	1				
E263	Water at SR-4	Q3	8/18/2004	WT		UF	GU04080E26301	1	1		1		1
E263	Water at SR-4	Q3	8/20/2004	WT		F	GF04080E26302	1	1				
E263	Water at SR-4	Q3	8/20/2004	WT		UF	GU04080E26302	1	1				
E265	Water below SR-4	Q2	5/5/2004	WT		F	GF04050E26501	1	1				
E265	Water below SR-4	Q2	5/5/2004	WT		UF	GU04050E26501	1	1			1	1
E265	Water below SR-4	Q3	8/5/2004	WT	EQB	F	GF04080E26501	1	1				
E265	Water below SR-4	Q3	8/5/2004	WT	EQB	UF	GU04080E26501	1	1			1	1
E265	Water below SR-4	Q3	8/11/2004	WT		F	GF04080E26502	1	1				
E265	Water below SR-4	Q3	8/11/2004	WT		UF	GU04080E26502	1	1			1	1
E265	Water below SR-4	Q3	8/20/2004	WT		F	GF04080E26503	1	1				
E265	Water below SR-4	Q3	8/20/2004	WT		UF	GU04080E26503	1	1			1	1

Table I-2. Watershed Storm Water Monitoring, 2004
Analytical Results greater than wSAL
Summary for Potential Laboratory-Derived Pollutants

Station ID	Station Name	F/UF	Analytical Suite	Analyte	Number of Analyses	Number of Detects	Number > wSAL	Summary of Detected Results				
								Average	Minimum	Maximum	wSAL	Units
E030	Los Alamos above DP Canyon	UF	METALS	Arsenic	4	4	1	19.8	10.1	26.3	24.2	ug/L
	Los Alamos above DP Canyon	UF	METALS	Lead	4	4	3	232.3	105	294	126	ug/L
	Los Alamos above DP Canyon	UF	METALS	Mercury	4	2	1	0.736	0.272	1.2	0.77	ug/L
	Los Alamos above DP Canyon	UF	METALS	Vanadium	4	4	3	116	50.2	180	100	ug/L
	Los Alamos above DP Canyon	UF	PEST/PCB	Aroclor-1260	4	1	1	0.12	0.12	0.12	0.0017	ug/L
E038	DP above TA-21	UF	METALS	Lead	4	4	1	114.4	58.7	162	126	ug/L
E040	DP above Los Alamos Canyon	UF	METALS	Arsenic	4	4	1	22.0	11.1	30.9	24.2	ug/L
	DP above Los Alamos Canyon	UF	METALS	Lead	4	4	4	305.0	177	509	126	ug/L
	DP above Los Alamos Canyon	UF	METALS	Vanadium	4	4	2	109	64.8	156	100	ug/L
E042	Los Alamos above SR-4	UF	METALS	Arsenic	4	4	2	24.4	13.4	39.7	24.2	ug/L
	Los Alamos above SR-4	UF	METALS	Lead	4	4	4	264.5	160	412	126	ug/L
	Los Alamos above SR-4	UF	METALS	Vanadium	4	4	2	118	76.1	171	100	ug/L
E055	Pueblo above Acid	UF	METALS	Arsenic	4	2	1	27.3	23.6	31	24.2	ug/L
	Pueblo above Acid	UF	METALS	Lead	4	4	2	177.7	94.9	270	126	ug/L
	Pueblo above Acid	UF	METALS	Vanadium	4	4	2	111	42.8	154	100	ug/L
E060	Pueblo above SR-502	UF	METALS	Lead	3	3	1	78.6	31.4	167	126	ug/L
	Pueblo above SR-502	UF	METALS	Vanadium	3	3	1	60	33	111	100	ug/L
E123	Sandia below Wetlands	UF	METALS	Mercury	4	4	2	0.686	0.31	0.921	0.77	ug/L
	Sandia below Wetlands	UF	METALS	Silver	4	4	4	15.0	7.5	21.1	4.1	ug/L
	Sandia below Wetlands	UF	PEST/PCB	Aroclor-1254	4	3	3	0.313	0.059	0.67	0.0017	ug/L
	Sandia below Wetlands	UF	PEST/PCB	Aroclor-1260	4	3	3	0.309	0.076	0.61	0.0017	ug/L
E124	Sandia above Firing Range	UF	METALS	Silver	3	1	1	14.5	14.5	14.5	4.1	ug/L
	Sandia above Firing Range	UF	PEST/PCB	Aroclor-1260	2	1	1	0.098	0.098	0.098	0.0017	ug/L
E218	Canada del Buey near TA-46	UF	METALS	Arsenic	3	2	1	15.3	4.7	25.8	24.2	ug/L
E227	MDA G-13	UF	METALS	Vanadium	1	1	1	108	108	108	100	ug/L
E230	Canada del Buey above SR-4	UF	METALS	Arsenic	3	3	1	28.6	16.3	51.3	24.2	ug/L
	Canada del Buey above SR-4	UF	METALS	Lead	3	3	1	376.6	48	985	126	ug/L
	Canada del Buey above SR-4	UF	METALS	Selenium	3	1	1	5.6	5.6	5.6	5	ug/L
	Canada del Buey above SR-4	UF	METALS	Thallium	3	2	1	8.89	0.18	17.6	6.3	ug/L
	Canada del Buey above SR-4	UF	METALS	Vanadium	3	3	3	271	127	537	100	ug/L

Table I-2. Watershed Storm Water Monitoring, 2004
Analytical Results greater than wSAL
Summary for Potential Laboratory-Derived Pollutants

Station ID	Station Name	F/UF	Analytical Suite	Analyte	Number of Analyses	Number of Detects	Number > wSAL	Summary of Detected Results				
								Average	Minimum	Maximum	wSAL	Units
E242	Starmers above Pajarito	UF	METALS	Silver	2	2	2	11.4	10.1	12.7	4.1	ug/L
E244	Twomile above Pajarito	UF	METALS	Arsenic	3	2	2	36.0	26.1	45.9	24.2	ug/L
	Twomile above Pajarito	UF	METALS	Lead	3	2	2	206.5	154	259	126	ug/L
	Twomile above Pajarito	UF	METALS	Selenium	3	1	1	6.23	6.23	6.23	5	ug/L
	Twomile above Pajarito	UF	METALS	Vanadium	3	2	2	153	101	204	100	ug/L
E245.5	Pajarito above Threemile	UF	METALS	Arsenic	4	3	2	29.9	4.1	43.1	24.2	ug/L
	Pajarito above Threemile	UF	METALS	Lead	4	3	2	173.4	81.2	230	126	ug/L
	Pajarito above Threemile	UF	METALS	Vanadium	4	3	2	138	50	189	100	ug/L
E246	Threemile above Pajarito	UF	METALS	Arsenic	2	1	1	30.5	30.5	30.5	24.2	ug/L
	Threemile above Pajarito	UF	METALS	Lead	2	2	1	164.3	88.6	240	126	ug/L
	Threemile above Pajarito	UF	METALS	Vanadium	2	2	1	100	23.9	177	100	ug/L
E247	MDA G-1	UF	METALS	Vanadium	3	3	1	93	49.5	146	100	ug/L
E256	Canon de Valle below MDA P	UF	METALS	Arsenic	3	3	1	24.0	11.9	43.1	24.2	ug/L
	Canon de Valle below MDA P	UF	METALS	Lead	3	3	2	122.5	69.6	163	126	ug/L
	Canon de Valle below MDA P	UF	METALS	Vanadium	3	3	2	142	79.3	229	100	ug/L
E261	S Site Canyon above Water	UF	METALS	Arsenic	1	1	1	95.1	95.1	95.1	24.2	ug/L
	S Site Canyon above Water	UF	METALS	Lead	1	1	1	225.0	225	225	126	ug/L
	S Site Canyon above Water	UF	METALS	Vanadium	1	1	1	483	483	483	100	ug/L
E262.5	Water below MDA AB	UF	METALS	Selenium	3	1	1	7	7	7	5	ug/L
	Water below MDA AB	UF	METALS	Vanadium	3	2	1	80	35.8	125	100	ug/L
E263	Water at SR-4	UF	METALS	Arsenic	2	2	2	38.5	25.4	51.6	24.2	ug/L
	Water at SR-4	UF	METALS	Lead	2	2	2	312.5	246	379	126	ug/L
	Water at SR-4	UF	METALS	Vanadium	2	2	2	227	135	318	100	ug/L
E265	Water below SR-4	UF	METALS	Arsenic	3	2	2	66.8	60	73.5	24.2	ug/L
	Water below SR-4	UF	METALS	Lead	3	2	2	343.5	282	405	126	ug/L
	Water below SR-4	UF	METALS	Silver	3	1	1	6	6	6	4.1	ug/L
	Water below SR-4	UF	METALS	Vanadium	3	2	2	357	338	375	100	ug/L

Table I-3. Watershed Storm Water Monitoring, 2004
Analytical Results greater than wSAL
Summary for Potential Non-Laboratory Derived Pollutants

Station ID	Station Name	F/UF	Analytical Suite	Analyte	Number of Analyses	Number of Detects	Number > wSAL	Summary of Detected Results				
								Average	Minimum	Maximum	wSAL	Units
E026	Los Alamos below Ice Rink	UF	GENINORG	Magnesium	2	1	1	4.44	4.44	4.44	0.0636	mg/L
E030	Los Alamos above DP Canyon	UF	GENINORG	Chemical Oxygen Demand	4	4	4	587	347	779	120	mg/L
	Los Alamos above DP Canyon	UF	GENINORG	Magnesium	4	4	4	18.93	11	25.4	0.0636	mg/L
	Los Alamos above DP Canyon	UF	METALS	Aluminum	4	4	4	72975	37500	139000	5000	ug/L
E038	DP above TA-21	UF	GENINORG	Chemical Oxygen Demand	4	4	4	288	208	461	120	mg/L
	DP above TA-21	UF	GENINORG	Magnesium	4	4	4	6.35	3.41	8.2	0.0636	mg/L
	DP above TA-21	UF	METALS	Aluminum	4	4	4	35200	20300	47400	5000	ug/L
E039	DP below Meadow at TA-21	UF	GENINORG	Chemical Oxygen Demand	4	3	3	196	176	211	120	mg/L
	DP below Meadow at TA-21	UF	GENINORG	Magnesium	4	3	3	6.18	4.43	7.71	0.0636	mg/L
	DP below Meadow at TA-21	UF	METALS	Aluminum	3	3	3	40267	28200	49000	5000	ug/L
E040	DP above Los Alamos Canyon	UF	GENINORG	Magnesium	4	4	4	13.82	7.77	19.7	0.0636	mg/L
	DP above Los Alamos Canyon	UF	METALS	Aluminum	4	4	4	84875	46900	130000	5000	ug/L
E042	Los Alamos above SR-4	UF	GENINORG	Chemical Oxygen Demand	4	4	3	322	74.4	577	120	mg/L
	Los Alamos above SR-4	UF	GENINORG	Magnesium	4	4	4	17.62	9.28	26	0.0636	mg/L
	Los Alamos above SR-4	UF	METALS	Aluminum	4	4	4	86550	50000	117000	5000	ug/L
E050	Los Alamos below LA Weir	UF	GENINORG	Magnesium	1	1	1	6.33	6.33	6.33	0.0636	mg/L
E055	Pueblo above Acid	UF	GENINORG	Chemical Oxygen Demand	4	4	4	758	369	1490	120	mg/L
	Pueblo above Acid	UF	GENINORG	Magnesium	4	4	4	16.02	7.79	22	0.0636	mg/L
	Pueblo above Acid	UF	METALS	Aluminum	4	4	4	81275	32600	114000	5000	ug/L
E055.5	South Fork of Acid Canyon	UF	GENINORG	Chemical Oxygen Demand	1	1	1	161	161	161	120	mg/L
	South Fork of Acid Canyon	UF	GENINORG	Magnesium	1	1	1	5.84	5.84	5.84	0.0636	mg/L
	South Fork of Acid Canyon	UF	METALS	Aluminum	1	1	1	34200	34200	34200	5000	ug/L
E060	Pueblo above SR-502	UF	GENINORG	Chemical Oxygen Demand	3	3	3	250	187	294	120	mg/L
	Pueblo above SR-502	UF	GENINORG	Magnesium	3	3	3	12.00	9.4	16	0.0636	mg/L
	Pueblo above SR-502	UF	METALS	Aluminum	3	3	3	50567	24800	99800	5000	ug/L
E121	Sandia right fork at Power Plant	UF	GENINORG	Magnesium	5	5	5	4.26	2.9	6.72	0.0636	mg/L
	Sandia right fork at Power Plant	UF	METALS	Aluminum	4	4	4	13445	6980	16900	5000	ug/L
E122	Sandia left fork at Asphalt Plant	UF	GENINORG	Chemical Oxygen Demand	6	6	1	94	46.4	170	120	mg/L
	Sandia left fork at Asphalt Plant	UF	GENINORG	Magnesium	5	5	5	3.03	0.942	6.76	0.0636	mg/L
	Sandia left fork at Asphalt Plant	UF	METALS	Aluminum	5	5	4	16658	1090	43400	5000	ug/L
E123	Sandia below Wetlands	UF	GENINORG	Magnesium	4	4	4	10.28	8.3	11.7	0.0636	mg/L
	Sandia below Wetlands	UF	METALS	Aluminum	4	4	4	28650	15600	51000	5000	ug/L
E124	Sandia above Firing Range	UF	GENINORG	Chemical Oxygen Demand	3	3	2	287	8.89	449	120	mg/L
	Sandia above Firing Range	UF	GENINORG	Magnesium	3	3	3	9.20	6.7	10.7	0.0636	mg/L
	Sandia above Firing Range	UF	METALS	Aluminum	3	3	3	32350	6650	47300	5000	ug/L

Table I-3. Watershed Storm Water Monitoring, 2004
Analytical Results greater than wSAL
Summary for Potential Non-Laboratory Derived Pollutants

Station ID	Station Name	F/UF	Analytical Suite	Analyte	Number of Analyses	Number of Detects	Number > wSAL	Summary of Detected Results				
								Average	Minimum	Maximum	wSAL	Units
E200	Mortandad below Effluent Canyon	UF	GENINORG	Chemical Oxygen Demand	4	4	2	144	22	245	120	mg/L
	Mortandad below Effluent Canyon	UF	GENINORG	Magnesium	4	4	4	4.77	2.76	7.14	0.0636	mg/L
	Mortandad below Effluent Canyon	UF	METALS	Aluminum	4	4	4	25300	13300	42300	5000	ug/L
E201.3	Ten Site below MDA C	UF	GENINORG	Chemical Oxygen Demand	2	1	1	171	171	171	120	mg/L
	Ten Site below MDA C	UF	GENINORG	Magnesium	4	4	4	3.09	0.744	9.85	0.0636	mg/L
	Ten Site below MDA C	UF	METALS	Aluminum	3	3	1	23203	1370	65100	5000	ug/L
E201.5	Ten Site above Mortandad	UF	GENINORG	Chemical Oxygen Demand	1	1	1	242	242	242	120	mg/L
	Ten Site above Mortandad	UF	GENINORG	Magnesium	1	1	1	4.39	4.39	4.39	0.0636	mg/L
	Ten Site above Mortandad	UF	METALS	Aluminum	1	1	1	22200	22200	22200	5000	ug/L
E218	Canada del Buey near TA-46	UF	GENINORG	Chemical Oxygen Demand	3	3	1	171	5.9	500	120	mg/L
	Canada del Buey near TA-46	UF	GENINORG	Magnesium	3	3	3	7.34	3.16	14.3	0.0636	mg/L
	Canada del Buey near TA-46	UF	METALS	Aluminum	3	3	2	36028	783	92300	5000	ug/L
E227	MDA G-13	UF	GENINORG	Chemical Oxygen Demand	1	1	1	160	160	160	120	mg/L
	MDA G-13	UF	GENINORG	Magnesium	1	1	1	27.80	27.8	27.8	0.0636	mg/L
	MDA G-13	UF	METALS	Aluminum	1	1	1	79300	79300	79300	5000	ug/L
E230	Canada del Buey above SR-4	UF	GENINORG	Magnesium	3	3	3	44.13	22.2	84.9	0.0636	mg/L
	Canada del Buey above SR-4	UF	METALS	Aluminum	3	3	3	216467	64400	484000	5000	ug/L
E241	Pajarito above Starmers	UF	GENINORG	Magnesium	1	1	1	10.30	10.3	10.3	0.0636	mg/L
	Pajarito above Starmers	UF	METALS	Aluminum	1	1	1	8590	8590	8590	5000	ug/L
E242	Starmers above Pajarito	UF	GENINORG	Magnesium	2	2	2	12.30	12	12.6	0.0636	mg/L
	Starmers above Pajarito	UF	METALS	Aluminum	2	2	2	77350	70800	83900	5000	ug/L
E242.5	La Delfe above Pajarito	UF	GENINORG	Chemical Oxygen Demand	1	1	1	336	336	336	120	mg/L
	La Delfe above Pajarito	UF	GENINORG	Magnesium	1	1	1	5.17	5.17	5.17	0.0636	mg/L
	La Delfe above Pajarito	UF	METALS	Aluminum	1	1	1	18300	18300	18300	5000	ug/L
E243	Pajarito above Twomile	UF	GENINORG	Magnesium	1	1	1	4.27	4.27	4.27	0.0636	mg/L
E243.5	Twomile tributary at TA-3	UF	GENINORG	Chemical Oxygen Demand	7	5	1	83	55.7	121	120	mg/L
	Twomile tributary at TA-3	UF	GENINORG	Magnesium	8	8	8	0.64	0.247	1.7	0.0636	mg/L
E244	Twomile above Pajarito	UF	GENINORG	Chemical Oxygen Demand	2	2	2	1370	1170	1570	120	mg/L
	Twomile above Pajarito	UF	GENINORG	Magnesium	3	3	3	17.01	4.53	31	0.0636	mg/L
	Twomile above Pajarito	UF	METALS	Aluminum	3	3	2	79192	875	161000	5000	ug/L
E245	Pajarito above TA-18	UF	GENINORG	Magnesium	3	3	3	10.17	4.42	14.5	0.0636	mg/L
	Pajarito above TA-18	UF	METALS	Aluminum	3	3	2	49810	2530	86200	5000	ug/L
E245.5	Pajarito above Threemile	UF	GENINORG	Magnesium	4	4	4	16.34	4.2	27.6	0.0636	mg/L
	Pajarito above Threemile	UF	METALS	Aluminum	4	4	3	85385	2040	173000	5000	ug/L

Table I-3. Watershed Storm Water Monitoring, 2004
Analytical Results greater than wSAL
Summary for Potential Non-Laboratory Derived Pollutants

Station ID	Station Name	F/UF	Analytical Suite	Analyte	Number of Analyses	Number of Detects	Number > wSAL	Summary of Detected Results				
								Average	Minimum	Maximum	wSAL	Units
E246	Threemile above Pajarito	UF	GENINORG	Chemical Oxygen Demand	2	2	1	370	45.9	694	120	mg/L
	Threemile above Pajarito	UF	GENINORG	Magnesium	2	2	2	13.85	4.49	23.2	0.0636	mg/L
	Threemile above Pajarito	UF	METALS	Aluminum	2	2	2	67150	8300	126000	5000	ug/L
E247	MDA G-1	UF	GENINORG	Magnesium	3	3	3	15.29	9.26	23	0.0636	mg/L
	MDA G-1	UF	METALS	Aluminum	3	3	3	63067	30400	114000	5000	ug/L
E248.5	MDA G-6U	UF	GENINORG	Magnesium	3	3	3	3.69	2.37	4.93	0.0636	mg/L
	MDA G-6U	UF	METALS	Aluminum	3	3	3	13880	9340	20600	5000	ug/L
E249	MDA G-4	UF	GENINORG	Chemical Oxygen Demand	1	1	1	387	387	387	120	mg/L
	MDA G-4	UF	GENINORG	Magnesium	1	1	1	2.84	2.84	2.84	0.0636	mg/L
	MDA G-4	UF	METALS	Aluminum	1	1	1	5150	5150	5150	5000	ug/L
E250	Pajarito above SR-4	UF	GENINORG	Magnesium	2	2	2	6.68	6.3	7.05	0.0636	mg/L
	Pajarito above SR-4	UF	METALS	Aluminum	1	1	1	8130	8130	8130	5000	ug/L
E256	Canon de Valle below MDA P	UF	GENINORG	Chemical Oxygen Demand	3	3	3	350	182	606	120	mg/L
	Canon de Valle below MDA P	UF	GENINORG	Magnesium	3	3	3	22.03	13.4	35.2	0.0636	mg/L
	Canon de Valle below MDA P	UF	METALS	Aluminum	3	3	3	138633	76900	232000	5000	ug/L
E257	Canon de Valle tributary at Burn Grounds	UF	GENINORG	Chemical Oxygen Demand	4	4	1	96	56.1	186	120	mg/L
	Canon de Valle tributary at Burn Grounds	UF	GENINORG	Magnesium	4	4	4	6.46	3.11	11.9	0.0636	mg/L
	Canon de Valle tributary at Burn Grounds	UF	METALS	Aluminum	4	4	4	34360	6840	76000	5000	ug/L
E260	Water above S Site Canyon	UF	GENINORG	Chemical Oxygen Demand	1	1	1	464	464	464	120	mg/L
	Water above S Site Canyon	UF	GENINORG	Magnesium	2	2	2	8.45	5	11.9	0.0636	mg/L
	Water above S Site Canyon	UF	METALS	Aluminum	2	2	1	18364	227	36500	5000	ug/L
E261	S Site Canyon above Water	UF	GENINORG	Chemical Oxygen Demand	1	1	1	921	921	921	120	mg/L
	S Site Canyon above Water	UF	GENINORG	Magnesium	1	1	1	69.50	69.5	69.5	0.0636	mg/L
	S Site Canyon above Water	UF	METALS	Aluminum	1	1	1	397000	397000	397000	5000	ug/L
E262	Canon de Valle above Water	UF	GENINORG	Chemical Oxygen Demand	1	1	1	547	547	547	120	mg/L
	Canon de Valle above Water	UF	GENINORG	Magnesium	1	1	1	11.20	11.2	11.2	0.0636	mg/L
	Canon de Valle above Water	UF	METALS	Aluminum	1	1	1	30000	30000	30000	5000	ug/L
E262.5	Water below MDA AB	UF	GENINORG	Chemical Oxygen Demand	2	2	2	616	288	944	120	mg/L
	Water below MDA AB	UF	GENINORG	Magnesium	3	3	3	9.73	4.86	18.2	0.0636	mg/L
	Water below MDA AB	UF	METALS	Aluminum	3	3	2	40599	196	114000	5000	ug/L
E263	Water at SR-4	UF	GENINORG	Magnesium	2	2	2	38.05	20.2	55.9	0.0636	mg/L
	Water at SR-4	UF	METALS	Aluminum	2	2	2	166900	55800	278000	5000	ug/L
E265	Water below SR-4	UF	GENINORG	Magnesium	3	2	2	66.75	56.3	77.2	0.0636	mg/L
	Water below SR-4	UF	METALS	Aluminum	2	2	2	304500	293000	316000	5000	ug/L

Table I-4. Watershed Storm Water Monitoring, 2004
Analytical Results greater than wSAL
Summary for Gross Alpha

Station ID	Station Name	F/UF	Analytical Suite	Analyte	Number of Analyses	Number of Detects	Number > wSAL	Summary of Detected Results				
								Average	Minimum	Maximum	wSAL	Units
E030	Los Alamos above DP Canyon	UF	RAD	Gross alpha	4	4	4	146.7	54	291	15	pCi/L
E038	DP above TA-21	UF	RAD	Gross alpha	4	3	2	98.1	4.02	234	15	pCi/L
E039	DP below Meadow at TA-21	UF	RAD	Gross alpha	4	3	3	52.8	27.1	79.3	15	pCi/L
E040	DP above Los Alamos Canyon	UF	RAD	Gross alpha	4	4	4	165.4	59.8	368	15	pCi/L
E042	Los Alamos above SR-4	UF	RAD	Gross alpha	4	4	4	275.4	21.5	848	15	pCi/L
E055	Pueblo above Acid	UF	RAD	Gross alpha	4	4	4	142.0	65.5	214	15	pCi/L
E060	Pueblo above SR-502	UF	RAD	Gross alpha	3	3	3	44.5	16.1	85.1	15	pCi/L
E121	Sandia right fork at Power Plant	UF	RAD	Gross alpha	3	3	2	20.8	5.79	32	15	pCi/L
E124	Sandia above Firing Range	UF	RAD	Gross alpha	3	3	2	361.8	6.48	877	15	pCi/L
E200	Mortandad below Effluent Canyo	UF	RAD	Gross alpha	4	4	4	222.8	26.8	751	15	pCi/L
E218	Canada del Buey near TA-46	UF	RAD	Gross alpha	2	1	1	49.5	49.5	49.5	15	pCi/L
E230	Canada del Buey above SR-4	UF	RAD	Gross alpha	3	3	3	414.5	68.6	979	15	pCi/L
E243.5	Twomile tributary at TA-3	UF	RAD	Gross alpha	6	6	1	12.6	5.33	37.3	15	pCi/L
E244	Twomile above Pajarito	UF	RAD	Gross alpha	3	2	2	657.5	235	1080	15	pCi/L
E245	Pajarito above TA-18	UF	RAD	Gross alpha	2	1	1	29.7	29.7	29.7	15	pCi/L
E245.5	Pajarito above Threemile	UF	RAD	Gross alpha	3	2	2	227.5	221	234	15	pCi/L
E246	Threemile above Pajarito	UF	RAD	Gross alpha	2	2	2	206.0	148	264	15	pCi/L
E247	MDA G-1	UF	RAD	Gross alpha	2	2	2	361.4	81.7	641	15	pCi/L
E248.5	MDA G-6U	UF	RAD	Gross alpha	1	1	1	132.0	132	132	15	pCi/L
E262.5	Water below MDA AB	UF	RAD	Gross alpha	2	1	1	188.0	188	188	15	pCi/L
E263	Water at SR-4	UF	RAD	Gross alpha	1	1	1	604.0	604	604	15	pCi/L
E265	Water below SR-4	UF	RAD	Gross alpha	3	2	2	96.8	32.5	161	15	pCi/L

NOTE: Gross alpha values have not been corrected for the presence of radionuclides regulated under the Atomic Energy Acto of 1954.

Station ID	Station Name	Sample Date	F/UF	Sample ID	Detected Results						wSAL	
					Analytical Suite	Analyte	Result	Units	Lab Qualifier	LANL Qualifier	Value	Units
E026	Los Alamos below Ice Rink	4/28/2004	UF	GU04040M02601	GENINORG	Magnesium	4.44	mg/L			0.0636	mg/L
E030	Los Alamos above DP Canyon	4/4/2004	UF	GU04040E03002	GENINORG	Magnesium	11	mg/L			0.0636	mg/L
E030	Los Alamos above DP Canyon	4/4/2004	UF	GU04040E03002	METALS	Aluminum	42000	ug/L	E	J	5000	ug/L
E030	Los Alamos above DP Canyon	7/23/2004	UF	GU04070E03001	GENINORG	Chemical Oxygen Demand	779	mg/L		J	120	mg/L
E030	Los Alamos above DP Canyon	7/23/2004	UF	GU04070E03001	GENINORG	Magnesium	25.4	mg/L			0.0636	mg/L
E030	Los Alamos above DP Canyon	7/23/2004	UF	GU04070E03001	METALS	Aluminum	139000	ug/L			5000	ug/L
E030	Los Alamos above DP Canyon	7/23/2004	UF	GU04070E03001	METALS	Arsenic	26.3	ug/L	*		24.2	ug/L
E030	Los Alamos above DP Canyon	7/23/2004	UF	GU04070E03001	METALS	Lead	281	ug/L	E	J	126	ug/L
E030	Los Alamos above DP Canyon	7/23/2004	UF	GU04070E03001	METALS	Vanadium	180	ug/L			100	ug/L
E030	Los Alamos above DP Canyon	7/23/2004	UF	GU04070E03001	PEST/PCB	Aroclor-1260	0.12	ug/L		J	0.0017	ug/L
E030	Los Alamos above DP Canyon	7/27/2004	UF	GU04070E03002	GENINORG	Chemical Oxygen Demand	347	mg/L			120	mg/L
E030	Los Alamos above DP Canyon	7/27/2004	UF	GU04070E03002	RAD	Gross alpha	74.8	pCi/L			15	pCi/L
E030	Los Alamos above DP Canyon	8/18/2004	UF	GU04080E03001	GENINORG	Chemical Oxygen Demand	728	mg/L			120	mg/L
E030	Los Alamos above DP Canyon	8/18/2004	UF	GU04080E03001	GENINORG	Magnesium	16.5	mg/L			0.0636	mg/L
E030	Los Alamos above DP Canyon	8/18/2004	UF	GU04080E03001	METALS	Aluminum	73400	ug/L	E	J-	5000	ug/L
E030	Los Alamos above DP Canyon	8/18/2004	UF	GU04080E03001	METALS	Lead	294	ug/L	E	J	126	ug/L
E030	Los Alamos above DP Canyon	8/18/2004	UF	GU04080E03001	METALS	Vanadium	115	ug/L			100	ug/L
E030	Los Alamos above DP Canyon	8/18/2004	UF	GU04080E03001	RAD	Gross alpha	291	pCi/L			15	pCi/L
E030	Los Alamos above DP Canyon	8/20/2004	UF	GU04080E03002	GENINORG	Chemical Oxygen Demand	492	mg/L		J	120	mg/L
E030	Los Alamos above DP Canyon	8/20/2004	UF	GU04080E03002	GENINORG	Magnesium	22.8	mg/L			0.0636	mg/L
E030	Los Alamos above DP Canyon	8/20/2004	UF	GU04080E03002	METALS	Aluminum	37500	ug/L			5000	ug/L
E030	Los Alamos above DP Canyon	8/20/2004	UF	GU04080E03002	METALS	Lead	249	ug/L		J	126	ug/L
E030	Los Alamos above DP Canyon	8/20/2004	UF	GU04080E03002	METALS	Vanadium	119	ug/L			100	ug/L
E030	Los Alamos above DP Canyon	9/27/2004	UF	GU04090E03001	METALS	Mercury	1.2	ug/L			0.77	ug/L
E030	Los Alamos above DP Canyon	9/27/2004	UF	GU04090E03001	RAD	Gross alpha	167	pCi/L			15	pCi/L
E030	Los Alamos above DP Canyon	10/5/2004	UF	GU04100E03001	RAD	Gross alpha	54	pCi/L			15	pCi/L
E038	DP above TA-21	6/25/2004	UF	GU04060E03801	GENINORG	Chemical Oxygen Demand	461	mg/L			120	mg/L
E038	DP above TA-21	6/25/2004	UF	GU04060E03801	GENINORG	Magnesium	8.2	mg/L		J	0.0636	mg/L
E038	DP above TA-21	6/25/2004	UF	GU04060E03801	METALS	Aluminum	36600	ug/L		J	5000	ug/L
E038	DP above TA-21	7/18/2004	UF	GU04070E03801	GENINORG	Chemical Oxygen Demand	251	mg/L			120	mg/L
E038	DP above TA-21	7/18/2004	UF	GU04070E03801	GENINORG	Magnesium	8.13	mg/L	N	J-	0.0636	mg/L
E038	DP above TA-21	7/18/2004	UF	GU04070E03801	METALS	Aluminum	47400	ug/L	*		5000	ug/L
E038	DP above TA-21	7/18/2004	UF	GU04070E03801	METALS	Lead	162	ug/L			126	ug/L
E038	DP above TA-21	7/23/2004	UF	GU04070E03803	GENINORG	Chemical Oxygen Demand	233	mg/L		J	120	mg/L
E038	DP above TA-21	7/23/2004	UF	GU04070E03803	GENINORG	Magnesium	5.65	mg/L			0.0636	mg/L
E038	DP above TA-21	7/23/2004	UF	GU04070E03803	METALS	Aluminum	36500	ug/L			5000	ug/L
E038	DP above TA-21	7/23/2004	UF	GU04070E03803	RAD	Gross alpha	56.4	pCi/L			15	pCi/L

Station ID	Station Name	Sample Date	F/UF	Sample ID	Detected Results						wSAL	
					Analytical Suite	Analyte	Result	Units	Lab Qualifier	LANL Qualifier	Value	Units
E038	DP above TA-21	7/27/2004	UF	GU04070E03804	GENINORG	Chemical Oxygen Demand	208	mg/L			120	mg/L
E038	DP above TA-21	7/27/2004	UF	GU04070E03804	GENINORG	Magnesium	3.41	mg/L			0.0636	mg/L
E038	DP above TA-21	7/27/2004	UF	GU04070E03804	METALS	Aluminum	20300	ug/L			5000	ug/L
E038	DP above TA-21	8/16/2004	UF	GU04080E03801	RAD	Gross alpha	234	pCi/L			15	pCi/L
E039	DP below Meadow at TA-21	7/18/2004	UF	GU04070E03901	GENINORG	Chemical Oxygen Demand	211	mg/L			120	mg/L
E039	DP below Meadow at TA-21	7/18/2004	UF	GU04070E03901	GENINORG	Magnesium	7.71	mg/L	N	J-	0.0636	mg/L
E039	DP below Meadow at TA-21	7/18/2004	UF	GU04070E03901	METALS	Aluminum	49000	ug/L	*		5000	ug/L
E039	DP below Meadow at TA-21	7/18/2004	UF	GU04070E03901	RAD	Gross alpha	79.3	pCi/L			15	pCi/L
E039	DP below Meadow at TA-21	7/23/2004	UF	GU04070E03902	GENINORG	Chemical Oxygen Demand	202	mg/L		J	120	mg/L
E039	DP below Meadow at TA-21	7/23/2004	UF	GU04070E03902	GENINORG	Magnesium	6.41	mg/L			0.0636	mg/L
E039	DP below Meadow at TA-21	7/23/2004	UF	GU04070E03902	METALS	Aluminum	43600	ug/L			5000	ug/L
E039	DP below Meadow at TA-21	7/23/2004	UF	GU04070E03902	RAD	Gross alpha	52.1	pCi/L			15	pCi/L
E039	DP below Meadow at TA-21	7/27/2004	UF	GU04070E03903	GENINORG	Chemical Oxygen Demand	176	mg/L			120	mg/L
E039	DP below Meadow at TA-21	7/27/2004	UF	GU04070E03903	GENINORG	Magnesium	4.43	mg/L			0.0636	mg/L
E039	DP below Meadow at TA-21	7/27/2004	UF	GU04070E03903	METALS	Aluminum	28200	ug/L			5000	ug/L
E039	DP below Meadow at TA-21	7/27/2004	UF	GU04070E03903	RAD	Gross alpha	27.1	pCi/L			15	pCi/L
E040	DP above Los Alamos Canyon	7/18/2004	UF	GU04070E04001	GENINORG	Magnesium	19.7	mg/L	N	J-	0.0636	mg/L
E040	DP above Los Alamos Canyon	7/18/2004	UF	GU04070E04001	METALS	Aluminum	130000	ug/L	*		5000	ug/L
E040	DP above Los Alamos Canyon	7/18/2004	UF	GU04070E04001	METALS	Arsenic	30.9	ug/L			24.2	ug/L
E040	DP above Los Alamos Canyon	7/18/2004	UF	GU04070E04001	METALS	Lead	509	ug/L		J+	126	ug/L
E040	DP above Los Alamos Canyon	7/18/2004	UF	GU04070E04001	METALS	Vanadium	156	ug/L			100	ug/L
E040	DP above Los Alamos Canyon	7/18/2004	UF	GU04070E04001	RAD	Gross alpha	368	pCi/L			15	pCi/L
E040	DP above Los Alamos Canyon	7/27/2004	UF	GU04070E04002	GENINORG	Magnesium	7.77	mg/L			0.0636	mg/L
E040	DP above Los Alamos Canyon	7/27/2004	UF	GU04070E04002	METALS	Aluminum	46900	ug/L		J	5000	ug/L
E040	DP above Los Alamos Canyon	7/27/2004	UF	GU04070E04002	METALS	Lead	177	ug/L			126	ug/L
E040	DP above Los Alamos Canyon	7/27/2004	UF	GU04070E04002	RAD	Gross alpha	146	pCi/L			15	pCi/L
E040	DP above Los Alamos Canyon	8/11/2004	UF	GU04080E04001	GENINORG	Magnesium	12.2	mg/L			0.0636	mg/L
E040	DP above Los Alamos Canyon	8/11/2004	UF	GU04080E04001	METALS	Aluminum	69700	ug/L			5000	ug/L
E040	DP above Los Alamos Canyon	8/11/2004	UF	GU04080E04001	METALS	Lead	268	ug/L			126	ug/L
E040	DP above Los Alamos Canyon	8/11/2004	UF	GU04080E04001	RAD	Gross alpha	87.9	pCi/L			15	pCi/L
E040	DP above Los Alamos Canyon	8/15/2004	UF	GU04080E04002	GENINORG	Magnesium	15.6	mg/L			0.0636	mg/L
E040	DP above Los Alamos Canyon	8/15/2004	UF	GU04080E04002	METALS	Aluminum	92900	ug/L			5000	ug/L
E040	DP above Los Alamos Canyon	8/15/2004	UF	GU04080E04002	METALS	Lead	266	ug/L			126	ug/L
E040	DP above Los Alamos Canyon	8/15/2004	UF	GU04080E04002	METALS	Vanadium	122	ug/L			100	ug/L
E040	DP above Los Alamos Canyon	8/18/2004	UF	GU04080E04003	RAD	Gross alpha	59.8	pCi/L			15	pCi/L
E042	Los Alamos above SR-4	4/3/2004	UF	GU04040E04202	GENINORG	Magnesium	14.3	mg/L			0.0636	mg/L
E042	Los Alamos above SR-4	4/3/2004	UF	GU04040E04202	METALS	Aluminum	67200	ug/L	E	J	5000	ug/L

Station ID	Station Name	Sample Date	F/UF	Sample ID	Detected Results						wSAL	
					Analytical Suite	Analyte	Result	Units	Lab Qualifier	LANL Qualifier	Value	Units
E042	Los Alamos above SR-4	4/3/2004	UF	GU04040E04202	METALS	Lead	160	ug/L			126	ug/L
E042	Los Alamos above SR-4	7/23/2004	UF	GU04070E04201	GENINORG	Chemical Oxygen Demand	577	mg/L		J	120	mg/L
E042	Los Alamos above SR-4	7/23/2004	UF	GU04070E04201	GENINORG	Magnesium	9.28	mg/L			0.0636	mg/L
E042	Los Alamos above SR-4	7/23/2004	UF	GU04070E04201	METALS	Aluminum	50000	ug/L			5000	ug/L
E042	Los Alamos above SR-4	7/23/2004	UF	GU04070E04201	METALS	Lead	230	ug/L	E	J	126	ug/L
E042	Los Alamos above SR-4	7/23/2004	UF	GU04070E04201	RAD	Gross alpha	848	pCi/L			15	pCi/L
E042	Los Alamos above SR-4	8/20/2004	UF	GU04080E04201	GENINORG	Magnesium	26	mg/L			0.0636	mg/L
E042	Los Alamos above SR-4	8/20/2004	UF	GU04080E04201	METALS	Aluminum	117000	ug/L			5000	ug/L
E042	Los Alamos above SR-4	8/20/2004	UF	GU04080E04201	METALS	Arsenic	39.7	ug/L			24.2	ug/L
E042	Los Alamos above SR-4	8/20/2004	UF	GU04080E04201	METALS	Lead	412	ug/L	E	J+	126	ug/L
E042	Los Alamos above SR-4	8/20/2004	UF	GU04080E04201	METALS	Vanadium	171	ug/L			100	ug/L
E042	Los Alamos above SR-4	8/20/2004	UF	GU04080E04201	RAD	Gross alpha	118	pCi/L			15	pCi/L
E042	Los Alamos above SR-4	10/5/2004	UF	GU04100E04201	GENINORG	Chemical Oxygen Demand	457	mg/L			120	mg/L
E042	Los Alamos above SR-4	10/5/2004	UF	GU04100E04201	GENINORG	Magnesium	20.9	mg/L			0.0636	mg/L
E042	Los Alamos above SR-4	10/5/2004	UF	GU04100E04201	METALS	Aluminum	112000	ug/L	N		5000	ug/L
E042	Los Alamos above SR-4	10/5/2004	UF	GU04100E04201	METALS	Arsenic	29.5	ug/L			24.2	ug/L
E042	Los Alamos above SR-4	10/5/2004	UF	GU04100E04201	METALS	Lead	256	ug/L			126	ug/L
E042	Los Alamos above SR-4	10/5/2004	UF	GU04100E04201	METALS	Vanadium	139	ug/L			100	ug/L
E042	Los Alamos above SR-4	10/5/2004	UF	GU04100E04201	RAD	Gross alpha	114	pCi/L			15	pCi/L
E042	Los Alamos above SR-4	10/11/2004	UF	GU04100E04202	GENINORG	Chemical Oxygen Demand	180	mg/L			120	mg/L
E042	Los Alamos above SR-4	10/11/2004	UF	GU04100E04202	RAD	Gross alpha	21.5	pCi/L			15	pCi/L
E050	Los Alamos below LA Weir	4/28/2004	UF	GU04040M05001	GENINORG	Magnesium	6.33	mg/L			0.0636	mg/L
E055	Pueblo above Acid	7/23/2004	UF	GU04070E05501	GENINORG	Chemical Oxygen Demand	792	mg/L			120	mg/L
E055	Pueblo above Acid	7/23/2004	UF	GU04070E05501	GENINORG	Magnesium	22	mg/L	E		0.0636	mg/L
E055	Pueblo above Acid	7/23/2004	UF	GU04070E05501	METALS	Aluminum	114000	ug/L			5000	ug/L
E055	Pueblo above Acid	7/23/2004	UF	GU04070E05501	METALS	Arsenic	31	ug/L			24.2	ug/L
E055	Pueblo above Acid	7/23/2004	UF	GU04070E05501	METALS	Lead	270	ug/L			126	ug/L
E055	Pueblo above Acid	7/23/2004	UF	GU04070E05501	METALS	Vanadium	152	ug/L			100	ug/L
E055	Pueblo above Acid	7/23/2004	UF	GU04070E05501	RAD	Gross alpha	214	pCi/L			15	pCi/L
E055	Pueblo above Acid	8/18/2004	UF	GU04080E05501	GENINORG	Chemical Oxygen Demand	1490	mg/L			120	mg/L
E055	Pueblo above Acid	8/18/2004	UF	GU04080E05501	GENINORG	Magnesium	7.79	mg/L			0.0636	mg/L
E055	Pueblo above Acid	8/18/2004	UF	GU04080E05501	METALS	Aluminum	32600	ug/L	E	J-	5000	ug/L
E055	Pueblo above Acid	8/18/2004	UF	GU04080E05501	RAD	Gross alpha	201	pCi/L			15	pCi/L
E055	Pueblo above Acid	8/20/2004	UF	GU04080E05502	GENINORG	Chemical Oxygen Demand	379	mg/L			120	mg/L
E055	Pueblo above Acid	8/20/2004	UF	GU04080E05502	GENINORG	Magnesium	14.4	mg/L	E	J	0.0636	mg/L
E055	Pueblo above Acid	8/20/2004	UF	GU04080E05502	METALS	Aluminum	66500	ug/L			5000	ug/L
E055	Pueblo above Acid	8/20/2004	UF	GU04080E05502	RAD	Gross alpha	87.5	pCi/L			15	pCi/L

Station ID	Station Name	Sample Date	F/UF	Sample ID	Detected Results						wSAL	
					Analytical Suite	Analyte	Result	Units	Lab Qualifier	LANL Qualifier	Value	Units
E055	Pueblo above Acid	9/27/2004	UF	GU04090E05501	GENINORG	Chemical Oxygen Demand	369	mg/L			120	mg/L
E055	Pueblo above Acid	9/27/2004	UF	GU04090E05501	GENINORG	Magnesium	19.9	mg/L			0.0636	mg/L
E055	Pueblo above Acid	9/27/2004	UF	GU04090E05501	METALS	Aluminum	112000	ug/L			5000	ug/L
E055	Pueblo above Acid	9/27/2004	UF	GU04090E05501	METALS	Lead	236	ug/L			126	ug/L
E055	Pueblo above Acid	9/27/2004	UF	GU04090E05501	METALS	Vanadium	154	ug/L			100	ug/L
E055	Pueblo above Acid	9/27/2004	UF	GU04090E05501	RAD	Gross alpha	65.5	pCi/L			15	pCi/L
E055.5	South Fork of Acid Canyon	9/27/2004	UF	GU0409E055501	GENINORG	Chemical Oxygen Demand	161	mg/L			120	mg/L
E055.5	South Fork of Acid Canyon	9/27/2004	UF	GU0409E055501	GENINORG	Magnesium	5.84	mg/L	E		0.0636	mg/L
E055.5	South Fork of Acid Canyon	9/27/2004	UF	GU0409E055501	METALS	Aluminum	34200	ug/L	*		5000	ug/L
E060	Pueblo above SR-502	7/23/2004	UF	GU04070E06001	GENINORG	Chemical Oxygen Demand	187	mg/L		J	120	mg/L
E060	Pueblo above SR-502	7/23/2004	UF	GU04070E06001	GENINORG	Magnesium	10.6	mg/L			0.0636	mg/L
E060	Pueblo above SR-502	7/23/2004	UF	GU04070E06001	METALS	Aluminum	27100	ug/L			5000	ug/L
E060	Pueblo above SR-502	7/23/2004	UF	GU04070E06001	RAD	Gross alpha	32.2	pCi/L			15	pCi/L
E060	Pueblo above SR-502	7/27/2004	UF	GU04070E06002	GENINORG	Chemical Oxygen Demand	294	mg/L			120	mg/L
E060	Pueblo above SR-502	7/27/2004	UF	GU04070E06002	GENINORG	Magnesium	16	mg/L			0.0636	mg/L
E060	Pueblo above SR-502	7/27/2004	UF	GU04070E06002	METALS	Aluminum	99800	ug/L		J	5000	ug/L
E060	Pueblo above SR-502	7/27/2004	UF	GU04070E06002	METALS	Lead	167	ug/L			126	ug/L
E060	Pueblo above SR-502	7/27/2004	UF	GU04070E06002	METALS	Vanadium	111	ug/L			100	ug/L
E060	Pueblo above SR-502	7/27/2004	UF	GU04070E06002	RAD	Gross alpha	85.1	pCi/L			15	pCi/L
E060	Pueblo above SR-502	8/18/2004	UF	GU04080E06002	GENINORG	Chemical Oxygen Demand	268	mg/L			120	mg/L
E060	Pueblo above SR-502	8/18/2004	UF	GU04080E06002	GENINORG	Magnesium	9.4	mg/L			0.0636	mg/L
E060	Pueblo above SR-502	8/18/2004	UF	GU04080E06002	METALS	Aluminum	24800	ug/L	E	J-	5000	ug/L
E060	Pueblo above SR-502	8/18/2004	UF	GU04080E06002	RAD	Gross alpha	16.1	pCi/L			15	pCi/L
E121	Sandia right fork at Power Plant	2/25/2004	UF	GU04020E12101	GENINORG	Magnesium	6.72	mg/L			0.0636	mg/L
E121	Sandia right fork at Power Plant	7/27/2004	UF	GU04070E12101	GENINORG	Magnesium	3.46	mg/L			0.0636	mg/L
E121	Sandia right fork at Power Plant	7/27/2004	UF	GU04070E12101	METALS	Aluminum	16900	ug/L		J	5000	ug/L
E121	Sandia right fork at Power Plant	8/11/2004	UF	GU04080E12101	GENINORG	Magnesium	3.24	mg/L			0.0636	mg/L
E121	Sandia right fork at Power Plant	8/11/2004	UF	GU04080E12101	METALS	Aluminum	13900	ug/L			5000	ug/L
E121	Sandia right fork at Power Plant	8/18/2004	UF	GU04080E12102	GENINORG	Magnesium	2.9	mg/L			0.0636	mg/L
E121	Sandia right fork at Power Plant	8/18/2004	UF	GU04080E12102	METALS	Aluminum	6980	ug/L	N*	J+	5000	ug/L
E121	Sandia right fork at Power Plant	8/18/2004	UF	GU04080E12102	RAD	Gross alpha	24.7	pCi/L			15	pCi/L
E121	Sandia right fork at Power Plant	9/27/2004	UF	GU04090E12101	GENINORG	Magnesium	4.96	mg/L			0.0636	mg/L
E121	Sandia right fork at Power Plant	9/27/2004	UF	GU04090E12101	METALS	Aluminum	16000	ug/L	N		5000	ug/L
E121	Sandia right fork at Power Plant	9/27/2004	UF	GU04090E12101	RAD	Gross alpha	32	pCi/L			15	pCi/L
E122	Sandia left fork at Asphalt Plant	2/25/2004	UF	GU04020E12201	GENINORG	Magnesium	2.84	mg/L			0.0636	mg/L
E122	Sandia left fork at Asphalt Plant	2/25/2004	UF	GU04020E12201	METALS	Aluminum	10800	ug/L	N		5000	ug/L
E122	Sandia left fork at Asphalt Plant	4/6/2004	UF	GU04040E12201	GENINORG	Chemical Oxygen Demand	170	mg/L			120	mg/L

Station ID	Station Name	Sample Date	F/UF	Sample ID	Detected Results						wSAL	
					Analytical Suite	Analyte	Result	Units	Lab Qualifier	LANL Qualifier	Value	Units
E122	Sandia left fork at Asphalt Plant	4/11/2004	UF	GU04040E12202	GENINORG	Magnesium	0.942	mg/L		J	0.0636	mg/L
E122	Sandia left fork at Asphalt Plant	7/27/2004	UF	GU04070E12201	GENINORG	Magnesium	6.76	mg/L			0.0636	mg/L
E122	Sandia left fork at Asphalt Plant	7/27/2004	UF	GU04070E12201	METALS	Aluminum	43400	ug/L		J	5000	ug/L
E122	Sandia left fork at Asphalt Plant	8/11/2004	UF	GU04080E12201	GENINORG	Magnesium	2.72	mg/L			0.0636	mg/L
E122	Sandia left fork at Asphalt Plant	8/11/2004	UF	GU04080E12201	METALS	Aluminum	12500	ug/L			5000	ug/L
E122	Sandia left fork at Asphalt Plant	8/18/2004	UF	GU04080E12202	GENINORG	Magnesium	1.87	mg/L			0.0636	mg/L
E122	Sandia left fork at Asphalt Plant	8/18/2004	UF	GU04080E12202	METALS	Aluminum	15500	ug/L		J+	5000	ug/L
E123	Sandia below Wetlands	7/21/2004	UF	GU04070E12301	GENINORG	Magnesium	11.7	mg/L			0.0636	mg/L
E123	Sandia below Wetlands	7/21/2004	UF	GU04070E12301	METALS	Aluminum	17600	ug/L	N	J+	5000	ug/L
E123	Sandia below Wetlands	7/21/2004	UF	GU04070E12301	METALS	Silver	12.8	ug/L			4.1	ug/L
E123	Sandia below Wetlands	7/21/2004	UF	GU04070E12301	PEST/PCB	Aroclor-1254	0.21	ug/L			0.0017	ug/L
E123	Sandia below Wetlands	7/21/2004	UF	GU04070E12301	PEST/PCB	Aroclor-1260	0.24	ug/L			0.0017	ug/L
E123	Sandia below Wetlands	7/23/2004	UF	GU04070E12302	GENINORG	Magnesium	10.2	mg/L	E		0.0636	mg/L
E123	Sandia below Wetlands	7/23/2004	UF	GU04070E12302	METALS	Aluminum	51000	ug/L			5000	ug/L
E123	Sandia below Wetlands	7/23/2004	UF	GU04070E12302	METALS	Mercury	0.921	ug/L			0.77	ug/L
E123	Sandia below Wetlands	7/23/2004	UF	GU04070E12302	METALS	Silver	18.4	ug/L			4.1	ug/L
E123	Sandia below Wetlands	7/23/2004	UF	GU04070E12302	PEST/PCB	Aroclor-1254	0.67	ug/L		J-	0.0017	ug/L
E123	Sandia below Wetlands	7/23/2004	UF	GU04070E12302	PEST/PCB	Aroclor-1260	0.61	ug/L		J-	0.0017	ug/L
E123	Sandia below Wetlands	7/27/2004	UF	GU04070E12303	GENINORG	Magnesium	8.3	mg/L			0.0636	mg/L
E123	Sandia below Wetlands	7/27/2004	UF	GU04070E12303	METALS	Aluminum	15600	ug/L		J	5000	ug/L
E123	Sandia below Wetlands	7/27/2004	UF	GU04070E12303	METALS	Silver	7.5	ug/L			4.1	ug/L
E123	Sandia below Wetlands	7/27/2004	UF	GU04070E12303	PEST/PCB	Aroclor-1254	0.059	ug/L	J	J+	0.0017	ug/L
E123	Sandia below Wetlands	7/27/2004	UF	GU04070E12303	PEST/PCB	Aroclor-1260	0.076	ug/L	J	J+	0.0017	ug/L
E123	Sandia below Wetlands	8/11/2004	UF	GU04080E12301	GENINORG	Magnesium	10.9	mg/L			0.0636	mg/L
E123	Sandia below Wetlands	8/11/2004	UF	GU04080E12301	METALS	Aluminum	30400	ug/L			5000	ug/L
E123	Sandia below Wetlands	8/11/2004	UF	GU04080E12301	METALS	Mercury	0.87	ug/L			0.77	ug/L
E123	Sandia below Wetlands	8/11/2004	UF	GU04080E12301	METALS	Silver	21.1	ug/L			4.1	ug/L
E124	Sandia above Firing Range	8/18/2004	UF	GU04080E12402	GENINORG	Chemical Oxygen Demand	449	mg/L			120	mg/L
E124	Sandia above Firing Range	8/18/2004	UF	GU04080E12402	GENINORG	Magnesium	10.2	mg/L			0.0636	mg/L
E124	Sandia above Firing Range	8/18/2004	UF	GU04080E12402	METALS	Aluminum	43100	ug/L	E	J-	5000	ug/L
E124	Sandia above Firing Range	8/18/2004	UF	GU04080E12402	METALS	Silver	14.5	ug/L			4.1	ug/L
E124	Sandia above Firing Range	8/18/2004	UF	GU04080E12402	PEST/PCB	Aroclor-1260	0.098	ug/L	J		0.0017	ug/L
E124	Sandia above Firing Range	8/18/2004	UF	GU04080E12402	RAD	Gross alpha	877	pCi/L			15	pCi/L
E124	Sandia above Firing Range	8/20/2004	UF	GU04080E12403	GENINORG	Chemical Oxygen Demand	403	mg/L			120	mg/L
E124	Sandia above Firing Range	8/20/2004	UF	GU04080E12403	GENINORG	Magnesium	10.7	mg/L	E	J	0.0636	mg/L
E124	Sandia above Firing Range	8/20/2004	UF	GU04080E12403	METALS	Aluminum	47300	ug/L			5000	ug/L
E124	Sandia above Firing Range	8/20/2004	UF	GU04080E12403	RAD	Gross alpha	202	pCi/L			15	pCi/L

Station ID	Station Name	Sample Date	F/UF	Sample ID	Detected Results						wSAL	
					Analytical Suite	Analyte	Result	Units	Lab Qualifier	LANL Qualifier	Value	Units
E124	Sandia above Firing Range	10/26/2004	UF	GU04100E12401	GENINORG	Magnesium	6.7	mg/L			0.0636	mg/L
E124	Sandia above Firing Range	10/26/2004	UF	GU04100E12401	METALS	Aluminum	6650	ug/L			5000	ug/L
E200	Mortandad below Effluent Canyon	7/27/2004	UF	GU04070E20001	GENINORG	Magnesium	2.76	mg/L			0.0636	mg/L
E200	Mortandad below Effluent Canyon	7/27/2004	UF	GU04070E20001	METALS	Aluminum	13300	ug/L			5000	ug/L
E200	Mortandad below Effluent Canyon	7/27/2004	UF	GU04070E20001	RAD	Gross alpha	26.8	pCi/L			15	pCi/L
E200	Mortandad below Effluent Canyon	8/11/2004	UF	GU04080E20001	GENINORG	Chemical Oxygen Demand	245	mg/L			120	mg/L
E200	Mortandad below Effluent Canyon	8/11/2004	UF	GU04080E20001	GENINORG	Magnesium	5.63	mg/L			0.0636	mg/L
E200	Mortandad below Effluent Canyon	8/11/2004	UF	GU04080E20001	METALS	Aluminum	31300	ug/L			5000	ug/L
E200	Mortandad below Effluent Canyon	8/11/2004	UF	GU04080E20001	RAD	Gross alpha	39.4	pCi/L			15	pCi/L
E200	Mortandad below Effluent Canyon	8/18/2004	UF	GU04080E20002	GENINORG	Chemical Oxygen Demand	243	mg/L			120	mg/L
E200	Mortandad below Effluent Canyon	8/18/2004	UF	GU04080E20002	GENINORG	Magnesium	7.14	mg/L			0.0636	mg/L
E200	Mortandad below Effluent Canyon	8/18/2004	UF	GU04080E20002	METALS	Aluminum	42300	ug/L	E	J-	5000	ug/L
E200	Mortandad below Effluent Canyon	8/18/2004	UF	GU04080E20002	RAD	Gross alpha	751	pCi/L			15	pCi/L
E200	Mortandad below Effluent Canyon	8/20/2004	UF	GU04080E20003	GENINORG	Magnesium	3.53	mg/L			0.0636	mg/L
E200	Mortandad below Effluent Canyon	8/20/2004	UF	GU04080E20003	METALS	Aluminum	14300	ug/L			5000	ug/L
E200	Mortandad below Effluent Canyon	8/20/2004	UF	GU04080E20003	RAD	Gross alpha	74	pCi/L			15	pCi/L
E201.3	Ten Site below MDA C	4/2/2004	UF	GU0404E201302	GENINORG	Magnesium	0.935	mg/L			0.0636	mg/L
E201.3	Ten Site below MDA C	4/5/2004	UF	GU0404E201303	GENINORG	Magnesium	0.744	mg/L	*	J	0.0636	mg/L
E201.3	Ten Site below MDA C	7/23/2004	UF	GU0407E201301	GENINORG	Chemical Oxygen Demand	171	mg/L			120	mg/L
E201.3	Ten Site below MDA C	7/23/2004	UF	GU0407E201301	GENINORG	Magnesium	9.85	mg/L			0.0636	mg/L
E201.3	Ten Site below MDA C	7/23/2004	UF	GU0407E201301	METALS	Aluminum	65100	ug/L			5000	ug/L
E201.3	Ten Site below MDA C	10/6/2004	UF	GU0410E201301	GENINORG	Magnesium	0.824	mg/L			0.0636	mg/L
E201.5	Ten Site above Mortandad	8/15/2004	UF	GU0408E201501	GENINORG	Chemical Oxygen Demand	242	mg/L			120	mg/L
E201.5	Ten Site above Mortandad	8/15/2004	UF	GU0408E201501	GENINORG	Magnesium	4.39	mg/L		J	0.0636	mg/L
E201.5	Ten Site above Mortandad	8/15/2004	UF	GU0408E201501	METALS	Aluminum	22200	ug/L		J	5000	ug/L
E218	Canada del Buey near TA-46	8/15/2004	UF	GU04080E21801	GENINORG	Chemical Oxygen Demand	500	mg/L			120	mg/L
E218	Canada del Buey near TA-46	8/15/2004	UF	GU04080E21801	GENINORG	Magnesium	14.3	mg/L			0.0636	mg/L
E218	Canada del Buey near TA-46	8/15/2004	UF	GU04080E21801	METALS	Aluminum	92300	ug/L	E	J-	5000	ug/L
E218	Canada del Buey near TA-46	8/15/2004	UF	GU04080E21801	METALS	Arsenic	25.8	ug/L			24.2	ug/L
E218	Canada del Buey near TA-46	8/15/2004	UF	GU04080E21801	RAD	Gross alpha	49.5	pCi/L			15	pCi/L
E218	Canada del Buey near TA-46	10/4/2004	UF	GU04100E21801	GENINORG	Magnesium	4.55	mg/L			0.0636	mg/L
E218	Canada del Buey near TA-46	10/11/2004	UF	GU04100E21802	GENINORG	Magnesium	3.16	mg/L	N		0.0636	mg/L
E218	Canada del Buey near TA-46	10/11/2004	UF	GU04100E21802	METALS	Aluminum	15000	ug/L	EN		5000	ug/L
E227	MDA G-13	8/10/2004	UF	GU04080E22701	GENINORG	Chemical Oxygen Demand	160	mg/L		J	120	mg/L
E227	MDA G-13	8/10/2004	UF	GU04080E22701	GENINORG	Magnesium	27.8	mg/L			0.0636	mg/L
E227	MDA G-13	8/10/2004	UF	GU04080E22701	METALS	Aluminum	79300	ug/L			5000	ug/L
E227	MDA G-13	8/10/2004	UF	GU04080E22701	METALS	Vanadium	108	ug/L			100	ug/L

Station ID	Station Name	Sample Date	F/UF	Sample ID	Detected Results						wSAL	
					Analytical Suite	Analyte	Result	Units	Lab Qualifier	LANL Qualifier	Value	Units
E230	Canada del Buey above SR-4	8/10/2004	UF	GU04080E23001	GENINORG	Magnesium	84.9	mg/L			0.0636	mg/L
E230	Canada del Buey above SR-4	8/10/2004	UF	GU04080E23001	METALS	Aluminum	484000	ug/L			5000	ug/L
E230	Canada del Buey above SR-4	8/10/2004	UF	GU04080E23001	METALS	Arsenic	51.3	ug/L			24.2	ug/L
E230	Canada del Buey above SR-4	8/10/2004	UF	GU04080E23001	METALS	Lead	985	ug/L			126	ug/L
E230	Canada del Buey above SR-4	8/10/2004	UF	GU04080E23001	METALS	Selenium	5.6	ug/L	*		5	ug/L
E230	Canada del Buey above SR-4	8/10/2004	UF	GU04080E23001	METALS	Thallium	17.6	ug/L			6.3	ug/L
E230	Canada del Buey above SR-4	8/10/2004	UF	GU04080E23001	METALS	Vanadium	537	ug/L			100	ug/L
E230	Canada del Buey above SR-4	8/10/2004	UF	GU04080E23001	RAD	Gross alpha	979	pCi/L			15	pCi/L
E230	Canada del Buey above SR-4	8/19/2004	UF	GU04080E23002	GENINORG	Magnesium	22.2	mg/L			0.0636	mg/L
E230	Canada del Buey above SR-4	8/19/2004	UF	GU04080E23002	METALS	Aluminum	64400	ug/L			5000	ug/L
E230	Canada del Buey above SR-4	8/19/2004	UF	GU04080E23002	METALS	Vanadium	148	ug/L			100	ug/L
E230	Canada del Buey above SR-4	8/19/2004	UF	GU04080E23002	RAD	Gross alpha	196	pCi/L			15	pCi/L
E230	Canada del Buey above SR-4	10/5/2004	UF	GU04100E23001	GENINORG	Magnesium	25.3	mg/L			0.0636	mg/L
E230	Canada del Buey above SR-4	10/5/2004	UF	GU04100E23001	METALS	Aluminum	101000	ug/L			5000	ug/L
E230	Canada del Buey above SR-4	10/5/2004	UF	GU04100E23001	METALS	Vanadium	127	ug/L			100	ug/L
E230	Canada del Buey above SR-4	10/5/2004	UF	GU04100E23001	RAD	Gross alpha	68.6	pCi/L			15	pCi/L
E241	Pajarito above Starmers	10/5/2004	UF	GU04100E24101	GENINORG	Magnesium	10.3	mg/L			0.0636	mg/L
E241	Pajarito above Starmers	10/5/2004	UF	GU04100E24101	METALS	Aluminum	8590	ug/L	N		5000	ug/L
E242	Starmers above Pajarito	7/24/2004	UF	GU04070E24201	GENINORG	Magnesium	12.6	mg/L	E		0.0636	mg/L
E242	Starmers above Pajarito	7/24/2004	UF	GU04070E24201	METALS	Aluminum	83900	ug/L			5000	ug/L
E242	Starmers above Pajarito	7/24/2004	UF	GU04070E24201	METALS	Silver	12.7	ug/L			4.1	ug/L
E242	Starmers above Pajarito	10/5/2004	UF	GU04100E24201	GENINORG	Magnesium	12	mg/L	N		0.0636	mg/L
E242	Starmers above Pajarito	10/5/2004	UF	GU04100E24201	METALS	Aluminum	70800	ug/L	*		5000	ug/L
E242	Starmers above Pajarito	10/5/2004	UF	GU04100E24201	METALS	Silver	10.1	ug/L			4.1	ug/L
E242.5	La Delfe above Pajarito	7/24/2004	UF	GU0407E242501	GENINORG	Chemical Oxygen Demand	336	mg/L			120	mg/L
E242.5	La Delfe above Pajarito	7/24/2004	UF	GU0407E242501	GENINORG	Magnesium	5.17	mg/L	E		0.0636	mg/L
E242.5	La Delfe above Pajarito	7/24/2004	UF	GU0407E242501	METALS	Aluminum	18300	ug/L			5000	ug/L
E243	Pajarito above Twomile	4/27/2004	UF	GU04040M24301	GENINORG	Magnesium	4.27	mg/L			0.0636	mg/L
E243.5	Twomile tributary at TA-3	2/25/2004	UF	GU0402E243501	GENINORG	Magnesium	0.495	mg/L			0.0636	mg/L
E243.5	Twomile tributary at TA-3	4/2/2004	UF	GU0404E243503	GENINORG	Magnesium	0.308	mg/L			0.0636	mg/L
E243.5	Twomile tributary at TA-3	6/25/2004	UF	GU0406E243501	GENINORG	Magnesium	1.7	mg/L		J	0.0636	mg/L
E243.5	Twomile tributary at TA-3	6/25/2004	UF	GU0406E243501	RAD	Gross alpha	37.3	pCi/L			15	pCi/L
E243.5	Twomile tributary at TA-3	7/15/2004	UF	GU0407E243501	GENINORG	Chemical Oxygen Demand	121	mg/L			120	mg/L
E243.5	Twomile tributary at TA-3	7/15/2004	UF	GU0407E243501	GENINORG	Magnesium	0.961	mg/L			0.0636	mg/L
E243.5	Twomile tributary at TA-3	7/18/2004	UF	GU0407E243503	GENINORG	Magnesium	0.686	mg/L	N	J-	0.0636	mg/L
E243.5	Twomile tributary at TA-3	7/27/2004	UF	GU0407E243505	GENINORG	Magnesium	0.353	mg/L			0.0636	mg/L
E243.5	Twomile tributary at TA-3	9/4/2004	UF	GU0409E243501	GENINORG	Magnesium	0.341	mg/L			0.0636	mg/L

Station ID	Station Name	Sample Date	F/UF	Sample ID	Detected Results						wSAL	
					Analytical Suite	Analyte	Result	Units	Lab Qualifier	LANL Qualifier	Value	Units
E243.5	Twomile tributary at TA-3	9/19/2004	UF	GU0409E243502	GENINORG	Magnesium	0.247	mg/L		J	0.0636	mg/L
E244	Twomile above Pajarito	4/27/2004	UF	GU04040M24401	GENINORG	Magnesium	4.53	mg/L			0.0636	mg/L
E244	Twomile above Pajarito	7/23/2004	UF	GU04070E24401	GENINORG	Chemical Oxygen Demand	1170	mg/L			120	mg/L
E244	Twomile above Pajarito	7/23/2004	UF	GU04070E24401	GENINORG	Magnesium	31	mg/L			0.0636	mg/L
E244	Twomile above Pajarito	7/23/2004	UF	GU04070E24401	METALS	Aluminum	161000	ug/L			5000	ug/L
E244	Twomile above Pajarito	7/23/2004	UF	GU04070E24401	METALS	Arsenic	45.9	ug/L	*		24.2	ug/L
E244	Twomile above Pajarito	7/23/2004	UF	GU04070E24401	METALS	Lead	259	ug/L	E	J	126	ug/L
E244	Twomile above Pajarito	7/23/2004	UF	GU04070E24401	METALS	Selenium	6.23	ug/L		JN-	5	ug/L
E244	Twomile above Pajarito	7/23/2004	UF	GU04070E24401	METALS	Vanadium	204	ug/L			100	ug/L
E244	Twomile above Pajarito	7/23/2004	UF	GU04070E24401	RAD	Gross alpha	1080	pCi/L			15	pCi/L
E244	Twomile above Pajarito	8/18/2004	UF	GU04080E24401	GENINORG	Chemical Oxygen Demand	1570	mg/L			120	mg/L
E244	Twomile above Pajarito	8/18/2004	UF	GU04080E24401	GENINORG	Magnesium	15.5	mg/L			0.0636	mg/L
E244	Twomile above Pajarito	8/18/2004	UF	GU04080E24401	METALS	Aluminum	75700	ug/L	E	J-	5000	ug/L
E244	Twomile above Pajarito	8/18/2004	UF	GU04080E24401	METALS	Arsenic	26.1	ug/L			24.2	ug/L
E244	Twomile above Pajarito	8/18/2004	UF	GU04080E24401	METALS	Lead	154	ug/L	E	J	126	ug/L
E244	Twomile above Pajarito	8/18/2004	UF	GU04080E24401	METALS	Vanadium	101	ug/L			100	ug/L
E244	Twomile above Pajarito	8/18/2004	UF	GU04080E24401	RAD	Gross alpha	235	pCi/L			15	pCi/L
E245	Pajarito above TA-18	4/26/2004	UF	GU04040M24501	GENINORG	Magnesium	4.42	mg/L			0.0636	mg/L
E245	Pajarito above TA-18	7/27/2004	UF	GU04070E24501	GENINORG	Magnesium	14.5	mg/L			0.0636	mg/L
E245	Pajarito above TA-18	7/27/2004	UF	GU04070E24501	METALS	Aluminum	86200	ug/L			5000	ug/L
E245	Pajarito above TA-18	10/11/2004	UF	GU04100E24501	GENINORG	Magnesium	11.6	mg/L	N		0.0636	mg/L
E245	Pajarito above TA-18	10/11/2004	UF	GU04100E24501	METALS	Aluminum	60700	ug/L	EN		5000	ug/L
E245	Pajarito above TA-18	10/11/2004	UF	GU04100E24501	RAD	Gross alpha	29.7	pCi/L			15	pCi/L
E245.5	Pajarito above Threemile	4/26/2004	UF	GU0404M245501	GENINORG	Magnesium	4.2	mg/L			0.0636	mg/L
E245.5	Pajarito above Threemile	7/24/2004	UF	GU0407E245501	GENINORG	Magnesium	27.6	mg/L			0.0636	mg/L
E245.5	Pajarito above Threemile	7/24/2004	UF	GU0407E245501	METALS	Aluminum	155000	ug/L		J	5000	ug/L
E245.5	Pajarito above Threemile	7/24/2004	UF	GU0407E245501	METALS	Arsenic	42.5	ug/L			24.2	ug/L
E245.5	Pajarito above Threemile	7/24/2004	UF	GU0407E245501	METALS	Lead	230	ug/L			126	ug/L
E245.5	Pajarito above Threemile	7/24/2004	UF	GU0407E245501	METALS	Vanadium	189	ug/L			100	ug/L
E245.5	Pajarito above Threemile	7/24/2004	UF	GU0407E245501	RAD	Gross alpha	234	pCi/L			15	pCi/L
E245.5	Pajarito above Threemile	8/18/2004	UF	GU0408E245501	GENINORG	Magnesium	25.7	mg/L			0.0636	mg/L
E245.5	Pajarito above Threemile	8/18/2004	UF	GU0408E245501	METALS	Aluminum	173000	ug/L	E	J-	5000	ug/L
E245.5	Pajarito above Threemile	8/18/2004	UF	GU0408E245501	METALS	Arsenic	43.1	ug/L			24.2	ug/L
E245.5	Pajarito above Threemile	8/18/2004	UF	GU0408E245501	METALS	Lead	209	ug/L	E	J+	126	ug/L
E245.5	Pajarito above Threemile	8/18/2004	UF	GU0408E245501	METALS	Vanadium	175	ug/L			100	ug/L
E245.5	Pajarito above Threemile	8/18/2004	UF	GU0408E245501	RAD	Gross alpha	221	pCi/L			15	pCi/L
E245.5	Pajarito above Threemile	10/5/2004	UF	GU0410E245501	GENINORG	Magnesium	7.85	mg/L			0.0636	mg/L

Station ID	Station Name	Sample Date	F/UF	Sample ID	Detected Results						wSAL	
					Analytical Suite	Analyte	Result	Units	Lab Qualifier	LANL Qualifier	Value	Units
E245.5	Pajarito above Threemile	10/5/2004	UF	GU0410E245501	METALS	Aluminum	11500	ug/L	*		5000	ug/L
E246	Threemile above Pajarito	7/24/2004	UF	GU04070E24601	GENINORG	Chemical Oxygen Demand	694	mg/L			120	mg/L
E246	Threemile above Pajarito	7/24/2004	UF	GU04070E24601	GENINORG	Magnesium	23.2	mg/L			0.0636	mg/L
E246	Threemile above Pajarito	7/24/2004	UF	GU04070E24601	METALS	Aluminum	126000	ug/L		J	5000	ug/L
E246	Threemile above Pajarito	7/24/2004	UF	GU04070E24601	METALS	Arsenic	30.5	ug/L			24.2	ug/L
E246	Threemile above Pajarito	7/24/2004	UF	GU04070E24601	METALS	Lead	240	ug/L			126	ug/L
E246	Threemile above Pajarito	7/24/2004	UF	GU04070E24601	METALS	Vanadium	177	ug/L			100	ug/L
E246	Threemile above Pajarito	7/24/2004	UF	GU04070E24601	RAD	Gross alpha	148	pCi/L			15	pCi/L
E246	Threemile above Pajarito	8/20/2004	UF	GU04080E24601	GENINORG	Magnesium	4.49	mg/L			0.0636	mg/L
E246	Threemile above Pajarito	8/20/2004	UF	GU04080E24601	METALS	Aluminum	8300	ug/L			5000	ug/L
E246	Threemile above Pajarito	8/20/2004	UF	GU04080E24601	RAD	Gross alpha	264	pCi/L			15	pCi/L
E247	MDA G-1	8/10/2004	UF	GU04080E24701	GENINORG	Magnesium	13.6	mg/L			0.0636	mg/L
E247	MDA G-1	8/10/2004	UF	GU04080E24701	METALS	Aluminum	30400	ug/L			5000	ug/L
E247	MDA G-1	8/10/2004	UF	GU04080E24701	RAD	Gross alpha	641	pCi/L			15	pCi/L
E247	MDA G-1	10/5/2004	UF	GU04100E24701	GENINORG	Magnesium	23	mg/L			0.0636	mg/L
E247	MDA G-1	10/5/2004	UF	GU04100E24701	METALS	Aluminum	114000	ug/L			5000	ug/L
E247	MDA G-1	10/5/2004	UF	GU04100E24701	METALS	Vanadium	146	ug/L			100	ug/L
E247	MDA G-1	10/5/2004	UF	GU04100E24701	RAD	Gross alpha	81.7	pCi/L			15	pCi/L
E247	MDA G-1	10/11/2004	UF	GU04100E24702	GENINORG	Magnesium	9.26	mg/L			0.0636	mg/L
E247	MDA G-1	10/11/2004	UF	GU04100E24702	METALS	Aluminum	44800	ug/L			5000	ug/L
E248.5	MDA G-6U	4/2/2004	UF	GU0404E248502	GENINORG	Magnesium	4.93	mg/L			0.0636	mg/L
E248.5	MDA G-6U	4/2/2004	UF	GU0404E248502	METALS	Aluminum	20600	ug/L	E	J	5000	ug/L
E248.5	MDA G-6U	7/24/2004	UF	GU0407E248501	GENINORG	Magnesium	3.78	mg/L			0.0636	mg/L
E248.5	MDA G-6U	7/24/2004	UF	GU0407E248501	METALS	Aluminum	9340	ug/L			5000	ug/L
E248.5	MDA G-6U	8/10/2004	UF	GU0408E248501	RAD	Gross alpha	132	pCi/L			15	pCi/L
E248.5	MDA G-6U	9/25/2004	UF	GU0409E248501	GENINORG	Magnesium	2.37	mg/L			0.0636	mg/L
E248.5	MDA G-6U	9/25/2004	UF	GU0409E248501	METALS	Aluminum	11700	ug/L	N*	J+	5000	ug/L
E249	MDA G-4	8/10/2004	UF	GU04080E24901	GENINORG	Chemical Oxygen Demand	387	mg/L		J	120	mg/L
E249	MDA G-4	8/10/2004	UF	GU04080E24901	GENINORG	Magnesium	2.84	mg/L			0.0636	mg/L
E249	MDA G-4	8/10/2004	UF	GU04080E24901	METALS	Aluminum	5150	ug/L			5000	ug/L
E250	Pajarito above SR-4	4/8/2004	UF	GU04040E25002	GENINORG	Magnesium	6.3	mg/L		J	0.0636	mg/L
E250	Pajarito above SR-4	4/8/2004	UF	GU04040E25001	GENINORG	Magnesium	7.05	mg/L			0.0636	mg/L
E250	Pajarito above SR-4	4/8/2004	UF	GU04040E25001	METALS	Aluminum	8130	ug/L	E	J	5000	ug/L
E256	Canon de Valle below MDA P	7/27/2004	UF	GU04070E25601	GENINORG	Chemical Oxygen Demand	182	mg/L			120	mg/L
E256	Canon de Valle below MDA P	7/27/2004	UF	GU04070E25601	GENINORG	Magnesium	17.5	mg/L			0.0636	mg/L
E256	Canon de Valle below MDA P	7/27/2004	UF	GU04070E25601	METALS	Aluminum	107000	ug/L		J	5000	ug/L
E256	Canon de Valle below MDA P	7/27/2004	UF	GU04070E25601	METALS	Lead	163	ug/L			126	ug/L

Station ID	Station Name	Sample Date	F/UF	Sample ID	Detected Results						wSAL	
					Analytical Suite	Analyte	Result	Units	Lab Qualifier	LANL Qualifier	Value	Units
E256	Canon de Valle below MDA P	7/27/2004	UF	GU04070E25601	METALS	Vanadium	119	ug/L			100	ug/L
E256	Canon de Valle below MDA P	8/11/2004	UF	GU04080E25601	GENINORG	Chemical Oxygen Demand	606	mg/L			120	mg/L
E256	Canon de Valle below MDA P	8/11/2004	UF	GU04080E25601	GENINORG	Magnesium	13.4	mg/L			0.0636	mg/L
E256	Canon de Valle below MDA P	8/11/2004	UF	GU04080E25601	METALS	Aluminum	76900	ug/L			5000	ug/L
E256	Canon de Valle below MDA P	8/20/2004	UF	GU04080E25602	GENINORG	Chemical Oxygen Demand	262	mg/L			120	mg/L
E256	Canon de Valle below MDA P	8/20/2004	UF	GU04080E25602	GENINORG	Magnesium	35.2	mg/L		J+	0.0636	mg/L
E256	Canon de Valle below MDA P	8/20/2004	UF	GU04080E25602	METALS	Aluminum	232000	ug/L		J+	5000	ug/L
E256	Canon de Valle below MDA P	8/20/2004	UF	GU04080E25602	METALS	Arsenic	43.1	ug/L			24.2	ug/L
E256	Canon de Valle below MDA P	8/20/2004	UF	GU04080E25602	METALS	Lead	135	ug/L			126	ug/L
E256	Canon de Valle below MDA P	8/20/2004	UF	GU04080E25602	METALS	Vanadium	229	ug/L			100	ug/L
E257	Canon de Valle tributary at Burn Grounds	4/8/2004	UF	GU04040E25701	GENINORG	Magnesium	3.11	mg/L	*	J	0.0636	mg/L
E257	Canon de Valle tributary at Burn Grounds	4/8/2004	UF	GU04040E25701	METALS	Aluminum	6840	ug/L	E	J	5000	ug/L
E257	Canon de Valle tributary at Burn Grounds	7/23/2004	UF	GU04070E25701	GENINORG	Magnesium	11.9	mg/L			0.0636	mg/L
E257	Canon de Valle tributary at Burn Grounds	7/23/2004	UF	GU04070E25701	METALS	Aluminum	76000	ug/L			5000	ug/L
E257	Canon de Valle tributary at Burn Grounds	7/27/2004	UF	GU04070E25702	GENINORG	Chemical Oxygen Demand	186	mg/L			120	mg/L
E257	Canon de Valle tributary at Burn Grounds	7/27/2004	UF	GU04070E25702	GENINORG	Magnesium	6.66	mg/L			0.0636	mg/L
E257	Canon de Valle tributary at Burn Grounds	7/27/2004	UF	GU04070E25702	METALS	Aluminum	42400	ug/L		J	5000	ug/L
E257	Canon de Valle tributary at Burn Grounds	8/11/2004	UF	GU04080E25701	GENINORG	Magnesium	4.15	mg/L			0.0636	mg/L
E257	Canon de Valle tributary at Burn Grounds	8/11/2004	UF	GU04080E25701	METALS	Aluminum	12200	ug/L			5000	ug/L
E260	Water above S Site Canyon	4/27/2004	UF	GU04040M26001	GENINORG	Magnesium	5	mg/L			0.0636	mg/L
E260	Water above S Site Canyon	8/20/2004	UF	GU04080E26001	GENINORG	Chemical Oxygen Demand	464	mg/L		J	120	mg/L
E260	Water above S Site Canyon	8/20/2004	UF	GU04080E26001	GENINORG	Magnesium	11.9	mg/L			0.0636	mg/L
E260	Water above S Site Canyon	8/20/2004	UF	GU04080E26001	METALS	Aluminum	36500	ug/L			5000	ug/L
E261	S Site Canyon above Water	8/20/2004	UF	GU04080E26101	GENINORG	Chemical Oxygen Demand	921	mg/L			120	mg/L
E261	S Site Canyon above Water	8/20/2004	UF	GU04080E26101	GENINORG	Magnesium	69.5	mg/L		J+	0.0636	mg/L
E261	S Site Canyon above Water	8/20/2004	UF	GU04080E26101	METALS	Aluminum	397000	ug/L		J+	5000	ug/L
E261	S Site Canyon above Water	8/20/2004	UF	GU04080E26101	METALS	Arsenic	95.1	ug/L			24.2	ug/L
E261	S Site Canyon above Water	8/20/2004	UF	GU04080E26101	METALS	Lead	225	ug/L			126	ug/L
E261	S Site Canyon above Water	8/20/2004	UF	GU04080E26101	METALS	Vanadium	483	ug/L			100	ug/L
E262	Canon de Valle above Water	8/20/2004	UF	GU04080E26201	GENINORG	Chemical Oxygen Demand	547	mg/L		J	120	mg/L
E262	Canon de Valle above Water	8/20/2004	UF	GU04080E26201	GENINORG	Magnesium	11.2	mg/L			0.0636	mg/L

Station ID	Station Name	Sample Date	F/UF	Sample ID	Detected Results						wSAL	
					Analytical Suite	Analyte	Result	Units	Lab Qualifier	LANL Qualifier	Value	Units
E262	Canon de Valle above Water	8/20/2004	UF	GU04080E26201	METALS	Aluminum	30000	ug/L			5000	ug/L
E262.5	Water below MDA AB	4/27/2004	UF	GU0404M262501	GENINORG	Magnesium	4.86	mg/L			0.0636	mg/L
E262.5	Water below MDA AB	8/19/2004	UF	GU0408E262501	GENINORG	Chemical Oxygen Demand	944	mg/L			120	mg/L
E262.5	Water below MDA AB	8/19/2004	UF	GU0408E262501	GENINORG	Magnesium	18.2	mg/L		J+	0.0636	mg/L
E262.5	Water below MDA AB	8/19/2004	UF	GU0408E262501	METALS	Aluminum	114000	ug/L		J+	5000	ug/L
E262.5	Water below MDA AB	8/19/2004	UF	GU0408E262501	METALS	Vanadium	125	ug/L			100	ug/L
E262.5	Water below MDA AB	10/5/2004	UF	GU0410E262501	GENINORG	Chemical Oxygen Demand	288	mg/L			120	mg/L
E262.5	Water below MDA AB	10/5/2004	UF	GU0410E262501	GENINORG	Magnesium	6.12	mg/L			0.0636	mg/L
E262.5	Water below MDA AB	10/5/2004	UF	GU0410E262501	METALS	Aluminum	7600	ug/L	*		5000	ug/L
E262.5	Water below MDA AB	10/5/2004	UF	GU0410E262501	METALS	Selenium	7	ug/L			5	ug/L
E262.5	Water below MDA AB	10/5/2004	UF	GU0410E262501	RAD	Gross alpha	188	pCi/L			15	pCi/L
E263	Water at SR-4	8/18/2004	UF	GU04080E26301	GENINORG	Magnesium	55.9	mg/L		J+	0.0636	mg/L
E263	Water at SR-4	8/18/2004	UF	GU04080E26301	METALS	Aluminum	278000	ug/L			5000	ug/L
E263	Water at SR-4	8/18/2004	UF	GU04080E26301	METALS	Arsenic	51.6	ug/L			24.2	ug/L
E263	Water at SR-4	8/18/2004	UF	GU04080E26301	METALS	Lead	246	ug/L			126	ug/L
E263	Water at SR-4	8/18/2004	UF	GU04080E26301	METALS	Vanadium	318	ug/L			100	ug/L
E263	Water at SR-4	8/18/2004	UF	GU04080E26301	RAD	Gross alpha	604	pCi/L			15	pCi/L
E263	Water at SR-4	8/20/2004	UF	GU04080E26302	GENINORG	Magnesium	20.2	mg/L	E	J	0.0636	mg/L
E263	Water at SR-4	8/20/2004	UF	GU04080E26302	METALS	Aluminum	55800	ug/L			5000	ug/L
E263	Water at SR-4	8/20/2004	UF	GU04080E26302	METALS	Arsenic	25.4	ug/L			24.2	ug/L
E263	Water at SR-4	8/20/2004	UF	GU04080E26302	METALS	Lead	379	ug/L			126	ug/L
E263	Water at SR-4	8/20/2004	UF	GU04080E26302	METALS	Vanadium	135	ug/L			100	ug/L
E265	Water below SR-4	8/11/2004	UF	GU04080E26502	GENINORG	Magnesium	56.3	mg/L		J+	0.0636	mg/L
E265	Water below SR-4	8/11/2004	UF	GU04080E26502	METALS	Aluminum	316000	ug/L			5000	ug/L
E265	Water below SR-4	8/11/2004	UF	GU04080E26502	METALS	Arsenic	60	ug/L			24.2	ug/L
E265	Water below SR-4	8/11/2004	UF	GU04080E26502	METALS	Lead	282	ug/L			126	ug/L
E265	Water below SR-4	8/11/2004	UF	GU04080E26502	METALS	Vanadium	338	ug/L			100	ug/L
E265	Water below SR-4	8/11/2004	UF	GU04080E26502	RAD	Gross alpha	32.5	pCi/L			15	pCi/L
E265	Water below SR-4	8/20/2004	UF	GU04080E26503	GENINORG	Magnesium	77.2	mg/L	E	J	0.0636	mg/L
E265	Water below SR-4	8/20/2004	UF	GU04080E26503	METALS	Aluminum	293000	ug/L			5000	ug/L
E265	Water below SR-4	8/20/2004	UF	GU04080E26503	METALS	Arsenic	73.5	ug/L		J+	24.2	ug/L
E265	Water below SR-4	8/20/2004	UF	GU04080E26503	METALS	Lead	405	ug/L			126	ug/L
E265	Water below SR-4	8/20/2004	UF	GU04080E26503	METALS	Silver	6	ug/L		J-	4.1	ug/L
E265	Water below SR-4	8/20/2004	UF	GU04080E26503	METALS	Vanadium	375	ug/L		J+	100	ug/L
E265	Water below SR-4	8/20/2004	UF	GU04080E26503	RAD	Gross alpha	161	pCi/L			15	pCi/L

Table I-6. Watershed Storm Water Monitoring, 2004
Analytical Results for Metals

						Analyte	Ag		Ag		Al		Al		As		As		Ba		Be
						Anyl Meth Code	EPA:200.7		EPA:200.8		EPA:200.7		EPA:200.8		EPA:200.7		EPA:200.8		EPA:200.7		EPA:2
						Std Uom	ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L
							Sym	Result	Sym	Result	Sym	Result	Sym	Result	Sym	Result	Sym	Result	Sym	Result	Sym
Location Synonym	Location Name	Fld Matrix Code	Fld Qc Type Code	Fld Prep Code	Lab Sample Type Code	Sample Id															
E026	Los Alamos below Ice Rink	WM		F	CS	GF04040M02601	<	0.819				462			<	1.67				61.8	<
E026	Los Alamos below Ice Rink	WM		F	DUP	GF04040M02601	<	0.819				414			<	1.67				55.1	<
E026	Los Alamos below Ice Rink	WM		UF	CS	GU04040M02601	<	0.819				1440			<	1.67				46.1	<
E026	Los Alamos below Ice Rink	WM		UF	DUP	GU04040M02601	<	0.819				1320			<	1.67				46.7	<
E026	Los Alamos below Ice Rink	WT		F	CS	GF04050E02601	<	0.819			<	37.3			<	1.67			<	0.301	<
E026	Los Alamos below Ice Rink	WT		F	DUP	GF04050E02601	<	0.819			<	20.4			<	1.67			<	0.301	<
E026	Los Alamos below Ice Rink	WT		UF	CS	GU04050E02601	<	0.819			<	24			<	1.67			<	0.301	<
E026	Los Alamos below Ice Rink	WT		UF	DUP	GU04050E02601	<	0.819			<	30.8			<	1.67			<	0.301	<
E026	Los Alamos below Ice Rink	WT	EQB	F	CS	GF04080E02601	<	0.819			<	14.4			<	1.67			<	0.301	<
E026	Los Alamos below Ice Rink	WT	EQB	UF	CS	GU04080E02601	<	0.819			<	14.4			<	1.67			<	0.301	<
E030	Los Alamos above DP Canyon	WT		UF	CS	GU04040E03002	<	0.819				42000				10.1				592	
E030	Los Alamos above DP Canyon	WT		F	CS	GF04070E03001	<	0.82				2820			<	1.7				43.9	<
E030	Los Alamos above DP Canyon	WT		UF	CS	GU04070E03001	<	0.82				139000				26.3				1900	
E030	Los Alamos above DP Canyon	WT		F	CS	GF04080E03001	<	0.819				785			<	4.2				28.3	<
E030	Los Alamos above DP Canyon	WT		UF	CS	GU04080E03001	<	0.819				73400				20.6				1730	
E030	Los Alamos above DP Canyon	WT		F	CS	GF04080E03002	<	0.819				1060			<	2.4				33.4	<
E030	Los Alamos above DP Canyon	WT		UF	CS	GU04080E03002	<	0.819				37500				22.1				2230	
E030	Los Alamos above DP Canyon	WT		F	CS	GF04090E03001	<	0.819				218			<	1.67				19	<
E030	Los Alamos above DP Canyon	WT		UF	CS	GU04090E03001															
E038	DP above TA-21	WT		UF	CS	GU04060E03801	<	0.819				36600				13.8				426	<
E038	DP above TA-21	WT		F	CS	GF04060E03801	<	0.819				21700			<	6.71				255	<
E038	DP above TA-21	WT		F	DUP	GF04060E03801	<	0.82	<	0.473		20300				6.98		5.75		248	<
E038	DP above TA-21	WT	FD	F	CS	GF04070E03890	<	0.82				303			<	1.71				17.6	<
E038	DP above TA-21	WT	FD	UF	CS	GU04070E03890	<	0.82				46900				14				463	<
E038	DP above TA-21	WT		F	CS	GF04070E03801	<	0.82				513			<	1.7				17.9	<
E038	DP above TA-21	WT		UF	CS	GU04070E03801	<	0.82				47400				14.4				480	<
E038	DP above TA-21	WT		UF	CS	GU04070E03802															
E038	DP above TA-21	WT		F	CS	GF04070E03802	<	0.82				1040			<	1.7				17.6	<
E038	DP above TA-21	WT		UF	CS	GU04070E03803	<	0.82				36500				9.23				352	<
E038	DP above TA-21	WT		F	CS	GF04070E03803	<	0.819				439			<	1.67				15.4	<
E038	DP above TA-21	WT		F	DUP	GF04070E03803	<	0.819	<	0.23		385			<	1.67				15.3	<
E038	DP above TA-21	WT		UF	CS	GU04070E03804	<	0.819				20300			<	2.3				177	<
E038	DP above TA-21	WT		UF	DUP	GU04070E03804	<	0.819	<	0.23		18400				7.42		5.16		172	<
E039	DP below Meadow at TA-21	WT		F	CS	GF04050E03901	<	0.819			<	14.4			<	1.67			<	1.5	<
E039	DP below Meadow at TA-21	WT		UF	CS	GU04050E03901	<	0.819			<	14.4			<	1.67			<	0.301	<
E039	DP below Meadow at TA-21	WT		F	CS	GF04070E03901	<	0.82				1650			<	1.7				24.7	<
E039	DP below Meadow at TA-21	WT		UF	CS	GU04070E03901	<	0.82				49000				13.3				439	<
E039	DP below Meadow at TA-21	WT		F	CS	GF04070E03902	<	0.82				1140			<	1.7				23.9	<
E039	DP below Meadow at TA-21	WT		UF	CS	GU04070E03902	<	0.82				43600				12.1				393	<
E039	DP below Meadow at TA-21	WT		F	CS	GF04070E03903	<	0.819				725			<	1.67				17.8	<
E039	DP below Meadow at TA-21	WT		UF	CS	GU04070E03903	<	0.819				28200			<	2.1				241	<
E039	DP below Meadow at TA-21	WT	EQB	F	CS	GF04070E03904	<	0.819			<	14.4			<	1.67			<	0.301	<
E039	DP below Meadow at TA-21	WT	EQB	F	DUP	GF04070E03904	<	0.819			<	14.4			<	1.67			<	0.301	<
E039	DP below Meadow at TA-21	WT	EQB	UF	CS	GU04070E03904	<	0.819			<	14.4			<	1.67			<	0.301	<

Table I-6. Watershed Storm Water Monitoring, 2004
Analytical Results for Metals

						Analyte	Ag		Ag		Al		Al		As		As		Ba		Be
						Anyl Meth Code	EPA:200.7		EPA:200.8		EPA:200.7		EPA:200.8		EPA:200.7		EPA:200.8		EPA:200.7		EPA:2
						Std Uom	ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L
							Sym	Result	Sym	Result	Sym	Result	Sym	Result	Sym	Result	Sym	Result	Sym	Result	Sym
Location Synonym	Location Name	Fld Matrix Code	Fld Qc Type Code	Fld Prep Code	Lab Sample Type Code	Sample Id															
E040	DP above Los Alamos Canyon	WT		F	CS	GF04070E04001	<	0.82				397			<	1.7				33	<
E040	DP above Los Alamos Canyon	WT		F	DUP	GF04070E04001	<	0.82	<	0.23		639		1100	<	1.92	<	0.53		32.8	<
E040	DP above Los Alamos Canyon	WT		UF	CS	GU04070E04001	<	0.82				130000				30.9				1300	
E040	DP above Los Alamos Canyon	WT		UF	DUP	GU04070E04001	<	0.82		1.88		123000		204000		27.6		30.6		1300	
E040	DP above Los Alamos Canyon	WT		F	CS	GF04070E04002	<	0.819				1080			<	1.67				26	<
E040	DP above Los Alamos Canyon	WT		UF	CS	GU04070E04002	<	0.819				46900				11.1				472	<
E040	DP above Los Alamos Canyon	WT		F	CS	GF04080E04001	<	0.819				943			<	1.67				51.4	<
E040	DP above Los Alamos Canyon	WT		F	DUP	GF04080E04001	<	0.819	<	0.23		905			<	2.23		2.21		49.4	<
E040	DP above Los Alamos Canyon	WT		UF	CS	GU04080E04001	<	0.819				69700				23				734	
E040	DP above Los Alamos Canyon	WT		F	CS	GF04080E04002	<	0.819				896			<	3.8				31.1	<
E040	DP above Los Alamos Canyon	WT		UF	CS	GU04080E04002	<	0.819				92900				22.8				846	
E040	DP above Los Alamos Canyon	WT		UF	DUP	GU04080E04002	<	0.819		0.828		83800				21.8		17.7		817	
E042	Los Alamos above SR-4	WT		UF	CS	GU04040E04202	<	0.819				67200				14.9				771	
E042	Los Alamos above SR-4	WT		UF	DUP	GU04040E04202															
E042	Los Alamos above SR-4	WT		F	CS	GF04070E04201	<	0.82				4430				6.04				80.3	<
E042	Los Alamos above SR-4	WT		UF	CS	GU04070E04201	<	0.82				50000				13.4				808	
E042	Los Alamos above SR-4	WT		UF	DUP	GU04070E04201	<	0.82				49200				12.8				806	
E042	Los Alamos above SR-4	WT		F	CS	GF04080E04201	<	0.819				854			<	2.5				32.9	<
E042	Los Alamos above SR-4	WT		UF	CS	GU04080E04201	<	0.819				117000				39.7				1660	
E042	Los Alamos above SR-4	WT		UF	DUP	GU04080E04201	<	0.819	<	0.869		116000				39.7		21.9		1620	
E042	Los Alamos above SR-4	WT		F	CS	GF04100E04201	<	0.819				284			<	1.67				22.3	<
E042	Los Alamos above SR-4	WT		UF	CS	GU04100E04201	<	0.819				112000				29.5				1060	
E042	Los Alamos above SR-4	WT		F	CS	GF04100E04202	<	0.819				1250			<	4.4				22.7	<
E050	Los Alamos below LA Weir	WM		F	CS	GF04040M05001	<	0.819				106			<	1.67				63.7	<
E050	Los Alamos below LA Weir	WM		UF	CS	GU04040M05001	<	0.819				1140			<	1.82				75.9	<
E055	Pueblo above Acid	WT		F	CS	GF04070E05501	<	0.819				674			<	1.67				33	<
E055	Pueblo above Acid	WT		F	DUP	GF04070E05501	<	0.819	<	0.23		673		691	<	1.67	<	1.86		32.7	<
E055	Pueblo above Acid	WT		UF	CS	GU04070E05501	<	0.819				114000				31				1770	
E055	Pueblo above Acid	WT		UF	DUP	GU04070E05501	<	0.819	<	0.547		110000		89300		29.2		20		1720	
E055	Pueblo above Acid	WT		F	CS	GF04080E05501	<	0.819				484			<	3				20.5	<
E055	Pueblo above Acid	WT		UF	CS	GU04080E05501	<	0.819				32600			<	13.4				878	
E055	Pueblo above Acid	WT		F	CS	GF04080E05502	<	0.819				558			<	3.6				45.2	<
E055	Pueblo above Acid	WT		UF	CS	GU04080E05502	<	0.89				66500			<	16.9				773	<
E055	Pueblo above Acid	WT		F	CS	GF04090E05501	<	0.819				86.3			<	1.67				17.3	<
E055	Pueblo above Acid	WT		F	DUP	GF04090E05501	<	0.819				106				1.74				17.2	<
E055	Pueblo above Acid	WT		UF	CS	GU04090E05501	<	0.819				112000				23.6				1280	
E055	Pueblo above Acid	WT		UF	DUP	GU04090E05501	<	0.819				109000				23.5				1300	
E0555	South Fork of Acid Canyon	WT		F	CS	GF0409E055501	<	0.89				125			<	1.67				10	<
E0555	South Fork of Acid Canyon	WT		F	DUP	GF0409E055501	<	0.819				377			<	1.67				10.1	<
E0555	South Fork of Acid Canyon	WT		UF	CS	GU0409E055501	<	1.6				34200				11.5				294	
E0555	South Fork of Acid Canyon	WT		UF	DUP	GU0409E055501		1.34				32100				7.98				285	
E060	Pueblo above SR-502	WT		F	CS	GF04050E06001	<	0.819			<	27.7			<	1.67			<	0.301	<
E060	Pueblo above SR-502	WT		F	DUP	GF04050E06001	<	0.819			<	32.7			<	1.67			<	0.301	<
E060	Pueblo above SR-502	WT		UF	CS	GU04050E06001	<	0.819			<	23.5			<	1.67			<	0.301	<

Table I-6. Watershed Storm Water Monitoring, 2004
Analytical Results for Metals

						Analyte	Ag		Ag		Al		Al		As		As		Ba		Be
						Anyl Meth Code	EPA:200.7		EPA:200.8		EPA:200.7		EPA:200.8		EPA:200.7		EPA:200.8		EPA:200.7		EPA:2
						Std Uom	ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L
							Sym	Result	Sym	Result	Sym	Result	Sym	Result	Sym	Result	Sym	Result	Sym	Result	Sym
Location Synonym	Location Name	Fld Matrix Code	Fld Qc Type Code	Fld Prep Code	Lab Sample Type Code	Sample Id															
E060	Pueblo above SR-502	WT		UF	DUP	GU04050E06001	<	0.819			<	28.2			<	1.67			<	0.301	<
E060	Pueblo above SR-502	WT		F	CS	GF04070E06001	<	0.82				2170				6.74				53.2	<
E060	Pueblo above SR-502	WT		F	DUP	GF04070E06001	<	0.82				2170			<	1.7				52.4	<
E060	Pueblo above SR-502	WT		UF	CS	GU04070E06001	<	0.82				27100				9.65				177	<
E060	Pueblo above SR-502	WT		F	CS	GF04070E06002	<	0.819				599			<	1.67				38.3	<
E060	Pueblo above SR-502	WT		UF	CS	GU04070E06002	<	1.2				99800				22.5				612	
E060	Pueblo above SR-502	WT	EQB	F	CS	GF04080E06001	<	0.819			<	14.4			<	1.67			<	0.301	<
E060	Pueblo above SR-502	WT	EQB	F	DUP	GF04080E06001	<	0.819			<	14.4			<	1.67			<	0.301	<
E060	Pueblo above SR-502	WT	EQB	UF	CS	GU04080E06001	<	0.819			<	35.4			<	1.67			<	0.43	<
E060	Pueblo above SR-502	WT	EQB	UF	DUP	GU04080E06001	<	0.819			<	40.7			<	1.67			<	0.407	<
E060	Pueblo above SR-502	WT		F	CS	GF04080E06002	<	0.819				382			<	6.7				28.1	<
E060	Pueblo above SR-502	WT		UF	CS	GU04080E06002	<	0.819				24800			<	12.5				243	<
E121	Sandia right fork at Power Plant	WT		UF	CS	GU04020E12101				0.341							<	1.83			
E121	Sandia right fork at Power Plant	WT		F	CS	GF04070E12101	<	0.819				116			<	1.67				14.5	<
E121	Sandia right fork at Power Plant	WT		UF	CS	GU04070E12101	<	0.819				16900			<	3.6				126	<
E121	Sandia right fork at Power Plant	WT		F	CS	GF04080E12101	<	0.819				313			<	1.67				11	<
E121	Sandia right fork at Power Plant	WT		F	DUP	GF04080E12101	<	0.819				297			<	1.67				10.7	<
E121	Sandia right fork at Power Plant	WT		UF	CS	GU04080E12101	<	0.819				13900			<	1.67				134	<
E121	Sandia right fork at Power Plant	WT		UF	DUP	GU04080E12101	<	0.819				11900			<	1.87				125	<
E121	Sandia right fork at Power Plant	WT		F	CS	GF04080E12102	<	0.819				477			<	2.7				11.7	<
E121	Sandia right fork at Power Plant	WT		F	DUP	GF04080E12102	<	0.819	<	0.23		731			<	1.67		3.4		11.9	<
E121	Sandia right fork at Power Plant	WT		UF	CS	GU04080E12102	<	0.819				6980			<	1.67				74.4	<
E121	Sandia right fork at Power Plant	WT		UF	DUP	GU04080E12102	<	0.819		0.389		7210			<	3.1		6.15		76	<
E121	Sandia right fork at Power Plant	WT		F	CS	GF04090E12101	<	0.819				5590			<	1.67				56.1	<
E121	Sandia right fork at Power Plant	WT		F	DUP	GF04090E12101	<	0.819				5760				3.05				56.2	
E121	Sandia right fork at Power Plant	WT		UF	CS	GU04090E12101		1.3				16000				2.5				126	<
E121	Sandia right fork at Power Plant	WT		UF	DUP	GU04090E12101	<	0.819				15800			<	1.67				125	
E122	Sandia left fork at Asphalt Plant	WT		UF	CS	GU04020E12201			<	0.23				10800			<	2.39			
E122	Sandia left fork at Asphalt Plant	WT		UF	CS	GU04040E12201															
E122	Sandia left fork at Asphalt Plant	WT		UF	DUP	GU04040E12201															
E122	Sandia left fork at Asphalt Plant	WT		F	CS	GF04040E12201	<	0.819				581			<	1.67				20	<
E122	Sandia left fork at Asphalt Plant	WT		F	DUP	GF04040E12201		1.049				549				3.89				19.3	<
E122	Sandia left fork at Asphalt Plant	WT		UF	CS	GU04040E12202	<	0.819				1090			<	1.67				81.9	<
E122	Sandia left fork at Asphalt Plant	WT		F	CS	GF04070E12201	<	0.819				460			<	1.67				14.2	<
E122	Sandia left fork at Asphalt Plant	WT		UF	CS	GU04070E12201	<	0.819				43400				6.8				297	<
E122	Sandia left fork at Asphalt Plant	WT		F	CS	GF04080E12201	<	0.819				419			<	1.67				21.3	<
E122	Sandia left fork at Asphalt Plant	WT		UF	CS	GU04080E12201	<	0.819				12500			<	1.67				136	<
E122	Sandia left fork at Asphalt Plant	WT		F	CS	GF04080E12202	<	0.819				4080				5.1				207	<
E122	Sandia left fork at Asphalt Plant	WT		UF	CS	GU04080E12202	<	0.819				15500			<	2.4				86.3	<
E123	Sandia below Wetlands	WT		F	CS	GF04070E12301	<	0.82			<	72.8			<	1.7				29.8	<
E123	Sandia below Wetlands	WT		F	DUP	GF04070E12301	<	0.82			<	60.3			<	1.7				29.1	<
E123	Sandia below Wetlands	WT		UF	CS	GU04070E12301		12.8				17600				6				593	<
E123	Sandia below Wetlands	WT		UF	DUP	GU04070E12301		12.6				16600				7.9				580	<
E123	Sandia below Wetlands	WT		F	CS	GF04070E12302	<	0.819				606			<	3.08				25.9	<

Table I-6. Watershed Storm Water Monitoring, 2004
Analytical Results for Metals

						Analyte	Ag		Ag		Al		Al		As		As		Ba		Be
						Anyl Meth Code	EPA:200.7		EPA:200.8		EPA:200.7		EPA:200.8		EPA:200.7		EPA:200.8		EPA:200.7		EPA:2
						Std Uom	ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L
							Sym	Result	Sym	Result	Sym	Result	Sym	Result	Sym	Result	Sym	Result	Sym	Result	Sym
Location Synonym	Location Name	Fld Matrix Code	Fld Qc Type Code	Fld Prep Code	Lab Sample Type Code	Sample Id															
E123	Sandia below Wetlands	WT		UF	CS	GU04070E12302		18.4				51000				13.4				476	<
E123	Sandia below Wetlands	WT		F	CS	GF04070E12303	<	0.819				185			<	1.67				28.8	<
E123	Sandia below Wetlands	WT		UF	CS	GU04070E12303		7.5				15600			<	4.7				204	<
E123	Sandia below Wetlands	WT		F	CS	GF04080E12301	<	0.819				218			<	1.67				21.7	<
E123	Sandia below Wetlands	WT		UF	CS	GU04080E12301		21.1				30400				7.8				383	<
E124	Sandia above Firing Range	WT		UF	CS	GU04080E12401															
E124	Sandia above Firing Range	WT		F	CS	GF04080E12401	<	0.819				381			<	5.5				27.1	<
E124	Sandia above Firing Range	WT		UF	CS	GU04080E12402		14.5				43100			<	14.7				462	<
E124	Sandia above Firing Range	WT		F	CS	GF04080E12402	<	0.819				1020			<	3.3				29.2	<
E124	Sandia above Firing Range	WT		UF	CS	GU04080E12403	<	1.2				47300			<	16.6				568	
E124	Sandia above Firing Range	WT		F	CS	GF04100E12401	<	0.819				200				1.7				28.5	<
E124	Sandia above Firing Range	WT		F	DUP	GF04100E12401	<	0.819				195				4.75				27.8	<
E124	Sandia above Firing Range	WT		UF	CS	GU04100E12401	<	0.819				6650				1.7				86.4	<
E200	Mortandad below Effluent Canyon	WT		F	CS	GF04070E20001	<	0.819				1720			<	1.67				20.8	<
E200	Mortandad below Effluent Canyon	WT		UF	CS	GU04070E20001	<	0.819				13300			<	2.8				96.5	<
E200	Mortandad below Effluent Canyon	WT		UF	DUP	GU04070E20001															
E200	Mortandad below Effluent Canyon	WT		F	CS	GF04080E20001	<	0.819				862			<	1.67				18.7	<
E200	Mortandad below Effluent Canyon	WT		UF	CS	GU04080E20001	<	0.819				31300				5.7				284	<
E200	Mortandad below Effluent Canyon	WT		F	CS	GF04080E20002	<	0.819				1280			<	4				16.2	<
E200	Mortandad below Effluent Canyon	WT		F	DUP	GF04080E20002	<	0.819				1160			<	3.74				15.1	<
E200	Mortandad below Effluent Canyon	WT		UF	CS	GU04080E20002	<	0.819				42300			<	17.4				429	<
E200	Mortandad below Effluent Canyon	WT		F	CS	GF04080E20003	<	0.819				1340			<	3.3				20.3	<
E200	Mortandad below Effluent Canyon	WT		UF	CS	GU04080E20003	<	0.819				14300			<	6.4				131	<
E201.3	Ten Site below MDA C	WT		UF	CS	GU0404E201302	<	0.819				3140				23.7				53	
E201.3	Ten Site below MDA C	WT		UF	CS	GU0404E201303			<	0.23								12.5			
E201.3	Ten Site below MDA C	WT		F	CS	GF0404E201301	<	0.819				1090				4.27				20.7	<
E201.3	Ten Site below MDA C	WT		F	DUP	GF0404E201301		0.932				1050				1.72				19.4	<
E201.3	Ten Site below MDA C	WT		F	CS	GF0407E201301	<	0.82				1260				5.94				16.5	<
E201.3	Ten Site below MDA C	WT		UF	CS	GU0407E201301	<	0.82				65100				18.9				835	
E201.3	Ten Site below MDA C	WT		F	CS	GF0410E201301	<	0.819				953			<	9.2				32.7	<
E201.3	Ten Site below MDA C	WT		F	DUP	GF0410E201301	<	0.819				892				9.04				31.9	<
E201.3	Ten Site below MDA C	WT		UF	CS	GU0410E201301	<	0.92				1370			<	6.1				38.4	<
E201.3	Ten Site below MDA C	WT		UF	DUP	GU0410E201301	<	0.819				2380				6.55				40.7	<
E201.5	Ten Site above Mortandad	WT		F	CS	GF0408E201501	<	0.819				1530			<	1.67				16.7	<
E201.5	Ten Site above Mortandad	WT		F	DUP	GF0408E201501	<	0.819				1530			<	1.67				16.8	<
E201.5	Ten Site above Mortandad	WT		UF	CS	GU0408E201501	<	0.819				22200			<	4.6				299	<
E218	Canada del Buey near TA-46	WT		F	CS	GF04080E21801	<	0.819				1430			<	2.3				26	<
E218	Canada del Buey near TA-46	WT		UF	CS	GU04080E21801	<	0.819				92300				25.8				915	
E218	Canada del Buey near TA-46	WT		F	CS	GF04100E21801	<	0.819				22.4			<	1.67				31.3	<
E218	Canada del Buey near TA-46	WT		F	DUP	GF04100E21801	<	0.819	<	0.23		22.4				1.78	<	0.53		30.5	<
E218	Canada del Buey near TA-46	WT		UF	CS	GU04100E21801	<	0.819				783			<	1.67				39.3	<
E218	Canada del Buey near TA-46	WT		F	CS	GF04100E21802	<	0.819				7690			<	2.6				45.2	<
E218	Canada del Buey near TA-46	WT		F	DUP	GF04100E21802	<	0.819				8240				2.66				46.8	
E218	Canada del Buey near TA-46	WT		UF	CS	GU04100E21802	<	0.819				15000			<	4.7				99.4	<

Table I-6. Watershed Storm Water Monitoring, 2004
Analytical Results for Metals

						Analyte	Ag		Ag		Al		Al		As		As		Ba		Be
						Anyl Meth Code	EPA:200.7		EPA:200.8		EPA:200.7		EPA:200.8		EPA:200.7		EPA:200.8		EPA:200.7		EPA:2
						Std Uom	ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L
							Sym	Result	Sym	Result	Sym	Result	Sym	Result	Sym	Result	Sym	Result	Sym	Result	Sym
Location Synonym	Location Name	Fld Matrix Code	Fld Qc Type Code	Fld Prep Code	Lab Sample Type Code	Sample Id															
E227	MDA G-13	WT		F	CS	GF04080E22701	<	0.819				361			<	2.9				29.7	<
E227	MDA G-13	WT		F	DUP	GF04080E22701	<	0.819	<	0.23		370			<	2	<	1.51		29.4	<
E227	MDA G-13	WT		UF	CS	GU04080E22701	<	0.819				79300				22.4				629	
E227	MDA G-13	WT		UF	DUP	GU04080E22701	<	0.819		2.39		77700				20		13.4		656	
E230	Canada del Buey above SR-4	WT		F	CS	GF04080E23001	<	0.819				696			<	4.1				44.2	<
E230	Canada del Buey above SR-4	WT		F	DUP	GF04080E23001	<	0.819	<	0.23		604			<	1.67	<	0.53		46.1	<
E230	Canada del Buey above SR-4	WT		UF	CS	GU04080E23001	<	0.819				484000				51.3				3260	
E230	Canada del Buey above SR-4	WT		UF	DUP	GU04080E23001	<	0.819				475000				47.1				3240	
E230	Canada del Buey above SR-4	WT		F	CS	GF04080E23002	<	0.819				1100			<	1.67				50.7	<
E230	Canada del Buey above SR-4	WT		F	DUP	GF04080E23002	<	0.819				1150				5.98				53	<
E230	Canada del Buey above SR-4	WT		UF	CS	GU04080E23002	<	0.819				64400				16.3				2790	
E230	Canada del Buey above SR-4	WT		UF	DUP	GU04080E23002	<	0.819				67100				13.7				2790	
E230	Canada del Buey above SR-4	WT		F	CS	GF04100E23001	<	0.819				1490			<	2.6				28.6	<
E230	Canada del Buey above SR-4	WT		UF	CS	GU04100E23001	<	0.819				101000				18.3				2960	
E240	Pajarito below SR-501	WT		F	CS	GF04050E24001	<	0.819			<	21.9			<	1.67			<	0.301	<
E240	Pajarito below SR-501	WT		UF	CS	GU04050E24001	<	0.819			<	17.1			<	1.67			<	0.301	<
E240	Pajarito below SR-501	WT		UF	DUP	GU04050E24001															
E240	Pajarito below SR-501	WT	EQB	F	CS	GF04080E24001	<	0.819			<	14.4			<	3.2			<	0.301	<
E240	Pajarito below SR-501	WT	EQB	UF	CS	GU04080E24001	<	0.819			<	14.4			<	1.67			<	0.301	<
E241	Pajarito above Starmers	WT		F	CS	GF04100E24101		0.94				6320			<	1.67				61.5	<
E241	Pajarito above Starmers	WT		F	DUP	GF04100E24101	<	0.819				7430				3.71				64.9	
E241	Pajarito above Starmers	WT		UF	CS	GU04100E24101	<	0.819				8590			<	4.8				1270	
E241	Pajarito above Starmers	WT		UF	DUP	GU04100E24101	<	0.819				8850				4.08				1240	
E242	Starmers above Pajarito	WT		F	CS	GF04070E24201	<	0.819				785			<	3.31				29	<
E242	Starmers above Pajarito	WT		UF	CS	GU04070E24201		12.7				83900				12.3				831	
E242	Starmers above Pajarito	WT		F	CS	GF04100E24201	<	0.819				2020			<	1.67				33.3	<
E242	Starmers above Pajarito	WT		F	DUP	GF04100E24201	<	0.819				2660			<	1.67				35.2	<
E242	Starmers above Pajarito	WT		UF	CS	GU04100E24201		10.1				70800			<	10.4				705	
E242	Starmers above Pajarito	WT		UF	DUP	GU04100E24201		11.6				83300				9.87				711	
E242.5	La Delfe above Pajarito	WT		F	CS	GF0407E242501	<	0.819				588			<	3.48				31.1	<
E242.5	La Delfe above Pajarito	WT		UF	CS	GU0407E242501	<	0.819				18300			<	6.48				767	<
E243	Pajarito above Twomile	WM		F	CS	GF04040M24301	<	0.819				1030			<	1.67				61.2	<
E243	Pajarito above Twomile	WM		F	DUP	GF04040M24301	<	0.819				1140			<	1.67				56.8	<
E243	Pajarito above Twomile	WM		UF	CS	GU04040M24301	<	0.819				1660			<	1.67				66.6	<
E243	Pajarito above Twomile	WM		UF	DUP	GU04040M24301	<	0.907				2080			<	1.67				67.7	<
E243.5	Twomile tributary at TA-3	WT		UF	CS	GU0402E243501				0.303				1640			<	0.53			
E243.5	Twomile tributary at TA-3	WT		UF	CS	GU0404E243503	<	0.819				804			<	1.67				15.6	<
E243.5	Twomile tributary at TA-3	WT		UF	DUP	GU0404E243503	<	0.819				725			<	1.67				15.5	<
E243.5	Twomile tributary at TA-3	WT	EQB	UF	CS	GU0405E243501	<	0.819			<	14.4			<	1.67			<	0.301	<
E243.5	Twomile tributary at TA-3	WT	EQB	UF	DUP	GU0405E243501															
E243.5	Twomile tributary at TA-3	WT		F	CS	GF0405E243501	<	0.819			<	14.4			<	1.67			<	0.301	<
E243.5	Twomile tributary at TA-3	WT		UF	CS	GU0406E243501	<	0.819				1060				20.3				70.9	<
E243.5	Twomile tributary at TA-3	WT		F	CS	GF0406E243501	<	0.819				732				28.1				57.3	<
E243.5	Twomile tributary at TA-3	WT		F	CS	GF0407E243501	<	0.82			<	32.1				16.9				28.2	<

Table I-6. Watershed Storm Water Monitoring, 2004
Analytical Results for Metals

						Analyte	Ag		Ag		Al		Al		As		As		Ba		Be
						Anyl Meth Code	EPA:200.7		EPA:200.8		EPA:200.7		EPA:200.8		EPA:200.7		EPA:200.8		EPA:200.7		EPA:2
						Std Uom	ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L
							Sym	Result	Sym	Result	Sym	Result	Sym	Result	Sym	Result	Sym	Result	Sym	Result	Sym
Location Synonym	Location Name	Fld Matrix Code	Fld Qc Type Code	Fld Prep Code	Lab Sample Type Code	Sample Id															
E243.5	Twomile tributary at TA-3	WT		F	DUP	GF0407E243501	<	0.82			<	32.7				14.4				28.6	<
E243.5	Twomile tributary at TA-3	WT		UF	CS	GU0407E243501	<	0.82				3860				10.7				45.7	<
E243.5	Twomile tributary at TA-3	WT		UF	DUP	GU0407E243501	<	0.82				3530				10.9				44.4	<
E243.5	Twomile tributary at TA-3	WT	FD	UF	CS	GU0407E24350290															
E243.5	Twomile tributary at TA-3	WT		UF	CS	GU0407E243502															
E243.5	Twomile tributary at TA-3	WT		UF	DUP	GU0407E243502															
E243.5	Twomile tributary at TA-3	WT		F	CS	GF0407E243502	<	0.82			<	18.8			<	3.41				6.88	<
E243.5	Twomile tributary at TA-3	WT		UF	CS	GU0407E243503	<	0.82				2590			<	1.7				51.4	<
E243.5	Twomile tributary at TA-3	WT		F	CS	GF0407E243503	<	0.819				125			<	3.6				8	<
E243.5	Twomile tributary at TA-3	WT		F	DUP	GF0407E243503	<	0.819				130			<	1.67				7.98	<
E243.5	Twomile tributary at TA-3	WT		UF	CS	GU0407E243505	<	0.819				2090			<	1.67				19.8	<
E243.5	Twomile tributary at TA-3	WT		UF	DUP	GU0407E243505	<	0.819				1210			<	2.38				19.4	<
E243.5	Twomile tributary at TA-3	WT	EQB	F	CS	GF0408E243501	<	0.819			<	14.4			<	2.4			<	0.301	<
E243.5	Twomile tributary at TA-3	WT	EQB	UF	CS	GU0408E243501	<	0.819			<	14.4			<	1.67			<	0.301	<
E243.5	Twomile tributary at TA-3	WT		UF	CS	GU0409E243501			<	0.23				1870				5.5			
E243.5	Twomile tributary at TA-3	WT		UF	DUP	GU0409E243501															
E243.5	Twomile tributary at TA-3	WT		UF	CS	GU0409E243502			<	0.23				638				4.8			
E243.5	Twomile tributary at TA-3	WT		UF	DUP	GU0409E243502															
E244	Twomile above Pajarito	WM		F	CS	GF04040M24401	<	0.819				208			<	1.67				64.2	<
E244	Twomile above Pajarito	WM		UF	CS	GU04040M24401	<	0.819				875			<	1.67				65.3	<
E244	Twomile above Pajarito	WT		F	CS	GF04070E24401	<	0.82				747			<	2.23				29.7	<
E244	Twomile above Pajarito	WT		UF	CS	GU04070E24401	<	0.82				161000				45.9				2170	
E244	Twomile above Pajarito	WT		F	CS	GF04080E24401	<	0.819				1170			<	3.8				20.4	<
E244	Twomile above Pajarito	WT		UF	CS	GU04080E24401	<	0.819				75700				26.1				1720	
E245	Pajarito above TA-18	WM		F	CS	GF04040M24501	<	0.819				839			<	1.67				56.5	<
E245	Pajarito above TA-18	WM		UF	CS	GU04040M24501	<	0.819				2530			<	1.67				74.1	<
E245	Pajarito above TA-18	WT		F	CS	GF04070E24501	<	0.819				1900			<	1.67				41.8	<
E245	Pajarito above TA-18	WT		F	DUP	GF04070E24501	<	0.819				1890			<	1.67				41.5	<
E245	Pajarito above TA-18	WT		UF	CS	GU04070E24501	<	0.819				86200				17.4				693	
E245	Pajarito above TA-18	WT		UF	DUP	GU04070E24501	<	0.819				85900				18.2				695	
E245	Pajarito above TA-18	WT		F	CS	GF04100E24501	<	0.819				2300			<	1.67				21	<
E245	Pajarito above TA-18	WT		UF	CS	GU04100E24501		1.2				60700			<	13.1				461	
E245	Pajarito above TA-18	WT		UF	DUP	GU04100E24501	<	0.819				57000				13.2				434	
E245.5	Pajarito above Threemile	WM		F	CS	GF0404M245501	<	0.819				148			<	1.67				51.6	<
E245.5	Pajarito above Threemile	WM		UF	CS	GU0404M245501	<	0.819				2040			<	1.67				62.2	<
E245.5	Pajarito above Threemile	WT		F	CS	GF0407E245501	<	0.819				506			<	2.3				41.2	<
E245.5	Pajarito above Threemile	WT		UF	CS	GU0407E245501	<	0.819				155000				42.5				1890	
E245.5	Pajarito above Threemile	WT		F	CS	GF0408E245501	<	0.819				1330			<	2.3				30.5	<
E245.5	Pajarito above Threemile	WT		UF	CS	GU0408E245501	<	0.819				173000				43.1				1670	
E245.5	Pajarito above Threemile	WT		UF	DUP	GU0408E245501	<	0.819				163000				43.5				1650	
E245.5	Pajarito above Threemile	WT		F	CS	GF0410E245501	<	0.819				604			<	1.67				32.9	<
E245.5	Pajarito above Threemile	WT		UF	CS	GU0410E245501	<	0.819				11500			<	4.1				1160	
E246	Threemile above Pajarito	WT		F	CS	GF04070E24601	<	0.819				850			<	4.1				42.3	<
E246	Threemile above Pajarito	WT		UF	CS	GU04070E24601	<	0.819				126000				30.5				2090	

Table I-6. Watershed Storm Water Monitoring, 2004
Analytical Results for Metals

						Analyte	Ag		Ag		Al		Al		As		As		Ba		Be
						Anyl Meth Code	EPA:200.7		EPA:200.8		EPA:200.7		EPA:200.8		EPA:200.7		EPA:200.8		EPA:200.7		EPA:2
						Std Uom	ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L
							Sym	Result	Sym	Result	Sym	Result	Sym	Result	Sym	Result	Sym	Result	Sym	Result	Sym
Location Synonym	Location Name	Fld Matrix Code	Fld Qc Type Code	Fld Prep Code	Lab Sample Type Code	Sample Id															
E246	Threemile above Pajarito	WT		F	CS	GF04080E24601	<	0.819				1660			<	2.9				25.9	<
E246	Threemile above Pajarito	WT		F	DUP	GF04080E24601	<	0.819	<	0.23		1650			<	1.67	<	1.24		26.1	<
E246	Threemile above Pajarito	WT		UF	CS	GU04080E24601	<	0.819				8300			<	6.9				576	<
E246	Threemile above Pajarito	WT		UF	DUP	GU04080E24601															
E247	MDA G-1	WT		F	CS	GF04080E24701	<	0.819				649			<	3.2				35.8	<
E247	MDA G-1	WT		UF	CS	GU04080E24701	<	0.819				30400			<	7.2				1660	
E247	MDA G-1	WT		F	CS	GF04100E24701	<	0.819				989			<	4.4				24.1	<
E247	MDA G-1	WT		UF	CS	GU04100E24701	<	0.819				114000				20.8				1210	
E247	MDA G-1	WT		UF	DUP	GU04100E24701	<	0.819		0.389		116000				21.4		12.2		1250	
E247	MDA G-1	WT		F	CS	GF04100E24702	<	0.819				985			<	4.8				21.9	<
E247	MDA G-1	WT		F	DUP	GF04100E24702	<	0.819				970				5.78				21.1	<
E247	MDA G-1	WT		UF	CS	GU04100E24702	<	0.819				44800			<	10				353	
E247	MDA G-1	WT		UF	DUP	GU04100E24702	<	0.819				45400				12.4				362	
E248.5	MDA G-6U	WT		UF	CS	GU0404E248502		1.81				20600				6				164	
E248.5	MDA G-6U	WT		F	CS	GF0407E248501	<	0.82				224			<	4.65				22.7	<
E248.5	MDA G-6U	WT		UF	CS	GU0407E248501	<	0.82				9340			<	2.94				75.4	<
E248.5	MDA G-6U	WT		F	CS	GF0409E248501	<	0.819				475				3.8				9.4	<
E248.5	MDA G-6U	WT		F	DUP	GF0409E248501	<	0.819				607			<	1.67				9.74	<
E248.5	MDA G-6U	WT		UF	CS	GU0409E248501	<	0.819				11700			<	1.67				90.9	<
E248.5	MDA G-6U	WT		UF	DUP	GU0409E248501	<	0.819				11400				1.67				88.9	
E248.5	MDA G-6U	WT		F	CS	GF0410E248501	<	0.819				254			<	3.1				15.4	<
E249	MDA G-4	WT		F	CS	GF04080E24901	<	0.819				422			<	1.67				19.9	<
E249	MDA G-4	WT		UF	CS	GU04080E24901	<	0.819				5150			<	1.67				169	<
E250	Pajarito above SR-4	WT		UF	CS	GU04040E25002	<	0.23							<	2.96					
E250	Pajarito above SR-4	WT		F	CS	GF04040E25001	<	0.939				112			<	1.67				104	<
E250	Pajarito above SR-4	WT		UF	CS	GU04040E25001	<	0.819				8130				2.8				126	
E252.5	Water above S Site Canyon	WM		F	CS	GF04040M26001	<	0.819			<	92.4			<	1.67				94.9	<
E252.5	Water above S Site Canyon	WM		UF	CS	GU04040M26001	<	0.819				227			<	1.67				94.1	<
E252.5	Water above S Site Canyon	WT		F	CS	GF04080E26001	<	0.819				1380			<	2.4				26.3	<
E252.5	Water above S Site Canyon	WT		UF	CS	GU04080E26001	<	0.819				36500			<	14.3				2120	
E252.8	S Site Canyon above Water	WT		F	CS	GF04080E26101	<	0.819				2140			<	1.67				65.2	<
E252.8	S Site Canyon above Water	WT		UF	CS	GU04080E26101	<	0.819				397000				95.1				10100	
E252.8	S Site Canyon above Water	WT		UF	DUP	GU04080E26101															
E256	Canon de Valle below MDA P	WT		F	CS	GF04070E25601	<	0.819				147			<	1.67				854	<
E256	Canon de Valle below MDA P	WT		UF	CS	GU04070E25601	<	1.4				107000				16.9				8830	
E256	Canon de Valle below MDA P	WT		F	CS	GF04080E25601	<	0.819				635			<	1.67				855	<
E256	Canon de Valle below MDA P	WT		UF	CS	GU04080E25601	<	1.3				76900				11.9				5300	<
E256	Canon de Valle below MDA P	WT		F	CS	GF04080E25602	<	0.819				1860			<	1.67				871	<
E256	Canon de Valle below MDA P	WT		UF	CS	GU04080E25602	<	4.3				232000				43.1				16400	
E257	Canon de Valle tributary at Burn Grounds	WT		F	CS	GF04040E25701	<	0.881				1600			<	1.67				841	<
E257	Canon de Valle tributary at Burn Grounds	WT		UF	CS	GU04040E25701	<	0.819	<	0.23		6840			<	1.67		0.852		1030	<

Table I-6. Watershed Storm Water Monitoring, 2004
Analytical Results for Metals

						Analyte	Ag		Ag		Al		Al		As		As		Ba		Be
						Anyl Meth Code	EPA:200.7		EPA:200.8		EPA:200.7		EPA:200.8		EPA:200.7		EPA:200.8		EPA:200.7		EPA:2
						Std Uom	ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L
							Sym	Result	Sym	Result	Sym	Result	Sym	Result	Sym	Result	Sym	Result	Sym	Result	Sym
Location Synonym	Location Name	Fld Matrix Code	Fld Qc Type Code	Fld Prep Code	Lab Sample Type Code	Sample Id															
E257	Canon de Valle tributary at Burn Grounds	WT		F	CS	GF04070E25701	<	0.82				1360			<	1.7				219	<
E257	Canon de Valle tributary at Burn Grounds	WT		UF	CS	GU04070E25701	<	2.29				76000				18.5				4650	
E257	Canon de Valle tributary at Burn Grounds	WT		F	CS	GF04070E25702	<	0.819				1200			<	1.67				164	<
E257	Canon de Valle tributary at Burn Grounds	WT		UF	CS	GU04070E25702	<	1.2				42400				6.3				3220	<
E257	Canon de Valle tributary at Burn Grounds	WT		F	CS	GF04080E25701	<	0.819				7060			<	1.67				707	<
E257	Canon de Valle tributary at Burn Grounds	WT		UF	CS	GU04080E25701	<	0.819				12200			<	1.67				1190	<
E257	Canon de Valle tributary at Burn Grounds	WT		UF	CS	GU04080E25702															
E262	Canon de Valle above Water	WT		F	CS	GF04080E26201	<	0.819				1270			<	3.8				40.1	<
E262	Canon de Valle above Water	WT		UF	CS	GU04080E26201	<	0.819				30000			<	11.8				2050	
E262.5	Water below MDA AB	WM		F	CS	GF0404M262501	<	0.819				100			<	1.67				204	<
E262.5	Water below MDA AB	WM		UF	CS	GU0404M262501	<	0.819				196			<	1.67				205	<
E262.5	Water below MDA AB	WT		F	CS	GF0408E262501	<	0.819				1420			<	1.67				47.3	<
E262.5	Water below MDA AB	WT		UF	CS	GU0408E262501	<	0.819				114000				23.9				1460	
E262.5	Water below MDA AB	WT		F	CS	GF0410E262501	<	0.819				680			<	1.67				32.5	<
E262.5	Water below MDA AB	WT		UF	CS	GU0410E262501	<	0.819				7600			<	1.67				1490	
E263	Water at SR-4	WT		F	CS	GF04080E26301	<	0.819				1120			<	1.67				40.5	<
E263	Water at SR-4	WT		UF	CS	GU04080E26301	<	0.819				278000				51.6				5490	
E263	Water at SR-4	WT		F	CS	GF04080E26302	<	0.819				2280			<	2.2				53.2	<
E263	Water at SR-4	WT		F	DUP	GF04080E26302	<	0.819				2260			<	2.61				53.6	<
E263	Water at SR-4	WT		UF	CS	GU04080E26302	<	0.819				55800				25.4				4370	
E263	Water at SR-4	WT		UF	DUP	GU04080E26302	<	0.819				66800				26.4				4500	
E265	Water below SR-4	WT		F	CS	GF04050E26501	<	0.819			<	14.4			<	1.67			<	0.301	<
E265	Water below SR-4	WT		UF	CS	GU04050E26501	<	0.819			<	14.4			<	1.67			<	0.301	<
E265	Water below SR-4	WT	EQB	F	CS	GF04080E26501	<	0.819				400			<	1.67				5.7	<
E265	Water below SR-4	WT	EQB	UF	CS	GU04080E26501	<	0.819			<	14.4			<	1.67			<	0.301	<
E265	Water below SR-4	WT	EQB	UF	DUP	GU04080E26501	<	0.819			<	14.4			<	1.67			<	0.301	<
E265	Water below SR-4	WT		F	CS	GF04080E26502	<	0.819				1150			<	1.67				30.5	<
E265	Water below SR-4	WT		UF	CS	GU04080E26502	<	0.819				316000				60				4700	
E265	Water below SR-4	WT		F	CS	GF04080E26503	<	0.819				1360			<	3.3				47	<
E265	Water below SR-4	WT		UF	CS	GU04080E26503		6				293000				73.5				10300	

Table I-6. Watershed Storm Water Monitoring, 2004
Analytical Results for Metals

						Analyte		Cd		Co		Cr		Cu		Cu		Fe		Fe	
						Anyl Meth Code	00.7	EPA:200.8		EPA:200.7		EPA:200.7		EPA:200.7		EPA:200.8		EPA:200.7		EPA:200.8	
						Std Uom		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
							Result	Sym	Result	Sym	Result	Sym	Result	Sym	Result	Sym	Result	Sym	Result	Sym	Result
Location Synonym	Location Name	Fld Matrix Code	Fld Qc Type Code	Fld Prep Code	Lab Sample Type Code	Sample Id															
E026	Los Alamos below Ice Rink	WM		F	CS	GF04040M02601	0.262	<	0.07	<	0.762	<	1.43	<	1.8				190		
E026	Los Alamos below Ice Rink	WM		F	DUP	GF04040M02601	0.172	<	0.07	<	0.762	<	1.43	<	1.8				162		
E026	Los Alamos below Ice Rink	WM		UF	CS	GU04040M02601	0.172	<	0.07	<	0.762	<	2.05	<	1.8				583		
E026	Los Alamos below Ice Rink	WM		UF	DUP	GU04040M02601	0.172	<	0.07	<	0.762	<	1.68	<	1.8				567		
E026	Los Alamos below Ice Rink	WT		F	CS	GF04050E02601	0.21	<	0.076	<	0.762	<	1.43	<	1.8			<	14.9		
E026	Los Alamos below Ice Rink	WT		F	DUP	GF04050E02601	0.172	<	0.07	<	0.762	<	1.43	<	1.8			<	14.9		
E026	Los Alamos below Ice Rink	WT		UF	CS	GU04050E02601	0.172	<	0.07	<	0.762	<	1.43	<	1.8			<	14.9		
E026	Los Alamos below Ice Rink	WT		UF	DUP	GU04050E02601	0.172	<	0.07	<	0.762	<	1.43	<	1.8			<	14.9		
E026	Los Alamos below Ice Rink	WT	EQB	F	CS	GF04080E02601	0.172	<	0.07	<	0.762	<	1.43	<	1.8			<	14.9		
E026	Los Alamos below Ice Rink	WT	EQB	UF	CS	GU04080E02601	0.172	<	0.07	<	0.762	<	1.43	<	1.8			<	14.9		
E030	Los Alamos above DP Canyon	WT		UF	CS	GU04040E03002	3.86		1.66		13.2		28.5		45				32900		
E030	Los Alamos above DP Canyon	WT		F	CS	GF04070E03001	0.183	<	0.12	<	0.76	<	1.96	<	4.34				1470		
E030	Los Alamos above DP Canyon	WT		UF	CS	GU04070E03001	12.8		5.01		50.4		85.9		138				103000		
E030	Los Alamos above DP Canyon	WT		F	CS	GF04080E03001	0.172	<	0.07	<	2.1	<	4.8	<	3				460		
E030	Los Alamos above DP Canyon	WT		UF	CS	GU04080E03001	11.6		3.7		45.1		38.5		108				49100		
E030	Los Alamos above DP Canyon	WT		F	CS	GF04080E03002	0.172	<	0.07	<	0.762	<	1.43	<	1.8				557		
E030	Los Alamos above DP Canyon	WT		UF	CS	GU04080E03002	26.7		5.8		50		15.6		70.3				17800		
E030	Los Alamos above DP Canyon	WT		F	CS	GF04090E03001	0.172	<	0.07	<	1.5	<	1.43		3				148		
E030	Los Alamos above DP Canyon	WT		UF	CS	GU04090E03001															
E038	DP above TA-21	WT		UF	CS	GU04060E03801	2.56		2.98		11.5		47.9		97.4				17700		
E038	DP above TA-21	WT		F	CS	GF04060E03801	1.61		1.54		6.17		27.9		60.9				16300		
E038	DP above TA-21	WT		F	DUP	GF04060E03801	1.42		1.58		6.11		26.8		58.3				15400		
E038	DP above TA-21	WT	FD	F	CS	GF04070E03890	0.17	<	0.07	<	0.76	<	1.94		5.03				180		
E038	DP above TA-21	WT	FD	UF	CS	GU04070E03890	3.99		2.45		13.4		42.3		78.7				37400		
E038	DP above TA-21	WT		F	CS	GF04070E03801	0.17	<	0.079	<	0.76	<	1.8		5.07				296		
E038	DP above TA-21	WT		UF	CS	GU04070E03801	3.99		2.84		12.8		43.5		84.8				38400		
E038	DP above TA-21	WT		UF	CS	GU04070E03802															
E038	DP above TA-21	WT		F	CS	GF04070E03802	0.17	<	0.107	<	0.76	<	1.4	<	3.92				497		
E038	DP above TA-21	WT		UF	CS	GU04070E03803	2.9		2.16		9		29.4		63.2				28700		
E038	DP above TA-21	WT		F	CS	GF04070E03803	0.2	<	0.084	<	4.2	<	2.6		6.2				229		
E038	DP above TA-21	WT		F	DUP	GF04070E03803	0.172	<	0.07	<	4.13	<	2.05		5.89		5.8		236		
E038	DP above TA-21	WT		UF	CS	GU04070E03804	1.5	<	0.86	<	4.4		18.7		33.2				13400		
E038	DP above TA-21	WT		UF	DUP	GU04070E03804	1.36	<	0.94	<	4.61		16.9		32.4		32.4		12600		
E039	DP below Meadow at TA-21	WT		F	CS	GF04050E03901	0.172	<	0.07	<	0.762	<	1.43	<	1.8			<	14.9		
E039	DP below Meadow at TA-21	WT		UF	CS	GU04050E03901	0.172	<	0.07	<	0.762	<	1.43	<	1.8			<	14.9		
E039	DP below Meadow at TA-21	WT		F	CS	GF04070E03901	0.199	<	0.07	<	0.76	<	1.99	<	4.61				897		
E039	DP below Meadow at TA-21	WT		UF	CS	GU04070E03901	3.7		2.05		11.1		36.9		68.4				34700		
E039	DP below Meadow at TA-21	WT		F	CS	GF04070E03902	0.17	<	0.073	<	0.76	<	1.94	<	4.47				565		
E039	DP below Meadow at TA-21	WT		UF	CS	GU04070E03902	3.43		2.42		10.4		30.6		59				33500		
E039	DP below Meadow at TA-21	WT		F	CS	GF04070E03903	0.172	<	0.07	<	4.5	<	2.6	<	4.3				416		
E039	DP below Meadow at TA-21	WT		UF	CS	GU04070E03903	2.1	<	0.9		6.5		21.7		36.4				20200		
E039	DP below Meadow at TA-21	WT	EQB	F	CS	GF04070E03904	0.172	<	0.07	<	0.762	<	1.43	<	1.8			<	14.9		
E039	DP below Meadow at TA-21	WT	EQB	F	DUP	GF04070E03904	0.172	<	0.07	<	0.762	<	1.43	<	1.8			<	14.9		
E039	DP below Meadow at TA-21	WT	EQB	UF	CS	GU04070E03904	0.172	<	0.07	<	0.762	<	1.43	<	1.8			<	14.9		

Table I-6. Watershed Storm Water Monitoring, 2004
Analytical Results for Metals

						Analyte		Cd		Co		Cr		Cu		Cu		Fe		Fe	
						Anyl Meth Code	00.7	EPA:200.8		EPA:200.7		EPA:200.7		EPA:200.7		EPA:200.8		EPA:200.7		EPA:200.8	
						Std Uom		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
							Result	Sym	Result	Sym	Result	Sym	Result	Sym	Result	Sym	Result	Sym	Result	Sym	Result
Location Synonym	Location Name	Fld Matrix Code	Fld Qc Type Code	Fld Prep Code	Lab Sample Type Code	Sample Id															
E040	DP above Los Alamos Canyon	WT		F	CS	GF04070E04001	0.17	<	0.076	<	0.76	<	1.4	<	4.32				232		
E040	DP above Los Alamos Canyon	WT		F	DUP	GF04070E04001	0.17	<	0.07	<	0.76	<	1.4	<	4.38		4.74		381		603
E040	DP above Los Alamos Canyon	WT		UF	CS	GU04070E04001	17.1		12.7		31.9		78.7		148				96200		
E040	DP above Los Alamos Canyon	WT		UF	DUP	GU04070E04001	16.6		10.4		32		72.3		141		203		87700		175000
E040	DP above Los Alamos Canyon	WT		F	CS	GF04070E04002	0.172	<	0.07		5.8	<	2.7	<	3.7				573		
E040	DP above Los Alamos Canyon	WT		UF	CS	GU04070E04002	4.7		2.3		13.5		34.9		54.7				40600		
E040	DP above Los Alamos Canyon	WT		F	CS	GF04080E04001	0.172	<	0.083	<	0.762	<	1.43	<	3.6				490		
E040	DP above Los Alamos Canyon	WT		F	DUP	GF04080E04001	0.172	<	0.07	<	0.762	<	1.75	<	4.01				488		
E040	DP above Los Alamos Canyon	WT		UF	CS	GU04080E04001	6.4		3.6		20.8		53.8		106				57200		
E040	DP above Los Alamos Canyon	WT		F	CS	GF04080E04002	0.172	<	0.07	<	3.1	<	1.43	<	3.8				467		
E040	DP above Los Alamos Canyon	WT		UF	CS	GU04080E04002	7.6		4.3		25		75.7		130				79600		
E040	DP above Los Alamos Canyon	WT		UF	DUP	GU04080E04002	7.25		4.1		24.5		67.7		123				72200		
E042	Los Alamos above SR-4	WT		UF	CS	GU04040E04202	6.39		2.51		20.2		48.6		73.1				55900		
E042	Los Alamos above SR-4	WT		UF	DUP	GU04040E04202															
E042	Los Alamos above SR-4	WT		F	CS	GF04070E04201	1.1	<	0.263	<	2.93	<	2.47		8.52				2310		
E042	Los Alamos above SR-4	WT		UF	CS	GU04070E04201	6.82		4.24		21.2		31.6		83.8				36700		
E042	Los Alamos above SR-4	WT		UF	DUP	GU04070E04201	6.76		4.13		21.6		31.1		83.8				36000		
E042	Los Alamos above SR-4	WT		F	CS	GF04080E04201	0.172	<	0.07	<	2.2	<	1.43	<	2.6				469		
E042	Los Alamos above SR-4	WT		UF	CS	GU04080E04201	17.2		5.8		49		83.6		155				90600		
E042	Los Alamos above SR-4	WT		UF	DUP	GU04080E04201	16.8		5.71		47.5		83.1		152				89200		
E042	Los Alamos above SR-4	WT		F	CS	GF04100E04201	0.172	<	0.07	<	0.762		1.8		2.1				163		
E042	Los Alamos above SR-4	WT		UF	CS	GU04100E04201	10.7		3.2		34.7		81.8		138				89000		
E042	Los Alamos above SR-4	WT		F	CS	GF04100E04202	0.25	<	0.07	<	1.8	<	1.43		2.1				605		
E050	Los Alamos below LA Weir	WM		F	CS	GF04040M05001	0.213	<	0.07	<	0.762	<	1.68	<	1.8			<	49.2		
E050	Los Alamos below LA Weir	WM		UF	CS	GU04040M05001	0.234	<	0.07	<	1.19	<	2.56	<	1.8				604		
E055	Pueblo above Acid	WT		F	CS	GF04070E05501	0.335	<	0.07		6.89	<	2.86		5.74				408		
E055	Pueblo above Acid	WT		F	DUP	GF04070E05501	0.185	<	0.07		6.36	<	2.06	<	4.91		3.49		402		478
E055	Pueblo above Acid	WT		UF	CS	GU04070E05501	14.7		5.13		48.6		62.3		108				96900		
E055	Pueblo above Acid	WT		UF	DUP	GU04070E05501	14.2		4.81		46.6		59.1		103		83.2		92400		73600
E055	Pueblo above Acid	WT		F	CS	GF04080E05501	0.172	<	0.07	<	0.762	<	2.2	<	2.6				297		
E055	Pueblo above Acid	WT		UF	CS	GU04080E05501	5.7		2.2		19.8		14.3		36.8				23300		
E055	Pueblo above Acid	WT		F	CS	GF04080E05502	0.172	<	0.07	<	2.2	<	1.43	<	2.6				321		
E055	Pueblo above Acid	WT		UF	CS	GU04080E05502	4.2		1.6		17.1		44.5		50.9				53000		
E055	Pueblo above Acid	WT		F	CS	GF04090E05501	0.172	<	0.07	<	2.9	<	1.43		3.3				231		
E055	Pueblo above Acid	WT		F	DUP	GF04090E05501	0.172	<	0.07		3.04	<	1.43		2.63				106		
E055	Pueblo above Acid	WT		UF	CS	GU04090E05501	7.9		3.7		37.6		73.9		97.1				95100		
E055	Pueblo above Acid	WT		UF	DUP	GU04090E05501	8.03		3.5		38.4		72		95.6				92000		
E0555	South Fork of Acid Canyon	WT		F	CS	GF0409E055501	0.172		0.072	<	3		2		2.2				84		
E0555	South Fork of Acid Canyon	WT		F	DUP	GF0409E055501	0.172	<	0.07		3.23	<	1.43		2.05				213		
E0555	South Fork of Acid Canyon	WT		UF	CS	GU0409E055501	2.4		1.2		9.2		26.6		40.1				27100		
E0555	South Fork of Acid Canyon	WT		UF	DUP	GU0409E055501	2.23		1.17		8.96		23.7		38.6				24800		
E060	Pueblo above SR-502	WT		F	CS	GF04050E06001	0.17	<	0.075	<	0.762	<	1.43	<	1.8			<	18.7		
E060	Pueblo above SR-502	WT		F	DUP	GF04050E06001	0.172	<	0.07	<	0.762	<	1.43	<	1.8			<	16.3		
E060	Pueblo above SR-502	WT		UF	CS	GU04050E06001	0.172	<	0.07	<	0.762	<	1.43	<	1.8			<	15.2		

Table I-6. Watershed Storm Water Monitoring, 2004
Analytical Results for Metals

						Analyte		Cd		Co		Cr		Cu		Cu		Fe		Fe	
						Anyl Meth Code	00.7	EPA:200.8		EPA:200.7		EPA:200.7		EPA:200.7		EPA:200.8		EPA:200.7		EPA:200.8	
						Std Uom		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
							Result	Sym	Result	Sym	Result	Sym	Result	Sym	Result	Sym	Result	Sym	Result	Sym	Result
Location Synonym	Location Name	Fld Matrix Code	Fld Qc Type Code	Fld Prep Code	Lab Sample Type Code	Sample Id															
E060	Pueblo above SR-502	WT		UF	DUP	GU04050E06001	0.172	<	0.07	<	0.762	<	1.43	<	1.8				118		
E060	Pueblo above SR-502	WT		F	CS	GF04070E06001	0.516	<	0.214	<	2.43	<	1.4		9.23				1360		
E060	Pueblo above SR-502	WT		F	DUP	GF04070E06001	0.4	<	0.169	<	2.13	<	1.56		8.76				1380		
E060	Pueblo above SR-502	WT		UF	CS	GU04070E06001	1.66		1.48		5.08		12.9		23.6				17900		
E060	Pueblo above SR-502	WT		F	CS	GF04070E06002	0.172	<	0.076		6	<	1.43	<	3.9				398		
E060	Pueblo above SR-502	WT		UF	CS	GU04070E06002	6.6		2.8		19.2		54.2		63.9				71400		
E060	Pueblo above SR-502	WT	EQB	F	CS	GF04080E06001	0.172	<	0.07	<	0.762	<	1.43	<	1.8			<	14.9		
E060	Pueblo above SR-502	WT	EQB	F	DUP	GF04080E06001	0.172	<	0.07	<	0.762	<	1.43	<	1.8			<	14.9		
E060	Pueblo above SR-502	WT	EQB	UF	CS	GU04080E06001	0.172	<	0.07	<	0.762	<	1.43	<	1.8			<	18.9		
E060	Pueblo above SR-502	WT	EQB	UF	DUP	GU04080E06001	0.172	<	0.07	<	0.762	<	1.43	<	1.8			<	29.2		
E060	Pueblo above SR-502	WT		F	CS	GF04080E06002	0.172	<	0.07		5.1	<	1.43	<	3.8				305		
E060	Pueblo above SR-502	WT		UF	CS	GU04080E06002	1.9	<	0.65		5.4		14.4		32.6				19800		
E121	Sandia right fork at Power Plant	WT		UF	CS	GU04020E12101		<	0.07												4410
E121	Sandia right fork at Power Plant	WT		F	CS	GF04070E12101	0.172	<	0.07	<	0.762	<	1.6	<	3.1			<	86.5		
E121	Sandia right fork at Power Plant	WT		UF	CS	GU04070E12101	0.83	<	0.5	<	3.8		28.2		23.3				11500		
E121	Sandia right fork at Power Plant	WT		F	CS	GF04080E12101	0.22	<	0.083	<	1.7	<	1.43		9.3				180		
E121	Sandia right fork at Power Plant	WT		F	DUP	GF04080E12101	0.172	<	0.07	<	2.94	<	1.59		9.41				181		
E121	Sandia right fork at Power Plant	WT		UF	CS	GU04080E12101	0.69	<	0.56	<	4.5		29		55.9				9900		
E121	Sandia right fork at Power Plant	WT		UF	DUP	GU04080E12101	0.626	<	0.561	<	4.28		24.4		53				8450		
E121	Sandia right fork at Power Plant	WT		F	CS	GF04080E12102	0.172	<	0.07	<	2.9	<	2.5	<	4.9				284		
E121	Sandia right fork at Power Plant	WT		F	DUP	GF04080E12102	0.172	<	0.07	<	2.23	<	2.65	<	4.25				425		
E121	Sandia right fork at Power Plant	WT		UF	CS	GU04080E12102	0.52	<	0.43	<	2.1		12.6		18				4840		
E121	Sandia right fork at Power Plant	WT		UF	DUP	GU04080E12102	0.46	<	0.469	<	2.03		13.4		18.3				5280		
E121	Sandia right fork at Power Plant	WT		F	CS	GF04090E12101	0.46	<	0.07	<	0.762		3.9		10.2				3090		
E121	Sandia right fork at Power Plant	WT		F	DUP	GF04090E12101	0.356	<	0.07		0.794		3.97		8.84				3110		
E121	Sandia right fork at Power Plant	WT		UF	CS	GU04090E12101	1.1		0.37		2.5		12.3		20.7				10700		
E121	Sandia right fork at Power Plant	WT		UF	DUP	GU04090E12101	1.03		0.348		2.14		11.7		20.3				10600		
E122	Sandia left fork at Asphalt Plant	WT		UF	CS	GU04020E12201			0.404												7400
E122	Sandia left fork at Asphalt Plant	WT		UF	CS	GU04040E12201															
E122	Sandia left fork at Asphalt Plant	WT		UF	DUP	GU04040E12201															
E122	Sandia left fork at Asphalt Plant	WT		F	CS	GF04040E12201	0.172	<	0.07	<	0.762	<	1.9	<	3.55				307		
E122	Sandia left fork at Asphalt Plant	WT		F	DUP	GF04040E12201	0.172	<	0.07	<	0.762	<	2.65	<	3.06				1181		
E122	Sandia left fork at Asphalt Plant	WT		UF	CS	GU04040E12202	0.505		3.65	<	0.762	<	2.92		10				787		
E122	Sandia left fork at Asphalt Plant	WT		F	CS	GF04070E12201	0.172	<	0.07	<	4.1	<	1.43	<	3.8				247		
E122	Sandia left fork at Asphalt Plant	WT		UF	CS	GU04070E12201	2.3		3.6		7.8		29.4		51.2				27500		
E122	Sandia left fork at Asphalt Plant	WT		F	CS	GF04080E12201	0.18	<	0.08	<	2.9	<	1.43		12.6				232		
E122	Sandia left fork at Asphalt Plant	WT		UF	CS	GU04080E12201	0.85	<	0.84	<	3.6		14.3		39.1				9070		
E122	Sandia left fork at Asphalt Plant	WT		F	CS	GF04080E12202	1.2		1.9		6.6		16.5		86.7				4890		
E122	Sandia left fork at Asphalt Plant	WT		UF	CS	GU04080E12202	0.68		1.6	<	2		12.5		39				7780		
E123	Sandia below Wetlands	WT		F	CS	GF04070E12301	0.17	<	0.07	<	4.75	<	4.14	<	4.72				165		
E123	Sandia below Wetlands	WT		F	DUP	GF04070E12301	0.17	<	0.07	<	4.29	<	4.49	<	4.33				160		
E123	Sandia below Wetlands	WT		UF	CS	GU04070E12301	2.71		2.06		8.92		329		84.8				21400		
E123	Sandia below Wetlands	WT		UF	DUP	GU04070E12301	2.55		2.13		8.53		324		82.8				20100		
E123	Sandia below Wetlands	WT		F	CS	GF04070E12302	0.173	<	0.07	<	4.99	<	4.14		9.64				382		

Table I-6. Watershed Storm Water Monitoring, 2004
Analytical Results for Metals

						Analyte		Cd		Co		Cr		Cu		Cu		Fe		Fe	
						Anyl Meth Code	00.7	EPA:200.8		EPA:200.7		EPA:200.7		EPA:200.7		EPA:200.8		EPA:200.7		EPA:200.8	
						Std Uom		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
							Result	Sym	Result	Sym	Result	Sym	Result	Sym	Result	Sym	Result	Sym	Result	Sym	Result
Location Synonym	Location Name	Fld Matrix Code	Fld Qc Type Code	Fld Prep Code	Lab Sample Type Code	Sample Id															
E123	Sandia below Wetlands	WT		UF	CS	GU04070E12302	2.95		2.87		14.8		364		140				40400		
E123	Sandia below Wetlands	WT		F	CS	GF04070E12303	0.172	<	0.07	<	4.9		6	<	4.7				214		
E123	Sandia below Wetlands	WT		UF	CS	GU04070E12303	0.88		1.1	<	5		186		48.2				13200		
E123	Sandia below Wetlands	WT		F	CS	GF04080E12301	0.172	<	0.07	<	2.6		6.1		8.4				244		
E123	Sandia below Wetlands	WT		UF	CS	GU04080E12301	1.9		1.7	<	9.2		466		94.2				29000		
E124	Sandia above Firing Range	WT		UF	CS	GU04080E12401															
E124	Sandia above Firing Range	WT		F	CS	GF04080E12401	0.172	<	0.07	<	3.5		7.4		6.1				313		
E124	Sandia above Firing Range	WT		UF	CS	GU04080E12402	4.3		2		10.3		328		90.3				34500		
E124	Sandia above Firing Range	WT		F	CS	GF04080E12402	0.172	<	0.07	<	2.4	<	2.2	<	3.6				574		
E124	Sandia above Firing Range	WT		UF	CS	GU04080E12403	5.4		2.1		17.4		58.9		59.3				34600		
E124	Sandia above Firing Range	WT		F	CS	GF04100E12401	0.27	<	0.07		2.3		7.8		4.4				231		
E124	Sandia above Firing Range	WT		F	DUP	GF04100E12401	0.172				1.73		6.47		4.22				223		
E124	Sandia above Firing Range	WT		UF	CS	GU04100E12401	0.75		0.28		1		22.2		9.9				4490		
E200	Mortandad below Effluent Canyon	WT		F	CS	GF04070E20001	0.2	<	0.07	<	5	<	2		5.1				962		
E200	Mortandad below Effluent Canyon	WT		UF	CS	GU04070E20001	1.2	<	0.47	<	3.1		9.4		15.2				9180		
E200	Mortandad below Effluent Canyon	WT		UF	DUP	GU04070E20001		<	0.437												
E200	Mortandad below Effluent Canyon	WT		F	CS	GF04080E20001	0.172	<	0.07	<	2.6	<	1.8	<	4.7				493		
E200	Mortandad below Effluent Canyon	WT		UF	CS	GU04080E20001	2.7	<	0.88		6.7		26.5		43.7				25300		
E200	Mortandad below Effluent Canyon	WT		F	CS	GF04080E20002	0.25	<	0.07	<	3.2	<	2.1	<	3.7				649		
E200	Mortandad below Effluent Canyon	WT		F	DUP	GF04080E20002	0.172	<	0.07	<	2.2	<	2.15	<	3.51				661		
E200	Mortandad below Effluent Canyon	WT		UF	CS	GU04080E20002	4.4		1.3		11.1		33.7		56.4				40700		
E200	Mortandad below Effluent Canyon	WT		F	CS	GF04080E20003	0.172	<	0.07	<	2.4	<	1.8	<	3.2				787		
E200	Mortandad below Effluent Canyon	WT		UF	CS	GU04080E20003	1.1	<	0.47	<	2.4		11.7		16.5				10700		
E201.3	Ten Site below MDA C	WT		UF	CS	GU0404E201302	0.302		0.443	<	0.762		13.4		10.2				1600		
E201.3	Ten Site below MDA C	WT		UF	CS	GU0404E201303			0.788												
E201.3	Ten Site below MDA C	WT		F	CS	GF0404E201301	0.172	<	0.07	<	0.762	<	1.43		2.58				510		
E201.3	Ten Site below MDA C	WT		F	DUP	GF0404E201301	0.172			<	0.762		3.92		2.68				512		
E201.3	Ten Site below MDA C	WT		F	CS	GF0407E201301	0.17	<	0.07	<	0.76	<	2.36	<	3.7				617		
E201.3	Ten Site below MDA C	WT		UF	CS	GU0407E201301	5.53		2.94		20.6		38.8		59.4				47400		
E201.3	Ten Site below MDA C	WT		F	CS	GF0410E201301	0.26		0.22		3.1		5.1		4.3				457		
E201.3	Ten Site below MDA C	WT		F	DUP	GF0410E201301	0.172		0.13		2.96		5.38		3.68				429		
E201.3	Ten Site below MDA C	WT		UF	CS	GU0410E201301	0.172		0.17	<	0.762		5.5		5.2				696		
E201.3	Ten Site below MDA C	WT		UF	DUP	GU0410E201301	0.172		0.157	<	0.762		6.4		4.97				1220		
E201.5	Ten Site above Mortandad	WT		F	CS	GF0408E201501	0.172	<	0.07	<	3.4	<	1.43	<	2.4				784		
E201.5	Ten Site above Mortandad	WT		F	DUP	GF0408E201501	0.172	<	0.07	<	3.62	<	1.43	<	2.43				773		
E201.5	Ten Site above Mortandad	WT		UF	CS	GU0408E201501	2.3		1.8		8.3		10.7		18.7				13300		
E218	Canada del Buey near TA-46	WT		F	CS	GF04080E21801	0.172	<	0.07	<	4.2	<	1.9	<	2				718		
E218	Canada del Buey near TA-46	WT		UF	CS	GU04080E21801	7.9		2.1		27.7		47.2		66.4				61400		
E218	Canada del Buey near TA-46	WT		F	CS	GF04100E21801	0.172		0.13		1.1		4.7	<	1.8				37		
E218	Canada del Buey near TA-46	WT		F	DUP	GF04100E21801	0.172		0.135		1.12		4.47	<	1.8			<	14.9		
E218	Canada del Buey near TA-46	WT		UF	CS	GU04100E21801	0.172		1.5	<	0.762		4.8	<	1.8				493		
E218	Canada del Buey near TA-46	WT		F	CS	GF04100E21802	0.63		0.22	<	4.5		4.1		11				4000		
E218	Canada del Buey near TA-46	WT		F	DUP	GF04100E21802	0.609		0.18		4.68		5.04		11.8				4270		
E218	Canada del Buey near TA-46	WT		UF	CS	GU04100E21802	0.95		0.99	<	2.2		8.1		17.3				8460		

Table I-6. Watershed Storm Water Monitoring, 2004
Analytical Results for Metals

						Analyte		Cd		Co		Cr		Cu		Cu		Fe		Fe	
						Anyl Meth Code	00.7	EPA:200.8		EPA:200.7		EPA:200.7		EPA:200.7		EPA:200.8		EPA:200.7		EPA:200.8	
						Std Uom		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
							Result	Sym	Result	Sym	Result	Sym	Result	Sym	Result	Sym	Result	Sym	Result	Sym	Result
Location Synonym	Location Name	Fld Matrix Code	Fld Qc Type Code	Fld Prep Code	Lab Sample Type Code	Sample Id															
E227	MDA G-13	WT		F	CS	GF04080E22701	0.172	<	0.087		5.4	<	1.43	<	3				228		
E227	MDA G-13	WT		F	DUP	GF04080E22701	0.172	<	0.07	<	4.18	<	1.43	<	3.34				223		
E227	MDA G-13	WT		UF	CS	GU04080E22701	6.3		3.2		18.5		50.3		62.3				66000		
E227	MDA G-13	WT		UF	DUP	GU04080E22701	6.46		3.5		18.9		49.5		64				62900		
E230	Canada del Buey above SR-4	WT		F	CS	GF04080E23001	0.172	<	0.07	<	3.5	<	1.43	<	3.3				336		
E230	Canada del Buey above SR-4	WT		F	DUP	GF04080E23001	0.172	<	0.07	<	3.61	<	1.43	<	2.88				343		
E230	Canada del Buey above SR-4	WT		UF	CS	GU04080E23001	26.9		17.4		88.8		277		204				297000		
E230	Canada del Buey above SR-4	WT		UF	DUP	GU04080E23001	27				90		268		206				292000		
E230	Canada del Buey above SR-4	WT		F	CS	GF04080E23002	0.19	<	0.081	<	0.762	<	1.43	<	3				570		
E230	Canada del Buey above SR-4	WT		F	DUP	GF04080E23002	0.172	<	0.072	<	0.762	<	1.43	<	3.3				562		
E230	Canada del Buey above SR-4	WT		UF	CS	GU04080E23002	18.9		3.8		65.1		24.5		67.2				26500		
E230	Canada del Buey above SR-4	WT		UF	DUP	GU04080E23002	18.9		3.74		65.3		26.7		67.8				27300		
E230	Canada del Buey above SR-4	WT		F	CS	GF04100E23001	0.172	<	0.07		5.4	<	1.43		2.1				744		
E230	Canada del Buey above SR-4	WT		UF	CS	GU04100E23001	18		3		67.6		45		51.8				52100		
E240	Pajarito below SR-501	WT		F	CS	GF04050E24001	0.172	<	0.07	<	0.762	<	1.43	<	1.8			<	14.9		
E240	Pajarito below SR-501	WT		UF	CS	GU04050E24001	0.172	<	0.07	<	0.762	<	1.43	<	1.8			<	14.9		
E240	Pajarito below SR-501	WT		UF	DUP	GU04050E24001															
E240	Pajarito below SR-501	WT	EQB	F	CS	GF04080E24001	0.172	<	0.07	<	0.762	<	1.43	<	1.8			<	14.9		
E240	Pajarito below SR-501	WT	EQB	UF	CS	GU04080E24001	0.172	<	0.07	<	0.762	<	1.43	<	1.8			<	14.9		
E241	Pajarito above Starmers	WT		F	CS	GF04100E24101	0.46		0.16	<	0.89		5.3		3.3				3300		
E241	Pajarito above Starmers	WT		F	DUP	GF04100E24101	0.38		0.155		1.22		4.43		4.11				3970		
E241	Pajarito above Starmers	WT		UF	CS	GU04100E24101	6.7		2.9		28.9		1.7		25.8				5260		
E241	Pajarito above Starmers	WT		UF	DUP	GU04100E24101	6.66		3		28.6		3.08		26.1				5420		
E242	Starmers above Pajarito	WT		F	CS	GF04070E24201	0.521	<	0.084		6.35	<	1.66	<	4.84				384		
E242	Starmers above Pajarito	WT		UF	CS	GU04070E24201	5.06		1.68		21		43		44				52700		
E242	Starmers above Pajarito	WT		F	CS	GF04100E24201	0.32		0.071	<	0.762		2.1	<	2.3				1010		
E242	Starmers above Pajarito	WT		F	DUP	GF04100E24201	0.172	<	0.07	<	0.762		2.24		2.21				1250		
E242	Starmers above Pajarito	WT		UF	CS	GU04100E24201	4.8		1.6		17.3		38.1		36.9				45700		
E242	Starmers above Pajarito	WT		UF	DUP	GU04100E24201	4.94		1.43		17.3		44.3		40.4				52700		
E242.5	La Delfe above Pajarito	WT		F	CS	GF0407E242501	0.258	<	0.07		5.88	<	1.4	<	3.45				413		
E242.5	La Delfe above Pajarito	WT		UF	CS	GU0407E242501	3.96		5.03		13.5	<	6.67		26.9				11100		
E243	Pajarito above Twomile	WM		F	CS	GF04040M24301	0.191	<	0.07	<	0.808	<	1.68	<	1.8				459		
E243	Pajarito above Twomile	WM		F	DUP	GF04040M24301	0.172	<	0.07	<	0.762	<	1.74	<	1.8				507		
E243	Pajarito above Twomile	WM		UF	CS	GU04040M24301	0.172	<	0.072	<	0.762	<	2.01	<	1.8				896		
E243	Pajarito above Twomile	WM		UF	DUP	GU04040M24301	0.172	<	0.077	<	0.762	<	2.76	<	1.8				1110		
E243.5	Twomile tributary at TA-3	WT		UF	CS	GU0402E243501			0.491												1440
E243.5	Twomile tributary at TA-3	WT		UF	CS	GU0404E243503	0.172		0.348	<	0.762	<	1.43		27.2				473		
E243.5	Twomile tributary at TA-3	WT		UF	DUP	GU0404E243503	0.172		0.3	<	0.762	<	1.43		26.8				424		
E243.5	Twomile tributary at TA-3	WT	EQB	UF	CS	GU0405E243501	0.172	<	0.093	<	0.762	<	1.43	<	1.8			<	14.9		
E243.5	Twomile tributary at TA-3	WT	EQB	UF	DUP	GU0405E243501															
E243.5	Twomile tributary at TA-3	WT		F	CS	GF0405E243501	0.172	<	0.07	<	0.762	<	1.43	<	1.8			<	14.9		
E243.5	Twomile tributary at TA-3	WT		UF	CS	GU0406E243501	0.178		2.33	<	3.08	<	3.13		341				2190		
E243.5	Twomile tributary at TA-3	WT		F	CS	GF0406E243501	0.271		1.87	<	2.92	<	2.65		351				1410		
E243.5	Twomile tributary at TA-3	WT		F	CS	GF0407E243501	0.17	<	0.945	<	1.19	<	1.4		99.5				285		

Table I-6. Watershed Storm Water Monitoring, 2004
Analytical Results for Metals

						Analyte		Cd		Co		Cr		Cu		Cu		Fe		Fe	
						Anyl Meth Code	00.7	EPA:200.8		EPA:200.7		EPA:200.7		EPA:200.7		EPA:200.8		EPA:200.7		EPA:200.8	
						Std Uom		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
							Result	Sym	Result	Sym	Result	Sym	Result	Sym	Result	Sym	Result	Sym	Result	Sym	Result
Location Synonym	Location Name	Fld Matrix Code	Fld Qc Type Code	Fld Prep Code	Lab Sample Type Code	Sample Id															
E243.5	Twomile tributary at TA-3	WT		F	DUP	GF0407E243501	0.17	<	0.922	<	0.976	<	1.4		101				294		
E243.5	Twomile tributary at TA-3	WT		UF	CS	GU0407E243501	0.285		1.07	<	3.11	<	3.25		123				2810		
E243.5	Twomile tributary at TA-3	WT		UF	DUP	GU0407E243501	0.188		1	<	2.67	<	1.75		122				2580		
E243.5	Twomile tributary at TA-3	WT	FD	UF	CS	GU0407E24350290															
E243.5	Twomile tributary at TA-3	WT		UF	CS	GU0407E243502															
E243.5	Twomile tributary at TA-3	WT		UF	DUP	GU0407E243502															
E243.5	Twomile tributary at TA-3	WT		F	CS	GF0407E243502	0.17	<	0.226	<	0.76	<	1.4		26.4			<	23.4		
E243.5	Twomile tributary at TA-3	WT		UF	CS	GU0407E243503	0.17	<	0.93	<	1.4	<	3.88		92.6				2260		
E243.5	Twomile tributary at TA-3	WT		F	CS	GF0407E243503	0.172	<	0.3	<	3.5	<	1.43		36.5			<	61.8		
E243.5	Twomile tributary at TA-3	WT		F	DUP	GF0407E243503	0.172	<	0.292	<	3.8	<	1.43		36.5			<	78.8		
E243.5	Twomile tributary at TA-3	WT		UF	CS	GU0407E243505	0.172	<	0.47	<	0.762	<	1.7		40.2				779		
E243.5	Twomile tributary at TA-3	WT		UF	DUP	GU0407E243505	0.172	<	0.447	<	0.762	<	1.43		38.8				733		
E243.5	Twomile tributary at TA-3	WT	EQB	F	CS	GF0408E243501	0.172	<	0.07	<	0.762	<	1.43	<	1.8			<	14.9		
E243.5	Twomile tributary at TA-3	WT	EQB	UF	CS	GU0408E243501	0.172	<	0.07	<	0.762	<	1.43	<	1.8			<	14.9		
E243.5	Twomile tributary at TA-3	WT		UF	CS	GU0409E243501			0.94												1920
E243.5	Twomile tributary at TA-3	WT		UF	DUP	GU0409E243501															
E243.5	Twomile tributary at TA-3	WT		UF	CS	GU0409E243502			0.62												1040
E243.5	Twomile tributary at TA-3	WT		UF	DUP	GU0409E243502															
E244	Twomile above Pajarito	WM		F	CS	GF04040M24401	0.172	<	0.07	<	0.762	<	1.43	<	1.8				122		
E244	Twomile above Pajarito	WM		UF	CS	GU04040M24401	0.172	<	0.07	<	0.762	<	1.43	<	1.8				501		
E244	Twomile above Pajarito	WT		F	CS	GF04070E24401	0.17	<	0.07		5.74	<	1.4	<	2.68				413		
E244	Twomile above Pajarito	WT		UF	CS	GU04070E24401	17		7.29		53.6		96.2		127				151000		
E244	Twomile above Pajarito	WT		F	CS	GF04080E24401	0.172	<	0.07	<	0.762	<	2.5	<	2.2				646		
E244	Twomile above Pajarito	WT		UF	CS	GU04080E24401	12.2		4.3		41.1		37.7		78.5				58400		
E245	Pajarito above TA-18	WM		F	CS	GF04040M24501	0.172	<	0.07	<	0.762	<	2.03	<	1.8				387		
E245	Pajarito above TA-18	WM		UF	CS	GU04040M24501	0.172	<	0.098	<	0.914	<	2.38	<	1.8				1500		
E245	Pajarito above TA-18	WT		F	CS	GF04070E24501	0.23	<	0.082	<	0.97	<	1.43	<	3.3				1060		
E245	Pajarito above TA-18	WT		F	DUP	GF04070E24501	0.172	<	0.07	<	0.762	<	1.43	<	3.21				1040		
E245	Pajarito above TA-18	WT		UF	CS	GU04070E24501	5.5		2.1		18		49.7		54.8				64200		
E245	Pajarito above TA-18	WT		UF	DUP	GU04070E24501	5.46				18.5		49		54.5				64100		
E245	Pajarito above TA-18	WT		F	CS	GF04100E24501	0.2		0.089	<	4.5	<	1.43		3				1010		
E245	Pajarito above TA-18	WT		UF	CS	GU04100E24501	4.4		1.5		13.4		33.1		39.2				43400		
E245	Pajarito above TA-18	WT		UF	DUP	GU04100E24501	4.11		1.46		12.6		31		36.8				41600		
E245.5	Pajarito above Threemile	WM		F	CS	GF0404M245501	0.172	<	0.07	<	0.762	<	1.43	<	1.8			<	87.2		
E245.5	Pajarito above Threemile	WM		UF	CS	GU0404M245501	0.172	<	0.07	<	0.762	<	2.34	<	1.8				1100		
E245.5	Pajarito above Threemile	WT		F	CS	GF0407E245501	0.172	<	0.07		5.9	<	1.43	<	2.5				264		
E245.5	Pajarito above Threemile	WT		UF	CS	GU0407E245501	15		4.7		44.9		89.1		120				132000		
E245.5	Pajarito above Threemile	WT		F	CS	GF0408E245501	0.21	<	0.07	<	4	<	1.43	<	2.5				655		
E245.5	Pajarito above Threemile	WT		UF	CS	GU0408E245501	15		4.2		41.8		89.1		121				126000		
E245.5	Pajarito above Threemile	WT		UF	DUP	GU0408E245501	14.6		3.85		40.7		81.5		114				117000		
E245.5	Pajarito above Threemile	WT		F	CS	GF0410E245501	0.24		0.099	<	0.762	<	1.43		2.5				314		
E245.5	Pajarito above Threemile	WT		UF	CS	GU0410E245501	7.1		2.2		29.5		3.1		33.7				4220		
E246	Threemile above Pajarito	WT		F	CS	GF04070E24601	0.172	<	0.074		6	<	1.43		5.8				624		
E246	Threemile above Pajarito	WT		UF	CS	GU04070E24601	19		6.4		51.9		62.6		170				99200		

Table I-6. Watershed Storm Water Monitoring, 2004
Analytical Results for Metals

						Analyte		Cd		Co		Cr		Cu		Cu		Fe		Fe	
						Anyl Meth Code	00.7	EPA:200.8		EPA:200.7		EPA:200.7		EPA:200.7		EPA:200.8		EPA:200.7		EPA:200.8	
						Std Uom		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
							Result	Sym	Result	Sym	Result	Sym	Result	Sym	Result	Sym	Result	Sym	Result	Sym	Result
Location Synonym	Location Name	Fld Matrix Code	Fld Qc Type Code	Fld Prep Code	Lab Sample Type Code	Sample Id															
E246	Threemile above Pajarito	WT		F	CS	GF04080E24601	0.172	<	0.095	<	0.762	<	1.43		5.6				933		
E246	Threemile above Pajarito	WT		F	DUP	GF04080E24601	0.172	<	0.091	<	0.762	<	1.43		6.08				937		
E246	Threemile above Pajarito	WT		UF	CS	GU04080E24601	4.6		1.6		15.4	<	3.3		64				4490		
E246	Threemile above Pajarito	WT		UF	DUP	GU04080E24601															
E247	MDA G-1	WT		F	CS	GF04080E24701	0.18	<	0.07	<	0.762	<	1.43	<	2.7				365		
E247	MDA G-1	WT		UF	CS	GU04080E24701	9.8		2.5		41.1		14.6		39.4				11900		
E247	MDA G-1	WT		F	CS	GF04100E24701	0.172	<	0.07	<	0.762	<	1.43		2				521		
E247	MDA G-1	WT		UF	CS	GU04100E24701	8.7		2.2		37.6		69.9		62.4				79100		
E247	MDA G-1	WT		UF	DUP	GU04100E24701	8.88		2.29		37.9		71.1		63.5				80400		
E247	MDA G-1	WT		F	CS	GF04100E24702	0.39	<	0.07	<	2.6	<	1.43	<	1.8				476		
E247	MDA G-1	WT		F	DUP	GF04100E24702	0.172	<	0.07		2.3	<	1.43	<	1.8				450		
E247	MDA G-1	WT		UF	CS	GU04100E24702	3.2		0.95		11.2		25		24.9				30700		
E247	MDA G-1	WT		UF	DUP	GU04100E24702	3.21		0.959		11.1		25.6		25.9				30500		
E248.5	MDA G-6U	WT		UF	CS	GU0404E248502	1.51		0.781		4.24		14.8		20.1				14300		
E248.5	MDA G-6U	WT		F	CS	GF0407E248501	0.17	<	0.07	<	0.76	<	1.4	<	3.18			<	121		
E248.5	MDA G-6U	WT		UF	CS	GU0407E248501	0.421	<	0.335	<	0.845	<	4.47		11.9				5570		
E248.5	MDA G-6U	WT		F	CS	GF0409E248501	0.172		0.22	<	2.3		3		5.7				290		
E248.5	MDA G-6U	WT		F	DUP	GF0409E248501	0.172		0.178		3.16		3.06		5.19				348		
E248.5	MDA G-6U	WT		UF	CS	GU0409E248501	0.71		0.61	<	2		15.9		23.2				8040		
E248.5	MDA G-6U	WT		UF	DUP	GU0409E248501	0.602		0.547		1.69		15.2		22.8				7910		
E248.5	MDA G-6U	WT		F	CS	GF0410E248501	0.33	<	0.07	<	1.8	<	1.43		2			<	163		
E249	MDA G-4	WT		F	CS	GF04080E24901	0.172	<	0.072	<	0.762	<	1.43	<	3.5				232		
E249	MDA G-4	WT		UF	CS	GU04080E24901	1.4		1.2	<	3.7	<	1.7		15.7				2360		
E250	Pajarito above SR-4	WT		UF	CS	GU04040E25002		<	0.182										2180		
E250	Pajarito above SR-4	WT		F	CS	GF04040E25001	0.172	<	0.07	<	0.762	<	1.43		2.76				46.5		
E250	Pajarito above SR-4	WT		UF	CS	GU04040E25001	0.603		0.243		1.79		2.25		7.93				4400		
E252.5	Water above S Site Canyon	WM		F	CS	GF04040M26001	0.172	<	0.07	<	0.762	<	1.43	<	1.8			<	46.1		
E252.5	Water above S Site Canyon	WM		UF	CS	GU04040M26001	0.172	<	0.07	<	0.762	<	1.43	<	1.8				126		
E252.5	Water above S Site Canyon	WT		F	CS	GF04080E26001	0.172	<	0.07	<	0.762	<	1.43	<	1.8				750		
E252.5	Water above S Site Canyon	WT		UF	CS	GU04080E26001	10.5		3.3		40.9		15.1		38.8				20400		
E252.8	S Site Canyon above Water	WT		F	CS	GF04080E26101	0.172	<	0.093	<	0.762	<	1.43	<	2.2				1200		
E252.8	S Site Canyon above Water	WT		UF	CS	GU04080E26101	38.8		10.4		147		220		370				312000		
E252.8	S Site Canyon above Water	WT		UF	DUP	GU04080E26101															
E256	Canon de Valle below MDA P	WT		F	CS	GF04070E25601	0.172	<	0.07	<	4	<	1.43		5			<	89.1		
E256	Canon de Valle below MDA P	WT		UF	CS	GU04070E25601	7.8		4.1		23.3		55.1		126				67700		
E256	Canon de Valle below MDA P	WT		F	CS	GF04080E25601	0.172	<	0.07	<	2.9	<	1.43		5.6				362		
E256	Canon de Valle below MDA P	WT		UF	CS	GU04080E25601	4.5		1.2		12.8		40.6		64.5				53900		
E256	Canon de Valle below MDA P	WT		F	CS	GF04080E25602	0.172	<	0.086		5.7	<	1.43		6.2				1040		
E256	Canon de Valle below MDA P	WT		UF	CS	GU04080E25602	14		2.9		44.5		132		241				173000		
E257	Canon de Valle tributary at Burn Grounds	WT		F	CS	GF04040E25701	0.172		0.074	<	0.762	<	1.43		2.45				779		
E257	Canon de Valle tributary at Burn Grounds	WT		UF	CS	GU04040E25701	0.399		0.217		1.34		3.35		5.6				3870		

Table I-6. Watershed Storm Water Monitoring, 2004
Analytical Results for Metals

						Analyte		Cd		Co		Cr		Cu		Cu		Fe		Fe	
						Anyl Meth Code	00.7	EPA:200.8		EPA:200.7		EPA:200.7		EPA:200.7		EPA:200.8		EPA:200.7		EPA:200.8	
						Std Uom		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
							Result	Sym	Result	Sym	Result	Sym	Result	Sym	Result	Sym	Result	Sym	Result	Sym	Result
Location Synonym	Location Name	Fld Matrix Code	Fld Qc Type Code	Fld Prep Code	Lab Sample Type Code	Sample Id															
E257	Canon de Valle tributary at Burn Grounds	WT		F	CS	GF04070E25701	0.17	<	0.07	<	0.76	<	1.4	<	2.61				720		
E257	Canon de Valle tributary at Burn Grounds	WT		UF	CS	GU04070E25701	5.69		2.64		21.2		41.1		58				55700		
E257	Canon de Valle tributary at Burn Grounds	WT		F	CS	GF04070E25702	0.172	<	0.07		5.7	<	1.43	<	2.4				679		
E257	Canon de Valle tributary at Burn Grounds	WT		UF	CS	GU04070E25702	3.7		2		14.9		20.5		35.7				26900		
E257	Canon de Valle tributary at Burn Grounds	WT		F	CS	GF04080E25701	0.33	<	0.13	<	2.7	<	3.4		5.5				3720		
E257	Canon de Valle tributary at Burn Grounds	WT		UF	CS	GU04080E25701	0.6	<	0.39	<	0.99		5.1		8.1				6690		
E257	Canon de Valle tributary at Burn Grounds	WT		UF	CS	GU04080E25702															
E262	Canon de Valle above Water	WT		F	CS	GF04080E26201	0.172	<	0.07	<	0.762	<	1.43	<	1.8				680		
E262	Canon de Valle above Water	WT		UF	CS	GU04080E26201	11.9		3		33		12.4		44.5				13800		
E262.5	Water below MDA AB	WM		F	CS	GF0404M262501	0.172	<	0.07	<	0.762	<	1.43	<	1.8			<	52.3		
E262.5	Water below MDA AB	WM		UF	CS	GU0404M262501	0.172	<	0.07	<	0.762	<	1.43	<	1.8				112		
E262.5	Water below MDA AB	WT		F	CS	GF0408E262501	0.172	<	0.073	<	3.7	<	1.43	<	2				755		
E262.5	Water below MDA AB	WT		UF	CS	GU0408E262501	7.9		2.3		39.2		59.2		76.1				76300		
E262.5	Water below MDA AB	WT		F	CS	GF0410E262501	0.172		0.072	<	0.762	<	1.43		2.3				347		
E262.5	Water below MDA AB	WT		UF	CS	GU0410E262501	6.9		2.7		30.8	<	1.43		22.3				1700		
E263	Water at SR-4	WT		F	CS	GF04080E26301	0.172	<	0.07	<	3.4	<	1.43	<	1.9				572		
E263	Water at SR-4	WT		UF	CS	GU04080E26301	30.4		7.2		127		146		175				198000		
E263	Water at SR-4	WT		F	CS	GF04080E26302	0.172	<	0.1	<	3.9	<	1.43	<	1.8				1190		
E263	Water at SR-4	WT		F	DUP	GF04080E26302	0.172	<	0.092	<	3.91	<	1.43	<	1.87				1170		1310
E263	Water at SR-4	WT		UF	CS	GU04080E26302	18.5		9.5		70.1		24.2		84.8				33200		
E263	Water at SR-4	WT		UF	DUP	GU04080E26302	19.1		8.53		73.1		30.1		91.3				40700		145000
E265	Water below SR-4	WT		F	CS	GF04050E26501	0.172	<	0.07	<	0.762	<	1.43	<	1.8			<	14.9		
E265	Water below SR-4	WT		UF	CS	GU04050E26501	0.172	<	0.07	<	0.762	<	1.43	<	1.8			<	14.9		
E265	Water below SR-4	WT	EQB	F	CS	GF04080E26501	0.172	<	0.095	<	0.762	<	1.43	<	1.8				200		
E265	Water below SR-4	WT	EQB	UF	CS	GU04080E26501	0.172	<	0.07	<	0.762	<	1.43	<	1.8			<	14.9		
E265	Water below SR-4	WT	EQB	UF	DUP	GU04080E26501	0.172			<	0.762	<	1.43	<	1.8			<	14.9		
E265	Water below SR-4	WT		F	CS	GF04080E26502	0.172	<	0.07	<	3.3	<	1.43	<	1.8				589		
E265	Water below SR-4	WT		UF	CS	GU04080E26502	27.7		6.7		113		184		207				224000		
E265	Water below SR-4	WT		F	CS	GF04080E26503	0.172	<	0.081	<	2.5	<	1.43	<	1.9				710		
E265	Water below SR-4	WT		UF	CS	GU04080E26503	46		11.7		201		162		198				231000		

Table I-6. Watershed Storm Water Monitoring, 2004
Analytical Results for Metals

						Analyte	Hg		Mn		Mo		Ni		Ni		Pb		Sb		Se
						Anyl Meth Code	EPA:245.1		EPA:200.7		EPA:200.7		EPA:200.7		EPA:200.8		EPA:200.8		EPA:200.8		EPA:2
						Std Uom	ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L
							Sym	Result	Sym	Result	Sym	Result	Sym	Result	Sym	Result	Sym	Result	Sym	Result	Sym
Location Synonym	Location Name	Fld Matrix Code	Fld Qc Type Code	Fld Prep Code	Lab Sample Type Code	Sample Id															
E026	Los Alamos below Ice Rink	WM		F	CS	GF04040M02601			<	5.38	<	0.948	<	3.6			<	0.237	<	0.2	<
E026	Los Alamos below Ice Rink	WM		F	DUP	GF04040M02601			<	4.55	<	0.948	<	3.6			<	0.21	<	0.2	<
E026	Los Alamos below Ice Rink	WM		UF	CS	GU04040M02601	<	0.047		25.7	<	0.948	<	3.6			<	0.817	<	0.2	<
E026	Los Alamos below Ice Rink	WM		UF	DUP	GU04040M02601	<	0.047		25.7	<	0.948	<	3.6			<	0.812	<	0.2	<
E026	Los Alamos below Ice Rink	WT		F	CS	GF04050E02601			<	0.304	<	0.948	<	3.6			<	0.05	<	0.2	<
E026	Los Alamos below Ice Rink	WT		F	DUP	GF04050E02601			<	0.304	<	0.948	<	3.6			<	0.05	<	0.2	<
E026	Los Alamos below Ice Rink	WT		UF	CS	GU04050E02601	<	0.0472	<	0.304	<	0.948	<	3.6			<	0.05	<	0.2	<
E026	Los Alamos below Ice Rink	WT		UF	DUP	GU04050E02601			<	0.304	<	0.948	<	3.6			<	0.05	<	0.2	<
E026	Los Alamos below Ice Rink	WT	EQB	F	CS	GF04080E02601			<	1.1	<	0.948	<	3.6			<	0.05	<	0.2	<
E026	Los Alamos below Ice Rink	WT	EQB	UF	CS	GU04080E02601	<	0.0472	<	0.304	<	0.948	<	3.6			<	0.05	<	0.2	<
E030	Los Alamos above DP Canyon	WT		UF	CS	GU04040E03002		0.272		2160	<	4.57		27.9				105	<	0.866	<
E030	Los Alamos above DP Canyon	WT		F	CS	GF04070E03001				196	<	3.25	<	3.6				2.05	<	0.555	<
E030	Los Alamos above DP Canyon	WT		UF	CS	GU04070E03001	<	0.0851		7590	<	4.69		87.8				281	<	1.41	<
E030	Los Alamos above DP Canyon	WT		F	CS	GF04080E03001				24.7	<	3.7	<	3.6				0.54	<	0.55	<
E030	Los Alamos above DP Canyon	WT		UF	CS	GU04080E03001				6670	<	4		59.6				294	<	1.1	<
E030	Los Alamos above DP Canyon	WT		F	CS	GF04080E03002				301	<	4.4	<	3.6			<	0.8	<	0.51	<
E030	Los Alamos above DP Canyon	WT		UF	CS	GU04080E03002	<	0.0472		8780	<	1.3		60.2				249	<	0.36	<
E030	Los Alamos above DP Canyon	WT		F	CS	GF04090E03001				9.6	<	3.9	<	3.6				1.2	<	0.2	<
E030	Los Alamos above DP Canyon	WT		UF	CS	GU04090E03001		1.2													
E038	DP above TA-21	WT		UF	CS	GU04060E03801				1220	<	6.78		34.8				126		3.7	<
E038	DP above TA-21	WT		F	CS	GF04060E03801				667	<	6.51		19.8				75.7		2.61	<
E038	DP above TA-21	WT		F	DUP	GF04060E03801				662	<	4.81		19				68.2		2.8	<
E038	DP above TA-21	WT	FD	F	CS	GF04070E03890			<	2.72	<	2.36	<	3.6			<	0.459	<	0.564	<
E038	DP above TA-21	WT	FD	UF	CS	GU04070E03890	<	0.195		1430	<	2.97		30.6				155		2.04	<
E038	DP above TA-21	WT		F	CS	GF04070E03801			<	3.64	<	1.43	<	3.6			<	0.866	<	0.564	<
E038	DP above TA-21	WT		UF	CS	GU04070E03801		0.26		1530	<	2.49		31.3				162	<	1.93	<
E038	DP above TA-21	WT		UF	CS	GU04070E03802	<	0.0472													
E038	DP above TA-21	WT		F	CS	GF04070E03802			<	3.82	<	0.95	<	3.6				0.735	<	0.379	<
E038	DP above TA-21	WT		UF	CS	GU04070E03803	<	0.136		1150	<	2.32		20.6				111	<	1.64	<
E038	DP above TA-21	WT		F	CS	GF04070E03803				17.2	<	2.1	<	3.6			<	0.6	<	0.73	<
E038	DP above TA-21	WT		F	DUP	GF04070E03803				16.8	<	1.89	<	3.6			<	0.557	<	0.626	<
E038	DP above TA-21	WT		UF	CS	GU04070E03804	<	0.0472		525	<	2.1		13.1				58.7	<	1.4	<
E038	DP above TA-21	WT		UF	DUP	GU04070E03804	<	0.0472		516	<	1.92		12.1				59	<	1.44	<
E039	DP below Meadow at TA-21	WT		F	CS	GF04050E03901			<	0.304	<	0.948	<	3.6			<	0.05	<	0.2	<
E039	DP below Meadow at TA-21	WT		UF	CS	GU04050E03901	<	0.0472	<	0.304	<	0.948	<	3.6			<	0.05	<	0.2	<
E039	DP below Meadow at TA-21	WT		F	CS	GF04070E03901				13.7	<	2.36	<	3.6			<	1.3	<	0.554	<
E039	DP below Meadow at TA-21	WT		UF	CS	GU04070E03901		0.244		1270	<	4.54		27.2				126		2.15	<
E039	DP below Meadow at TA-21	WT		F	CS	GF04070E03902			<	5.96	<	1.87	<	3.6				1.22	<	0.457	<
E039	DP below Meadow at TA-21	WT		UF	CS	GU04070E03902	<	0.18		1180	<	4.33		26.9				117	<	1.46	<
E039	DP below Meadow at TA-21	WT		F	CS	GF04070E03903				11.7	<	2	<	3.6			<	0.81	<	0.67	<
E039	DP below Meadow at TA-21	WT		UF	CS	GU04070E03903	<	0.0472		810	<	4		18.6				72.7	<	1.1	<
E039	DP below Meadow at TA-21	WT	EQB	F	CS	GF04070E03904			<	0.304	<	0.948	<	3.6			<	0.05	<	0.2	<
E039	DP below Meadow at TA-21	WT	EQB	F	DUP	GF04070E03904			<	0.304	<	0.948	<	3.6			<	0.05	<	0.2	<
E039	DP below Meadow at TA-21	WT	EQB	UF	CS	GU04070E03904	<	0.0472	<	0.304	<	0.948	<	3.6			<	0.05	<	0.2	<

Table I-6. Watershed Storm Water Monitoring, 2004
Analytical Results for Metals

						Analyte	Hg		Mn		Mo		Ni		Ni		Pb		Sb		Se
						Anyl Meth Code	EPA:245.1		EPA:200.7		EPA:200.7		EPA:200.7		EPA:200.8		EPA:200.8		EPA:200.8		EPA:2
						Std Uom	ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L
							Sym	Result	Sym	Result	Sym	Result	Sym	Result	Sym	Result	Sym	Result	Sym	Result	Sym
Location Synonym	Location Name	Fld Matrix Code	Fld Qc Type Code	Fld Prep Code	Lab Sample Type Code	Sample Id															
E040	DP above Los Alamos Canyon	WT		F	CS	GF04070E04001			<	3.41	<	3.07	<	3.6			<	0.886	<	0.71	<
E040	DP above Los Alamos Canyon	WT		F	DUP	GF04070E04001			<	4.12	<	1.29	<	3.6			<	0.899	<	0.665	<
E040	DP above Los Alamos Canyon	WT		UF	CS	GU04070E04001		0.679		5540	<	9.12		70.5				509		2.47	<
E040	DP above Los Alamos Canyon	WT		UF	DUP	GU04070E04001		0.642		5350	<	7.61		67.5				452		2.61	<
E040	DP above Los Alamos Canyon	WT		F	CS	GF04070E04002				13.4	<	2.1	<	3.6			<	1	<	0.55	<
E040	DP above Los Alamos Canyon	WT		UF	CS	GU04070E04002	<	0.064		1990	<	4.7		28.6				177	<	1.4	<
E040	DP above Los Alamos Canyon	WT		F	CS	GF04080E04001				43.7	<	2	<	3.6			<	0.87	<	0.86	<
E040	DP above Los Alamos Canyon	WT		F	DUP	GF04080E04001				43.1	<	1.92	<	3.6			<	0.957	<	0.864	<
E040	DP above Los Alamos Canyon	WT		UF	CS	GU04080E04001		0.25		2480	<	3.2		45.1				268	<	2	<
E040	DP above Los Alamos Canyon	WT		F	CS	GF04080E04002			<	9.1	<	0.948	<	3.6			<	0.9	<	0.67	<
E040	DP above Los Alamos Canyon	WT		UF	CS	GU04080E04002	<	0.0472		3030	<	3.9		62.7				266	<	1.8	<
E040	DP above Los Alamos Canyon	WT		UF	DUP	GU04080E04002	<	0.0472		2840	<	4.46		51.8				259		2.21	<
E042	Los Alamos above SR-4	WT		UF	CS	GU04040E04202		0.232		2780		15.5		45.8				160	<	1.01	<
E042	Los Alamos above SR-4	WT		UF	DUP	GU04040E04202		0.244													
E042	Los Alamos above SR-4	WT		F	CS	GF04070E04201				452	<	11.1	<	4.55				6.51	<	0.757	<
E042	Los Alamos above SR-4	WT		UF	CS	GU04070E04201		0.491		3160	<	2.59		34.6				230	<	1.63	<
E042	Los Alamos above SR-4	WT		UF	DUP	GU04070E04201				3130	<	3.49		34.9				228	<	1.61	<
E042	Los Alamos above SR-4	WT		F	CS	GF04080E04201				36.5	<	3.8	<	3.6				0.83	<	0.59	<
E042	Los Alamos above SR-4	WT		UF	CS	GU04080E04201	<	0.0472		6730	<	4.8		82				412		2.3	<
E042	Los Alamos above SR-4	WT		UF	DUP	GU04080E04201				6540	<	3.76		79.8				405		2.37	
E042	Los Alamos above SR-4	WT		F	CS	GF04100E04201				4.7	<	0.948	<	3.6				1.1	<	0.27	<
E042	Los Alamos above SR-4	WT		UF	CS	GU04100E04201		0.37		4020	<	6.1		69.4				256	<	0.72	<
E042	Los Alamos above SR-4	WT		F	CS	GF04100E04202				12	<	1.3	<	3.6				1.1	<	0.51	<
E050	Los Alamos below LA Weir	WM		F	CS	GF04040M05001				87		55.9	<	3.6			<	0.12	<	0.2	<
E050	Los Alamos below LA Weir	WM		UF	CS	GU04040M05001	<	0.047		129		57	<	3.6			<	1.3	<	0.2	<
E055	Pueblo above Acid	WT		F	CS	GF04070E05501				119	<	4.61	<	3.81			<	0.62	<	0.5	<
E055	Pueblo above Acid	WT		F	DUP	GF04070E05501				116	<	3.09	<	3.6			<	0.581	<	0.476	<
E055	Pueblo above Acid	WT		UF	CS	GU04070E05501		0.653		9390	<	5.92		77				270	<	1.3	<
E055	Pueblo above Acid	WT		UF	DUP	GU04070E05501		0.563		9250	<	6.26		72.8				266	<	1.18	<
E055	Pueblo above Acid	WT		F	CS	GF04080E05501				13.5	<	1.8	<	3.6				1.1	<	0.3	<
E055	Pueblo above Acid	WT		UF	CS	GU04080E05501		0.22		5110	<	3		23.8				94.9	<	0.45	<
E055	Pueblo above Acid	WT		F	CS	GF04080E05502				6.5	<	3.7	<	3.6			<	0.49	<	0.52	<
E055	Pueblo above Acid	WT		UF	CS	GU04080E05502		0.23		2050	<	4.1		33.4				110	<	0.47	<
E055	Pueblo above Acid	WT		F	CS	GF04090E05501				6.2	<	2.5	<	3.6				0.89	<	0.2	<
E055	Pueblo above Acid	WT		F	DUP	GF04090E05501				5.63		3.52	<	3.6				0.906	<	0.2	<
E055	Pueblo above Acid	WT		UF	CS	GU04090E05501		0.31		6070	<	8.8		66.2				236		1.1	<
E055	Pueblo above Acid	WT		UF	DUP	GU04090E05501		0.291		6270		5.94		66.2				238		1.12	<
E0555	South Fork of Acid Canyon	WT		F	CS	GF0409E055501				6.3	<	2.4	<	3.6				0.85	<	0.42	<
E0555	South Fork of Acid Canyon	WT		F	DUP	GF0409E055501				6.34		1.13	<	3.6				0.882		0.277	<
E0555	South Fork of Acid Canyon	WT		UF	CS	GU0409E055501				873	<	6		19				115	<	1	<
E0555	South Fork of Acid Canyon	WT		UF	DUP	GU0409E055501				829		4.37		17.7				116		0.95	<
E060	Pueblo above SR-502	WT		F	CS	GF04050E06001			<	0.33	<	0.948	<	3.6			<	0.05	<	0.21	<
E060	Pueblo above SR-502	WT		F	DUP	GF04050E06001			<	0.304	<	0.948	<	3.6			<	0.05	<	0.2	<
E060	Pueblo above SR-502	WT		UF	CS	GU04050E06001	<	0.0472	<	0.304	<	0.948	<	3.6			<	0.05	<	0.2	<

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Analytical Results for Metals

						Analyte	Hg		Mn		Mo		Ni		Ni		Pb		Sb		Se
						Anyl Meth Code	EPA:245.1		EPA:200.7		EPA:200.7		EPA:200.7		EPA:200.8		EPA:200.8		EPA:200.8		EPA:2
						Std Uom	ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L
							Sym	Result	Sym	Result	Sym	Result	Sym	Result	Sym	Result	Sym	Result	Sym	Result	Sym
Location Synonym	Location Name	Fld Matrix Code	Fld Qc Type Code	Fld Prep Code	Lab Sample Type Code	Sample Id															
E060	Pueblo above SR-502	WT		UF	DUP	GU04050E06001	<	0.047	<	0.547	<	0.948	<	3.6			<	0.05	<	0.2	<
E060	Pueblo above SR-502	WT		F	CS	GF04070E06001				719	<	8.2		5.4				2.07	<	0.598	<
E060	Pueblo above SR-502	WT		F	DUP	GF04070E06001				704	<	6		6.06				2.13	<	0.497	<
E060	Pueblo above SR-502	WT		UF	CS	GU04070E06001	<	0.142		1120	<	6.15		14.6				31.4	<	0.733	<
E060	Pueblo above SR-502	WT		F	CS	GF04070E06002				68.2	<	4.1	<	3.6			<	0.63	<	0.43	<
E060	Pueblo above SR-502	WT		UF	CS	GU04070E06002		0.28		2840	<	7.7		43.3				167	<	1.1	<
E060	Pueblo above SR-502	WT	EQB	F	CS	GF04080E06001			<	0.304	<	0.948	<	3.6			<	0.05	<	0.2	<
E060	Pueblo above SR-502	WT	EQB	F	DUP	GF04080E06001			<	0.304	<	0.948	<	3.6			<	0.05	<	0.2	<
E060	Pueblo above SR-502	WT	EQB	UF	CS	GU04080E06001	<	0.0472	<	2.2	<	0.948	<	3.6			<	0.12	<	0.2	<
E060	Pueblo above SR-502	WT	EQB	UF	DUP	GU04080E06001			<	2.09	<	0.948	<	3.6			<	0.097	<	0.2	<
E060	Pueblo above SR-502	WT		F	CS	GF04080E06002				522	<	6.5	<	4.2				0.65	<	0.56	<
E060	Pueblo above SR-502	WT		UF	CS	GU04080E06002	<	0.081		1350	<	5.6		16				37.4	<	0.58	<
E121	Sandia right fork at Power Plant	WT		UF	CS	GU04020E12101	<	0.0472										9.54			
E121	Sandia right fork at Power Plant	WT		F	CS	GF04070E12101				14.8	<	2.5	<	3.6			<	0.51	<	0.54	<
E121	Sandia right fork at Power Plant	WT		UF	CS	GU04070E12101		0.22		284	<	3.2		9.1				22.2	<	0.76	<
E121	Sandia right fork at Power Plant	WT		F	CS	GF04080E12101				17.5	<	2.6	<	3.6			<	0.39	<	1.6	<
E121	Sandia right fork at Power Plant	WT		F	DUP	GF04080E12101				17.8	<	0.948	<	3.6			<	0.393	<	1.42	<
E121	Sandia right fork at Power Plant	WT		UF	CS	GU04080E12101				355	<	2		10.2				31.5	<	1.4	<
E121	Sandia right fork at Power Plant	WT		UF	DUP	GU04080E12101				328	<	1.67		8.5				32.2	<	1.38	<
E121	Sandia right fork at Power Plant	WT		F	CS	GF04080E12102				11.7	<	2.1	<	3.6			<	0.63	<	0.62	<
E121	Sandia right fork at Power Plant	WT		F	DUP	GF04080E12102				12.1	<	2.72	<	3.6			<	0.621	<	0.582	<
E121	Sandia right fork at Power Plant	WT		UF	CS	GU04080E12102		0.24		196	<	5	<	4.8				15.9	<	0.76	<
E121	Sandia right fork at Power Plant	WT		UF	DUP	GU04080E12102				201	<	4.33	<	3.76				16.5	<	0.777	<
E121	Sandia right fork at Power Plant	WT		F	CS	GF04090E12101				86.7	<	1.7	<	3.6			<	0.54	<	1.1	<
E121	Sandia right fork at Power Plant	WT		F	DUP	GF04090E12101				85.5	<	0.948	<	3.6				0.544		0.907	<
E121	Sandia right fork at Power Plant	WT		UF	CS	GU04090E12101		0.24		287	<	1.3		6.4				16.1	<	1.3	<
E121	Sandia right fork at Power Plant	WT		UF	DUP	GU04090E12101		0.232		286		1.98		5.88				16		1.29	<
E122	Sandia left fork at Asphalt Plant	WT		UF	CS	GU04020E12201	<	0.0472										28.2			
E122	Sandia left fork at Asphalt Plant	WT		UF	CS	GU04040E12201		0.152													
E122	Sandia left fork at Asphalt Plant	WT		UF	DUP	GU04040E12201		0.171													
E122	Sandia left fork at Asphalt Plant	WT		F	CS	GF04040E12201				25.9	<	2.11	<	3.6			<	0.957	<	0.473	<
E122	Sandia left fork at Asphalt Plant	WT		F	DUP	GF04040E12201				24.9	<	0.948	<	3.6			<	0.888	<	0.418	
E122	Sandia left fork at Asphalt Plant	WT		UF	CS	GU04040E12202				155	<	1.42	<	4.07				25.2	<	0.758	<
E122	Sandia left fork at Asphalt Plant	WT		F	CS	GF04070E12201				15.3	<	2.7	<	3.6			<	0.4	<	0.44	<
E122	Sandia left fork at Asphalt Plant	WT		UF	CS	GU04070E12201	<	0.051		652	<	3.6		20.2				58.3	<	0.99	<
E122	Sandia left fork at Asphalt Plant	WT		F	CS	GF04080E12201				31	<	4.2	<	3.6			<	0.49	<	0.64	<
E122	Sandia left fork at Asphalt Plant	WT		UF	CS	GU04080E12201	<	0.0472		295	<	3.7		8.2				30.5	<	0.8	<
E122	Sandia left fork at Asphalt Plant	WT		F	CS	GF04080E12202				488	<	1.4		11.5				145	<	1.4	<
E122	Sandia left fork at Asphalt Plant	WT		UF	CS	GU04080E12202	<	0.054		141	<	1.6		6				84.7	<	1.6	<
E123	Sandia below Wetlands	WT		F	CS	GF04070E12301				29.6		13.3	<	3.6			<	0.656	<	0.469	<
E123	Sandia below Wetlands	WT		F	DUP	GF04070E12301				28.8		12.1	<	3.6			<	0.638	<	0.433	<
E123	Sandia below Wetlands	WT		UF	CS	GU04070E12301		0.643		3050		15.2		20.1				57.6	<	0.523	<
E123	Sandia below Wetlands	WT		UF	DUP	GU04070E12301		0.58		2990		13.5		20.5				58.1	<	0.532	<
E123	Sandia below Wetlands	WT		F	CS	GF04070E12302				107	<	9.5	<	3.6			<	0.536	<	0.704	<

Table I-6. Watershed Storm Water Monitoring, 2004
Analytical Results for Metals

						Analyte	Hg		Mn		Mo		Ni		Ni		Pb		Sb		Se
						Anyl Meth Code	EPA:245.1		EPA:200.7		EPA:200.7		EPA:200.7		EPA:200.8		EPA:200.8		EPA:200.8		EPA:2
						Std Uom	ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L
							Sym	Result	Sym	Result	Sym	Result	Sym	Result	Sym	Result	Sym	Result	Sym	Result	Sym
Location Synonym	Location Name	Fld Matrix Code	Fld Qc Type Code	Fld Prep Code	Lab Sample Type Code	Sample Id															
E123	Sandia below Wetlands	WT		UF	CS	GU04070E12302		0.921		1440		20		34.6				104	<	1.51	<
E123	Sandia below Wetlands	WT		F	CS	GF04070E12303				22		12.2	<	3.6			<	0.56	<	0.38	<
E123	Sandia below Wetlands	WT		UF	CS	GU04070E12303		0.31		924		13.7		12.4				29.8	<	0.6	<
E123	Sandia below Wetlands	WT		F	CS	GF04080E12301				14.5	<	10.4	<	3.6			<	0.7	<	0.63	<
E123	Sandia below Wetlands	WT		UF	CS	GU04080E12301		0.87		1850		15.2		23.2				59.7	<	0.68	<
E124	Sandia above Firing Range	WT		UF	CS	GU04080E12401	<	0.0472													
E124	Sandia above Firing Range	WT		F	CS	GF04080E12401				10.4		13.3	<	3.6				0.69	<	0.63	<
E124	Sandia above Firing Range	WT		UF	CS	GU04080E12402		0.69		2220		14.9		27.1				83.4	<	0.94	<
E124	Sandia above Firing Range	WT		F	CS	GF04080E12402				30.2	<	5.2	<	3.6			<	0.82	<	1.3	<
E124	Sandia above Firing Range	WT		UF	CS	GU04080E12403	<	0.1		1960	<	3.6		26.7				116	<	0.91	<
E124	Sandia above Firing Range	WT		F	CS	GF04100E12401				16.1		12.8	<	3.6				0.6	<	0.49	<
E124	Sandia above Firing Range	WT		F	DUP	GF04100E12401				15.6		12.8	<	3.6							
E124	Sandia above Firing Range	WT		UF	CS	GU04100E12401				193		10.4		6.1				9.8	<	0.38	<
E200	Mortandad below Effluent Canyon	WT		F	CS	GF04070E20001				14.3		15.6	<	3.6			<	0.71		5	<
E200	Mortandad below Effluent Canyon	WT		UF	CS	GU04070E20001	<	0.0472		359		14.3		6.9				12.9		4.9	<
E200	Mortandad below Effluent Canyon	WT		UF	DUP	GU04070E20001	<	0.047										12.8		4.97	
E200	Mortandad below Effluent Canyon	WT		F	CS	GF04080E20001				40.7	<	5.3	<	3.6			<	0.55	<	0.6	<
E200	Mortandad below Effluent Canyon	WT		UF	CS	GU04080E20001	<	0.1		1220	<	6.5		19.8				52.9	<	1.5	<
E200	Mortandad below Effluent Canyon	WT		F	CS	GF04080E20002				27.5	<	7.7	<	3.6				0.69	<	0.69	<
E200	Mortandad below Effluent Canyon	WT		F	DUP	GF04080E20002				27.3	<	5.75	<	3.6			<	0.667	<	0.681	<
E200	Mortandad below Effluent Canyon	WT		UF	CS	GU04080E20002	<	0.14		2170	<	9.8		26.5				73.4	<	2.2	<
E200	Mortandad below Effluent Canyon	WT		F	CS	GF04080E20003				11.4		11.1	<	3.6				0.64		9.4	<
E200	Mortandad below Effluent Canyon	WT		UF	CS	GU04080E20003	<	0.0472		458		12.4		11.3				21.8	<	1	<
E201.3	Ten Site below MDA C	WT		UF	CS	GU0404E201302		0.082		30.5	<	2.03	<	3.6				2.67	<	0.809	<
E201.3	Ten Site below MDA C	WT		UF	CS	GU0404E201303	<	0.0472										4.32			
E201.3	Ten Site below MDA C	WT		F	CS	GF0404E201301				8.56	<	0.948	<	3.6				0.584	<	0.2	<
E201.3	Ten Site below MDA C	WT		F	DUP	GF0404E201301				8.12	<	0.948	<	3.6							
E201.3	Ten Site below MDA C	WT		F	CS	GF0407E201301			<	5.85	<	1.35	<	3.6				0.441	<	0.259	<
E201.3	Ten Site below MDA C	WT		UF	CS	GU0407E201301	<	0.0674		2060	<	3.17		33.4				73.4	<	0.817	<
E201.3	Ten Site below MDA C	WT		F	CS	GF0410E201301				19.4	<	2.6	<	3.6				0.52		0.69	<
E201.3	Ten Site below MDA C	WT		F	DUP	GF0410E201301				18.8	<	0.948	<	3.6				0.504		0.706	
E201.3	Ten Site below MDA C	WT		UF	CS	GU0410E201301				22.5	<	1.3	<	3.6				1.6		0.56	<
E201.3	Ten Site below MDA C	WT		UF	DUP	GU0410E201301				25.2	<	0.948	<	3.6				1.59		0.547	<
E201.5	Ten Site above Mortandad	WT		F	CS	GF0408E201501				22.3	<	0.948	<	3.6			<	0.69	<	0.22	<
E201.5	Ten Site above Mortandad	WT		F	DUP	GF0408E201501				22.3	<	0.948	<	3.6			<	0.687	<	0.206	<
E201.5	Ten Site above Mortandad	WT		UF	CS	GU0408E201501	<	0.075		895	<	0.948		15.2				59.3	<	0.44	<
E218	Canada del Buey near TA-46	WT		F	CS	GF04080E21801				296	<	1.4	<	3.6				0.7	<	0.21	<
E218	Canada del Buey near TA-46	WT		UF	CS	GU04080E21801		0.21		2570	<	2		48.7				111	<	0.32	<
E218	Canada del Buey near TA-46	WT		F	CS	GF04100E21801				6.2	<	1.3	<	3.6			<	0.081	<	0.2	<
E218	Canada del Buey near TA-46	WT		F	DUP	GF04100E21801				5.28		2.29	<	3.6				0.069	<	0.2	<
E218	Canada del Buey near TA-46	WT		UF	CS	GU04100E21801	<	0.0472		27.9	<	0.948	<	3.6				3.3	<	0.2	<
E218	Canada del Buey near TA-46	WT		F	CS	GF04100E21802				29.7		77.2		3.7				4.5		2.1	<
E218	Canada del Buey near TA-46	WT		F	DUP	GF04100E21802				31.7		77.6	<	3.6				4.35		1.99	<
E218	Canada del Buey near TA-46	WT		UF	CS	GU04100E21802		0.13		179		54.9		5.9				14.6	<	1.4	<

Table I-6. Watershed Storm Water Monitoring, 2004
Analytical Results for Metals

						Analyte	Hg		Mn		Mo		Ni		Ni		Pb		Sb		Se
						Anyl Meth Code	EPA:245.1		EPA:200.7		EPA:200.7		EPA:200.7		EPA:200.8		EPA:200.8		EPA:200.8		EPA:2
						Std Uom	ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L
							Sym	Result	Sym	Result	Sym	Result	Sym	Result	Sym	Result	Sym	Result	Sym	Result	Sym
Location Synonym	Location Name	Fld Matrix Code	Fld Qc Type Code	Fld Prep Code	Lab Sample Type Code	Sample Id															
E227	MDA G-13	WT		F	CS	GF04080E22701				26.6	<	3.2	<	3.6			<	0.31	<	1.3	<
E227	MDA G-13	WT		F	DUP	GF04080E22701				26.2	<	1.29	<	3.6		1.49	<	0.315	<	1.23	<
E227	MDA G-13	WT		UF	CS	GU04080E22701	<	0.058		2540	<	5.6		45.9				75.1	<	1.3	<
E227	MDA G-13	WT		UF	DUP	GU04080E22701				2570	<	5.07		45.4		45.6		80.8	<	1.58	<
E230	Canada del Buey above SR-4	WT		F	CS	GF04080E23001				33.2	<	3.4	<	3.6			<	0.29	<	0.4	<
E230	Canada del Buey above SR-4	WT		F	DUP	GF04080E23001				34.6	<	2.05	<	3.6			<	0.295	<	0.345	<
E230	Canada del Buey above SR-4	WT		UF	CS	GU04080E23001	<	0.0472		6550	<	9.1		204				985	<	1.5	
E230	Canada del Buey above SR-4	WT		UF	DUP	GU04080E23001	<	0.0472		6630	<	7.2		201							
E230	Canada del Buey above SR-4	WT		F	CS	GF04080E23002				61.1	<	1.6	<	3.6			<	0.48	<	0.33	<
E230	Canada del Buey above SR-4	WT		F	DUP	GF04080E23002				62.4	<	0.948	<	3.6			<	0.506	<	0.289	<
E230	Canada del Buey above SR-4	WT		UF	CS	GU04080E23002	<	0.14		4980	<	1.4		88.4				96.9	<	0.24	<
E230	Canada del Buey above SR-4	WT		UF	DUP	GU04080E23002	<	0.172		5200	<	1.17		91				93.8	<	0.238	<
E230	Canada del Buey above SR-4	WT		F	CS	GF04100E23001				21.8	<	0.948	<	3.6				0.72	<	0.39	<
E230	Canada del Buey above SR-4	WT		UF	CS	GU04100E23001		0.12		5710	<	2.5		95.8				48	<	0.2	<
E240	Pajarito below SR-501	WT		F	CS	GF04050E24001			<	0.304	<	0.948	<	3.6			<	0.05	<	0.2	<
E240	Pajarito below SR-501	WT		UF	CS	GU04050E24001	<	0.0472	<	0.304	<	0.948	<	3.6			<	0.05	<	0.2	<
E240	Pajarito below SR-501	WT		UF	DUP	GU04050E24001	<	0.047													
E240	Pajarito below SR-501	WT	EQB	F	CS	GF04080E24001			<	0.58	<	0.948	<	3.6			<	0.062	<	0.2	<
E240	Pajarito below SR-501	WT	EQB	UF	CS	GU04080E24001	<	0.0472	<	0.68	<	0.948	<	3.6			<	0.05	<	0.2	<
E241	Pajarito above Starmers	WT		F	CS	GF04100E24101				27.4	<	4		3.9				2.5	<	0.2	<
E241	Pajarito above Starmers	WT		F	DUP	GF04100E24101				30.2		1.77		3.76				2.35	<	0.2	<
E241	Pajarito above Starmers	WT		UF	CS	GU04100E24101		0.13		3360	<	0.948		24				76	<	0.42	<
E241	Pajarito above Starmers	WT		UF	DUP	GU04100E24101		0.0919		3300	<	0.948		22.4				76		0.552	<
E242	Starmers above Pajarito	WT		F	CS	GF04070E24201				12.1	<	1.86	<	3.6			<	0.473	<	0.395	<
E242	Starmers above Pajarito	WT		UF	CS	GU04070E24201	<	0.175		1840	<	3.25		34.5				65	<	0.56	<
E242	Starmers above Pajarito	WT		F	CS	GF04100E24201				13	<	2	<	3.6				1.1	<	0.2	<
E242	Starmers above Pajarito	WT		F	DUP	GF04100E24201				13.9	<	0.948	<	3.6				1.05	<	0.2	<
E242	Starmers above Pajarito	WT		UF	CS	GU04100E24201		0.2		1340	<	3.3		32.6				74.8	<	0.41	<
E242	Starmers above Pajarito	WT		UF	DUP	GU04100E24201		0.186		1370	<	0.948		38.2				74.5		0.339	<
E242.5	La Delfe above Pajarito	WT		F	CS	GF0407E242501				234	<	1.61	<	3.6			<	0.336	<	0.298	<
E242.5	La Delfe above Pajarito	WT		UF	CS	GU0407E242501	<	0.183		3150	<	0.948		13.2				64.7	<	0.321	<
E243	Pajarito above Twomile	WM		F	CS	GF04040M24301			<	4.04	<	1.02	<	3.6			<	0.412	<	0.2	<
E243	Pajarito above Twomile	WM		F	DUP	GF04040M24301			<	4.49	<	0.948	<	3.6			<	0.4	<	0.2	<
E243	Pajarito above Twomile	WM		UF	CS	GU04040M24301	<	0.047		15.1	<	0.948	<	3.6			<	0.766	<	0.2	<
E243	Pajarito above Twomile	WM		UF	DUP	GU04040M24301	<	0.047		16.1	<	0.948	<	3.6			<	0.775	<	0.2	<
E243.5	Twomile tributary at TA-3	WT		UF	CS	GU0402E243501	<	0.0472										7.88			
E243.5	Twomile tributary at TA-3	WT		UF	CS	GU0404E243503	<	0.0472		27.7	<	2.25	<	3.6				2.09		63	<
E243.5	Twomile tributary at TA-3	WT		UF	DUP	GU0404E243503				26.8		1.11	<	3.6				2.01		62.1	<
E243.5	Twomile tributary at TA-3	WT	EQB	UF	CS	GU0405E243501	<	0.0472	<	0.304	<	0.948	<	3.6			<	0.05	<	0.2	<
E243.5	Twomile tributary at TA-3	WT	EQB	UF	DUP	GU0405E243501	<	0.047													
E243.5	Twomile tributary at TA-3	WT		F	CS	GF0405E243501			<	0.304	<	0.948	<	3.6			<	0.05	<	0.2	<
E243.5	Twomile tributary at TA-3	WT		UF	CS	GU0406E243501	<	0.09		382	<	1.32		8.01				9.7		450	<
E243.5	Twomile tributary at TA-3	WT		F	CS	GF0406E243501				283	<	3.97		5.93				7.81		409	<
E243.5	Twomile tributary at TA-3	WT		F	CS	GF0407E243501				133	<	1.49	<	3.6			<	1.13		263	<

Table I-6. Watershed Storm Water Monitoring, 2004
Analytical Results for Metals

						Analyte	Hg		Mn		Mo		Ni		Ni		Pb		Sb		Se
						Anyl Meth Code	EPA:245.1		EPA:200.7		EPA:200.7		EPA:200.7		EPA:200.8		EPA:200.8		EPA:200.8		EPA:2
						Std Uom	ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L
							Sym	Result	Sym	Result	Sym	Result	Sym	Result	Sym	Result	Sym	Result	Sym	Result	Sym
Location Synonym	Location Name	Fld Matrix Code	Fld Qc Type Code	Fld Prep Code	Lab Sample Type Code	Sample Id															
E243.5	Twomile tributary at TA-3	WT		F	DUP	GF0407E243501				134	<	0.95	<	3.6			<	1.11		260	<
E243.5	Twomile tributary at TA-3	WT		UF	CS	GU0407E243501	<	0.047		107	<	2.93	<	3.98				11.8		201	<
E243.5	Twomile tributary at TA-3	WT		UF	DUP	GU0407E243501	<	0.047		104	<	0.95	<	3.6				11.9		199	<
E243.5	Twomile tributary at TA-3	WT	FD	UF	CS	GU0407E24350290	<	0.0472													
E243.5	Twomile tributary at TA-3	WT		UF	CS	GU0407E243502	<	0.0472													
E243.5	Twomile tributary at TA-3	WT		UF	DUP	GU0407E243502	<	0.047													
E243.5	Twomile tributary at TA-3	WT		F	CS	GF0407E243502				22.2	<	0.95	<	3.6			<	0.198		36	<
E243.5	Twomile tributary at TA-3	WT		UF	CS	GU0407E243503				95.1	<	0.95	<	3.6				22.2		53.9	<
E243.5	Twomile tributary at TA-3	WT		F	CS	GF0407E243503				27.7	<	3.2	<	3.6			<	0.45		49.6	<
E243.5	Twomile tributary at TA-3	WT		F	DUP	GF0407E243503				27.5	<	1.57	<	3.6			<	0.463		50.7	<
E243.5	Twomile tributary at TA-3	WT		UF	CS	GU0407E243505				35.1	<	3.6	<	3.6				3.9		83.1	<
E243.5	Twomile tributary at TA-3	WT		UF	DUP	GU0407E243505				33.9	<	1.66	<	3.6				4.02		81.7	<
E243.5	Twomile tributary at TA-3	WT	EQB	F	CS	GF0408E243501			<	0.304	<	0.948	<	3.6			<	0.05	<	0.2	<
E243.5	Twomile tributary at TA-3	WT	EQB	UF	CS	GU0408E243501	<	0.0472	<	0.304	<	0.948	<	3.6			<	0.05	<	0.2	<
E243.5	Twomile tributary at TA-3	WT		UF	CS	GU0409E243501	<	0.0472										9.5			
E243.5	Twomile tributary at TA-3	WT		UF	DUP	GU0409E243501	<	0.0472													
E243.5	Twomile tributary at TA-3	WT		UF	CS	GU0409E243502	<	0.0472										9.8			
E243.5	Twomile tributary at TA-3	WT		UF	DUP	GU0409E243502	<	0.0472													
E244	Twomile above Pajarito	WM		F	CS	GF04040M24401			<	2.48	<	1.65	<	3.6			<	0.305	<	0.2	<
E244	Twomile above Pajarito	WM		UF	CS	GU04040M24401	<	0.047	<	6.07	<	0.948	<	3.6			<	0.409	<	0.2	<
E244	Twomile above Pajarito	WT		F	CS	GF04070E24401				184	<	1.64	<	3.6				0.544	<	0.446	<
E244	Twomile above Pajarito	WT		UF	CS	GU04070E24401				9310	<	10.1		89.7				259	<	1.25	
E244	Twomile above Pajarito	WT		F	CS	GF04080E24401				9.1	<	2.1	<	3.6				0.64	<	0.31	<
E244	Twomile above Pajarito	WT		UF	CS	GU04080E24401		0.38		6510	<	4.4		51.2				154	<	0.85	<
E245	Pajarito above TA-18	WM		F	CS	GF04040M24501			<	9.08	<	0.967	<	3.6			<	0.293	<	0.2	<
E245	Pajarito above TA-18	WM		UF	CS	GU04040M24501	<	0.047		51.4	<	1.44	<	3.6				2.33	<	0.2	<
E245	Pajarito above TA-18	WT		F	CS	GF04070E24501				16.7	<	1.5	<	3.6			<	1.2		3.9	<
E245	Pajarito above TA-18	WT		F	DUP	GF04070E24501				16.6	<	1.41	<	3.6			<	1.14		3.59	<
E245	Pajarito above TA-18	WT		UF	CS	GU04070E24501	<	0.14		2220	<	3.1		40.1				104	<	3.1	<
E245	Pajarito above TA-18	WT		UF	DUP	GU04070E24501				2210	<	3.02		39.3							<
E245	Pajarito above TA-18	WT		F	CS	GF04100E24501				33	<	0.948	<	3.6				0.75	<	0.56	<
E245	Pajarito above TA-18	WT		UF	CS	GU04100E24501		0.13		1360	<	4.5		28.2				60.2	<	0.88	
E245	Pajarito above TA-18	WT		UF	DUP	GU04100E24501	<	0.112		1290		3.2		27.6				59.2		0.95	
E245.5	Pajarito above Threemile	WM		F	CS	GF0404M245501			<	5.5	<	0.948	<	3.6			<	0.322	<	0.2	<
E245.5	Pajarito above Threemile	WM		UF	CS	GU0404M245501	<	0.047		23.2	<	0.948	<	3.6			<	1.22	<	0.2	<
E245.5	Pajarito above Threemile	WT		F	CS	GF0407E245501				162	<	4	<	3.6			<	0.26	<	0.54	<
E245.5	Pajarito above Threemile	WT		UF	CS	GU0407E245501				7180	<	10.2		82.7				230	<	1.1	<
E245.5	Pajarito above Threemile	WT		F	CS	GF0408E245501				72.7	<	3.6	<	3.6				0.5	<	0.37	<
E245.5	Pajarito above Threemile	WT		UF	CS	GU0408E245501		0.25		4840	<	7		82.8				209	<	0.84	<
E245.5	Pajarito above Threemile	WT		UF	DUP	GU0408E245501		0.218		4780	<	6.49		77.1				199	<	0.782	<
E245.5	Pajarito above Threemile	WT		F	CS	GF0410E245501				10.4	<	2	<	3.6				0.88		0.33	<
E245.5	Pajarito above Threemile	WT		UF	CS	GU0410E245501		0.12		3160	<	1.8		29.9				81.2		0.22	<
E246	Threemile above Pajarito	WT		F	CS	GF04070E24601				419	<	2.3	<	3.6			<	0.76	<	0.4	<
E246	Threemile above Pajarito	WT		UF	CS	GU04070E24601				8000	<	5		74.5				240	<	1.2	<

Table I-6. Watershed Storm Water Monitoring, 2004
Analytical Results for Metals

						Analyte	Hg		Mn		Mo		Ni		Ni		Pb		Sb		Se
						Anyl Meth Code	EPA:245.1		EPA:200.7		EPA:200.7		EPA:200.7		EPA:200.8		EPA:200.8		EPA:200.8		EPA:2
						Std Uom	ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L
							Sym	Result	Sym	Result	Sym	Result	Sym	Result	Sym	Result	Sym	Result	Sym	Result	Sym
Location Synonym	Location Name	Fld Matrix Code	Fld Qc Type Code	Fld Prep Code	Lab Sample Type Code	Sample Id															
E246	Threemile above Pajarito	WT		F	CS	GF04080E24601				12.3	<	1.8	<	3.6				1.1	<	0.33	<
E246	Threemile above Pajarito	WT		F	DUP	GF04080E24601				12.3	<	0.948	<	3.6			<	1.1	<	0.274	
E246	Threemile above Pajarito	WT		UF	CS	GU04080E24601	<	0.12		2060	<	0.948		12.1				88.6	<	1.1	<
E246	Threemile above Pajarito	WT		UF	DUP	GU04080E24601	<	0.101													
E247	MDA G-1	WT		F	CS	GF04080E24701				10.4	<	2.5	<	3.6			<	0.43	<	0.28	<
E247	MDA G-1	WT		UF	CS	GU04080E24701	<	0.0472		3710	<	1.6		41.3				125	<	0.38	<
E247	MDA G-1	WT		F	CS	GF04100E24701				9.8	<	0.948	<	3.6			<	0.55	<	0.2	<
E247	MDA G-1	WT		UF	CS	GU04100E24701		0.16		2800	<	3		63.3				115	<	0.2	<
E247	MDA G-1	WT		UF	DUP	GU04100E24701		0.166		2860		2.04		64.1				110	<	0.2	
E247	MDA G-1	WT		F	CS	GF04100E24702				8.8	<	2.8	<	3.6				0.39	<	0.22	<
E247	MDA G-1	WT		F	DUP	GF04100E24702				8.3	<	0.948	<	3.6				0.371	<	0.2	<
E247	MDA G-1	WT		UF	CS	GU04100E24702	<	0.0472		753	<	0.948		21.5				52.6	<	0.38	<
E247	MDA G-1	WT		UF	DUP	GU04100E24702	<	0.0472		783		1.43		22.1				56.6		0.371	<
E248.5	MDA G-6U	WT		UF	CS	GU0404E248502		0.048		366	<	1.39		10.2				16.6		6.41	<
E248.5	MDA G-6U	WT		F	CS	GF0407E248501			<	3.43	<	1.73	<	3.6				0.171		9	<
E248.5	MDA G-6U	WT		UF	CS	GU0407E248501	<	0.047		166	<	1.86	<	3.6				6.11		8.24	<
E248.5	MDA G-6U	WT		F	CS	GF0409E248501				14.3		3.5	<	3.6				3.2	<	2.9	<
E248.5	MDA G-6U	WT		F	DUP	GF0409E248501				14.6		1.59	<	3.6				3.12		2.71	<
E248.5	MDA G-6U	WT		UF	CS	GU0409E248501		0.053		195		2.1		5.1				14.9	<	3.8	<
E248.5	MDA G-6U	WT		UF	DUP	GU0409E248501		0.0556		194		2.27		4.58				14.8		3.9	
E248.5	MDA G-6U	WT		F	CS	GF0410E248501				14.6	<	3.4	<	3.6				0.11		8.2	<
E249	MDA G-4	WT		F	CS	GF04080E24901				32.8	<	0.948	<	3.6			<	0.48	<	0.22	<
E249	MDA G-4	WT		UF	CS	GU04080E24901	<	0.055		549	<	0.948		8.6				37	<	0.37	<
E250	Pajarito above SR-4	WT		UF	CS	GU04040E25002	<	0.047										2.86			<
E250	Pajarito above SR-4	WT		F	CS	GF04040E25001				9.89	<	2.23	<	3.6				0.113	<	0.242	<
E250	Pajarito above SR-4	WT		UF	CS	GU04040E25001				139	<	1.79		5.08				6.93	<	0.301	<
E252.5	Water above S Site Canyon	WM		F	CS	GF04040M26001			<	0.612	<	1.03	<	3.6			<	0.092	<	0.2	<
E252.5	Water above S Site Canyon	WM		UF	CS	GU04040M26001	<	0.047	<	1.72	<	1.19	<	3.6			<	0.105	<	0.2	<
E252.5	Water above S Site Canyon	WT		F	CS	GF04080E26001				138	<	1	<	3.6			<	0.69	<	0.81	<
E252.5	Water above S Site Canyon	WT		UF	CS	GU04080E26001	<	0.11		6400	<	1.7		32.1				105	<	0.25	<
E252.8	S Site Canyon above Water	WT		F	CS	GF04080E26101				18.8	<	0.948	<	3.6			<	0.91	<	0.29	<
E252.8	S Site Canyon above Water	WT		UF	CS	GU04080E26101	<	0.18		17300	<	7.9		231				225	<	0.41	<
E252.8	S Site Canyon above Water	WT		UF	DUP	GU04080E26101	<	0.165													
E256	Canon de Valle below MDA P	WT		F	CS	GF04070E25601				11	<	2.6	<	3.6			<	0.37	<	0.63	<
E256	Canon de Valle below MDA P	WT		UF	CS	GU04070E25601		0.26		1900	<	3.7		46.8				163	<	2.4	<
E256	Canon de Valle below MDA P	WT		F	CS	GF04080E25601				20.3	<	2	<	3.6			<	0.38	<	0.54	<
E256	Canon de Valle below MDA P	WT		UF	CS	GU04080E25601	<	0.17		937	<	2.4		32.7				69.6	<	0.58	<
E256	Canon de Valle below MDA P	WT		F	CS	GF04080E25602				24.1	<	1.8	<	3.6			<	0.94	<	0.86	<
E256	Canon de Valle below MDA P	WT		UF	CS	GU04080E25602	<	0.059		3090	<	5.4		105				135	<	0.85	<
E257	Canon de Valle tributary at Burn Grounds	WT		F	CS	GF04040E25701				11.9	<	1.91	<	3.6				0.662	<	0.282	<
E257	Canon de Valle tributary at Burn Grounds	WT		UF	CS	GU04040E25701	<	0.0472		60.2	<	1.27		4.08				5.14	<	0.309	

Table I-6. Watershed Storm Water Monitoring, 2004
Analytical Results for Metals

						Analyte	Hg		Mn		Mo		Ni		Ni		Pb		Sb		Se
						Anyl Meth Code	EPA:245.1		EPA:200.7		EPA:200.7		EPA:200.7		EPA:200.8		EPA:200.8		EPA:200.8		EPA:2
						Std Uom	ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L
							Sym	Result	Sym	Result	Sym	Result	Sym	Result	Sym	Result	Sym	Result	Sym	Result	Sym
Location Synonym	Location Name	Fld Matrix Code	Fld Qc Type Code	Fld Prep Code	Lab Sample Type Code	Sample Id															
E257	Canon de Valle tributary at Burn Grounds	WT		F	CS	GF04070E25701				55.7	<	1.9	<	3.6				0.64	<	0.298	<
E257	Canon de Valle tributary at Burn Grounds	WT		UF	CS	GU04070E25701	<	0.0806		1840	<	2.13		36.2				83.6	<	0.893	<
E257	Canon de Valle tributary at Burn Grounds	WT		F	CS	GF04070E25702				14.8	<	2	<	3.6			<	0.4	<	0.23	<
E257	Canon de Valle tributary at Burn Grounds	WT		UF	CS	GU04070E25702	<	0.0472		1510	<	2		21.3				68.7	<	0.62	<
E257	Canon de Valle tributary at Burn Grounds	WT		F	CS	GF04080E25701				25.2	<	2.8	<	4.3				2.3	<	0.67	<
E257	Canon de Valle tributary at Burn Grounds	WT		UF	CS	GU04080E25701	<	0.054		67.3	<	4		5.4				5.3	<	0.72	<
E257	Canon de Valle tributary at Burn Grounds	WT		UF	CS	GU04080E25702	<	0.13													
E262	Canon de Valle above Water	WT		F	CS	GF04080E26201				41.1	<	1.9	<	3.6			<	0.6	<	0.6	<
E262	Canon de Valle above Water	WT		UF	CS	GU04080E26201	<	0.14		5110	<	1.7		31				92	<	0.2	<
E262.5	Water below MDA AB	WM		F	CS	GF0404M262501			<	2.27	<	2.1	<	3.6			<	0.098	<	0.2	<
E262.5	Water below MDA AB	WM		UF	CS	GU0404M262501	<	0.047	<	4.42	<	1.76	<	3.6			<	0.177	<	0.2	<
E262.5	Water below MDA AB	WT		F	CS	GF0408E262501				275	<	2.1	<	3.6			<	0.53	<	0.24	<
E262.5	Water below MDA AB	WT		UF	CS	GU0408E262501		0.22		3310	<	1.7		56.8				78.2	<	0.35	<
E262.5	Water below MDA AB	WT		F	CS	GF0410E262501				46.8	<	1.3	<	3.6				0.44	<	0.2	<
E262.5	Water below MDA AB	WT		UF	CS	GU0410E262501		0.17		3260	<	0.948		25.7				43.6	<	0.2	<
E263	Water at SR-4	WT		F	CS	GF04080E26301				11	<	1.4	<	3.6			<	0.49	<	0.33	<
E263	Water at SR-4	WT		UF	CS	GU04080E26301	<	0.062		13900	<	3.1		160				246	<	0.55	<
E263	Water at SR-4	WT		F	CS	GF04080E26302				17.1	<	1.7	<	3.6			<	1.1	<	0.38	<
E263	Water at SR-4	WT		F	DUP	GF04080E26302				17.3	<	1.21	<	3.6			<	1.02	<	0.339	<
E263	Water at SR-4	WT		UF	CS	GU04080E26302				11700	<	1.5		60.1				379	<	0.55	<
E263	Water at SR-4	WT		UF	DUP	GU04080E26302				12000	<	1.29		65				353	<	0.57	<
E265	Water below SR-4	WT		F	CS	GF04050E26501			<	0.304	<	0.948	<	3.6			<	0.05	<	0.2	<
E265	Water below SR-4	WT		UF	CS	GU04050E26501	<	0.0472	<	0.304	<	0.948	<	3.6			<	0.05	<	0.2	<
E265	Water below SR-4	WT	EQB	F	CS	GF04080E26501				13	<	0.948	<	3.6			<	0.45	<	0.2	<
E265	Water below SR-4	WT	EQB	UF	CS	GU04080E26501	<	0.0472	<	0.304	<	0.948	<	3.6			<	0.05	<	0.2	<
E265	Water below SR-4	WT	EQB	UF	DUP	GU04080E26501			<	0.304	<	0.948	<	3.6							<
E265	Water below SR-4	WT		F	CS	GF04080E26502				13.7	<	1.9	<	3.6			<	0.44	<	0.3	<
E265	Water below SR-4	WT		UF	CS	GU04080E26502		0.26		11300	<	4.9		167				282	<	0.43	<
E265	Water below SR-4	WT		F	CS	GF04080E26503				84.3	<	2.9	<	3.6			<	0.59	<	0.32	<
E265	Water below SR-4	WT		UF	CS	GU04080E26503		0.5		33200	<	0.948		200				405	<	0.52	<

						Anyl Meth Code	EPA:160.2		EPA:200.7		EPA:200.7		EPA:200.7		EPA:200.7		EPA:200.7		EPA:2
						Analyte	TSS		Ca		HARDNESS		K		Mg		Na		SiO2
						Std Uom	mg/L		mg/L		mg/L		mg/L		mg/L		mg/L		mg/L
							Sym	Result	Sym	Result	Sym	Result	Sym	Result	Sym	Result	Sym	Result	Sym
Location Synonym	Location Name	Fld Matrix Code	Fld Qc Type Code	Fld Prep Code	Lab Sample Type Code	Sample Id													
E026	Los Alamos below Ice Rink	WM		F	CS	GF04040M02601				17.5		63.1		3.83		4.74		12.4	
E026	Los Alamos below Ice Rink	WM		F	DUP	GF04040M02601				15.7				3.77		4.27		12.2	
E026	Los Alamos below Ice Rink	WM		UF	CS	GU04040M02601				16.1		58.5		3.98		4.44		12.2	
E026	Los Alamos below Ice Rink	WM		UF	DUP	GU04040M02601				16.5				4.06		4.51		12.5	
E026	Los Alamos below Ice Rink	WT	EQB	F	CS	GF04080E02601			<	0.00823	<	0.00823	<	0.0372	<	0.00332	<	0.02	
E026	Los Alamos below Ice Rink	WT	EQB	UF	CS	GU04080E02601			<	0.00823	<	0.00823	<	0.0372	<	0.00332	<	0.02	
E026	Los Alamos below Ice Rink	WT		F	CS	GF04050E02601			<	0.0221		0.0852	<	0.0372	<	0.0073	<	0.02	<
E026	Los Alamos below Ice Rink	WT		F	DUP	GF04050E02601			<	0.0184			<	0.0372	<	0.00638	<	0.023	<
E026	Los Alamos below Ice Rink	WT		UF	CS	GU04050E02601			<	0.0136		0.0487	<	0.0372	<	0.0036	<	0.02	<
E026	Los Alamos below Ice Rink	WT		UF	DUP	GU04050E02601			<	0.0254			<	0.0372	<	0.0142	<	0.0595	<
E030	Los Alamos above DP Canyon	WT		F	CS	GF04070E03001				9.52		31.5		4.19		1.87		20.2	
E030	Los Alamos above DP Canyon	WT		F	CS	GF04080E03001				9.32		29.3		3.61		1.48		16.9	
E030	Los Alamos above DP Canyon	WT		F	CS	GF04080E03002				9.58		32.3		3.61		2.04		3.02	
E030	Los Alamos above DP Canyon	WT		F	CS	GF04090E03001				6.24		19.7		3.24		1		10.5	
E030	Los Alamos above DP Canyon	WT		UF	CS	GU04040E03002				33.4		128		12.1		11		76.6	
E030	Los Alamos above DP Canyon	WT		UF	CS	GU04070E03001				63		262		23.9		25.4		25.2	
E030	Los Alamos above DP Canyon	WT		UF	CS	GU04070E03002													
E030	Los Alamos above DP Canyon	WT		UF	CS	GU04080E03001				64		228		16.2		16.5		19.9	
E030	Los Alamos above DP Canyon	WT		UF	CS	GU04080E03002				132		417		16.3		22.8		5.05	
E030	Los Alamos above DP Canyon	WT		UF	CS	GU04090E03001													
E038	DP above TA-21	WT	FD	F	CS	GF04070E03890				8.06		22.7		2.76		0.62		10.4	
E038	DP above TA-21	WT	FD	UF	CS	GU04070E03890				29.8		107		10.7		7.85		7.77	
E038	DP above TA-21	WT		F	CS	GF04060E03801				27.7		89.1		9.42		4.82		13.1	
E038	DP above TA-21	WT		F	CS	GF04070E03801				7.87		22.2		2.72		0.628		10.1	
E038	DP above TA-21	WT		F	CS	GF04070E03802				7.05		19.7		1.79		0.505		4.28	
E038	DP above TA-21	WT		F	CS	GF04070E03803				7.64		21.1		1.78		0.483		4.86	
E038	DP above TA-21	WT		F	DUP	GF04060E03801				27.6				9.14		4.61		13.1	

Table I-7. Watershed Storm Water Monitoring, 2004
Analytical Results for General Inorganics

						Anyl Meth Code	EPA:160.2		EPA:200.7		EPA:200.7		EPA:200.7		EPA:200.7		EPA:200.7		EPA:2
						Analyte	TSS		Ca		HARDNESS		K		Mg		Na		SiO2
						Std Uom	mg/L		mg/L		mg/L		mg/L		mg/L		mg/L		mg/L
							Sym	Result	Sym	Result	Sym	Result	Sym	Result	Sym	Result	Sym	Result	Sym
Location Synonym	Location Name	Fld Matrix Code	Fld Qc Type Code	Fld Prep Code	Lab Sample Type Code	Sample Id													
E038	DP above TA-21	WT		F	DUP	GF04070E03803				7.64				1.78		0.487		4.88	
E038	DP above TA-21	WT		UF	CS	GU04060E03801				44.3		144		13		8.2		17.6	
E038	DP above TA-21	WT		UF	CS	GU04070E03801				31.1		111		11		8.13		7.83	
E038	DP above TA-21	WT		UF	CS	GU04070E03803				23		80.8		9.9		5.65		7.99	
E038	DP above TA-21	WT		UF	CS	GU04070E03804				15.3		52.2		6.12		3.41		7.25	
E038	DP above TA-21	WT		UF	DUP	GU04060E03801													
E038	DP above TA-21	WT		UF	DUP	GU04070E03804				15.3				5.59		3.21		6.97	
E039	DP below Meadow at TA-21	WT	EQB	F	CS	GF04070E03904			<	0.00823	<	0.00823	<	0.0372	<	0.00332	<	0.02	
E039	DP below Meadow at TA-21	WT	EQB	F	DUP	GF04070E03904			<	0.00823			<	0.0372	<	0.00332	<	0.02	
E039	DP below Meadow at TA-21	WT	EQB	UF	CS	GU04070E03904			<	0.00823	<	0.00823	<	0.0372	<	0.00332	<	0.02	
E039	DP below Meadow at TA-21	WT		F	CS	GF04050E03901			<	0.012		0.03	<	0.0372	<	0.00332	<	0.0217	<
E039	DP below Meadow at TA-21	WT		F	CS	GF04070E03901				9.03		25.9		3.02		0.804		8.89	
E039	DP below Meadow at TA-21	WT		F	CS	GF04070E03902				8.38		23.8		2.61		0.701		9.62	
E039	DP below Meadow at TA-21	WT		F	CS	GF04070E03903				7.29		20.6		2.19		0.597		6.76	
E039	DP below Meadow at TA-21	WT		UF	CS	GU04050E03901			<	0.01		0.025	<	0.0372	<	0.00332	<	0.02	
E039	DP below Meadow at TA-21	WT		UF	CS	GU04070E03901				23.2		89.6		11.5		7.71		11.1	
E039	DP below Meadow at TA-21	WT		UF	CS	GU04070E03902				19.2		74.3		10.5		6.41		9.11	
E039	DP below Meadow at TA-21	WT		UF	CS	GU04070E03903				14.9		55.3		7.33		4.43		8.77	
E039	DP below Meadow at TA-21	WT		UF	DUP	GU04070E03901													
E040	DP above Los Alamos Canyon	WT		F	CS	GF04070E04001				11.2		31.7		4.42		0.911		14.9	
E040	DP above Los Alamos Canyon	WT		F	CS	GF04070E04002				9.6		27.7		3.76		0.907		17	
E040	DP above Los Alamos Canyon	WT		F	CS	GF04080E04001				17.1		48.6		5.42		1.46		27.4	
E040	DP above Los Alamos Canyon	WT		F	CS	GF04080E04002				11.5		32.9		4.59		0.993		19.9	
E040	DP above Los Alamos Canyon	WT		F	DUP	GF04070E04001				11.1				4.44		0.927		14.9	
E040	DP above Los Alamos Canyon	WT		F	DUP	GF04080E04001				16.6				5.21		1.43		26.5	
E040	DP above Los Alamos Canyon	WT		UF	CS	GU04070E04001				77.2		274		27.3		19.7		34.9	
E040	DP above Los Alamos Canyon	WT		UF	CS	GU04070E04002				25.5		95.6		12.2		7.77		22.1	
E040	DP above Los Alamos Canyon	WT		UF	CS	GU04080E04001				36.9		142		16.1		12.2		24.4	

						Anyl Meth Code	EPA:160.2		EPA:200.7		EPA:200.7		EPA:200.7		EPA:200.7		EPA:200.7		EPA:2
						Analyte	TSS		Ca		HARDNESS		K		Mg		Na		SiO2
						Std Uom	mg/L		mg/L		mg/L		mg/L		mg/L		mg/L		mg/L
							Sym	Result	Sym	Result	Sym	Result	Sym	Result	Sym	Result	Sym	Result	Sym
Location Synonym	**Location Name**	**Fld Matrix Code**	**Fld Qc Type Code**	**Fld Prep Code**	**Lab Sample Type Code**	**Sample Id**													
E040	DP above Los Alamos Canyon	WT		UF	CS	GU04080E04002				42.1		169		19.9		15.6		31.8	
E040	DP above Los Alamos Canyon	WT		UF	DUP	GU04070E04001				76.8				27.1		18.6		35.4	
E040	DP above Los Alamos Canyon	WT		UF	DUP	GU04080E04002				40.9				18.6		14.5		30.7	
E042	Los Alamos above SR-4	WT		F	CS	GF04070E04201				18		58.1		8.36		3.18		25.5	
E042	Los Alamos above SR-4	WT		F	CS	GF04080E04201				11.6		35		3.52		1.47		11.4	
E042	Los Alamos above SR-4	WT		F	CS	GF04100E04201				8.61		25.6		3.33		1.01		7.5	
E042	Los Alamos above SR-4	WT		F	CS	GF04100E04202				8.1		24.8		3.69		1.12		12	
E042	Los Alamos above SR-4	WT		UF	CS	GU04040E04202				37.9		154		16		14.3		57.6	
E042	Los Alamos above SR-4	WT		UF	CS	GU04070E04201				36.1		128		14.4		9.28		16.9	
E042	Los Alamos above SR-4	WT		UF	CS	GU04080E04201				78.5		303		24		26		21	
E042	Los Alamos above SR-4	WT		UF	CS	GU04100E04201				41.2		189		21.7		20.9		17.8	
E042	Los Alamos above SR-4	WT		UF	CS	GU04100E04202													
E042	Los Alamos above SR-4	WT		UF	DUP	GU04070E04201				36.1				14.4		9.08		17	
E042	Los Alamos above SR-4	WT		UF	DUP	GU04080E04201				77.2				23.8		26.2		20.4	
E042	Los Alamos above SR-4	WT		UF	DUP	GU04100E04201													
E050	Los Alamos below LA Weir	WM		F	CS	GF04040M05001				25		86.9		4.56		5.92		39	
E050	Los Alamos below LA Weir	WM		UF	CS	GU04040M05001		58.7		26.5		92.2		4.97		6.33		40.5	
E050	Los Alamos below LA Weir	WM		UF	DUP	GU04040M05001		58.7											
E055	Pueblo above Acid	WT		F	CS	GF04070E05501				15.3		46.6		4.91		2.01		12.9	
E055	Pueblo above Acid	WT		F	CS	GF04080E05501				7.55		22.3		2.61		0.828		7.21	
E055	Pueblo above Acid	WT		F	CS	GF04080E05502				20.1		61.8		3.99		2.81		26.2	
E055	Pueblo above Acid	WT		F	CS	GF04090E05501				8.21		24.5		2.87		0.965		8.5	
E055	Pueblo above Acid	WT		F	DUP	GF04070E05501				15.1				4.86		1.99		12.8	
E055	Pueblo above Acid	WT		F	DUP	GF04090E05501				8.2				2.9		0.963		8.57	
E055	Pueblo above Acid	WT		UF	CS	GU04070E05501				95.3		329		24.1		22		14.4	
E055	Pueblo above Acid	WT		UF	CS	GU04080E05501				46.9		149		11.7		7.79		11.2	
E055	Pueblo above Acid	WT		UF	CS	GU04080E05502				35.9		149		14.4		14.4		27.3	
E055	Pueblo above Acid	WT		UF	CS	GU04090E05501				49		204		19.5		19.9		15.9	
E055	Pueblo above Acid	WT		UF	DUP	GU04070E05501				93.6				23.2		20.9		14.1	
E055	Pueblo above Acid	WT		UF	DUP	GU04090E05501				50				19.5		19.7		16.7	
E0555	South Fork of Acid Canyon	WT		F	CS	GF0409E055501				3.95		11.8		1.66		0.474		3.61	
E0555	South Fork of Acid Canyon	WT		F	DUP	GF0409E055501				3.94				1.68		0.502		3.63	
E0555	South Fork of Acid Canyon	WT		UF	CS	GU0409E055501				13.7		58.3		7.81		5.84		4.52	
E0555	South Fork of Acid Canyon	WT		UF	DUP	GU0409E055501				13.4				7.54		5.43		4.37	

Table I-7. Watershed Storm Water Monitoring, 2004
Analytical Results for General Inorganics

						Anyl Meth Code	EPA:160.2		EPA:200.7		EPA:200.7		EPA:200.7		EPA:200.7		EPA:200.7		EPA:2
						Analyte	TSS		Ca		HARDNESS		K		Mg		Na		SiO2
						Std Uom	mg/L		mg/L		mg/L		mg/L		mg/L		mg/L		mg/L
							Sym	Result	Sym	Result	Sym	Result	Sym	Result	Sym	Result	Sym	Result	Sym
Location Synonym	Location Name	Fld Matrix Code	Fld Qc Type Code	Fld Prep Code	Lab Sample Type Code	Sample Id													
E060	Pueblo above SR-502	WT	EQB	F	CS	GF04080E06001			<	0.00823	<	0.00823	<	0.0372	<	0.00332	<	0.02	
E060	Pueblo above SR-502	WT	EQB	F	DUP	GF04080E06001			<	0.00823			<	0.0372	<	0.00332	<	0.02	
E060	Pueblo above SR-502	WT	EQB	UF	CS	GU04080E06001			<	0.00823	<	0.00823	<	0.0372	<	0.00332	<	0.02	
E060	Pueblo above SR-502	WT	EQB	UF	DUP	GU04080E06001			<	0.00823			<	0.0372	<	0.00332	<	0.02	
E060	Pueblo above SR-502	WT		F	CS	GF04050E06001			<	0.0145		0.0769	<	0.0372	<	0.0099	<	0.0277	<
E060	Pueblo above SR-502	WT		F	CS	GF04070E06001				37.6		130		48.2		8.71		66	
E060	Pueblo above SR-502	WT		F	CS	GF04070E06002				18.8		60.8		11.1		3.34		24.7	
E060	Pueblo above SR-502	WT		F	CS	GF04080E06002				20.7		70.5		21.4		4.55		48.2	
E060	Pueblo above SR-502	WT		F	DUP	GF04050E06001			<	0.0139			<	0.0372	<	0.00786	<	0.0288	<
E060	Pueblo above SR-502	WT		F	DUP	GF04070E06001				36.8				47.6		8.59		64.2	
E060	Pueblo above SR-502	WT		UF	CS	GU04050E06001			<	0.0111		0.0679	<	0.0372	<	0.0098	<	0.02	<
E060	Pueblo above SR-502	WT		UF	CS	GU04070E06001				37.6		138		38.4		10.6		62.2	
E060	Pueblo above SR-502	WT		UF	CS	GU04070E06002				31.6		145		25.7		16		24.4	
E060	Pueblo above SR-502	WT		UF	CS	GU04080E06002				29.4		112		30.7		9.4		56.2	
E060	Pueblo above SR-502	WT		UF	DUP	GU04050E06001			<	0.0116			<	0.0372	<	0.00493	<	0.02	<
E060	Pueblo above SR-502	WT		UF	DUP	GU04070E06001													
E121	Sandia right fork at Power Plant	WT		F	CS	GF04070E12101				5.03		16.4		2.74		0.929		11.3	
E121	Sandia right fork at Power Plant	WT		F	CS	GF04080E12101				4.59		14.3		2.67		0.701		9.11	
E121	Sandia right fork at Power Plant	WT		F	CS	GF04080E12102				4.2		13.2		2.16		0.651		7.45	
E121	Sandia right fork at Power Plant	WT		F	CS	GF04090E12101				6.7		27.6		3.97		2.64		2.52	
E121	Sandia right fork at Power Plant	WT		F	DUP	GF04080E12101				4.59				2.65		0.69		9.08	
E121	Sandia right fork at Power Plant	WT		F	DUP	GF04080E12102				4.15				2.17		0.663		7.29	
E121	Sandia right fork at Power Plant	WT		F	DUP	GF04090E12101				6.63				4.01		2.64		2.55	
E121	Sandia right fork at Power Plant	WT		UF	CS	GU04020E12101													
E121	Sandia right fork at Power Plant	WT		UF	CS	GU04070E12101				8.19		34.7		5.75		3.46		12.5	
E121	Sandia right fork at Power Plant	WT		UF	CS	GU04080E12101				9.34		36.7		5.31		3.24		9.53	

						Anyl Meth Code	EPA:160.2		EPA:200.7		EPA:200.7		EPA:200.7		EPA:200.7		EPA:200.7		EPA:2
						Analyte	TSS		Ca		HARDNESS		K		Mg		Na		SiO2
						Std Uom	mg/L		mg/L		mg/L		mg/L		mg/L		mg/L		mg/L
							Sym	Result	Sym	Result	Sym	Result	Sym	Result	Sym	Result	Sym	Result	Sym
Location Synonym	**Location Name**	**Fld Matrix Code**	**Fld Qc Type Code**	**Fld Prep Code**	**Lab Sample Type Code**	**Sample Id**													
E121	Sandia right fork at Power Plant	WT		UF	CS	GU04080E12102				9.37		35.3		5.72		2.9		22.2	
E121	Sandia right fork at Power Plant	WT		UF	CS	GU04090E12101				8.65		42		6.32		4.96		3.85	
E121	Sandia right fork at Power Plant	WT		UF	DUP	GU04080E12101				8.97				4.88		2.92		9.17	
E121	Sandia right fork at Power Plant	WT		UF	DUP	GU04080E12102				9.58				5.84		3		22.7	
E121	Sandia right fork at Power Plant	WT		UF	DUP	GU04090E12101				8.59				6.24		4.93		3.78	
E122	Sandia left fork at Asphalt Plant	WT		F	CS	GF04040E12201				5.92		17		4.48		0.547		29.6	
E122	Sandia left fork at Asphalt Plant	WT		F	CS	GF04070E12201				6.06		17.1		1.67		0.469		5.44	
E122	Sandia left fork at Asphalt Plant	WT		F	CS	GF04080E12201				7.37		21		2.69		0.639		9.85	
E122	Sandia left fork at Asphalt Plant	WT		F	CS	GF04080E12202				16.4		50		3.18		2.19		4.92	
E122	Sandia left fork at Asphalt Plant	WT		F	DUP	GF04040E12201				5.73				4.38		1.081		28.9	
E122	Sandia left fork at Asphalt Plant	WT		UF	CS	GU04020E12201													
E122	Sandia left fork at Asphalt Plant	WT		UF	CS	GU04040E12201													
E122	Sandia left fork at Asphalt Plant	WT		UF	CS	GU04040E12202				8.48		25.1		4.98		0.942		30.9	
E122	Sandia left fork at Asphalt Plant	WT		UF	CS	GU04070E12201				14.8		64.8		8.06		6.76		6.86	
E122	Sandia left fork at Asphalt Plant	WT		UF	CS	GU04080E12201				9.9		35.9		4.55		2.72		4.74	
E122	Sandia left fork at Asphalt Plant	WT		UF	CS	GU04080E12202				7.03		25.3		4.87		1.87		1250	
E122	Sandia left fork at Asphalt Plant	WT		UF	CS	GU04090E12201													
E123	Sandia below Wetlands	WT		F	CS	GF04070E12301				24.3		89.9		15.4		7.13		86.7	
E123	Sandia below Wetlands	WT		F	CS	GF04070E12302				12.7		44.3		10.9		3.06		38.4	
E123	Sandia below Wetlands	WT		F	CS	GF04070E12303				20.9		75.9		14.1		5.73		71.9	

Table I-7. Watershed Storm Water Monitoring, 2004
Analytical Results for General Inorganics

						Anyl Meth Code	EPA:160.2		EPA:200.7		EPA:200.7		EPA:200.7		EPA:200.7		EPA:200.7		EPA:2
						Analyte	TSS		Ca		HARDNESS		K		Mg		Na		SiO2
						Std Uom	mg/L		mg/L		mg/L		mg/L		mg/L		mg/L		mg/L
							Sym	Result	Sym	Result	Sym	Result	Sym	Result	Sym	Result	Sym	Result	Sym
Location Synonym	Location Name	Fld Matrix Code	Fld Qc Type Code	Fld Prep Code	Lab Sample Type Code	Sample Id													
E123	Sandia below Wetlands	WT		F	CS	GF04080E12301				16.2		59		12.9		4.48		58.4	
E123	Sandia below Wetlands	WT		F	DUP	GF04070E12301				23.7				15.1		6.99		85	
E123	Sandia below Wetlands	WT		UF	CS	GU04070E12301				37.6		142		19.2		11.7		90.5	
E123	Sandia below Wetlands	WT		UF	CS	GU04070E12302				21.5		95.8		14.7		10.2		21.1	
E123	Sandia below Wetlands	WT		UF	CS	GU04070E12303				25.2		97.2		16.6		8.3		72.1	
E123	Sandia below Wetlands	WT		UF	CS	GU04080E12301				27.4		113		19.5		10.9		73.8	
E123	Sandia below Wetlands	WT		UF	DUP	GU04070E12301				36.9				18.8		11.4		88.5	
E124	Sandia above Firing Range	WT		F	CS	GF04080E12401				14.7		52		12.8		3.71		59.9	
E124	Sandia above Firing Range	WT		F	CS	GF04080E12402				9.03		30.2		5.3		1.86		18.7	
E124	Sandia above Firing Range	WT		F	CS	GF04100E12401				21.5		77.5		13.6		5.81		114	
E124	Sandia above Firing Range	WT		F	DUP	GF04100E12401				21.1				13.5		5.68		112	
E124	Sandia above Firing Range	WT		UF	CS	GU04080E12402				24.8		104		19.5		10.2		57.1	
E124	Sandia above Firing Range	WT		UF	CS	GU04080E12403				24.6		106		14		10.7		16.7	
E124	Sandia above Firing Range	WT		UF	CS	GU04100E12401				22.3		83.3		14.8		6.7		112	
E200	Mortandad below Effluent Canyon	WT		F	CS	GF04070E20001				6.32		20.7		4.3		1.2		13.1	
E200	Mortandad below Effluent Canyon	WT		F	CS	GF04080E20001				5.87		18.1		3.07		0.832		10.3	
E200	Mortandad below Effluent Canyon	WT		F	CS	GF04080E20002				4.19		13.4		2.76		0.718		6.86	
E200	Mortandad below Effluent Canyon	WT		F	CS	GF04080E20003				5.9		19.6		4.3		1.18		10.2	
E200	Mortandad below Effluent Canyon	WT		F	DUP	GF04080E20002				4.17				2.72		0.691		6.81	
E200	Mortandad below Effluent Canyon	WT		UF	CS	GU04070E20001				8.26		32		6.79		2.76		13.9	
E200	Mortandad below Effluent Canyon	WT		UF	CS	GU04080E20001				13.8		57.7		9.75		5.63		12.2	
E200	Mortandad below Effluent Canyon	WT		UF	CS	GU04080E20002				17.2		72.4		11.4		7.14		12.1	
E200	Mortandad below Effluent Canyon	WT		UF	CS	GU04080E20003				10.6		41.1		7.99		3.53		16.8	
E200	Mortandad below Effluent Canyon	WT		UF	DUP	GU04070E20001													
E200	Mortandad below Effluent Canyon	WT		UF	DUP	GU04080E20001													

						Anyl Meth Code	EPA:160.2		EPA:200.7		EPA:200.7		EPA:200.7		EPA:200.7		EPA:200.7		EPA:2
						Analyte	TSS		Ca		HARDNESS		K		Mg		Na		SiO2
						Std Uom	mg/L		mg/L		mg/L		mg/L		mg/L		mg/L		mg/L
							Sym	Result	Sym	Result	Sym	Result	Sym	Result	Sym	Result	Sym	Result	Sym
Location Synonym	**Location Name**	**Fld Matrix Code**	**Fld Qc Type Code**	**Fld Prep Code**	**Lab Sample Type Code**	**Sample Id**													
E200	Mortandad below Effluent Canyon	WT		UF	DUP	GU04080E20003													
E201.3	Ten Site below MDA C	WT		F	CS	GF0404E201301				3.97		11.7		3.83		0.435		4.19	
E201.3	Ten Site below MDA C	WT		F	CS	GF0407E201301				2.7		8.75		2.98		0.486		1.4	
E201.3	Ten Site below MDA C	WT		F	CS	GF0410E201301				7.93		23		3.38		0.773		2.15	
E201.3	Ten Site below MDA C	WT		F	DUP	GF0404E201301				3.8				3.68		0.421		4.01	
E201.3	Ten Site below MDA C	WT		F	DUP	GF0410E201301				7.83				3.36		0.744		2.14	
E201.3	Ten Site below MDA C	WT		UF	CS	GU0404E201302				6.55		20.2		8.51		0.935		9.4	
E201.3	Ten Site below MDA C	WT		UF	CS	GU0404E201303													
E201.3	Ten Site below MDA C	WT		UF	CS	GU0407E201301				20.5		91.8		15.3		9.85		3.64	
E201.3	Ten Site below MDA C	WT		UF	CS	GU0410E201301				8.07		23.5		3.48		0.824		2.12	
E201.3	Ten Site below MDA C	WT		UF	DUP	GU0404E201303													
E201.3	Ten Site below MDA C	WT		UF	DUP	GU0410E201301				8.17				3.64		0.929		2.15	
E201.5	Ten Site above Mortandad	WT		F	CS	GF0408E201501				3.3		11.9		4.64		0.884		1.04	
E201.5	Ten Site above Mortandad	WT		F	DUP	GF0408E201501				3.33				4.7		0.897		1.05	
E201.5	Ten Site above Mortandad	WT		UF	CS	GU0408E201501				10.4		43.9		9.43		4.39		2.15	
E201.5	Ten Site above Mortandad	WT		UF	DUP	GU0408E201501													
E218	Canada del Buey near TA-46	WT		F	CS	GF04080E21801				3.37		12.1		2.88		0.887		1.19	
E218	Canada del Buey near TA-46	WT		F	CS	GF04100E21801				12.2		49.9		2.4		4.71		13.2	
E218	Canada del Buey near TA-46	WT		F	CS	GF04100E21802				5.74		23.3		4.26		2.17		8.39	
E218	Canada del Buey near TA-46	WT		F	DUP	GF04100E21801				11.9				2.37		4.6		12.9	
E218	Canada del Buey near TA-46	WT		F	DUP	GF04100E21802				5.96				4.38		2.26		8.55	
E218	Canada del Buey near TA-46	WT		UF	CS	GU04080E21801				19.2		107		19.7		14.3		3.7	
E218	Canada del Buey near TA-46	WT		UF	CS	GU04090E21801													
E218	Canada del Buey near TA-46	WT		UF	CS	GU04100E21801				11.8		48.3		2.5		4.55		12.4	
E218	Canada del Buey near TA-46	WT		UF	CS	GU04100E21802				6.93		30.3		6.04		3.16		7.46	
E218	Canada del Buey near TA-46	WT		UF	DUP	GU04080E21801													

						Anyl Meth Code	EPA:160.2		EPA:200.7		EPA:200.7		EPA:200.7		EPA:200.7		EPA:200.7		EPA:2
						Analyte	TSS		Ca		HARDNESS		K		Mg		Na		SiO2
						Std Uom	mg/L		mg/L		mg/L		mg/L		mg/L		mg/L		mg/L
							Sym	Result	Sym	Result	Sym	Result	Sym	Result	Sym	Result	Sym	Result	Sym
Location Synonym	**Location Name**	**Fld Matrix Code**	**Fld Qc Type Code**	**Fld Prep Code**	**Lab Sample Type Code**	**Sample Id**													
E227	MDA G-13	WT		F	CS	GF04080E22701				11.7		44.4		4.49		3.67		2.4	
E227	MDA G-13	WT		F	DUP	GF04080E22701				11.6				4.42		3.61		2.36	
E227	MDA G-13	WT		UF	CS	GU04080E22701				40.9		216		20.5		27.8		7.91	
E227	MDA G-13	WT		UF	DUP	GU04080E22701				43.2				20.7		28.5		8.23	
E227	MDA G-13	WT				FN04080E22701													
E230	Canada del Buey above SR-4	WT		F	CS	GF04080E23001				13.6		39.2		3.23		1.26		1.09	
E230	Canada del Buey above SR-4	WT		F	CS	GF04080E23002				17.3		50.1		3.72		1.7		1.13	
E230	Canada del Buey above SR-4	WT		F	CS	GF04100E23001				10.3		29.5		3.7		0.945		0.912	
E230	Canada del Buey above SR-4	WT		F	DUP	GF04080E23001				14.2				3.35		1.33		1.12	
E230	Canada del Buey above SR-4	WT		F	DUP	GF04080E23002				18				3.93		1.75		1.18	
E230	Canada del Buey above SR-4	WT		UF	CS	GU04080E23001				98.9		597		80.5		84.9		4.85	
E230	Canada del Buey above SR-4	WT		UF	CS	GU04080E23002				112		371		18.9		22.2		1.53	
E230	Canada del Buey above SR-4	WT		UF	CS	GU04100E23001				114		389		23.1		25.3		2.52	
E230	Canada del Buey above SR-4	WT		UF	DUP	GU04080E23001				100				77.3		83.4		4.82	
E230	Canada del Buey above SR-4	WT		UF	DUP	GU04080E23002				113				19		22.9		1.54	
E240	Pajarito below SR-501	WT	EQB	F	CS	GF04080E24001			<	0.0187	<	0.0466	<	0.0372	<	0.00332	<	0.0389	
E240	Pajarito below SR-501	WT	EQB	UF	CS	GU04080E24001			<	0.0204	<	0.0509	<	0.0372	<	0.00332	<	0.0269	
E240	Pajarito below SR-501	WT		F	CS	GF04050E24001			<	0.018		0.0941	<	0.0372	<	0.012	<	0.02	<
E240	Pajarito below SR-501	WT		UF	CS	GU04050E24001			<	0.0095		0.0434	<	0.0372	<	0.0048	<	0.02	<
E241	Pajarito above Starmers	WT		F	CS	GF04100E24101				9.66		34.1		4.23		2.43		11.2	
E241	Pajarito above Starmers	WT		F	DUP	GF04100E24101				9.98				4.45		2.61		11.7	
E241	Pajarito above Starmers	WT		UF	CS	GU04100E24101				64.6		204		8.5		10.3		12.2	
E241	Pajarito above Starmers	WT		UF	DUP	GU04100E24101				63.4				8.4		10.3		11.9	
E242	Starmers above Pajarito	WT		F	CS	GF04070E24201				4.61		16.3		2.54		1.17		7.23	
E242	Starmers above Pajarito	WT		F	CS	GF04100E24201				4.59		17.2		2.91		1.39		7.75	
E242	Starmers above Pajarito	WT		F	DUP	GF04100E24201				4.73				3.06		1.47		7.99	
E242	Starmers above Pajarito	WT		UF	CS	GU04070E24201				19.5		101		13.6		12.6		7.97	

						Anyl Meth Code	EPA:160.2		EPA:200.7		EPA:200.7		EPA:200.7		EPA:200.7		EPA:200.7		EPA:2
						Analyte	TSS		Ca		HARDNESS		K		Mg		Na		SiO2
						Std Uom	mg/L		mg/L		mg/L		mg/L		mg/L		mg/L		mg/L
							Sym	Result	Sym	Result	Sym	Result	Sym	Result	Sym	Result	Sym	Result	Sym
Location Synonym	Location Name	Fld Matrix Code	Fld Qc Type Code	Fld Prep Code	Lab Sample Type Code	Sample Id													
E242	Starmers above Pajarito	WT		UF	CS	GU04100E24201				17.4		92.9		11.5		12		8.72	
E242	Starmers above Pajarito	WT		UF	DUP	GU04100E24201				17.2				12.4		13.3		8.48	
E242.5	La Delfe above Pajarito	WT		F	CS	GF0407E242501				5.88		20.6		4.35		1.45		6.62	
E242.5	La Delfe above Pajarito	WT		UF	CS	GU0407E242501				26.4		87.1		9.52		5.17		6.4	
E243	Pajarito above Twomile	WM		F	CS	GF04040M24301				14.1		52.3		3.11		4.13		13.8	
E243	Pajarito above Twomile	WM		F	DUP	GF04040M24301				13.1				2.94		3.85		13	
E243	Pajarito above Twomile	WM		UF	CS	GU04040M24301				14.2		52.9		3.22		4.27		13.7	
E243	Pajarito above Twomile	WM		UF	DUP	GU04040M24301		34.6		14.2				3.35		4.31		14	
E243.5	Twomile tributary at TA-3	WT	EQB	F	CS	GF0408E243501			<	0.0088	<	0.0219	<	0.0372	<	0.00332	<	0.029	
E243.5	Twomile tributary at TA-3	WT	EQB	UF	CS	GU0405E243501			<	0.0088		0.038	<	0.0372	<	0.0039	<	0.02	<
E243.5	Twomile tributary at TA-3	WT	EQB	UF	CS	GU0408E243501			<	0.0137	<	0.0341	<	0.0372	<	0.00332	<	0.0328	
E243.5	Twomile tributary at TA-3	WT	EQB	UF	DUP	GU0408E243501													
E243.5	Twomile tributary at TA-3	WT		F	CS	GF0405E243501			<	0.0125		0.0419	<	0.0372	<	0.00332	<	0.0222	<
E243.5	Twomile tributary at TA-3	WT		F	CS	GF0406E243501				20.2		55.8		3.19		1.3		7.47	
E243.5	Twomile tributary at TA-3	WT		F	CS	GF0407E243501				8.88		24.9		1.31		0.665		3.53	
E243.5	Twomile tributary at TA-3	WT		F	CS	GF0407E243502				2.12		5.83		0.524		0.133		0.656	
E243.5	Twomile tributary at TA-3	WT		F	CS	GF0407E243503				2.46		6.83		0.597		0.165		1.32	
E243.5	Twomile tributary at TA-3	WT		F	DUP	GF0407E243501				8.99				1.33		0.664		3.59	
E243.5	Twomile tributary at TA-3	WT		F	DUP	GF0407E243503				2.47				0.597		0.169		1.31	
E243.5	Twomile tributary at TA-3	WT		UF	CS	GU0402E243501													
E243.5	Twomile tributary at TA-3	WT		UF	CS	GU0404E243503				3.14		9.11		1.41		0.308		4.86	
E243.5	Twomile tributary at TA-3	WT		UF	CS	GU0406E243501				25.4		70.5		3.87		1.7		8.08	
E243.5	Twomile tributary at TA-3	WT		UF	CS	GU0406E243502													
E243.5	Twomile tributary at TA-3	WT		UF	CS	GU0407E243501				6.27		19.6		1.55		0.961		2.28	
E243.5	Twomile tributary at TA-3	WT		UF	CS	GU0407E243503				3.52		11.6		1.2		0.686		1.15	
E243.5	Twomile tributary at TA-3	WT		UF	CS	GU0407E243505				3.55		10.3		1.06		0.353		2.78	
E243.5	Twomile tributary at TA-3	WT		UF	CS	GU0409E243501										0.341			
E243.5	Twomile tributary at TA-3	WT		UF	CS	GU0409E243502										0.247			
E243.5	Twomile tributary at TA-3	WT		UF	DUP	GU0404E243503				3.21				1.41		0.29		4.96	
E243.5	Twomile tributary at TA-3	WT		UF	DUP	GU0407E243501				6.21				1.49		0.908		2.25	
E243.5	Twomile tributary at TA-3	WT		UF	DUP	GU0407E243505				3.48				1.03		0.345		2.71	
E243.5	Twomile tributary at TA-3	WT		UF	DUP	GU0409E243501													
E243.5	Twomile tributary at TA-3	WT		UF	DUP	GU0409E243502													
E244	Twomile above Pajarito	WM		F	CS	GF04040M24401				18.6		65.2		3.33		4.53		39.6	
E244	Twomile above Pajarito	WM		UF	CS	GU04040M24401				18.3		64.4		3.42		4.53		38.8	
E244	Twomile above Pajarito	WT		F	CS	GF04070E24401				7.11		23.2		4		1.31		6.33	
E244	Twomile above Pajarito	WT		F	CS	GF04080E24401				5.06		16.8		2.55		1.02		6.42	

Table I-7. Watershed Storm Water Monitoring, 2004
Analytical Results for General Inorganics

						Anyl Meth Code	EPA:160.2		EPA:200.7		EPA:200.7		EPA:200.7		EPA:200.7		EPA:200.7		EPA:2
						Analyte	TSS		Ca		HARDNESS		K		Mg		Na		SiO2
						Std Uom	mg/L		mg/L		mg/L		mg/L		mg/L		mg/L		mg/L
							Sym	Result	Sym	Result	Sym	Result	Sym	Result	Sym	Result	Sym	Result	Sym
Location Synonym	Location Name	Fld Matrix Code	Fld Qc Type Code	Fld Prep Code	Lab Sample Type Code	Sample Id													
E244	Twomile above Pajarito	WT		UF	CS	GU04070E24401				77.5		321		29.9		31		10.4	
E244	Twomile above Pajarito	WT		UF	CS	GU04080E24401				55.8		203		18.4		15.5		8.92	
E245	Pajarito above TA-18	WM		F	CS	GF04040M24501				14.3		51.9		3.31		3.92		16.3	
E245	Pajarito above TA-18	WM		UF	CS	GU04040M24501				15.5		57		3.83		4.42		17.4	
E245	Pajarito above TA-18	WT		F	CS	GF04070E24501				10.4		34.9		4.63		2.19		15.9	
E245	Pajarito above TA-18	WT		F	CS	GF04100E24501				4.3		15		4.15		1.04		3.27	
E245	Pajarito above TA-18	WT		F	DUP	GF04070E24501				10.3				4.58		2.18		15.7	
E245	Pajarito above TA-18	WT		UF	CS	GU04070E24501				24.2		120		16		14.5		17.7	
E245	Pajarito above TA-18	WT		UF	CS	GU04100E24501				20.4		98.7		14.8		11.6		10.8	
E245	Pajarito above TA-18	WT		UF	DUP	GU04070E24501				24.2				16.1		14.5		17.8	
E245	Pajarito above TA-18	WT		UF	DUP	GU04100E24501				19.2				14		10.9		10.2	
E245.5	Pajarito above Threemile	WM		F	CS	GF0404M245501				14.7		52.7		3.41		3.9		17.4	
E245.5	Pajarito above Threemile	WM		UF	CS	GU0404M245501				15		54.7		3.68		4.2		17	
E245.5	Pajarito above Threemile	WT		F	CS	GF0407E245501				12.1		39.8		5.51		2.29		9.41	
E245.5	Pajarito above Threemile	WT		F	CS	GF0408E245501				5.82		20		4.36		1.33		4.9	
E245.5	Pajarito above Threemile	WT		F	CS	GF0410E245501				6.93		23.3		4.95		1.47		6.14	
E245.5	Pajarito above Threemile	WT		UF	CS	GU0407E245501				60.4		264		27.6		27.6		12.2	
E245.5	Pajarito above Threemile	WT		UF	CS	GU0408E245501				45.7		220		29.1		25.7		9.62	
E245.5	Pajarito above Threemile	WT		UF	CS	GU0410E245501				35.8		122		10.2		7.85		5.4	
E245.5	Pajarito above Threemile	WT		UF	DUP	GU0408E245501				46.1				28.3		24.6		9.82	
E246	Threemile above Pajarito	WT		F	CS	GF04070E24601				7.83		27.3		7.31		1.89		0.996	
E246	Threemile above Pajarito	WT		F	CS	GF04080E24601				5.05		18.2		4.19		1.36		1.77	
E246	Threemile above Pajarito	WT		F	DUP	GF04080E24601				5				4.24		1.34		1.8	
E246	Threemile above Pajarito	WT		UF	CS	GU04070E24601				64.9		257		27.6		23.2		4.03	
E246	Threemile above Pajarito	WT		UF	CS	GU04080E24601				20.6		70		6.66		4.49		2.3	
E247	MDA G-1	WT		F	CS	GF04080E24701				10.4		31.5		2.76		1.36		1.16	
E247	MDA G-1	WT		F	CS	GF04100E24701				6.76		21.4		2.66		1.09		0.78	
E247	MDA G-1	WT		F	CS	GF04100E24702				5.76		18.7		2.39		1.05		1.26	
E247	MDA G-1	WT		F	DUP	GF04100E24702				5.63				2.36		1.01		1.23	
E247	MDA G-1	WT		UF	CS	GU04080E24701				67.2		224		9.81		13.6		2.12	
E247	MDA G-1	WT		UF	CS	GU04100E24701				39		192		19.5		23		2.44	
E247	MDA G-1	WT		UF	CS	GU04100E24702				14.3		73.9		11.2		9.26		4.02	
E247	MDA G-1	WT		UF	DUP	GU04100E24701				40.2				19.8		23.2		2.44	
E247	MDA G-1	WT		UF	DUP	GU04100E24702				15				11.4		9.42		4.15	
E248.5	MDA G-6U	WT		F	CS	GF0407E248501				6.48		25.2		2.54		2.18		2.18	
E248.5	MDA G-6U	WT		F	CS	GF0409E248501				3.47		11.2		1.85		0.617		7.7	
E248.5	MDA G-6U	WT		F	CS	GF0410E248501				4.55		17.4		1.78		1.47		1.54	

Table I-7. Watershed Storm Water Monitoring, 2004
Analytical Results for General Inorganics

						Anyl Meth Code	EPA:160.2		EPA:200.7		EPA:200.7		EPA:200.7		EPA:200.7		EPA:200.7		EPA:2
						Analyte	TSS		Ca		HARDNESS		K		Mg		Na		SiO2
						Std Uom	mg/L		mg/L		mg/L		mg/L		mg/L		mg/L		mg/L
							Sym	Result	Sym	Result	Sym	Result	Sym	Result	Sym	Result	Sym	Result	Sym
Location Synonym	Location Name	Fld Matrix Code	Fld Qc Type Code	Fld Prep Code	Lab Sample Type Code	Sample Id													
E248.5	MDA G-6U	WT		F	DUP	GF0409E248501				3.58				1.93		0.639		7.98	
E248.5	MDA G-6U	WT		UF	CS	GU0404E248502				7.46		38.9		6.83		4.93		4.16	
E248.5	MDA G-6U	WT		UF	CS	GU0407E248501				7.13		33.4		5.04		3.78		3.96	
E248.5	MDA G-6U	WT		UF	CS	GU0409E248501				5.69		24		3.94		2.37		7.96	
E248.5	MDA G-6U	WT		UF	CS	GU0410E248501													
E248.5	MDA G-6U	WT		UF	DUP	GU0409E248501				5.64				3.84		2.34		7.84	
E248.5	MDA G-6U	WT				FN0408E248501													
E249	MDA G-4	WT		F	CS	GF04080E24901				5.12		17.6		3.9		1.18		0.951	
E249	MDA G-4	WT		UF	CS	GU04080E24901				10.7		38.5		5.22		2.84		1.37	
E249	MDA G-4	WT				FN04080E24901													
E250	Pajarito above SR-4	WT		F	CS	GF04040E25001				40.2		134		10.2		8.13		33.3	
E250	Pajarito above SR-4	WT		UF	CS	GU04040E25001				29.1		102		12.1		7.05		24.9	
E250	Pajarito above SR-4	WT		UF	CS	GU04040E25002										6.3			
E252.5	Water above S Site Canyon	WM		F	CS	GF04040M26001				16		61		4.62		5.09		14.2	
E252.5	Water above S Site Canyon	WM		UF	CS	GU04040M26001				15.6		59.6		4.65		5		14.3	
E252.5	Water above S Site Canyon	WT		F	CS	GF04080E26001				4.24		16		3.42		1.31		2.44	
E252.5	Water above S Site Canyon	WT		UF	CS	GU04080E26001				54.7		186		13.1		11.9		4.48	
E252.8	S Site Canyon above Water	WT		F	CS	GF04080E26101				5.23		20.1		3.97		1.38		1.85	
E252.8	S Site Canyon above Water	WT		UF	CS	GU04080E26101				151		495		71		69.5		10.9	
E256	Canon de Valle below MDA P	WT		F	CS	GF04070E25601				13.1		41		4.35		2.02		5.06	
E256	Canon de Valle below MDA P	WT		F	CS	GF04080E25601				12.9		40.6		4.76		2.05		4.76	
E256	Canon de Valle below MDA P	WT		F	CS	GF04080E25602				14.1		45.2		5		2.13		4.54	
E256	Canon de Valle below MDA P	WT		UF	CS	GU04070E25601				62.2		227		19		17.5		8	
E256	Canon de Valle below MDA P	WT		UF	CS	GU04080E25601				35.6		144		15.8		13.4		7.92	
E256	Canon de Valle below MDA P	WT		UF	CS	GU04080E25602				87.9		283		36.7		35.2		10.6	
E256	Canon de Valle below MDA P	WT		UF	DUP	GU04080E25602													
E257	Canon de Valle tributary at Burn Grounds	WT		F	CS	GF04040E25701				10.8		35.6		3.83		2.12		14.9	
E257	Canon de Valle tributary at Burn Grounds	WT		F	CS	GF04070E25701				3.75		12.9		4.63		0.855		1.86	

						Anyl Meth Code	EPA:160.2		EPA:200.7		EPA:200.7		EPA:200.7		EPA:200.7		EPA:200.7		EPA:2
						Analyte	TSS		Ca		HARDNESS		K		Mg		Na		SiO2
						Std Uom	mg/L		mg/L		mg/L		mg/L		mg/L		mg/L		mg/L
							Sym	Result	Sym	Result	Sym	Result	Sym	Result	Sym	Result	Sym	Result	Sym
Location Synonym	**Location Name**	**Fld Matrix Code**	**Fld Qc Type Code**	**Fld Prep Code**	**Lab Sample Type Code**	**Sample Id**													
E257	Canon de Valle tributary at Burn Grounds	WT		F	CS	GF04070E25702				3.3		11.6		3.93		0.808		2.78	
E257	Canon de Valle tributary at Burn Grounds	WT		F	CS	GF04080E25701				12		42.3		7.68		3.02		23	
E257	Canon de Valle tributary at Burn Grounds	WT		UF	CS	GU04040E25701				11.2		39.3		4.87		2.75		13.7	
E257	Canon de Valle tributary at Burn Grounds	WT		UF	CS	GU04070E25701				21.2		102		18.1		11.9		5.04	
E257	Canon de Valle tributary at Burn Grounds	WT		UF	CS	GU04070E25702				16.8		69.4		11.6		6.66		4.94	
E257	Canon de Valle tributary at Burn Grounds	WT		UF	CS	GU04080E25701				15.7		56.2		10		4.15		30.5	
E262	Canon de Valle above Water	WT		F	CS	GF04080E26201				7.78		24.9		3.85		1.34		1.79	
E262	Canon de Valle above Water	WT		UF	CS	GU04080E26201				69.4		219		12.9		11.2		3.3	
E262.5	Water below MDA AB	WM		F	CS	GF0404M262501				15.7		59.7		4.45		4.96		15.4	
E262.5	Water below MDA AB	WM		UF	CS	GU0404M262501				15.2		58.1		4.35		4.86		15.1	
E262.5	Water below MDA AB	WT		F	CS	GF0408E262501				5.33		19.9		4.94		1.39		1.29	
E262.5	Water below MDA AB	WT		F	CS	GF0410E262501				3.1		11.3		3.81		0.857		0.956	
E262.5	Water below MDA AB	WT		UF	CS	GU0408E262501				27.1		118		24.1		18.2		3.22	
E262.5	Water below MDA AB	WT		UF	CS	GU0410E262501				33.9		110		9.04		6.12		1.2	
E262.5	Water below MDA AB	WT		UF	DUP	GU0408E262501													
E263	Water at SR-4	WT		F	CS	GF04080E26301				5.11		18.1		4.95		1.31		1.83	
E263	Water at SR-4	WT		F	CS	GF04080E26302				6.37		23.5		4.34		1.85		3.86	
E263	Water at SR-4	WT		F	DUP	GF04080E26302				6.32				4.32		1.78		3.84	
E263	Water at SR-4	WT		UF	CS	GU04080E26301				117		521		56.2		55.9		4.93	
E263	Water at SR-4	WT		UF	CS	GU04080E26302				99.4		331		19.1		20.2		6.32	
E263	Water at SR-4	WT		UF	DUP	GU04080E26302				98.7				20.8		21.1		6.7	
E265	Water below SR-4	WT	EQB	F	CS	GF04080E26501				0.226		0.76		0.18	<	0.0477		0.318	
E265	Water below SR-4	WT	EQB	UF	CS	GU04080E26501			<	0.00823	<	0.00823	<	0.0372	<	0.00332	<	0.02	
E265	Water below SR-4	WT	EQB	UF	DUP	GU04080E26501			<	0.00823			<	0.0372	<	0.00332	<	0.02	
E265	Water below SR-4	WT		F	CS	GF04050E26501			<	0.0118		0.0428	<	0.0372	<	0.00332	<	0.0368	<
E265	Water below SR-4	WT		F	CS	GF04080E26502				4.09		14.6		4.39		1.05		1.11	
E265	Water below SR-4	WT		F	CS	GF04080E26503				5.84		21		4.03		1.56		2.85	
E265	Water below SR-4	WT		UF	CS	GU04050E26501			<	0.00823		0.0239	<	0.0372	<	0.00332	<	0.02	<
E265	Water below SR-4	WT		UF	CS	GU04080E26502				97.7		476		57.6		56.3		5.21	
E265	Water below SR-4	WT		UF	CS	GU04080E26503				280		1020		62.4		77.2		9.56	

Table I-7. Watershed Storm Water Monitoring, 2004
Analytical Results for General Inorganics

						Anyl Meth Code	00.7	EPA:200.8		EPA:314.0		EPA:335.1		EPA:335.3		EPA:335.3		EPA:3
						Analyte		Mg		ClO4		CN (amen)		CN (amen)		CN(TOTAL)		NH3-N
						Std Uom		mg/L		ug/L		mg/L		mg/L		mg/L		mg/L
							Result	Sym	Result	Sym	Result	Sym	Result	Sym	Result	Sym	Result	Sym
Location Synonym	Location Name	Fld Matrix Code	Fld Qc Type Code	Fld Prep Code	Lab Sample Type Code	Sample Id												
E026	Los Alamos below Ice Rink	WM		F	CS	GF04040M02601	34											
E026	Los Alamos below Ice Rink	WM		F	DUP	GF04040M02601	30.7											
E026	Los Alamos below Ice Rink	WM		UF	CS	GU04040M02601	32.1											
E026	Los Alamos below Ice Rink	WM		UF	DUP	GU04040M02601	34											
E026	Los Alamos below Ice Rink	WT	EQB	F	CS	GF04080E02601												
E026	Los Alamos below Ice Rink	WT	EQB	UF	CS	GU04080E02601												
E026	Los Alamos below Ice Rink	WT		F	CS	GF04050E02601	0.0249											
E026	Los Alamos below Ice Rink	WT		F	DUP	GF04050E02601	0.0122											
E026	Los Alamos below Ice Rink	WT		UF	CS	GU04050E02601	0.0122											
E026	Los Alamos below Ice Rink	WT		UF	DUP	GU04050E02601	0.0131											
E030	Los Alamos above DP Canyon	WT		F	CS	GF04070E03001												
E030	Los Alamos above DP Canyon	WT		F	CS	GF04080E03001												
E030	Los Alamos above DP Canyon	WT		F	CS	GF04080E03002												
E030	Los Alamos above DP Canyon	WT		F	CS	GF04090E03001												
E030	Los Alamos above DP Canyon	WT		UF	CS	GU04040E03002	110											
E030	Los Alamos above DP Canyon	WT		UF	CS	GU04070E03001						<	0.00172				0.0101	
E030	Los Alamos above DP Canyon	WT		UF	CS	GU04070E03002												
E030	Los Alamos above DP Canyon	WT		UF	CS	GU04080E03001						<	0.00172				0.00546	
E030	Los Alamos above DP Canyon	WT		UF	CS	GU04080E03002						<	0.00172				0.00365	
E030	Los Alamos above DP Canyon	WT		UF	CS	GU04090E03001						<	0.00172				0.00292	
E038	DP above TA-21	WT	FD	F	CS	GF04070E03890												
E038	DP above TA-21	WT	FD	UF	CS	GU04070E03890						<	0.00172				0.00271	<
E038	DP above TA-21	WT		F	CS	GF04060E03801												
E038	DP above TA-21	WT		F	CS	GF04070E03801												
E038	DP above TA-21	WT		F	CS	GF04070E03802												
E038	DP above TA-21	WT		F	CS	GF04070E03803												
E038	DP above TA-21	WT		F	DUP	GF04060E03801			4.55									

						Anyl Meth Code	00.7	EPA:200.8		EPA:314.0		EPA:335.1		EPA:335.3		EPA:335.3		EPA:3
						Analyte		Mg		ClO4		CN (amen)		CN (amen)		CN(TOTAL)		NH3-N
						Std Uom		mg/L		ug/L		mg/L		mg/L		mg/L		mg/L
							Result	Sym	Result	Sym	Result	Sym	Result	Sym	Result	Sym	Result	Sym
Location Synonym	Location Name	Fld Matrix Code	Fld Qc Type Code	Fld Prep Code	Lab Sample Type Code	Sample Id												
E038	DP above TA-21	WT		F	DUP	GF04070E03803			0.465									
E038	DP above TA-21	WT		UF	CS	GU04060E03801											0.00281	
E038	DP above TA-21	WT		UF	CS	GU04070E03801						<	0.00172				0.00262	<
E038	DP above TA-21	WT		UF	CS	GU04070E03803						<	0.00172			<	0.00172	
E038	DP above TA-21	WT		UF	CS	GU04070E03804						<	0.00172			<	0.00172	
E038	DP above TA-21	WT		UF	DUP	GU04060E03801											0.00448	
E038	DP above TA-21	WT		UF	DUP	GU04070E03804			3.31							<	0.00172	
E039	DP below Meadow at TA-21	WT	EQB	F	CS	GF04070E03904												
E039	DP below Meadow at TA-21	WT	EQB	F	DUP	GF04070E03904												
E039	DP below Meadow at TA-21	WT	EQB	UF	CS	GU04070E03904						<	0.00172			<	0.00172	
E039	DP below Meadow at TA-21	WT		F	CS	GF04050E03901	0.0122											
E039	DP below Meadow at TA-21	WT		F	CS	GF04070E03901												
E039	DP below Meadow at TA-21	WT		F	CS	GF04070E03902												
E039	DP below Meadow at TA-21	WT		F	CS	GF04070E03903												
E039	DP below Meadow at TA-21	WT		UF	CS	GU04050E03901	0.515									<	0.00325	<
E039	DP below Meadow at TA-21	WT		UF	CS	GU04070E03901						<	0.00172				0.00705	<
E039	DP below Meadow at TA-21	WT		UF	CS	GU04070E03902						<	0.00172			<	0.00172	
E039	DP below Meadow at TA-21	WT		UF	CS	GU04070E03903						<	0.00172			<	0.00172	
E039	DP below Meadow at TA-21	WT		UF	DUP	GU04070E03901											0.00221	
E040	DP above Los Alamos Canyon	WT		F	CS	GF04070E04001												
E040	DP above Los Alamos Canyon	WT		F	CS	GF04070E04002												
E040	DP above Los Alamos Canyon	WT		F	CS	GF04080E04001												
E040	DP above Los Alamos Canyon	WT		F	CS	GF04080E04002												
E040	DP above Los Alamos Canyon	WT		F	DUP	GF04070E04001			0.942									
E040	DP above Los Alamos Canyon	WT		F	DUP	GF04080E04001												
E040	DP above Los Alamos Canyon	WT		UF	CS	GU04070E04001												
E040	DP above Los Alamos Canyon	WT		UF	CS	GU04070E04002												
E040	DP above Los Alamos Canyon	WT		UF	CS	GU04080E04001												

						Anyl Meth Code	00.7	EPA:200.8		EPA:314.0		EPA:335.1		EPA:335.3		EPA:335.3		EPA:3
						Analyte		Mg		ClO4		CN (amen)		CN (amen)		CN(TOTAL)		NH3-N
						Std Uom		mg/L		ug/L		mg/L		mg/L		mg/L		mg/L
							Result	Sym	Result	Sym	Result	Sym	Result	Sym	Result	Sym	Result	Sym
Location Synonym	Location Name	Fld Matrix Code	Fld Qc Type Code	Fld Prep Code	Lab Sample Type Code	Sample Id												
E040	DP above Los Alamos Canyon	WT		UF	CS	GU04080E04002												
E040	DP above Los Alamos Canyon	WT		UF	DUP	GU04070E04001			28.5									
E040	DP above Los Alamos Canyon	WT		UF	DUP	GU04080E04002												
E042	Los Alamos above SR-4	WT		F	CS	GF04070E04201												
E042	Los Alamos above SR-4	WT		F	CS	GF04080E04201												
E042	Los Alamos above SR-4	WT		F	CS	GF04100E04201												
E042	Los Alamos above SR-4	WT		F	CS	GF04100E04202												
E042	Los Alamos above SR-4	WT		UF	CS	GU04040E04202	138											
E042	Los Alamos above SR-4	WT		UF	CS	GU04070E04201						<	0.00172				0.0028	
E042	Los Alamos above SR-4	WT		UF	CS	GU04080E04201						<	0.00172				0.00384	
E042	Los Alamos above SR-4	WT		UF	CS	GU04100E04201						<	0.00172				0.00233	
E042	Los Alamos above SR-4	WT		UF	CS	GU04100E04202						<	0.00172			<	0.00172	
E042	Los Alamos above SR-4	WT		UF	DUP	GU04070E04201												
E042	Los Alamos above SR-4	WT		UF	DUP	GU04080E04201												
E042	Los Alamos above SR-4	WT		UF	DUP	GU04100E04201												
E050	Los Alamos below LA Weir	WM		F	CS	GF04040M05001	34.1											
E050	Los Alamos below LA Weir	WM		UF	CS	GU04040M05001	39											
E050	Los Alamos below LA Weir	WM		UF	DUP	GU04040M05001												
E055	Pueblo above Acid	WT		F	CS	GF04070E05501												
E055	Pueblo above Acid	WT		F	CS	GF04080E05501												
E055	Pueblo above Acid	WT		F	CS	GF04080E05502												
E055	Pueblo above Acid	WT		F	CS	GF04090E05501												
E055	Pueblo above Acid	WT		F	DUP	GF04070E05501			2.09									
E055	Pueblo above Acid	WT		F	DUP	GF04090E05501												
E055	Pueblo above Acid	WT		UF	CS	GU04070E05501						<	0.00172				0.00465	
E055	Pueblo above Acid	WT		UF	CS	GU04080E05501						<	0.00172			<	0.00631	
E055	Pueblo above Acid	WT		UF	CS	GU04080E05502						<	0.00172				0.00508	
E055	Pueblo above Acid	WT		UF	CS	GU04090E05501						<	0.00172			<	0.00651	
E055	Pueblo above Acid	WT		UF	DUP	GU04070E05501			17.9								0.00206	
E055	Pueblo above Acid	WT		UF	DUP	GU04090E05501												
E0555	South Fork of Acid Canyon	WT		F	CS	GF0409E055501												
E0555	South Fork of Acid Canyon	WT		F	DUP	GF0409E055501												
E0555	South Fork of Acid Canyon	WT		UF	CS	GU0409E055501						<	0.00172			<	0.00172	
E0555	South Fork of Acid Canyon	WT		UF	DUP	GU0409E055501												

						Anyl Meth Code	00.7	EPA:200.8		EPA:314.0		EPA:335.1		EPA:335.3		EPA:335.3		EPA:3
						Analyte		Mg		ClO4		CN (amen)		CN (amen)		CN(TOTAL)		NH3-N
						Std Uom		mg/L		ug/L		mg/L		mg/L		mg/L		mg/L
							Result	Sym	Result	Sym	Result	Sym	Result	Sym	Result	Sym	Result	Sym
Location Synonym	Location Name	Fld Matrix Code	Fld Qc Type Code	Fld Prep Code	Lab Sample Type Code	Sample Id												
E060	Pueblo above SR-502	WT	EQB	F	CS	GF04080E06001												
E060	Pueblo above SR-502	WT	EQB	F	DUP	GF04080E06001												
E060	Pueblo above SR-502	WT	EQB	UF	CS	GU04080E06001						<	0.00172			<	0.00172	
E060	Pueblo above SR-502	WT	EQB	UF	DUP	GU04080E06001												
E060	Pueblo above SR-502	WT		F	CS	GF04050E06001	0.015											
E060	Pueblo above SR-502	WT		F	CS	GF04070E06001												
E060	Pueblo above SR-502	WT		F	CS	GF04070E06002												
E060	Pueblo above SR-502	WT		F	CS	GF04080E06002												
E060	Pueblo above SR-502	WT		F	DUP	GF04050E06001	0.0193											
E060	Pueblo above SR-502	WT		F	DUP	GF04070E06001												
E060	Pueblo above SR-502	WT		UF	CS	GU04050E06001	0.0144									<	0.00172	<
E060	Pueblo above SR-502	WT		UF	CS	GU04070E06001						<	0.00172			<	0.00172	
E060	Pueblo above SR-502	WT		UF	CS	GU04070E06002						<	0.00172				0.00267	
E060	Pueblo above SR-502	WT		UF	CS	GU04080E06002						<	0.00172				0.0037	
E060	Pueblo above SR-502	WT		UF	DUP	GU04050E06001	0.0122											
E060	Pueblo above SR-502	WT		UF	DUP	GU04070E06001												
E121	Sandia right fork at Power Plant	WT		F	CS	GF04070E12101												
E121	Sandia right fork at Power Plant	WT		F	CS	GF04080E12101												
E121	Sandia right fork at Power Plant	WT		F	CS	GF04080E12102												
E121	Sandia right fork at Power Plant	WT		F	CS	GF04090E12101												
E121	Sandia right fork at Power Plant	WT		F	DUP	GF04080E12101												
E121	Sandia right fork at Power Plant	WT		F	DUP	GF04080E12102												
E121	Sandia right fork at Power Plant	WT		F	DUP	GF04090E12101												
E121	Sandia right fork at Power Plant	WT		UF	CS	GU04020E12101			6.72							<	0.00172	
E121	Sandia right fork at Power Plant	WT		UF	CS	GU04070E12101						<	0.00172				0.00235	
E121	Sandia right fork at Power Plant	WT		UF	CS	GU04080E12101												

						Anyl Meth Code	00.7	EPA:200.8		EPA:314.0		EPA:335.1		EPA:335.3		EPA:335.3		EPA:3
						Analyte		Mg		ClO4		CN (amen)		CN (amen)		CN(TOTAL)		NH3-N
						Std Uom		mg/L		ug/L		mg/L		mg/L		mg/L		mg/L
							Result	Sym	Result	Sym	Result	Sym	Result	Sym	Result	Sym	Result	Sym
Location Synonym	Location Name	Fld Matrix Code	Fld Qc Type Code	Fld Prep Code	Lab Sample Type Code	Sample Id												
E121	Sandia right fork at Power Plant	WT		UF	CS	GU04080E12102						<	0.00172			<	0.00172	
E121	Sandia right fork at Power Plant	WT		UF	CS	GU04090E12101						<	0.00172				0.00332	
E121	Sandia right fork at Power Plant	WT		UF	DUP	GU04080E12101												
E121	Sandia right fork at Power Plant	WT		UF	DUP	GU04080E12102												
E121	Sandia right fork at Power Plant	WT		UF	DUP	GU04090E12101												
E122	Sandia left fork at Asphalt Plant	WT		F	CS	GF04040E12201	5.24											
E122	Sandia left fork at Asphalt Plant	WT		F	CS	GF04070E12201												
E122	Sandia left fork at Asphalt Plant	WT		F	CS	GF04080E12201												
E122	Sandia left fork at Asphalt Plant	WT		F	CS	GF04080E12202												
E122	Sandia left fork at Asphalt Plant	WT		F	DUP	GF04040E12201	5.08											
E122	Sandia left fork at Asphalt Plant	WT		UF	CS	GU04020E12201			2.84								0.0153	
E122	Sandia left fork at Asphalt Plant	WT		UF	CS	GU04040E12201												
E122	Sandia left fork at Asphalt Plant	WT		UF	CS	GU04040E12202	7.44											
E122	Sandia left fork at Asphalt Plant	WT		UF	CS	GU04070E12201						<	0.00172			<	0.00172	
E122	Sandia left fork at Asphalt Plant	WT		UF	CS	GU04080E12201						<	0.00172			<	0.00172	
E122	Sandia left fork at Asphalt Plant	WT		UF	CS	GU04080E12202							0.00376				0.00385	
E122	Sandia left fork at Asphalt Plant	WT		UF	CS	GU04090E12201						<	0.00172			<	0.00172	
E123	Sandia below Wetlands	WT		F	CS	GF04070E12301												
E123	Sandia below Wetlands	WT		F	CS	GF04070E12302												
E123	Sandia below Wetlands	WT		F	CS	GF04070E12303												

						Anyl Meth Code	00.7	EPA:200.8		EPA:314.0		EPA:335.1		EPA:335.3		EPA:335.3		EPA:3
						Analyte		Mg		ClO4		CN (amen)		CN (amen)		CN(TOTAL)		NH3-N
						Std Uom		mg/L		ug/L		mg/L		mg/L		mg/L		mg/L
							Result	Sym	Result	Sym	Result	Sym	Result	Sym	Result	Sym	Result	Sym
Location Synonym	Location Name	Fld Matrix Code	Fld Qc Type Code	Fld Prep Code	Lab Sample Type Code	Sample Id												
E123	Sandia below Wetlands	WT		F	CS	GF04080E12301												
E123	Sandia below Wetlands	WT		F	DUP	GF04070E12301												
E123	Sandia below Wetlands	WT		UF	CS	GU04070E12301												
E123	Sandia below Wetlands	WT		UF	CS	GU04070E12302												
E123	Sandia below Wetlands	WT		UF	CS	GU04070E12303												
E123	Sandia below Wetlands	WT		UF	CS	GU04080E12301												
E123	Sandia below Wetlands	WT		UF	DUP	GU04070E12301												
E124	Sandia above Firing Range	WT		F	CS	GF04080E12401												
E124	Sandia above Firing Range	WT		F	CS	GF04080E12402												
E124	Sandia above Firing Range	WT		F	CS	GF04100E12401												
E124	Sandia above Firing Range	WT		F	DUP	GF04100E12401												
E124	Sandia above Firing Range	WT		UF	CS	GU04080E12402							0.00508				0.00511	
E124	Sandia above Firing Range	WT		UF	CS	GU04080E12403						<	0.00172				0.00286	
E124	Sandia above Firing Range	WT		UF	CS	GU04100E12401								<	0.00172	<	0.00172	
E200	Mortandad below Effluent Canyon	WT		F	CS	GF04070E20001												
E200	Mortandad below Effluent Canyon	WT		F	CS	GF04080E20001												
E200	Mortandad below Effluent Canyon	WT		F	CS	GF04080E20002												
E200	Mortandad below Effluent Canyon	WT		F	CS	GF04080E20003												
E200	Mortandad below Effluent Canyon	WT		F	DUP	GF04080E20002												
E200	Mortandad below Effluent Canyon	WT		UF	CS	GU04070E20001				<	4	<	0.00172			<	0.00172	
E200	Mortandad below Effluent Canyon	WT		UF	CS	GU04080E20001				<	4	<	0.00172			<	0.00255	
E200	Mortandad below Effluent Canyon	WT		UF	CS	GU04080E20002				<	4	<	0.00172			<	0.00172	
E200	Mortandad below Effluent Canyon	WT		UF	CS	GU04080E20003				<	4	<	0.00172			<	0.00172	
E200	Mortandad below Effluent Canyon	WT		UF	DUP	GU04070E20001				<	4							
E200	Mortandad below Effluent Canyon	WT		UF	DUP	GU04080E20001												

						Anyl Meth Code	00.7	EPA:200.8		EPA:314.0		EPA:335.1		EPA:335.3		EPA:335.3		EPA:3
						Analyte		Mg		ClO4		CN (amen)		CN (amen)		CN(TOTAL)		NH3-N
						Std Uom		mg/L		ug/L		mg/L		mg/L		mg/L		mg/L
							Result	Sym	Result	Sym	Result	Sym	Result	Sym	Result	Sym	Result	Sym
Location Synonym	Location Name	Fld Matrix Code	Fld Qc Type Code	Fld Prep Code	Lab Sample Type Code	Sample Id												
E200	Mortandad below Effluent Canyon	WT		UF	DUP	GU04080E20003				<	4							
E201.3	Ten Site below MDA C	WT		F	CS	GF0404E201301	6.99											
E201.3	Ten Site below MDA C	WT		F	CS	GF0407E201301												
E201.3	Ten Site below MDA C	WT		F	CS	GF0410E201301												
E201.3	Ten Site below MDA C	WT		F	DUP	GF0404E201301	6.72											
E201.3	Ten Site below MDA C	WT		F	DUP	GF0410E201301												
E201.3	Ten Site below MDA C	WT		UF	CS	GU0404E201302	17.2											
E201.3	Ten Site below MDA C	WT		UF	CS	GU0404E201303			0.744							<	0.00172	
E201.3	Ten Site below MDA C	WT		UF	CS	GU0407E201301						<	0.00172			<	0.00172	
E201.3	Ten Site below MDA C	WT		UF	CS	GU0410E201301												
E201.3	Ten Site below MDA C	WT		UF	DUP	GU0404E201303												
E201.3	Ten Site below MDA C	WT		UF	DUP	GU0410E201301												
E201.5	Ten Site above Mortandad	WT		F	CS	GF0408E201501												
E201.5	Ten Site above Mortandad	WT		F	DUP	GF0408E201501												
E201.5	Ten Site above Mortandad	WT		UF	CS	GU0408E201501						<	0.00172				0.00191	
E201.5	Ten Site above Mortandad	WT		UF	DUP	GU0408E201501												
E218	Canada del Buey near TA-46	WT		F	CS	GF04080E21801												
E218	Canada del Buey near TA-46	WT		F	CS	GF04100E21801												
E218	Canada del Buey near TA-46	WT		F	CS	GF04100E21802												
E218	Canada del Buey near TA-46	WT		F	DUP	GF04100E21801												
E218	Canada del Buey near TA-46	WT		F	DUP	GF04100E21802												
E218	Canada del Buey near TA-46	WT		UF	CS	GU04080E21801						<	0.00172			<	0.0041	
E218	Canada del Buey near TA-46	WT		UF	CS	GU04090E21801												
E218	Canada del Buey near TA-46	WT		UF	CS	GU04100E21801						<	0.00172			<	0.00172	
E218	Canada del Buey near TA-46	WT		UF	CS	GU04100E21802												
E218	Canada del Buey near TA-46	WT		UF	DUP	GU04080E21801											0.00422	

						Anyl Meth Code	00.7	EPA:200.8		EPA:314.0		EPA:335.1		EPA:335.3		EPA:335.3		EPA:3
						Analyte		Mg		ClO4		CN (amen)		CN (amen)		CN(TOTAL)		NH3-N
						Std Uom		mg/L		ug/L		mg/L		mg/L		mg/L		mg/L
							Result	Sym	Result	Sym	Result	Sym	Result	Sym	Result	Sym	Result	Sym
Location Synonym	Location Name	Fld Matrix Code	Fld Qc Type Code	Fld Prep Code	Lab Sample Type Code	Sample Id												
E227	MDA G-13	WT		F	CS	GF04080E22701												
E227	MDA G-13	WT		F	DUP	GF04080E22701			3.57									
E227	MDA G-13	WT		UF	CS	GU04080E22701						<	0.00172			<	0.00172	
E227	MDA G-13	WT		UF	DUP	GU04080E22701			26									
E227	MDA G-13	WT				FN04080E22701												
E230	Canada del Buey above SR-4	WT		F	CS	GF04080E23001												
E230	Canada del Buey above SR-4	WT		F	CS	GF04080E23002												
E230	Canada del Buey above SR-4	WT		F	CS	GF04100E23001												
E230	Canada del Buey above SR-4	WT		F	DUP	GF04080E23001			1.32									
E230	Canada del Buey above SR-4	WT		F	DUP	GF04080E23002												
E230	Canada del Buey above SR-4	WT		UF	CS	GU04080E23001												
E230	Canada del Buey above SR-4	WT		UF	CS	GU04080E23002												
E230	Canada del Buey above SR-4	WT		UF	CS	GU04100E23001												
E230	Canada del Buey above SR-4	WT		UF	DUP	GU04080E23001												
E230	Canada del Buey above SR-4	WT		UF	DUP	GU04080E23002												
E240	Pajarito below SR-501	WT	EQB	F	CS	GF04080E24001												
E240	Pajarito below SR-501	WT	EQB	UF	CS	GU04080E24001												
E240	Pajarito below SR-501	WT		F	CS	GF04050E24001	0.0122											
E240	Pajarito below SR-501	WT		UF	CS	GU04050E24001	0.147											
E241	Pajarito above Starmers	WT		F	CS	GF04100E24101												
E241	Pajarito above Starmers	WT		F	DUP	GF04100E24101												
E241	Pajarito above Starmers	WT		UF	CS	GU04100E24101												
E241	Pajarito above Starmers	WT		UF	DUP	GU04100E24101												
E242	Starmers above Pajarito	WT		F	CS	GF04070E24201												
E242	Starmers above Pajarito	WT		F	CS	GF04100E24201												
E242	Starmers above Pajarito	WT		F	DUP	GF04100E24201												
E242	Starmers above Pajarito	WT		UF	CS	GU04070E24201						<	0.00172			<	0.00172	

						Anyl Meth Code	00.7	EPA:200.8		EPA:314.0		EPA:335.1		EPA:335.3		EPA:335.3		EPA:3
						Analyte		Mg		ClO4		CN (amen)		CN (amen)		CN(TOTAL)		NH3-N
						Std Uom		mg/L		ug/L		mg/L		mg/L		mg/L		mg/L
							Result	Sym	Result	Sym	Result	Sym	Result	Sym	Result	Sym	Result	Sym
Location Synonym	Location Name	Fld Matrix Code	Fld Qc Type Code	Fld Prep Code	Lab Sample Type Code	Sample Id												
E242	Starmers above Pajarito	WT		UF	CS	GU04100E24201						<	0.00172				0.00191	
E242	Starmers above Pajarito	WT		UF	DUP	GU04100E24201												
E242.5	La Delfe above Pajarito	WT		F	CS	GF0407E242501												
E242.5	La Delfe above Pajarito	WT		UF	CS	GU0407E242501						<	0.00172				0.0037	
E243	Pajarito above Twomile	WM		F	CS	GF04040M24301	33.9											
E243	Pajarito above Twomile	WM		F	DUP	GF04040M24301	32											
E243	Pajarito above Twomile	WM		UF	CS	GU04040M24301	35.3											
E243	Pajarito above Twomile	WM		UF	DUP	GU04040M24301	37.1											
E243.5	Twomile tributary at TA-3	WT	EQB	F	CS	GF0408E243501												
E243.5	Twomile tributary at TA-3	WT	EQB	UF	CS	GU0405E243501	0.0122									<	0.00172	
E243.5	Twomile tributary at TA-3	WT	EQB	UF	CS	GU0408E243501						<	0.00172			<	0.00172	
E243.5	Twomile tributary at TA-3	WT	EQB	UF	DUP	GU0408E243501												
E243.5	Twomile tributary at TA-3	WT		F	CS	GF0405E243501	0.0122											
E243.5	Twomile tributary at TA-3	WT		F	CS	GF0406E243501												
E243.5	Twomile tributary at TA-3	WT		F	CS	GF0407E243501												
E243.5	Twomile tributary at TA-3	WT		F	CS	GF0407E243502												
E243.5	Twomile tributary at TA-3	WT		F	CS	GF0407E243503												
E243.5	Twomile tributary at TA-3	WT		F	DUP	GF0407E243501												
E243.5	Twomile tributary at TA-3	WT		F	DUP	GF0407E243503												
E243.5	Twomile tributary at TA-3	WT		UF	CS	GU0402E243501			0.495							<	0.00172	
E243.5	Twomile tributary at TA-3	WT		UF	CS	GU0404E243503	4.8											
E243.5	Twomile tributary at TA-3	WT		UF	CS	GU0406E243501												
E243.5	Twomile tributary at TA-3	WT		UF	CS	GU0406E243502										<	0.00172	
E243.5	Twomile tributary at TA-3	WT		UF	CS	GU0407E243501						<	0.00172			<	0.00172	
E243.5	Twomile tributary at TA-3	WT		UF	CS	GU0407E243503												<
E243.5	Twomile tributary at TA-3	WT		UF	CS	GU0407E243505						<	0.00172			<	0.00172	
E243.5	Twomile tributary at TA-3	WT		UF	CS	GU0409E243501						<	0.00172			<	0.00172	
E243.5	Twomile tributary at TA-3	WT		UF	CS	GU0409E243502						<	0.00172			<	0.00172	
E243.5	Twomile tributary at TA-3	WT		UF	DUP	GU0404E243503	4.42											
E243.5	Twomile tributary at TA-3	WT		UF	DUP	GU0407E243501												
E243.5	Twomile tributary at TA-3	WT		UF	DUP	GU0407E243505												
E243.5	Twomile tributary at TA-3	WT		UF	DUP	GU0409E243501												
E243.5	Twomile tributary at TA-3	WT		UF	DUP	GU0409E243502												
E244	Twomile above Pajarito	WM		F	CS	GF04040M24401	24.3											
E244	Twomile above Pajarito	WM		UF	CS	GU04040M24401	26.4											
E244	Twomile above Pajarito	WT		F	CS	GF04070E24401												
E244	Twomile above Pajarito	WT		F	CS	GF04080E24401												

						Anyl Meth Code	00.7	EPA:200.8		EPA:314.0		EPA:335.1		EPA:335.3		EPA:335.3		EPA:3
						Analyte		Mg		ClO4		CN (amen)		CN (amen)		CN(TOTAL)		NH3-N
						Std Uom		mg/L		ug/L		mg/L		mg/L		mg/L		mg/L
							Result	Sym	Result	Sym	Result	Sym	Result	Sym	Result	Sym	Result	Sym
Location Synonym	Location Name	Fld Matrix Code	Fld Qc Type Code	Fld Prep Code	Lab Sample Type Code	Sample Id												
E244	Twomile above Pajarito	WT		UF	CS	GU04070E24401						<	0.00172				0.00412	
E244	Twomile above Pajarito	WT		UF	CS	GU04080E24401												
E245	Pajarito above TA-18	WM		F	CS	GF04040M24501	31.3											
E245	Pajarito above TA-18	WM		UF	CS	GU04040M24501	39											
E245	Pajarito above TA-18	WT		F	CS	GF04070E24501												
E245	Pajarito above TA-18	WT		F	CS	GF04100E24501												
E245	Pajarito above TA-18	WT		F	DUP	GF04070E24501												
E245	Pajarito above TA-18	WT		UF	CS	GU04070E24501												
E245	Pajarito above TA-18	WT		UF	CS	GU04100E24501												
E245	Pajarito above TA-18	WT		UF	DUP	GU04070E24501												
E245	Pajarito above TA-18	WT		UF	DUP	GU04100E24501												
E245.5	Pajarito above Threemile	WM		F	CS	GF0404M245501	29.4											
E245.5	Pajarito above Threemile	WM		UF	CS	GU0404M245501	36.6											
E245.5	Pajarito above Threemile	WT		F	CS	GF0407E245501												
E245.5	Pajarito above Threemile	WT		F	CS	GF0408E245501												
E245.5	Pajarito above Threemile	WT		F	CS	GF0410E245501												
E245.5	Pajarito above Threemile	WT		UF	CS	GU0407E245501												
E245.5	Pajarito above Threemile	WT		UF	CS	GU0408E245501												
E245.5	Pajarito above Threemile	WT		UF	CS	GU0410E245501												
E245.5	Pajarito above Threemile	WT		UF	DUP	GU0408E245501												
E246	Threemile above Pajarito	WT		F	CS	GF04070E24601												
E246	Threemile above Pajarito	WT		F	CS	GF04080E24601												
E246	Threemile above Pajarito	WT		F	DUP	GF04080E24601												
E246	Threemile above Pajarito	WT		UF	CS	GU04070E24601												
E246	Threemile above Pajarito	WT		UF	CS	GU04080E24601						<	0.00172				0.00224	
E247	MDA G-1	WT		F	CS	GF04080E24701												
E247	MDA G-1	WT		F	CS	GF04100E24701												
E247	MDA G-1	WT		F	CS	GF04100E24702												
E247	MDA G-1	WT		F	DUP	GF04100E24702												
E247	MDA G-1	WT		UF	CS	GU04080E24701												
E247	MDA G-1	WT		UF	CS	GU04100E24701												
E247	MDA G-1	WT		UF	CS	GU04100E24702												
E247	MDA G-1	WT		UF	DUP	GU04100E24701												
E247	MDA G-1	WT		UF	DUP	GU04100E24702												
E248.5	MDA G-6U	WT		F	CS	GF0407E248501												
E248.5	MDA G-6U	WT		F	CS	GF0409E248501												
E248.5	MDA G-6U	WT		F	CS	GF0410E248501												

						Anyl Meth Code	00.7	EPA:200.8		EPA:314.0		EPA:335.1		EPA:335.3		EPA:335.3		EPA:3
						Analyte		Mg		ClO4		CN (amen)		CN (amen)		CN(TOTAL)		NH3-N
						Std Uom		mg/L		ug/L		mg/L		mg/L		mg/L		mg/L
							Result	Sym	Result	Sym	Result	Sym	Result	Sym	Result	Sym	Result	Sym
Location Synonym	Location Name	Fld Matrix Code	Fld Qc Type Code	Fld Prep Code	Lab Sample Type Code	Sample Id												
E248.5	MDA G-6U	WT		F	DUP	GF0409E248501												
E248.5	MDA G-6U	WT		UF	CS	GU0404E248502	68											
E248.5	MDA G-6U	WT		UF	CS	GU0407E248501						<	0.00172			<	0.00172	
E248.5	MDA G-6U	WT		UF	CS	GU0409E248501						<	0.00172				0.00505	
E248.5	MDA G-6U	WT		UF	CS	GU0410E248501						<	0.00172			<	0.00172	
E248.5	MDA G-6U	WT		UF	DUP	GU0409E248501												
E248.5	MDA G-6U	WT				FN0408E248501												
E249	MDA G-4	WT		F	CS	GF04080E24901												
E249	MDA G-4	WT		UF	CS	GU04080E24901						<	0.00172			<	0.00172	
E249	MDA G-4	WT				FN04080E24901												
E250	Pajarito above SR-4	WT		F	CS	GF04040E25001	22.8											
E250	Pajarito above SR-4	WT		UF	CS	GU04040E25001	38.4											
E250	Pajarito above SR-4	WT		UF	CS	GU04040E25002											0.00428	
E252.5	Water above S Site Canyon	WM		F	CS	GF04040M26001	37.6											
E252.5	Water above S Site Canyon	WM		UF	CS	GU04040M26001	36.9											
E252.5	Water above S Site Canyon	WT		F	CS	GF04080E26001												
E252.5	Water above S Site Canyon	WT		UF	CS	GU04080E26001						<	0.00172				0.00406	
E252.8	S Site Canyon above Water	WT		F	CS	GF04080E26101												
E252.8	S Site Canyon above Water	WT		UF	CS	GU04080E26101						<	0.00172				0.00707	
E256	Canon de Valle below MDA P	WT		F	CS	GF04070E25601												
E256	Canon de Valle below MDA P	WT		F	CS	GF04080E25601												
E256	Canon de Valle below MDA P	WT		F	CS	GF04080E25602												
E256	Canon de Valle below MDA P	WT		UF	CS	GU04070E25601						<	0.00172			<	0.00172	
E256	Canon de Valle below MDA P	WT		UF	CS	GU04080E25601						<	0.00172			<	0.00172	
E256	Canon de Valle below MDA P	WT		UF	CS	GU04080E25602						<	0.00172			<	0.00172	
E256	Canon de Valle below MDA P	WT		UF	DUP	GU04080E25602												
E257	Canon de Valle tributary at Burn Grounds	WT		F	CS	GF04040E25701	21.2											
E257	Canon de Valle tributary at Burn Grounds	WT		F	CS	GF04070E25701												

						Anyl Meth Code	00.7	EPA:200.8		EPA:314.0		EPA:335.1		EPA:335.3		EPA:335.3		EPA:3
						Analyte		Mg		ClO4		CN (amen)		CN (amen)		CN(TOTAL)		NH3-N
						Std Uom		mg/L		ug/L		mg/L		mg/L		mg/L		mg/L
							Result	Sym	Result	Sym	Result	Sym	Result	Sym	Result	Sym	Result	Sym
Location Synonym	Location Name	Fld Matrix Code	Fld Qc Type Code	Fld Prep Code	Lab Sample Type Code	Sample Id												
E257	Canon de Valle tributary at Burn Grounds	WT		F	CS	GF04070E25702												
E257	Canon de Valle tributary at Burn Grounds	WT		F	CS	GF04080E25701												
E257	Canon de Valle tributary at Burn Grounds	WT		UF	CS	GU04040E25701	38		3.11								0.00276	
E257	Canon de Valle tributary at Burn Grounds	WT		UF	CS	GU04070E25701						<	0.00172			<	0.00172	
E257	Canon de Valle tributary at Burn Grounds	WT		UF	CS	GU04070E25702						<	0.00172			<	0.00172	
E257	Canon de Valle tributary at Burn Grounds	WT		UF	CS	GU04080E25701						<	0.00172			<	0.00199	
E262	Canon de Valle above Water	WT		F	CS	GF04080E26201												
E262	Canon de Valle above Water	WT		UF	CS	GU04080E26201						<	0.00172				0.00529	
E262.5	Water below MDA AB	WM		F	CS	GF0404M262501	38.2											
E262.5	Water below MDA AB	WM		UF	CS	GU0404M262501	36.9											
E262.5	Water below MDA AB	WT		F	CS	GF0408E262501												
E262.5	Water below MDA AB	WT		F	CS	GF0410E262501												
E262.5	Water below MDA AB	WT		UF	CS	GU0408E262501												
E262.5	Water below MDA AB	WT		UF	CS	GU0410E262501						<	0.00227			<	0.00241	
E262.5	Water below MDA AB	WT		UF	DUP	GU0408E262501												
E263	Water at SR-4	WT		F	CS	GF04080E26301												
E263	Water at SR-4	WT		F	CS	GF04080E26302												
E263	Water at SR-4	WT		F	DUP	GF04080E26302												
E263	Water at SR-4	WT		UF	CS	GU04080E26301												
E263	Water at SR-4	WT		UF	CS	GU04080E26302												
E263	Water at SR-4	WT		UF	DUP	GU04080E26302												
E265	Water below SR-4	WT	EQB	F	CS	GF04080E26501												
E265	Water below SR-4	WT	EQB	UF	CS	GU04080E26501												
E265	Water below SR-4	WT	EQB	UF	DUP	GU04080E26501												
E265	Water below SR-4	WT		F	CS	GF04050E26501	0.0122											
E265	Water below SR-4	WT		F	CS	GF04080E26502												
E265	Water below SR-4	WT		F	CS	GF04080E26503												
E265	Water below SR-4	WT		UF	CS	GU04050E26501	0.042											
E265	Water below SR-4	WT		UF	CS	GU04080E26502												
E265	Water below SR-4	WT		UF	CS	GU04080E26503												

						Anyl Meth Code	50.1	EPA:353.1		EPA:410.4		GENERIC FIELD CONDUCTIVITY		GENERIC FIELD PH		GENERIC FIELD TEMP		SW-846:8321A(M)		SW-84
						Analyte	I	NO3+NO2-N		COD		SPEC_CONDC		pH		TEMP		ClO4		CN(TC
						Std Uom		mg/L		mg/L		uS/cm				C		ug/L		mg/L
							Result	Sym	Result	Sym	Result	Sym	Result	Sym	Result	Sym	Result	Sym	Result	Sym
Location Synonym	Location Name	Fld Matrix Code	Fld Qc Type Code	Fld Prep Code	Lab Sample Type Code	Sample Id														
E026	Los Alamos below Ice Rink	WM		F	CS	GF04040M02601														
E026	Los Alamos below Ice Rink	WM		F	DUP	GF04040M02601														
E026	Los Alamos below Ice Rink	WM		UF	CS	GU04040M02601														
E026	Los Alamos below Ice Rink	WM		UF	DUP	GU04040M02601														
E026	Los Alamos below Ice Rink	WT	EQB	F	CS	GF04080E02601														
E026	Los Alamos below Ice Rink	WT	EQB	UF	CS	GU04080E02601														
E026	Los Alamos below Ice Rink	WT		F	CS	GF04050E02601														
E026	Los Alamos below Ice Rink	WT		F	DUP	GF04050E02601														
E026	Los Alamos below Ice Rink	WT		UF	CS	GU04050E02601														
E026	Los Alamos below Ice Rink	WT		UF	DUP	GU04050E02601														
E030	Los Alamos above DP Canyon	WT		F	CS	GF04070E03001														
E030	Los Alamos above DP Canyon	WT		F	CS	GF04080E03001														
E030	Los Alamos above DP Canyon	WT		F	CS	GF04080E03002														
E030	Los Alamos above DP Canyon	WT		F	CS	GF04090E03001														
E030	Los Alamos above DP Canyon	WT		UF	CS	GU04040E03002														
E030	Los Alamos above DP Canyon	WT		UF	CS	GU04070E03001	0.282				779									
E030	Los Alamos above DP Canyon	WT		UF	CS	GU04070E03002	0.218				347									
E030	Los Alamos above DP Canyon	WT		UF	CS	GU04080E03001	0.41				728									
E030	Los Alamos above DP Canyon	WT		UF	CS	GU04080E03002	0.583				492									
E030	Los Alamos above DP Canyon	WT		UF	CS	GU04090E03001														
E038	DP above TA-21	WT	FD	F	CS	GF04070E03890														
E038	DP above TA-21	WT	FD	UF	CS	GU04070E03890	0.0159				229									
E038	DP above TA-21	WT		F	CS	GF04060E03801														
E038	DP above TA-21	WT		F	CS	GF04070E03801														
E038	DP above TA-21	WT		F	CS	GF04070E03802														
E038	DP above TA-21	WT		F	CS	GF04070E03803														
E038	DP above TA-21	WT		F	DUP	GF04060E03801														

						Anyl Meth Code	50.1	EPA:353.1		EPA:410.4		GENERIC FIELD CONDUCTIVITY		GENERIC FIELD PH		GENERIC FIELD TEMP		SW-846:8321A(M)		SW-84
						Analyte	I	NO3+NO2-N		COD		SPEC_CONDC		pH		TEMP		ClO4		CN(TC
						Std Uom		mg/L		mg/L		uS/cm				C		ug/L		mg/L
							Result	Sym	Result	Sym	Result	Sym	Result	Sym	Result	Sym	Result	Sym	Result	Sym
Location Synonym	Location Name	Fld Matrix Code	Fld Qc Type Code	Fld Prep Code	Lab Sample Type Code	Sample Id														
E038	DP above TA-21	WT		F	DUP	GF04070E03803														
E038	DP above TA-21	WT		UF	CS	GU04060E03801	1.52				461									
E038	DP above TA-21	WT		UF	CS	GU04070E03801	0.0159				251									
E038	DP above TA-21	WT		UF	CS	GU04070E03803	0.222				233									
E038	DP above TA-21	WT		UF	CS	GU04070E03804	0.141				208									
E038	DP above TA-21	WT		UF	DUP	GU04060E03801														
E038	DP above TA-21	WT		UF	DUP	GU04070E03804					204									
E039	DP below Meadow at TA-21	WT	EQB	F	CS	GF04070E03904														
E039	DP below Meadow at TA-21	WT	EQB	F	DUP	GF04070E03904														
E039	DP below Meadow at TA-21	WT	EQB	UF	CS	GU04070E03904	0.155			<	4.88									
E039	DP below Meadow at TA-21	WT		F	CS	GF04050E03901														
E039	DP below Meadow at TA-21	WT		F	CS	GF04070E03901														
E039	DP below Meadow at TA-21	WT		F	CS	GF04070E03902														
E039	DP below Meadow at TA-21	WT		F	CS	GF04070E03903														
E039	DP below Meadow at TA-21	WT		UF	CS	GU04050E03901	0.028			<	4.88									
E039	DP below Meadow at TA-21	WT		UF	CS	GU04070E03901	0.0159				211									
E039	DP below Meadow at TA-21	WT		UF	CS	GU04070E03902	0.156				202									
E039	DP below Meadow at TA-21	WT		UF	CS	GU04070E03903	0.137				176									
E039	DP below Meadow at TA-21	WT		UF	DUP	GU04070E03901														
E040	DP above Los Alamos Canyon	WT		F	CS	GF04070E04001														
E040	DP above Los Alamos Canyon	WT		F	CS	GF04070E04002														
E040	DP above Los Alamos Canyon	WT		F	CS	GF04080E04001														
E040	DP above Los Alamos Canyon	WT		F	CS	GF04080E04002														
E040	DP above Los Alamos Canyon	WT		F	DUP	GF04070E04001														
E040	DP above Los Alamos Canyon	WT		F	DUP	GF04080E04001														
E040	DP above Los Alamos Canyon	WT		UF	CS	GU04070E04001														
E040	DP above Los Alamos Canyon	WT		UF	CS	GU04070E04002														
E040	DP above Los Alamos Canyon	WT		UF	CS	GU04080E04001														

						Anyl Meth Code	50.1	EPA:353.1		EPA:410.4		GENERIC FIELD CONDUCTIVITY		GENERIC FIELD PH		GENERIC FIELD TEMP		SW-846:8321A(M)		SW-84
						Analyte	I	NO3+NO2-N		COD		SPEC_CONDC		pH		TEMP		ClO4		CN(TC
						Std Uom		mg/L		mg/L		uS/cm				C		ug/L		mg/L
							Result	Sym	Result	Sym	Result	Sym	Result	Sym	Result	Sym	Result	Sym	Result	Sym
Location Synonym	Location Name	Fld Matrix Code	Fld Qc Type Code	Fld Prep Code	Lab Sample Type Code	Sample Id														
E040	DP above Los Alamos Canyon	WT		UF	CS	GU04080E04002														
E040	DP above Los Alamos Canyon	WT		UF	DUP	GU04070E04001														
E040	DP above Los Alamos Canyon	WT		UF	DUP	GU04080E04002														
E042	Los Alamos above SR-4	WT		F	CS	GF04070E04201														
E042	Los Alamos above SR-4	WT		F	CS	GF04080E04201														
E042	Los Alamos above SR-4	WT		F	CS	GF04100E04201														
E042	Los Alamos above SR-4	WT		F	CS	GF04100E04202														
E042	Los Alamos above SR-4	WT		UF	CS	GU04040E04202														
E042	Los Alamos above SR-4	WT		UF	CS	GU04070E04201	0.461				577									
E042	Los Alamos above SR-4	WT		UF	CS	GU04080E04201	0.462				74.4									
E042	Los Alamos above SR-4	WT		UF	CS	GU04100E04201	0.599				457									
E042	Los Alamos above SR-4	WT		UF	CS	GU04100E04202	0.13				180									
E042	Los Alamos above SR-4	WT		UF	DUP	GU04070E04201														
E042	Los Alamos above SR-4	WT		UF	DUP	GU04080E04201														
E042	Los Alamos above SR-4	WT		UF	DUP	GU04100E04201	0.599													
E050	Los Alamos below LA Weir	WM		F	CS	GF04040M05001														
E050	Los Alamos below LA Weir	WM		UF	CS	GU04040M05001														
E050	Los Alamos below LA Weir	WM		UF	DUP	GU04040M05001														
E055	Pueblo above Acid	WT		F	CS	GF04070E05501														
E055	Pueblo above Acid	WT		F	CS	GF04080E05501														
E055	Pueblo above Acid	WT		F	CS	GF04080E05502														
E055	Pueblo above Acid	WT		F	CS	GF04090E05501														
E055	Pueblo above Acid	WT		F	DUP	GF04070E05501														
E055	Pueblo above Acid	WT		F	DUP	GF04090E05501														
E055	Pueblo above Acid	WT		UF	CS	GU04070E05501	0.357				792									
E055	Pueblo above Acid	WT		UF	CS	GU04080E05501	0.363				1490									
E055	Pueblo above Acid	WT		UF	CS	GU04080E05502	0.174				379									
E055	Pueblo above Acid	WT		UF	CS	GU04090E05501	0.263				369									
E055	Pueblo above Acid	WT		UF	DUP	GU04070E05501	0.368													
E055	Pueblo above Acid	WT		UF	DUP	GU04090E05501					359									
E0555	South Fork of Acid Canyon	WT		F	CS	GF0409E055501														
E0555	South Fork of Acid Canyon	WT		F	DUP	GF0409E055501														
E0555	South Fork of Acid Canyon	WT		UF	CS	GU0409E055501	0.138				161									
E0555	South Fork of Acid Canyon	WT		UF	DUP	GU0409E055501					154									

						Anyl Meth Code	50.1	EPA:353.1		EPA:410.4		GENERIC FIELD CONDUCTIVITY		GENERIC FIELD PH		GENERIC FIELD TEMP		SW-846:8321A(M)		SW-84
						Analyte	I	NO3+NO2-N		COD		SPEC_CONDC		pH		TEMP		ClO4		CN(TC
						Std Uom		mg/L		mg/L		uS/cm				C		ug/L		mg/L
							Result	Sym	Result	Sym	Result	Sym	Result	Sym	Result	Sym	Result	Sym	Result	Sym
Location Synonym	Location Name	Fld Matrix Code	Fld Qc Type Code	Fld Prep Code	Lab Sample Type Code	Sample Id														
E060	Pueblo above SR-502	WT	EQB	F	CS	GF04080E06001														
E060	Pueblo above SR-502	WT	EQB	F	DUP	GF04080E06001														
E060	Pueblo above SR-502	WT	EQB	UF	CS	GU04080E06001	0.144			<	4.88									
E060	Pueblo above SR-502	WT	EQB	UF	DUP	GU04080E06001														
E060	Pueblo above SR-502	WT		F	CS	GF04050E06001														
E060	Pueblo above SR-502	WT		F	CS	GF04070E06001														
E060	Pueblo above SR-502	WT		F	CS	GF04070E06002														
E060	Pueblo above SR-502	WT		F	CS	GF04080E06002														
E060	Pueblo above SR-502	WT		F	DUP	GF04050E06001														
E060	Pueblo above SR-502	WT		F	DUP	GF04070E06001														
E060	Pueblo above SR-502	WT		UF	CS	GU04050E06001	0.0159			<	4.87									
E060	Pueblo above SR-502	WT		UF	CS	GU04070E06001	4.62				187									
E060	Pueblo above SR-502	WT		UF	CS	GU04070E06002	4.78				294									
E060	Pueblo above SR-502	WT		UF	CS	GU04080E06002	7.23				268									
E060	Pueblo above SR-502	WT		UF	DUP	GU04050E06001					3.79									
E060	Pueblo above SR-502	WT		UF	DUP	GU04070E06001					179									
E121	Sandia right fork at Power Plant	WT		F	CS	GF04070E12101														
E121	Sandia right fork at Power Plant	WT		F	CS	GF04080E12101														
E121	Sandia right fork at Power Plant	WT		F	CS	GF04080E12102														
E121	Sandia right fork at Power Plant	WT		F	CS	GF04090E12101														
E121	Sandia right fork at Power Plant	WT		F	DUP	GF04080E12101														
E121	Sandia right fork at Power Plant	WT		F	DUP	GF04080E12102														
E121	Sandia right fork at Power Plant	WT		F	DUP	GF04090E12101														
E121	Sandia right fork at Power Plant	WT		UF	CS	GU04020E12101	0.06				36.8									
E121	Sandia right fork at Power Plant	WT		UF	CS	GU04070E12101	0.176				77.7									
E121	Sandia right fork at Power Plant	WT		UF	CS	GU04080E12101														

						Anyl Meth Code	50.1	EPA:353.1		EPA:410.4		GENERIC FIELD CONDUCTIVITY		GENERIC FIELD PH		GENERIC FIELD TEMP		SW-846:8321A(M)		SW-84
						Analyte	I	NO3+NO2-N		COD		SPEC_CONDC		pH		TEMP		ClO4		CN(TC
						Std Uom		mg/L		mg/L		uS/cm				C		ug/L		mg/L
							Result	Sym	Result	Sym	Result	Sym	Result	Sym	Result	Sym	Result	Sym	Result	Sym
Location Synonym	Location Name	Fld Matrix Code	Fld Qc Type Code	Fld Prep Code	Lab Sample Type Code	Sample Id														
E121	Sandia right fork at Power Plant	WT		UF	CS	GU04080E12102	0.269			<	41.6									
E121	Sandia right fork at Power Plant	WT		UF	CS	GU04090E12101														
E121	Sandia right fork at Power Plant	WT		UF	DUP	GU04080E12101														
E121	Sandia right fork at Power Plant	WT		UF	DUP	GU04080E12102														
E121	Sandia right fork at Power Plant	WT		UF	DUP	GU04090E12101														
E122	Sandia left fork at Asphalt Plant	WT		F	CS	GF04040E12201														
E122	Sandia left fork at Asphalt Plant	WT		F	CS	GF04070E12201														
E122	Sandia left fork at Asphalt Plant	WT		F	CS	GF04080E12201														
E122	Sandia left fork at Asphalt Plant	WT		F	CS	GF04080E12202														
E122	Sandia left fork at Asphalt Plant	WT		F	DUP	GF04040E12201														
E122	Sandia left fork at Asphalt Plant	WT		UF	CS	GU04020E12201	0.06		0.22		83.1									
E122	Sandia left fork at Asphalt Plant	WT		UF	CS	GU04040E12201	0.292				170									
E122	Sandia left fork at Asphalt Plant	WT		UF	CS	GU04040E12202														
E122	Sandia left fork at Asphalt Plant	WT		UF	CS	GU04070E12201	0.263		0.32		75.6									
E122	Sandia left fork at Asphalt Plant	WT		UF	CS	GU04080E12201	0.212		0.56		117									
E122	Sandia left fork at Asphalt Plant	WT		UF	CS	GU04080E12202	0.278		0.27		69.9									
E122	Sandia left fork at Asphalt Plant	WT		UF	CS	GU04090E12201	0.114		0.37		46.4									
E123	Sandia below Wetlands	WT		F	CS	GF04070E12301														
E123	Sandia below Wetlands	WT		F	CS	GF04070E12302														
E123	Sandia below Wetlands	WT		F	CS	GF04070E12303														

						Anyl Meth Code	50.1	EPA:353.1		EPA:410.4		GENERIC FIELD CONDUCTIVITY		GENERIC FIELD PH		GENERIC FIELD TEMP		SW-846:8321A(M)		SW-84
						Analyte	I	NO3+NO2-N		COD		SPEC_CONDC		pH		TEMP		ClO4		CN(TC
						Std Uom		mg/L		mg/L		uS/cm				C		ug/L		mg/L
							Result	Sym	Result	Sym	Result	Sym	Result	Sym	Result	Sym	Result	Sym	Result	Sym
Location Synonym	Location Name	Fld Matrix Code	Fld Qc Type Code	Fld Prep Code	Lab Sample Type Code	Sample Id														
E123	Sandia below Wetlands	WT		F	CS	GF04080E12301														
E123	Sandia below Wetlands	WT		F	DUP	GF04070E12301														
E123	Sandia below Wetlands	WT		UF	CS	GU04070E12301														
E123	Sandia below Wetlands	WT		UF	CS	GU04070E12302														
E123	Sandia below Wetlands	WT		UF	CS	GU04070E12303														
E123	Sandia below Wetlands	WT		UF	CS	GU04080E12301														
E123	Sandia below Wetlands	WT		UF	DUP	GU04070E12301														
E124	Sandia above Firing Range	WT		F	CS	GF04080E12401														
E124	Sandia above Firing Range	WT		F	CS	GF04080E12402														
E124	Sandia above Firing Range	WT		F	CS	GF04100E12401														
E124	Sandia above Firing Range	WT		F	DUP	GF04100E12401														
E124	Sandia above Firing Range	WT		UF	CS	GU04080E12402	0.224				449									
E124	Sandia above Firing Range	WT		UF	CS	GU04080E12403	0.179				403									
E124	Sandia above Firing Range	WT		UF	CS	GU04100E12401	0.05				8.89									
E200	Mortandad below Effluent Canyon	WT		F	CS	GF04070E20001														
E200	Mortandad below Effluent Canyon	WT		F	CS	GF04080E20001														
E200	Mortandad below Effluent Canyon	WT		F	CS	GF04080E20002														
E200	Mortandad below Effluent Canyon	WT		F	CS	GF04080E20003														
E200	Mortandad below Effluent Canyon	WT		F	DUP	GF04080E20002														
E200	Mortandad below Effluent Canyon	WT		UF	CS	GU04070E20001	0.066				65.4								0.431	
E200	Mortandad below Effluent Canyon	WT		UF	CS	GU04080E20001	0.144				245								0.304	
E200	Mortandad below Effluent Canyon	WT		UF	CS	GU04080E20002	0.103				243								0.583	
E200	Mortandad below Effluent Canyon	WT		UF	CS	GU04080E20003	0.08				22								0.202	
E200	Mortandad below Effluent Canyon	WT		UF	DUP	GU04070E20001														
E200	Mortandad below Effluent Canyon	WT		UF	DUP	GU04080E20001					247									

						Anyl Meth Code	50.1	EPA:353.1		EPA:410.4		GENERIC FIELD CONDUCTIVITY		GENERIC FIELD PH		GENERIC FIELD TEMP		SW-846:8321A(M)		SW-84
						Analyte	I	NO3+NO2-N		COD		SPEC_CONDC		pH		TEMP		ClO4		CN(TC
						Std Uom		mg/L		mg/L		uS/cm				C		ug/L		mg/L
							Result	Sym	Result	Sym	Result	Sym	Result	Sym	Result	Sym	Result	Sym	Result	Sym
Location Synonym	Location Name	Fld Matrix Code	Fld Qc Type Code	Fld Prep Code	Lab Sample Type Code	Sample Id														
E200	Mortandad below Effluent Canyon	WT		UF	DUP	GU04080E20003														
E201.3	Ten Site below MDA C	WT		F	CS	GF0404E201301														
E201.3	Ten Site below MDA C	WT		F	CS	GF0407E201301														
E201.3	Ten Site below MDA C	WT		F	CS	GF0410E201301														
E201.3	Ten Site below MDA C	WT		F	DUP	GF0404E201301														
E201.3	Ten Site below MDA C	WT		F	DUP	GF0410E201301														
E201.3	Ten Site below MDA C	WT		UF	CS	GU0404E201302														
E201.3	Ten Site below MDA C	WT		UF	CS	GU0404E201303	0.289			<	24.1									
E201.3	Ten Site below MDA C	WT		UF	CS	GU0407E201301	0.176				171									
E201.3	Ten Site below MDA C	WT		UF	CS	GU0410E201301														
E201.3	Ten Site below MDA C	WT		UF	DUP	GU0404E201303					16.4									
E201.3	Ten Site below MDA C	WT		UF	DUP	GU0410E201301														
E201.5	Ten Site above Mortandad	WT		F	CS	GF0408E201501														
E201.5	Ten Site above Mortandad	WT		F	DUP	GF0408E201501														
E201.5	Ten Site above Mortandad	WT		UF	CS	GU0408E201501	0.281				242									
E201.5	Ten Site above Mortandad	WT		UF	DUP	GU0408E201501					232									
E218	Canada del Buey near TA-46	WT		F	CS	GF04080E21801														
E218	Canada del Buey near TA-46	WT		F	CS	GF04100E21801														
E218	Canada del Buey near TA-46	WT		F	CS	GF04100E21802														
E218	Canada del Buey near TA-46	WT		F	DUP	GF04100E21801														
E218	Canada del Buey near TA-46	WT		F	DUP	GF04100E21802														
E218	Canada del Buey near TA-46	WT		UF	CS	GU04080E21801	0.325				500									
E218	Canada del Buey near TA-46	WT		UF	CS	GU04090E21801	0.036				6.04									
E218	Canada del Buey near TA-46	WT		UF	CS	GU04100E21801	0.044			<	5.9									
E218	Canada del Buey near TA-46	WT		UF	CS	GU04100E21802														
E218	Canada del Buey near TA-46	WT		UF	DUP	GU04080E21801														

						Anyl Meth Code	50.1	EPA:353.1		EPA:410.4		GENERIC FIELD CONDUCTIVITY		GENERIC FIELD PH		GENERIC FIELD TEMP		SW-846:8321A(M)		SW-84
						Analyte	I	NO3+NO2-N		COD		SPEC_CONDC		pH		TEMP		ClO4		CN(TC
						Std Uom		mg/L		mg/L		uS/cm				C		ug/L		mg/L
							Result	Sym	Result	Sym	Result	Sym	Result	Sym	Result	Sym	Result	Sym	Result	Sym
Location Synonym	Location Name	Fld Matrix Code	Fld Qc Type Code	Fld Prep Code	Lab Sample Type Code	Sample Id														
E227	MDA G-13	WT		F	CS	GF04080E22701														
E227	MDA G-13	WT		F	DUP	GF04080E22701														
E227	MDA G-13	WT		UF	CS	GU04080E22701	0.168				160									
E227	MDA G-13	WT		UF	DUP	GU04080E22701					138									
E227	MDA G-13	WT				FN04080E22701							71.1		8.2		13.4			
E230	Canada del Buey above SR-4	WT		F	CS	GF04080E23001														
E230	Canada del Buey above SR-4	WT		F	CS	GF04080E23002														
E230	Canada del Buey above SR-4	WT		F	CS	GF04100E23001														
E230	Canada del Buey above SR-4	WT		F	DUP	GF04080E23001														
E230	Canada del Buey above SR-4	WT		F	DUP	GF04080E23002														
E230	Canada del Buey above SR-4	WT		UF	CS	GU04080E23001														
E230	Canada del Buey above SR-4	WT		UF	CS	GU04080E23002														
E230	Canada del Buey above SR-4	WT		UF	CS	GU04100E23001														
E230	Canada del Buey above SR-4	WT		UF	DUP	GU04080E23001														
E230	Canada del Buey above SR-4	WT		UF	DUP	GU04080E23002														
E240	Pajarito below SR-501	WT	EQB	F	CS	GF04080E24001														
E240	Pajarito below SR-501	WT	EQB	UF	CS	GU04080E24001														
E240	Pajarito below SR-501	WT		F	CS	GF04050E24001														
E240	Pajarito below SR-501	WT		UF	CS	GU04050E24001														
E241	Pajarito above Starmers	WT		F	CS	GF04100E24101														
E241	Pajarito above Starmers	WT		F	DUP	GF04100E24101														
E241	Pajarito above Starmers	WT		UF	CS	GU04100E24101														
E241	Pajarito above Starmers	WT		UF	DUP	GU04100E24101														
E242	Starmers above Pajarito	WT		F	CS	GF04070E24201														
E242	Starmers above Pajarito	WT		F	CS	GF04100E24201														
E242	Starmers above Pajarito	WT		F	DUP	GF04100E24201														
E242	Starmers above Pajarito	WT		UF	CS	GU04070E24201	0.127				86.9									

						Anyl Meth Code	50.1	EPA:353.1		EPA:410.4		GENERIC FIELD CONDUCTIVITY		GENERIC FIELD PH		GENERIC FIELD TEMP		SW-846:8321A(M)		SW-84
						Analyte	I	NO3+NO2-N		COD		SPEC_CONDC		pH		TEMP		ClO4		CN(TC
						Std Uom		mg/L		mg/L		uS/cm				C		ug/L		mg/L
							Result	Sym	Result	Sym	Result	Sym	Result	Sym	Result	Sym	Result	Sym	Result	Sym
Location Synonym	Location Name	Fld Matrix Code	Fld Qc Type Code	Fld Prep Code	Lab Sample Type Code	Sample Id														
E242	Starmers above Pajarito	WT		UF	CS	GU04100E24201	0.301				114									
E242	Starmers above Pajarito	WT		UF	DUP	GU04100E24201	0.299				112									
E242.5	La Delfe above Pajarito	WT		F	CS	GF0407E242501														
E242.5	La Delfe above Pajarito	WT		UF	CS	GU0407E242501	0.284				336									
E243	Pajarito above Twomile	WM		F	CS	GF04040M24301														
E243	Pajarito above Twomile	WM		F	DUP	GF04040M24301														
E243	Pajarito above Twomile	WM		UF	CS	GU04040M24301														
E243	Pajarito above Twomile	WM		UF	DUP	GU04040M24301														
E243.5	Twomile tributary at TA-3	WT	EQB	F	CS	GF0408E243501														
E243.5	Twomile tributary at TA-3	WT	EQB	UF	CS	GU0405E243501	0.03	<	0.01	<	4.88									
E243.5	Twomile tributary at TA-3	WT	EQB	UF	CS	GU0408E243501	0.079	<	0.01		29.7									
E243.5	Twomile tributary at TA-3	WT	EQB	UF	DUP	GU0408E243501		<	0.01											
E243.5	Twomile tributary at TA-3	WT		F	CS	GF0405E243501														
E243.5	Twomile tributary at TA-3	WT		F	CS	GF0406E243501														
E243.5	Twomile tributary at TA-3	WT		F	CS	GF0407E243501														
E243.5	Twomile tributary at TA-3	WT		F	CS	GF0407E243502														
E243.5	Twomile tributary at TA-3	WT		F	CS	GF0407E243503														
E243.5	Twomile tributary at TA-3	WT		F	DUP	GF0407E243501														
E243.5	Twomile tributary at TA-3	WT		F	DUP	GF0407E243503														
E243.5	Twomile tributary at TA-3	WT		UF	CS	GU0402E243501	0.04		0.16	<	10.8									
E243.5	Twomile tributary at TA-3	WT		UF	CS	GU0404E243503														
E243.5	Twomile tributary at TA-3	WT		UF	CS	GU0406E243501														
E243.5	Twomile tributary at TA-3	WT		UF	CS	GU0406E243502	0.201				101									
E243.5	Twomile tributary at TA-3	WT		UF	CS	GU0407E243501	0.635				121									
E243.5	Twomile tributary at TA-3	WT		UF	CS	GU0407E243503	0.0159			<	34.5									
E243.5	Twomile tributary at TA-3	WT		UF	CS	GU0407E243505	0.071		0.59		63.4									
E243.5	Twomile tributary at TA-3	WT		UF	CS	GU0409E243501	0.078	<	0.0259		74.3									
E243.5	Twomile tributary at TA-3	WT		UF	CS	GU0409E243502	0.043		0.0729		55.7									
E243.5	Twomile tributary at TA-3	WT		UF	DUP	GU0404E243503														
E243.5	Twomile tributary at TA-3	WT		UF	DUP	GU0407E243501					125									
E243.5	Twomile tributary at TA-3	WT		UF	DUP	GU0407E243505			0.59											
E243.5	Twomile tributary at TA-3	WT		UF	DUP	GU0409E243501					72									
E243.5	Twomile tributary at TA-3	WT		UF	DUP	GU0409E243502					46.4									
E244	Twomile above Pajarito	WM		F	CS	GF04040M24401														
E244	Twomile above Pajarito	WM		UF	CS	GU04040M24401														
E244	Twomile above Pajarito	WT		F	CS	GF04070E24401														
E244	Twomile above Pajarito	WT		F	CS	GF04080E24401														

						Anyl Meth Code	50.1	EPA:353.1		EPA:410.4		GENERIC FIELD CONDUCTIVITY		GENERIC FIELD PH		GENERIC FIELD TEMP		SW-846:8321A(M)		SW-84
						Analyte	I	NO3+NO2-N		COD		SPEC_CONDC		pH		TEMP		ClO4		CN(TC
						Std Uom		mg/L		mg/L		uS/cm				C		ug/L		mg/L
							Result	Sym	Result	Sym	Result	Sym	Result	Sym	Result	Sym	Result	Sym	Result	Sym
Location Synonym	Location Name	Fld Matrix Code	Fld Qc Type Code	Fld Prep Code	Lab Sample Type Code	Sample Id														
E244	Twomile above Pajarito	WT		UF	CS	GU04070E24401	0.943				1170									
E244	Twomile above Pajarito	WT		UF	CS	GU04080E24401	0.722				1570									
E245	Pajarito above TA-18	WM		F	CS	GF04040M24501														
E245	Pajarito above TA-18	WM		UF	CS	GU04040M24501														
E245	Pajarito above TA-18	WT		F	CS	GF04070E24501														
E245	Pajarito above TA-18	WT		F	CS	GF04100E24501														
E245	Pajarito above TA-18	WT		F	DUP	GF04070E24501														
E245	Pajarito above TA-18	WT		UF	CS	GU04070E24501														
E245	Pajarito above TA-18	WT		UF	CS	GU04100E24501														
E245	Pajarito above TA-18	WT		UF	DUP	GU04070E24501														
E245	Pajarito above TA-18	WT		UF	DUP	GU04100E24501														
E245.5	Pajarito above Threemile	WM		F	CS	GF0404M245501														
E245.5	Pajarito above Threemile	WM		UF	CS	GU0404M245501														
E245.5	Pajarito above Threemile	WT		F	CS	GF0407E245501														
E245.5	Pajarito above Threemile	WT		F	CS	GF0408E245501														
E245.5	Pajarito above Threemile	WT		F	CS	GF0410E245501														
E245.5	Pajarito above Threemile	WT		UF	CS	GU0407E245501														
E245.5	Pajarito above Threemile	WT		UF	CS	GU0408E245501														
E245.5	Pajarito above Threemile	WT		UF	CS	GU0410E245501														
E245.5	Pajarito above Threemile	WT		UF	DUP	GU0408E245501														
E246	Threemile above Pajarito	WT		F	CS	GF04070E24601														
E246	Threemile above Pajarito	WT		F	CS	GF04080E24601														
E246	Threemile above Pajarito	WT		F	DUP	GF04080E24601														
E246	Threemile above Pajarito	WT		UF	CS	GU04070E24601	0.989				694									
E246	Threemile above Pajarito	WT		UF	CS	GU04080E24601	0.327				45.9									
E247	MDA G-1	WT		F	CS	GF04080E24701														
E247	MDA G-1	WT		F	CS	GF04100E24701														
E247	MDA G-1	WT		F	CS	GF04100E24702														
E247	MDA G-1	WT		F	DUP	GF04100E24702														
E247	MDA G-1	WT		UF	CS	GU04080E24701														
E247	MDA G-1	WT		UF	CS	GU04100E24701														
E247	MDA G-1	WT		UF	CS	GU04100E24702														
E247	MDA G-1	WT		UF	DUP	GU04100E24701														
E247	MDA G-1	WT		UF	DUP	GU04100E24702														
E248.5	MDA G-6U	WT		F	CS	GF0407E248501														
E248.5	MDA G-6U	WT		F	CS	GF0409E248501														
E248.5	MDA G-6U	WT		F	CS	GF0410E248501														

						Anyl Meth Code	50.1	EPA:353.1		EPA:410.4		GENERIC FIELD CONDUCTIVITY		GENERIC FIELD PH		GENERIC FIELD TEMP		SW-846:8321A(M)		SW-84
						Analyte	I	NO3+NO2-N		COD		SPEC_CONDC		pH		TEMP		ClO4		CN(TC
						Std Uom		mg/L		mg/L		uS/cm				C		ug/L		mg/L
							Result	Sym	Result	Sym	Result	Sym	Result	Sym	Result	Sym	Result	Sym	Result	Sym
Location Synonym	Location Name	Fld Matrix Code	Fld Qc Type Code	Fld Prep Code	Lab Sample Type Code	Sample Id														
E248.5	MDA G-6U	WT		F	DUP	GF0409E248501														
E248.5	MDA G-6U	WT		UF	CS	GU0404E248502														
E248.5	MDA G-6U	WT		UF	CS	GU0407E248501	0.058				89.4									
E248.5	MDA G-6U	WT		UF	CS	GU0409E248501	0.078			<	75.7									
E248.5	MDA G-6U	WT		UF	CS	GU0410E248501														
E248.5	MDA G-6U	WT		UF	DUP	GU0409E248501	0.07				82									
E248.5	MDA G-6U	WT				FN0408E248501							60.6		7.92		13.9			
E249	MDA G-4	WT		F	CS	GF04080E24901														
E249	MDA G-4	WT		UF	CS	GU04080E24901	0.392				387									
E249	MDA G-4	WT				FN04080E24901							33.5		6.65		18.4			
E250	Pajarito above SR-4	WT		F	CS	GF04040E25001														
E250	Pajarito above SR-4	WT		UF	CS	GU04040E25001	0.245				66.4									
E250	Pajarito above SR-4	WT		UF	CS	GU04040E25002														
E252.5	Water above S Site Canyon	WM		F	CS	GF04040M26001														
E252.5	Water above S Site Canyon	WM		UF	CS	GU04040M26001														
E252.5	Water above S Site Canyon	WT		F	CS	GF04080E26001														
E252.5	Water above S Site Canyon	WT		UF	CS	GU04080E26001	0.356				464									
E252.8	S Site Canyon above Water	WT		F	CS	GF04080E26101														
E252.8	S Site Canyon above Water	WT		UF	CS	GU04080E26101	0.567				921									
E256	Canon de Valle below MDA P	WT		F	CS	GF04070E25601														
E256	Canon de Valle below MDA P	WT		F	CS	GF04080E25601														
E256	Canon de Valle below MDA P	WT		F	CS	GF04080E25602														
E256	Canon de Valle below MDA P	WT		UF	CS	GU04070E25601	0.202				182									
E256	Canon de Valle below MDA P	WT		UF	CS	GU04080E25601	0.185				606									
E256	Canon de Valle below MDA P	WT		UF	CS	GU04080E25602	0.145				262									
E256	Canon de Valle below MDA P	WT		UF	DUP	GU04080E25602					271									
E257	Canon de Valle tributary at Burn Grounds	WT		F	CS	GF04040E25701														
E257	Canon de Valle tributary at Burn Grounds	WT		F	CS	GF04070E25701														

						Anyl Meth Code	50.1	EPA:353.1		EPA:410.4		GENERIC FIELD CONDUCTIVITY		GENERIC FIELD PH		GENERIC FIELD TEMP		SW-846:8321A(M)		SW-84
						Analyte	I	NO3+NO2-N		COD		SPEC_CONDC		pH		TEMP		ClO4		CN(TC
						Std Uom		mg/L		mg/L		uS/cm				C		ug/L		mg/L
							Result	Sym	Result	Sym	Result	Sym	Result	Sym	Result	Sym	Result	Sym	Result	Sym
Location Synonym	Location Name	Fld Matrix Code	Fld Qc Type Code	Fld Prep Code	Lab Sample Type Code	Sample Id														
E257	Canon de Valle tributary at Burn Grounds	WT		F	CS	GF04070E25702														
E257	Canon de Valle tributary at Burn Grounds	WT		F	CS	GF04080E25701														
E257	Canon de Valle tributary at Burn Grounds	WT		UF	CS	GU04040E25701	0.211				62.6									
E257	Canon de Valle tributary at Burn Grounds	WT		UF	CS	GU04070E25701	0.213				56.1									
E257	Canon de Valle tributary at Burn Grounds	WT		UF	CS	GU04070E25702	0.181				186									
E257	Canon de Valle tributary at Burn Grounds	WT		UF	CS	GU04080E25701	0.205				79.3									
E262	Canon de Valle above Water	WT		F	CS	GF04080E26201														
E262	Canon de Valle above Water	WT		UF	CS	GU04080E26201	0.283				547									
E262.5	Water below MDA AB	WM		F	CS	GF0404M262501														
E262.5	Water below MDA AB	WM		UF	CS	GU0404M262501														
E262.5	Water below MDA AB	WT		F	CS	GF0408E262501														
E262.5	Water below MDA AB	WT		F	CS	GF0410E262501														
E262.5	Water below MDA AB	WT		UF	CS	GU0408E262501	0.437				944									
E262.5	Water below MDA AB	WT		UF	CS	GU0410E262501	0.335				288									
E262.5	Water below MDA AB	WT		UF	DUP	GU0408E262501	0.471													
E263	Water at SR-4	WT		F	CS	GF04080E26301														
E263	Water at SR-4	WT		F	CS	GF04080E26302														
E263	Water at SR-4	WT		F	DUP	GF04080E26302														
E263	Water at SR-4	WT		UF	CS	GU04080E26301														
E263	Water at SR-4	WT		UF	CS	GU04080E26302														
E263	Water at SR-4	WT		UF	DUP	GU04080E26302														
E265	Water below SR-4	WT	EQB	F	CS	GF04080E26501														
E265	Water below SR-4	WT	EQB	UF	CS	GU04080E26501														
E265	Water below SR-4	WT	EQB	UF	DUP	GU04080E26501														
E265	Water below SR-4	WT		F	CS	GF04050E26501														
E265	Water below SR-4	WT		F	CS	GF04080E26502														
E265	Water below SR-4	WT		F	CS	GF04080E26503														
E265	Water below SR-4	WT		UF	CS	GU04050E26501														
E265	Water below SR-4	WT		UF	CS	GU04080E26502														
E265	Water below SR-4	WT		UF	CS	GU04080E26503														

Analytical Results for Suspended Sediment Concentration

Analyte Desc	Suspended Sediment Concentration				Anyl Meth Code	EPA:160.2		EPA:160.2		EPA:160.2		EPA:160.2	
					Analyte	SSC		SSC		SSC		SSC	
					Std Uom	mg/L		mg/L		mg/L		mg/L	
					Lab Sample Type Code	CS		DUP		QUD		TRP	
Location Synonym	Location Name	Fld Matrix Code	Fld Qc Type Code	Fld Prep Code	Sample Id	Sym	Result	Sym	Result	Sym	Result	Sym	Result
E026	Los Alamos below Ice Rink	WM		UF	GU04040M02601		20.5		22				21.5
E026	Los Alamos below Ice Rink	WT	EQB	UF	GU04080E02601	<	1.91	<	3.82	<	3.82	<	1.91
E026	Los Alamos below Ice Rink	WT		UF	GU04050E02601	<	1.91	<	1.91			<	1.91
E030	Los Alamos above DP Canyon	WT		UF	GU04070E03001		6490		6470				5270
E030	Los Alamos above DP Canyon	WT		UF	GU04070E03002		7950		6980		8720		6830
E030	Los Alamos above DP Canyon	WT		UF	GU04080E03001		12400		6830				7420
E030	Los Alamos above DP Canyon	WT		UF	GU04080E03002		2100		6090		9880		4530
E030	Los Alamos above DP Canyon	WT		UF	GU04090E03001		5590		5940				6030
E030	Los Alamos above DP Canyon	WT		UF	GU04100E03001		6930		11900				9810
E038	DP above TA-21	WT	FD	UF	GU04070E03890		3380		3250				3290
E038	DP above TA-21	WT		UF	GU04060E03801		1550		1540		1620		1390
E038	DP above TA-21	WT		UF	GU04070E03801		6130		4230				4050
E038	DP above TA-21	WT		UF	GU04070E03802		25		25.5				26
E038	DP above TA-21	WT		UF	GU04070E03803		2030		2340				2600
E038	DP above TA-21	WT		UF	GU04070E03804		751		796		706		601
E038	DP above TA-21	WT		UF	GU04080E03802		1180		1360				1460
E039	DP below Meadow at TA-21	WT	EQB	UF	GU04070E03904	<	1.53	<	1.53			<	1.53
E039	DP below Meadow at TA-21	WT		UF	GU04050E03901	<	1.91	<	1.91				2
E039	DP below Meadow at TA-21	WT		UF	GU04070E03901		3590		3930		4050		3580
E039	DP below Meadow at TA-21	WT		UF	GU04070E03902		2650		2560				2050
E039	DP below Meadow at TA-21	WT		UF	GU04070E03903		1400		1420		2820		1160
E040	DP above Los Alamos Canyon	WT		UF	GU04070E04001		6040		5110		5310		5860
E040	DP above Los Alamos Canyon	WT		UF	GU04070E04002		2620		3380				3290
E040	DP above Los Alamos Canyon	WT		UF	GU04080E04001		2850		3090				3530
E040	DP above Los Alamos Canyon	WT		UF	GU04080E04002		2240		2270		4640		2250
E040	DP above Los Alamos Canyon	WT		UF	GU04080E04003		1720		1900		1590		1800
E042	Los Alamos above SR-4	WT		UF	GU04070E04201		8210		9270		7020		7970
E042	Los Alamos above SR-4	WT		UF	GU04080E04201		6990		9190				9110
E042	Los Alamos above SR-4	WT		UF	GU04100E04201		8810		9630				7760
E042	Los Alamos above SR-4	WT		UF	GU04100E04202		1460		1480		3000		1500
E055	Pueblo above Acid	WT		UF	GU04070E05501		13500		14700		13700		15700
E055	Pueblo above Acid	WT		UF	GU04080E05501		7680		9240				9220

Analytical Results for Suspended Sediment Concentration

Analyte Desc	Suspended Sediment Concentration				Anyl Meth Code	EPA:160.2		EPA:160.2		EPA:160.2		EPA:160.2	
					Analyte	SSC		SSC		SSC		SSC	
					Std Uom	mg/L		mg/L		mg/L		mg/L	
					Lab Sample Type Code	CS		DUP		QUD		TRP	
Location Synonym	Location Name	Fld Matrix Code	Fld Qc Type Code	Fld Prep Code	Sample Id	Sym	Result	Sym	Result	Sym	Result	Sym	Result
E055	Pueblo above Acid	WT		UF	GU04080E05502		2600		2790				2680
E055	Pueblo above Acid	WT		UF	GU04090E05501		6280		6150		5570		6820
E0555	South Fork of Acid Canyon	WT		UF	GU0409E055501		864		876		856		860
E060	Pueblo above SR-502	WT	EQB	UF	GU04080E06001	<	1.91	<	1.91			<	1.91
E060	Pueblo above SR-502	WT		UF	GU04050E06001	<	2.55	<	2.55	<	2.55	<	2.55
E060	Pueblo above SR-502	WT		UF	GU04070E06001		537		517		533		493
E060	Pueblo above SR-502	WT		UF	GU04070E06002		2440		7180				2210
E060	Pueblo above SR-502	WT		UF	GU04080E06002		576		616				608
E121	Sandia right fork at Power Plant	WT		UF	GU04080E12101		458		464		464		460
E121	Sandia right fork at Power Plant	WT		UF	GU04080E12102		1200		1160				1150
E121	Sandia right fork at Power Plant	WT		UF	GU04090E12101		540		588		508		588
E122	Sandia left fork at Asphalt Plant	WT		UF	GU04040E12201		1010		1020		1060		1060
E122	Sandia left fork at Asphalt Plant	WT		UF	GU04040E12202		625		608				628
E122	Sandia left fork at Asphalt Plant	WT		UF	GU04070E12201		1410		1470				1380
E122	Sandia left fork at Asphalt Plant	WT		UF	GU04080E12201		1460		1450		1540		1470
E122	Sandia left fork at Asphalt Plant	WT		UF	GU04080E12202		3140		2630				2630
E122	Sandia left fork at Asphalt Plant	WT		UF	GU04080E12203		524		516				536
E122	Sandia left fork at Asphalt Plant	WT		UF	GU04090E12201		1900		1720				2170
E123	Sandia below Wetlands	WT		UF	GU04070E12301		685		633		617		612
E123	Sandia below Wetlands	WT		UF	GU04070E12302		1950		2050				2190
E123	Sandia below Wetlands	WT		UF	GU04070E12303		459		507				511
E123	Sandia below Wetlands	WT		UF	GU04080E12301		1180		1100		1110		1130
E124	Sandia above Firing Range	WT		UF	GU04080E12401		70		72				70
E124	Sandia above Firing Range	WT		UF	GU04080E12402		2420		2370				2570
E124	Sandia above Firing Range	WT		UF	GU04080E12403		3640		3640				3680
E124	Sandia above Firing Range	WT		UF	GU04100E12401		326		343				339
E124	Sandia above Firing Range	WT		UF	GU04100E12402		466		486		487		472
E200	Mortandad below Effluent Canyon	WT		UF	GU04070E20001		400		398		820		376
E200	Mortandad below Effluent Canyon	WT		UF	GU04080E20001		1280		1210				1260
E200	Mortandad below Effluent Canyon	WT		UF	GU04080E20002		2680		2340				2160
E200	Mortandad below Effluent Canyon	WT		UF	GU04080E20003		628		644				692
E201.3	Ten Site below MDA C	WT		UF	GU0404E201303		17.5		17				19

Analytical Results for Suspended Sediment Concentration

Analyte Desc	Suspended Sediment Concentration				Anyl Meth Code	EPA:160.2		EPA:160.2		EPA:160.2		EPA:160.2	
					Analyte	SSC		SSC		SSC		SSC	
					Std Uom	mg/L		mg/L		mg/L		mg/L	
					Lab Sample Type Code	CS		DUP		QUD		TRP	
Location Synonym	Location Name	Fld Matrix Code	Fld Qc Type Code	Fld Prep Code	Sample Id	Sym	Result	Sym	Result	Sym	Result	Sym	Result
E201.3	Ten Site below MDA C	WT		UF	GU0404E201304		83.5		92				90.5
E201.3	Ten Site below MDA C	WT		UF	GU0404E201305		30.8		24.4				28.4
E201.3	Ten Site below MDA C	WT		UF	GU0407E201301		1760		2540		2260		1860
E201.3	Ten Site below MDA C	WT		UF	GU0410E201301		12.5		10.9		15		12.5
E201.5	Ten Site above Mortandad	WT		UF	GU0408E201501		2870		2740		2690		2700
E218	Canada del Buey near TA-46	WT		UF	GU04080E21801		2040		2280		2230		2310
E218	Canada del Buey near TA-46	WT		UF	GU04090E21801		176		168				181
E218	Canada del Buey near TA-46	WT		UF	GU04100E21801		82		102		98		90.7
E218	Canada del Buey near TA-46	WT		UF	GU04100E21802		132		128				120
E227	MDA G-13	WT		UF	GU04080E22701		1550		1450				1460
E230	Canada del Buey above SR-4	WT		UF	GU04080E23001		2370		2550		2400		2530
E230	Canada del Buey above SR-4	WT		UF	GU04080E23002		4210		4090		7940		4570
E230	Canada del Buey above SR-4	WT		UF	GU04100E23001		11500		18300				15200
E240	Pajarito below SR-501	WT	EQB	UF	GU04080E24001	<	3.82	<	3.82		7.64	<	3.82
E240	Pajarito below SR-501	WT		UF	GU04050E24001	<	1.91	<	1.91			<	1.91
E241	Pajarito above Starmers	WT		UF	GU04100E24101		5160		5820		5810		6160
E242	Starmers above Pajarito	WT		UF	GU04070E24201		4040		5390				4540
E242	Starmers above Pajarito	WT		UF	GU04100E24201		1730		1670		1750		1730
E242.5	La Delfe above Pajarito	WT		UF	GU0407E242501		1690		1840				1780
E243	Pajarito above Twomile	WM		UF	GU04040M24301		22.7		10				24
E243.5	Twomile tributary at TA-3	WT	EQB	UF	GU0405E243501	<	1.91	<	1.91	<	1.91	<	1.91
E243.5	Twomile tributary at TA-3	WT	EQB	UF	GU0408E243501	<	3.82					<	3.82
E243.5	Twomile tributary at TA-3	WT	FD	UF	GU0407E24350290		12		13		13.5		13.5
E243.5	Twomile tributary at TA-3	WT		UF	GU0406E243501		57		62.5				60
E243.5	Twomile tributary at TA-3	WT		UF	GU0406E243502		1350		985				827
E243.5	Twomile tributary at TA-3	WT		UF	GU0407E243501		58		60		59		59
E243.5	Twomile tributary at TA-3	WT		UF	GU0407E243502		13.5		18		16.5		14
E243.5	Twomile tributary at TA-3	WT		UF	GU0407E243503		530		544				562
E243.5	Twomile tributary at TA-3	WT		UF	GU0407E243504		59		64.5				61.5
E243.5	Twomile tributary at TA-3	WT		UF	GU0407E243505		75.2		73.2		79.2		78.4
E243.5	Twomile tributary at TA-3	WT		UF	GU0409E243501		76		79		78		79
E243.5	Twomile tributary at TA-3	WT		UF	GU0409E243502		61		66				69

Analyte Desc	Suspended Sediment Concentration				Anyl Meth Code	EPA:160.2		EPA:160.2		EPA:160.2		EPA:160.2	
					Analyte	SSC		SSC		SSC		SSC	
					Std Uom	mg/L		mg/L		mg/L		mg/L	
					Lab Sample Type Code	CS		DUP		QUD		TRP	
Location Synonym	Location Name	Fld Matrix Code	Fld Qc Type Code	Fld Prep Code	Sample Id	Sym	Result	Sym	Result	Sym	Result	Sym	Result
E243.5	Twomile tributary at TA-3	WT		UF	GU0409E243503		47		46		47		46
E244	Twomile above Pajarito	WM		UF	GU04040M24401		3.5		3				3
E244	Twomile above Pajarito	WT		UF	GU04070E24401		12500		13700				15500
E244	Twomile above Pajarito	WT		UF	GU04080E24401		12900		11700				13200
E245	Pajarito above TA-18	WM		UF	GU04040M24501		40.6		42.7				46.7
E245	Pajarito above TA-18	WT		UF	GU04070E24501		2580		2570				2440
E245	Pajarito above TA-18	WT		UF	GU04100E24501		1460		1510		1500		1530
E245.5	Pajarito above Threemile	WM		UF	GU0404M245501		14		16.5				15
E245.5	Pajarito above Threemile	WT		UF	GU0407E245501		10600		11500				11400
E245.5	Pajarito above Threemile	WT		UF	GU0408E245501		18600		17600				17900
E245.5	Pajarito above Threemile	WT		UF	GU0410E245501		8590		10900				11100
E246	Threemile above Pajarito	WT		UF	GU04070E24601		9530		9970				10700
E246	Threemile above Pajarito	WT		UF	GU04080E24601		2790		3400				3190
E247	MDA G-1	WT		UF	GU04080E24701		7330		7740				8580
E247	MDA G-1	WT		UF	GU04100E24701		4520		4580		5160		6880
E247	MDA G-1	WT		UF	GU04100E24702		1170		1370		2680		1390
E248.5	MDA G-6U	WT		UF	GU0404E248502		1540		1260				1080
E248.5	MDA G-6U	WT		UF	GU0407E248501		266		275				263
E248.5	MDA G-6U	WT		UF	GU0408E248501		3780		3980		3840		3760
E248.5	MDA G-6U	WT		UF	GU0409E248501		628		654		642		632
E249	MDA G-4	WT		UF	GU04080E24901		1610		1620				1700
E250	Pajarito above SR-4	WT		UF	GU04040E25001		70		67		69		66
E250	Pajarito above SR-4	WT		UF	GU04040E25002		19.3		23.3		20.3		26.3
E252.5	Water above S Site Canyon	WM		UF	GU04040M26001	<	1.91	<	1.91			<	1.91
E252.5	Water above S Site Canyon	WT		UF	GU04080E26001		9900		7840		16760		8540
E252.8	S Site Canyon above Water	WT		UF	GU04080E26101		9760		10900				9480
E256	Canon de Valle below MDA P	WT		UF	GU04070E25601		4470		4660				4740
E256	Canon de Valle below MDA P	WT		UF	GU04080E25601		2430		2080				2120
E256	Canon de Valle below MDA P	WT		UF	GU04080E25602		3710		3970				4100
E257	Canon de Valle tributary at Burn Grounds	WT		UF	GU04040E25701		71		71				73
E257	Canon de Valle tributary at Burn Grounds	WT		UF	GU04070E25701		3820		3950				3850
E257	Canon de Valle tributary at Burn Grounds	WT		UF	GU04070E25702		6630		7210				6350

Table I-8. Watershed Storm Water Monitoring, 2004
Analytical Results for Suspended Sediment Concentration

Analyte Desc	Suspended Sediment Concentration				Anyl Meth Code	EPA:160.2		EPA:160.2		EPA:160.2		EPA:160.2	
					Analyte	SSC		SSC		SSC		SSC	
					Std Uom	mg/L		mg/L		mg/L		mg/L	
					Lab Sample Type Code	CS		DUP		QUD		TRP	
Location Synonym	Location Name	Fld Matrix Code	Fld Qc Type Code	Fld Prep Code	Sample Id	Sym	Result	Sym	Result	Sym	Result	Sym	Result
E257	Canon de Valle tributary at Burn Grounds	WT		UF	GU04080E25701		35		38				37
E257	Canon de Valle tributary at Burn Grounds	WT		UF	GU04080E25702		1420		1510				1460
E262	Canon de Valle above Water	WT		UF	GU04080E26201		8110		5770				6170
E262.5	Water below MDA AB	WM		UF	GU0404M262501		4.5		1.8				3.5
E262.5	Water below MDA AB	WT		UF	GU0408E262501		3510		3810		3790		3670
E262.5	Water below MDA AB	WT		UF	GU0410E262501		4360		4870				4450
E263	Water at SR-4	WT		UF	GU04080E26301		4150		11100				9630
E263	Water at SR-4	WT		UF	GU04080E26302		3410		3510				3530
E265	Water below SR-4	WT	EQB	UF	GU04080E26501	<	2.55	<	2.55	<	2.55	<	2.55
E265	Water below SR-4	WT		UF	GU04050E26501	<	1.91	<	1.91			<	1.91
E265	Water below SR-4	WT		UF	GU04080E26503		8590		18700				18900

Location Synonym	Location Name	Sample Id	Analyte	Analyte Desc	Anyl Meth Code	Result	Std Uom	Fld Matrix Code	Fld QC Type Code	Lab Sample Type Code	Valid Flag Code	Lab Qual Code
E030	Los Alamos above DP Canyon	GU04070E03001	11096-82-5	Aroclor-1260	EPA:608	0.12	ug/L	WT		CS	J	
E060	Pueblo above SR-502	GU04070E06001	35822-46-9	Heptachloro dibenzodioxin [1,2,3,4,6,7,8-]	EPA:1613B	0.00011	ug/L	WT		CS		
E060	Pueblo above SR-502	GU04070E06001	3268-87-9	Octachloro dibenzodioxin [1,2,3,4,6,7,8,9-]	EPA:1613B	0.001	ug/L	WT		CS		
E060	Pueblo above SR-502	GU04070E06002	35822-46-9	Heptachloro dibenzodioxin [1,2,3,4,6,7,8-]	EPA:1613B	0.00023	ug/L	WT		CS		
E060	Pueblo above SR-502	GU04070E06002	39001-02-0	Octachloro dibenzofuran [1,2,3,4,6,7,8,9-]	EPA:1613B	0.00021	ug/L	WT		CS		
E060	Pueblo above SR-502	GU04080E06002	3268-87-9	Octachloro dibenzodioxin [1,2,3,4,6,7,8,9-]	EPA:1613B	0.00041	ug/L	WT		CS		
E060	Pueblo above SR-502	GU04070E06002	3268-87-9	Octachloro dibenzodioxin [1,2,3,4,6,7,8,9-]	EPA:1613B	0.0018	ug/L	WT		CS		
E060	Pueblo above SR-502	GU04070E06002	51207-31-9	Tetrachloro dibenzofuran [2,3,7,8-]	EPA:1613B	0.000016	ug/L	WT		CS		
E060	Pueblo above SR-502	GU04070E06002	67562-39-4	Heptachloro dibenzofuran [1,2,3,4,6,7,8-]	EPA:1613B	0.0001	ug/L	WT		CS		
E123	Sandia below Wetlands	GU04070E12301	11097-69-1	Aroclor-1254	EPA:608	0.21	ug/L	WT		CS		
E123	Sandia below Wetlands	GU04070E12303	11097-69-1	Aroclor-1254	EPA:608	0.059	ug/L	WT		CS	J+	J
E123	Sandia below Wetlands	GU04070E12303	11096-82-5	Aroclor-1260	EPA:608	0.076	ug/L	WT		CS	J+	J
E123	Sandia below Wetlands	GU04070E12303	11096-82-5	Aroclor-1260	EPA:608	0.076	ug/L	WT		CS	J+	J
E123	Sandia below Wetlands	GU04070E12303	11097-69-1	Aroclor-1254	EPA:608	0.059	ug/L	WT		CS	J+	J

Location Synonym	Location Name	Sample Id	Analyte	Analyte Desc	Anyl Meth Code	Result	Std Uom	Fld Matrix Code	Fld QC Type Code	Lab Sample Type Code	Valid Flag Code	Lab Qual Code
E123	Sandia below Wetlands	GU04070E12301	11096-82-5	Aroclor-1260	EPA:608	0.24	ug/L	WT		CS		
E123	Sandia below Wetlands	GU04070E12302	11097-69-1	Aroclor-1254	EPA:608	0.67	ug/L	WT		CS	J-	
E123	Sandia below Wetlands	GU04070E12302	11096-82-5	Aroclor-1260	EPA:608	0.61	ug/L	WT		CS	J-	
E124	Sandia above Firing Range	GU04080E12402	11096-82-5	Aroclor-1260	EPA:608	0.098	ug/L	WT		CS		J
E227	MDA G-13	GU04080E22701	62-53-3	Aniline	EPA:625	4.6	ug/L	WT		CS	J-	J
E227	MDA G-13	GU04080E22701	62-53-3	Aniline	EPA:625	4.6	ug/L	WT		CS	J-	J
E243.5	Twomile tributary at TA-3	GU0407E24350290	3268-87-9	Octachloro dibenzodioxin [1,2,3,4,6,7,8,9-]	EPA:1613B	0.00011	ug/L	WT	FD	CS		
E256	Canon de Valle below MDA P	GU04080E25602	121-82-4	RDX	SW-846:8330	5.6	ug/L	WT		CS	J-	
E256	Canon de Valle below MDA P	GU04080E25602	2691-41-0	HMX	SW-846:8330	3.9	ug/L	WT		CS	J-	
E257	Canon de Valle tributary at Burn Grounds	GU04070E25701	2691-41-0	HMX	SW-846:8330	185	ug/L	WT		CS	J	D
E257	Canon de Valle tributary at Burn Grounds	GU04070E25701	121-82-4	RDX	SW-846:8330	9.9	ug/L	WT		CS		
E257	Canon de Valle tributary at Burn Grounds	GU04070E25702	121-82-4	RDX	SW-846:8330	1.6	ug/L	WT		CS	J-	
E257	Canon de Valle tributary at Burn Grounds	GU04070E25702	121-82-4	RDX	SW-846:8330	1.6	ug/L	WT		CS	J-	
E257	Canon de Valle tributary at Burn Grounds	GU04080E25701	2691-41-0	HMX	SW-846:8330	8.8	ug/L	WT		CS	J-	
E257	Canon de Valle tributary at Burn Grounds	GU04080E25702	2691-41-0	HMX	SW-846:8330	7.4	ug/L	WT		CS	J-	

Table I-9. Water Storm Water Monitoring, 2004
Analytical Results for Detected Organics

Location Synonym	Location Name	Sample Id	Analyte	Analyte Desc	Anyl Meth Code	Result	Std Uom	Fld Matrix Code	Fld QC Type Code	Lab Sample Type Code	Valid Flag Code	Lab Qual Code
E257	Canon de Valle tributary at Burn Grounds	GU04080E25702	2691-41-0	HMX	SW-846:8330	127	ug/L	WT		RE	J	
E257	Canon de Valle tributary at Burn Grounds	GU04080E25702	121-82-4	RDX	SW-846:8330	0.91	ug/L	WT		CS	J-	
E257	Canon de Valle tributary at Burn Grounds	GU04080E25701	2691-41-0	HMX	SW-846:8330	8.8	ug/L	WT		CS	J-	
E257	Canon de Valle tributary at Burn Grounds	GU04070E25702	121-82-4	RDX	SW-846:8330	1.6	ug/L	WT		CS	J-	
E257	Canon de Valle tributary at Burn Grounds	GU04070E25701	19406-51-0	Amino-2,6-dinitrotoluene[4-]	SW-846:8330	3.2	ug/L	WT		CS		
E262.5	Water below MDA AB	GU0404M262501	2691-41-0	HMX	SW-846:8330	1.3	ug/L	WM		CS		

Table I-10. Watershed Storm Water Monitoring, 2004
Analytical Results for Radionuclides

						Anyl Meth Code	EPA:900				EPA:900			
						Analyte	GROSSA				GROSSB			
						Std Uom	pCi/L				pCi/L			
							Sym	Result	Uncert	MDA	Sym	Result	Uncert	MDA
Location Synonym	Location Name	Fld Matrix Code	Fld Qc Type Code	Fld Prep Code	Lab Sample Type Code	Sample Id								
E026	Los Alamos below Ice Rink	WM		UF	CS	GU04040M02601		-0.138	0.403	1.74		1.58	0.505	1.87
E026	Los Alamos below Ice Rink	WM		UF	DUP	GU04040M02601								
E026	Los Alamos below Ice Rink	WT	EQB	UF	CS	GU04080E02601		0.575	0.307	1.12		0.262	0.485	1.99
E026	Los Alamos below Ice Rink	WT		UF	CS	GU04050E02601		-0.147	0.249	1.23		0.362	0.302	1.15
E030	Los Alamos above DP Canyon	WT		UF	CS	GU04070E03001								
E030	Los Alamos above DP Canyon	WT		UF	CS	GU04070E03002		74.8	5.1	6.04		97.2	2.51	3.38
E030	Los Alamos above DP Canyon	WT		UF	CS	GU04080E03001		291	20	23.8		531	16.9	22.8
E030	Los Alamos above DP Canyon	WT		UF	CS	GU04090E03001		167	15.4	12.4		234	9.27	14.9
E030	Los Alamos above DP Canyon	WT		UF	CS	GU04100E03001		54	4.28	7.08		113	4.8	8.22
E030	Los Alamos above DP Canyon	WT		UF	DUP	GU04090E03001								
E038	DP above TA-21	WT	FD	UF	CS	GU04070E03890								
E038	DP above TA-21	WT	FD	UF	CS	GU04070E03891		3.77	0.972	2.78		10.7	0.924	2.48
E038	DP above TA-21	WT		UF	CS	GU04060E03801		-2.73	1.89	7.27		173	6.15	10.2
E038	DP above TA-21	WT		UF	CS	GU04070E03801								
E038	DP above TA-21	WT		UF	CS	GU04070E03802		4.02	0.972	2.5		6.66	0.846	2.58
E038	DP above TA-21	WT		UF	CS	GU04070E03803		56.4	5.7	3.26		105	2.37	3.12
E038	DP above TA-21	WT		UF	CS	GU04070E03804								
E038	DP above TA-21	WT		UF	CS	GU04080E03801		234	11.3	3.12		92.3	3.89	7.6
E038	DP above TA-21	WT		UF	DUP	GU04060E03801								
E038	DP above TA-21	WT		UF	DUP	GU04070E03802								
E039	DP below Meadow at TA-21	WT	EQB	UF	CS	GU04070E03904		-0.0965	0.245	1.18		-0.461	0.485	2.1
E039	DP below Meadow at TA-21	WT	EQB	UF	DUP	GU04070E03904		0.172	0.157	0.531		0.217	0.399	1.34
E039	DP below Meadow at TA-21	WT		UF	CS	GU04050E03901		0.0783	0.195	0.879		2.26	0.352	1.05
E039	DP below Meadow at TA-21	WT		UF	CS	GU04070E03901		79.3	6.65	9.48		96.3	3.15	4.99
E039	DP below Meadow at TA-21	WT		UF	CS	GU04070E03902		52.1	5.97	5.5		114	2.72	2.98
E039	DP below Meadow at TA-21	WT		UF	CS	GU04070E03903		27.1	2.01	2.08		52.4	1.37	1.87
E039	DP below Meadow at TA-21	WT		UF	DUP	GU04050E03901								
E040	DP above Los Alamos Canyon	WT		UF	CS	GU04070E04001		368	25.9	27.3		450	29.9	41.8
E040	DP above Los Alamos Canyon	WT		UF	CS	GU04070E04002		146	13.3	8.88		312	5.03	4.01
E040	DP above Los Alamos Canyon	WT		UF	CS	GU04080E04001		87.9	5.94	4.35		168	6.61	13.2

Table I-10. Watershed Storm Water Monitoring, 2004
Analytical Results for Radionuclides

						Anyl Meth Code	EPA:900				EPA:900			
						Analyte	GROSSA				GROSSB			
						Std Uom	pCi/L				pCi/L			
							Sym	Result	Uncert	MDA	Sym	Result	Uncert	MDA
Location Synonym	Location Name	Fld Matrix Code	Fld Qc Type Code	Fld Prep Code	Lab Sample Type Code	Sample Id								
E040	DP above Los Alamos Canyon	WT		UF	CS	GU04080E04003		59.8	3.9	3.48		111	4.81	7.66
E040	DP above Los Alamos Canyon	WT		UF	DUP	GU04070E04001		277	24.9	30.3		383	9.61	12.6
E040	DP above Los Alamos Canyon	WT		UF	DUP	GU04080E04001		74.1	5.39	6.15		172	6.55	12
E042	Los Alamos above SR-4	WT		UF	CS	GU04070E04201		848	55.3	21.5		124	2.07	1.3
E042	Los Alamos above SR-4	WT		UF	CS	GU04080E04201		118	6.06	6.19		209	7.23	9.01
E042	Los Alamos above SR-4	WT		UF	CS	GU04100E04201		114	7.18	5.77		236	3.42	2.97
E042	Los Alamos above SR-4	WT		UF	CS	GU04100E04202		21.5	2.08	4.11		78.2	2.89	5.05
E042	Los Alamos above SR-4	WT		UF	DUP	GU04080E04201		111	9.85	7.81		213	7.36	9.95
E050	Los Alamos below LA Weir	WM		UF	CS	GU04040M05001		-0.0526	0.466	2.06		8.64	0.6	1.32
E050	Los Alamos below LA Weir	WM		UF	DUP	GU04040M05001								
E055	Pueblo above Acid	WT		UF	CS	GU04070E05501		214	19.6	24.3		417	29.2	40.9
E055	Pueblo above Acid	WT		UF	CS	GU04080E05501		201	13.6	17.2		419	13.2	21.1
E055	Pueblo above Acid	WT		UF	CS	GU04080E05502		87.5	7.2	8.23		83.7	4.81	8.91
E055	Pueblo above Acid	WT		UF	CS	GU04090E05501		65.5	9.32	26.3		158	6.13	11.4
E055	Pueblo above Acid	WT		UF	DUP	GU04070E05501		189	19.6	35		432	10.3	10.8
E055	Pueblo above Acid	WT		UF	DUP	GU04080E05501								
E055	Pueblo above Acid	WT		UF	DUP	GU04090E05501		82.8	12.3	22.6		208	7.14	11.1
E060	Pueblo above SR-502	WT	EQB	UF	CS	GU04080E06001		-0.721	0.442	2.11		1.54	0.619	2.37
E060	Pueblo above SR-502	WT		UF	CS	GU04050E06001		-0.0451	0.847	2.95		-1.34	0.8	2.83
E060	Pueblo above SR-502	WT		UF	CS	GU04070E06001		32.2	3.25	6.41		81.5	2	2.28
E060	Pueblo above SR-502	WT		UF	CS	GU04070E06002		85.1	5.3	4.32		93.8	2.13	2.42
E060	Pueblo above SR-502	WT		UF	CS	GU04080E06002		16.1	1.48	1.95		37.8	2.14	5.18
E060	Pueblo above SR-502	WT		UF	DUP	GU04050E06001								
E060	Pueblo above SR-502	WT		UF	DUP	GU04070E06001								
E121	Sandia right fork at Power Plant	WT		UF	CS	GU04070E12101		5.79	0.826	2.05		14.8	0.806	1.67
E121	Sandia right fork at Power Plant	WT		UF	CS	GU04080E12102		24.7	3.15	5.85		40	4.06	11.3
E121	Sandia right fork at Power Plant	WT		UF	CS	GU04090E12101		32	3.42	8.3		55.3	2.12	4.38
E121	Sandia right fork at Power Plant	WT		UF	DUP	GU04080E12102								
E121	Sandia right fork at Power Plant	WT		UF	DUP	GU04090E12101								
E124	Sandia above Firing Range	WT		UF	CS	GU04080E12402		877	44.1	4.32		106	4.77	9.79

Table I-10. Watershed Storm Water Monitoring, 2004
Analytical Results for Radionuclides

						Anyl Meth Code	EPA:900				EPA:900			
						Analyte	GROSSA				GROSSB			
						Std Uom	pCi/L				pCi/L			
							Sym	Result	Uncert	MDA	Sym	Result	Uncert	MDA
Location Synonym	Location Name	Fld Matrix Code	Fld Qc Type Code	Fld Prep Code	Lab Sample Type Code	Sample Id								
E124	Sandia above Firing Range	WT		UF	CS	GU04080E12403		202	16.7	10.7		212	7.32	9.09
E124	Sandia above Firing Range	WT		UF	CS	GU04100E12402		6.48	0.804	1.76		15.8	0.949	2.29
E124	Sandia above Firing Range	WT		UF	DUP	GU04100E12402		3.38	0.972	2.97		19.2	1.13	2.73
E200	Mortandad below Effluent Canyon	WT		UF	CS	GU04070E20001		26.8	2.07	2.55		40.5	1.17	1.69
E200	Mortandad below Effluent Canyon	WT		UF	CS	GU04080E20001		39.4	2.13	1.58		59.5	1.85	2.19
E200	Mortandad below Effluent Canyon	WT		UF	CS	GU04080E20002		751	30	4.49		140	4.9	8.3
E200	Mortandad below Effluent Canyon	WT		UF	CS	GU04080E20003		74	5.72	6.63		91.8	5.2	9.93
E200	Mortandad below Effluent Canyon	WT		UF	DUP	GU04070E20001								
E200	Mortandad below Effluent Canyon	WT		UF	DUP	GU04080E20001								
E200	Mortandad below Effluent Canyon	WT		UF	DUP	GU04080E20002								
E201.3	Ten Site below MDA C	WT		UF	CS	GU0404E201303								
E201.3	Ten Site below MDA C	WT		UF	CS	GU0404E201305		1.34	0.319	0.84		5.65	0.681	1.92
E201.3	Ten Site below MDA C	WT		UF	CS	GU0407E201301								
E201.3	Ten Site below MDA C	WT		UF	DUP	GU0404E201303								
E201.3	Ten Site below MDA C	WT		UF	DUP	GU0404E201305								
E201.5	Ten Site above Mortandad	WT		UF	CS	GU0408E201501								
E218	Canada del Buey near TA-46	WT		UF	CS	GU04080E21801		49.5	3.95	5.4		99	6.19	15
E218	Canada del Buey near TA-46	WT		UF	CS	GU04100E21801		1.38	0.48	1.45		2.48	0.605	2.03
E218	Canada del Buey near TA-46	WT		UF	CS	GU04100E21802								
E218	Canada del Buey near TA-46	WT		UF	DUP	GU04100E21801								
E227	MDA G-13	WT		UF	CS	GU04080E22701								
E230	Canada del Buey above SR-4	WT		UF	CS	GU04080E23001		979	72.5	49.6		1270	51.3	104
E230	Canada del Buey above SR-4	WT		UF	CS	GU04080E23002		196	13.8	9.79		268	8.4	11.6
E230	Canada del Buey above SR-4	WT		UF	CS	GU04100E23001		68.6	4.12	5.37		108	2.58	3.1
E230	Canada del Buey above SR-4	WT		UF	DUP	GU04080E23001		868	43.1	44		1400	44.4	73.3
E230	Canada del Buey above SR-4	WT		UF	DUP	GU04100E23001								
E240	Pajarito below SR-501	WT	EQB	UF	CS	GU04080E24001		0.109	0.323	1.37		-0.547	0.546	2.35
E240	Pajarito below SR-501	WT	EQB	UF	DUP	GU04080E24001								
E240	Pajarito below SR-501	WT		UF	CS	GU04050E24001		0.233	0.263	1.08		-0.085	0.303	1.23
E243	Pajarito above Twomile	WM		UF	CS	GU04040M24301		0.296	0.361	1.47		1.98	0.492	1.73

						Anyl Meth Code	EPA:900				EPA:900			
						Analyte	GROSSA				GROSSB			
						Std Uom	pCi/L				pCi/L			
							Sym	Result	Uncert	MDA	Sym	Result	Uncert	MDA
Location Synonym	Location Name	Fld Matrix Code	Fld Qc Type Code	Fld Prep Code	Lab Sample Type Code	Sample Id								
E243	Pajarito above Twomile	WM		UF	DUP	GU04040M24301								
E243.5	Twomile tributary at TA-3	WT	EQB	UF	CS	GU0405E243501		-1.8	2.21	8.27		-2.35	2.16	7.6
E243.5	Twomile tributary at TA-3	WT	EQB	UF	CS	GU0408E243501		0.0097	0.391	1.7		-0.272	0.535	2.27
E243.5	Twomile tributary at TA-3	WT	EQB	UF	DUP	GU0405E243501								
E243.5	Twomile tributary at TA-3	WT	FD	UF	CS	GU0407E243594		2.76	0.863	2.58		8.38	0.974	3
E243.5	Twomile tributary at TA-3	WT	FD	UF	DUP	GU0407E243594								
E243.5	Twomile tributary at TA-3	WT		UF	CS	GU0406E243501		37.3	2.48	3.49		16.1	1.57	4.38
E243.5	Twomile tributary at TA-3	WT		UF	CS	GU0407E243501								
E243.5	Twomile tributary at TA-3	WT		UF	CS	GU0407E243503		14.8	1.46	2.19		16.5	1.08	2.52
E243.5	Twomile tributary at TA-3	WT		UF	CS	GU0407E243504		5.33	0.98	2.38		9.87	0.926	2.58
E243.5	Twomile tributary at TA-3	WT		UF	CS	GU0407E243505								
E243.5	Twomile tributary at TA-3	WT		UF	CS	GU0409E243501		6.13	0.809	2.02		11.2	0.601	1.19
E243.5	Twomile tributary at TA-3	WT		UF	CS	GU0409E243502		5.33	0.797	1.81		8.99	0.609	1.35
E243.5	Twomile tributary at TA-3	WT		UF	CS	GU0409E243503		6.78	0.832	1.37		12.2	0.659	1.6
E243.5	Twomile tributary at TA-3	WT		UF	DUP	GU0406E243501								
E243.5	Twomile tributary at TA-3	WT		UF	DUP	GU0407E243501								
E243.5	Twomile tributary at TA-3	WT		UF	DUP	GU0407E243505								
E243.5	Twomile tributary at TA-3	WT		UF	DUP	GU0409E243501								
E243.5	Twomile tributary at TA-3	WT		UF	DUP	GU0409E243503								
E244	Twomile above Pajarito	WM		UF	CS	GU04040M24401		0.835	0.46	1.62		3.24	0.513	1.58
E244	Twomile above Pajarito	WT		UF	CS	GU04070E24401		1080	84.3	45.7		1500	28.6	24.5
E244	Twomile above Pajarito	WT		UF	CS	GU04080E24401		235	14.3	27.1		458	14.9	21.9
E245	Pajarito above TA-18	WM		UF	CS	GU04040M24501		0.172	0.341	1.43		2.67	0.528	1.79
E245	Pajarito above TA-18	WM		UF	DUP	GU04040M24501		0.89	0.495	1.84		3.88	0.585	1.85
E245	Pajarito above TA-18	WT		UF	CS	GU04070E24501								
E245	Pajarito above TA-18	WT		UF	CS	GU04100E24501		29.7	2.78	6.14		62.8	2.71	5.42
E245	Pajarito above TA-18	WT		UF	DUP	GU04100E24501		30.8	2.88	3.52		57.1	2.64	5.98
E245.5	Pajarito above Threemile	WM		UF	CS	GU0404M245501		0.37	0.362	1.42		4.18	0.591	1.84
E245.5	Pajarito above Threemile	WM		UF	DUP	GU0404M245501								
E245.5	Pajarito above Threemile	WT		UF	CS	GU0407E245501		234	21	15.3		310	6.08	6.02

Table I-10. Watershed Storm Water Monitoring, 2004
Analytical Results for Radionuclides

						Anyl Meth Code	EPA:900				EPA:900			
						Analyte	GROSSA				GROSSB			
						Std Uom	pCi/L				pCi/L			
							Sym	Result	Uncert	MDA	Sym	Result	Uncert	MDA
Location Synonym	Location Name	Fld Matrix Code	Fld Qc Type Code	Fld Prep Code	Lab Sample Type Code	Sample Id								
E245.5	Pajarito above Threemile	WT		UF	CS	GU0408E245501		221	13.5	15.1		280	12.2	23.4
E245.5	Pajarito above Threemile	WT		UF	CS	GU0410E245501								
E245.5	Pajarito above Threemile	WT		UF	DUP	GU0407E245501								
E245.5	Pajarito above Threemile	WT		UF	DUP	GU0408E245501								
E245.5	Pajarito above Threemile	WT		UF	DUP	GU0410E245501								
E246	Threemile above Pajarito	WT		UF	CS	GU04070E24601		148	10.4	6.5		267	3.74	2.75
E246	Threemile above Pajarito	WT		UF	CS	GU04080E24601		264	13.4	8.32		319	9.04	8.99
E246	Threemile above Pajarito	WT		UF	DUP	GU04070E24601								
E247	MDA G-1	WT		UF	CS	GU04080E24701		641	36.1	33.8		910	26.8	43
E247	MDA G-1	WT		UF	CS	GU04100E24701		81.7	5.72	3.73		101	6.93	8.54
E247	MDA G-1	WT		UF	CS	GU04100E24702								
E247	MDA G-1	WT		UF	DUP	GU04080E24701								
E247	MDA G-1	WT		UF	DUP	GU04100E24701		73.8	3.61	4.24		102	7.33	12.9
E247	MDA G-1	WT		UF	DUP	GU04100E24702								
E248.5	MDA G-6U	WT		UF	CS	GU0404E248502								
E248.5	MDA G-6U	WT		UF	CS	GU0407E248501								
E248.5	MDA G-6U	WT		UF	CS	GU0408E248501		132	7.54	3.17		181	4.97	5.41
E249	MDA G-4	WT		UF	CS	GU04080E24901								
E250	Pajarito above SR-4	WT		UF	CS	GU04040E25002		1.5	0.308	0.695		14.1	1.33	2.17
E250	Pajarito above SR-4	WT		UF	DUP	GU04040E25002								
E262.5	Water below MDA AB	WM		UF	CS	GU0404M262501		0.537	0.503	1.99		2.34	0.509	1.75
E262.5	Water below MDA AB	WM		UF	DUP	GU0404M262501								
E262.5	Water below MDA AB	WT		UF	CS	GU0410E262501		188	11.8	6.95		368	9.79	12.1
E263	Water at SR-4	WT		UF	CS	GU04080E26301		604	36.5	19		1080	30.4	31.1
E265	Water below SR-4	WT	EQB	UF	CS	GU04080E26501		0.458	0.467	1.89		0.517	0.546	2.2
E265	Water below SR-4	WT		UF	CS	GU04050E26501		0.463	0.265	0.934		-0.659	0.363	1.65
E265	Water below SR-4	WT		UF	CS	GU04080E26502		32.5	2.16	1.46		87.4	2.4	2.7
E265	Water below SR-4	WT		UF	CS	GU04080E26503		161	13.2	8.57		160	6.47	9.71

Table I-10. Watershed Storm Water Monitoring, 2004
Analytical Results for Radionuclides

						Anyl Meth Code	EPA:901.1				EPA:901.1			
						Analyte	Co-60				Cs-137			
						Std Uom	pCi/L				pCi/L			
							Sym	Result	Uncert	MDA	Sym	Result	Uncert	MDA
Location Synonym	Location Name	Fld Matrix Code	Fld Qc Type Code	Fld Prep Code	Lab Sample Type Code	Sample Id								
E026	Los Alamos below Ice Rink	WM		UF	CS	GU04040M02601		0.891	0.624	2.39		-1.03	0.55	1.78
E026	Los Alamos below Ice Rink	WM		UF	DUP	GU04040M02601								
E026	Los Alamos below Ice Rink	WT	EQB	UF	CS	GU04080E02601		2.88	1.33	4.04		-0.597	0.971	3.33
E026	Los Alamos below Ice Rink	WT		UF	CS	GU04050E02601		-0.154	0.926	3.26		0.586	0.901	3.19
E030	Los Alamos above DP Canyon	WT		UF	CS	GU04070E03001								
E030	Los Alamos above DP Canyon	WT		UF	CS	GU04070E03002		-0.353	1.02	3.62		6.26	1.18	4.54
E030	Los Alamos above DP Canyon	WT		UF	CS	GU04080E03001		-0.121	1.04	3.64		0.839	0.889	3.17
E030	Los Alamos above DP Canyon	WT		UF	CS	GU04090E03001		-0.496	1.18	4.09		1.43	1.05	3.75
E030	Los Alamos above DP Canyon	WT		UF	CS	GU04100E03001		-0.0257	0.993	3.48		0.463	0.961	3.33
E030	Los Alamos above DP Canyon	WT		UF	DUP	GU04090E03001								
E038	DP above TA-21	WT	FD	UF	CS	GU04070E03890								
E038	DP above TA-21	WT	FD	UF	CS	GU04070E03891		1.82	1.29	4.81		-0.691	1.11	3.83
E038	DP above TA-21	WT		UF	CS	GU04060E03801		-2.02	1.29	4.27		-0.184	1.28	4.49
E038	DP above TA-21	WT		UF	CS	GU04070E03801								
E038	DP above TA-21	WT		UF	CS	GU04070E03802		2.7	1.23	4.87		0.25	1.23	4.21
E038	DP above TA-21	WT		UF	CS	GU04070E03803		-0.786	1.29	4.45		-1.32	1.19	4.03
E038	DP above TA-21	WT		UF	CS	GU04070E03804								
E038	DP above TA-21	WT		UF	CS	GU04080E03801		3.74	1.05	4.12		-0.0162	1.01	3.51
E038	DP above TA-21	WT		UF	DUP	GU04060E03801								
E038	DP above TA-21	WT		UF	DUP	GU04070E03802								
E039	DP below Meadow at TA-21	WT	EQB	UF	CS	GU04070E03904		-0.055	1.31	4		-1.09	1.03	3.51
E039	DP below Meadow at TA-21	WT	EQB	UF	DUP	GU04070E03904								
E039	DP below Meadow at TA-21	WT		UF	CS	GU04050E03901		0.731	1.3	4.11		1.55	1	3.62
E039	DP below Meadow at TA-21	WT		UF	CS	GU04070E03901		-1.28	1.46	5.09		-1.67	1.32	4.5
E039	DP below Meadow at TA-21	WT		UF	CS	GU04070E03902		0.274	0.961	3.48		2.39	1.09	3.91
E039	DP below Meadow at TA-21	WT		UF	CS	GU04070E03903		0.464	1.5	5.34		32.7	2.82	9.47
E039	DP below Meadow at TA-21	WT		UF	DUP	GU04050E03901		1.35	1.05	3.97		0.117	1.04	3.59
E040	DP above Los Alamos Canyon	WT		UF	CS	GU04070E04001		0.917	1.08	4.01		0.685	2.21	3.35
E040	DP above Los Alamos Canyon	WT		UF	CS	GU04070E04002		-1.21	1.28	4.47		7.26	2.01	4.77
E040	DP above Los Alamos Canyon	WT		UF	CS	GU04080E04001		1.55	0.922	3.46		4.33	2.26	2.92

Table I-10. Watershed Storm Water Monitoring, 2004
Analytical Results for Radionuclides

						Anyl Meth Code	EPA:901.1				EPA:901.1			
						Analyte	Co-60				Cs-137			
						Std Uom	pCi/L				pCi/L			
							Sym	Result	Uncert	MDA	Sym	Result	Uncert	MDA
Location Synonym	Location Name	Fld Matrix Code	Fld Qc Type Code	Fld Prep Code	Lab Sample Type Code	Sample Id								
E040	DP above Los Alamos Canyon	WT		UF	CS	GU04080E04003		0.925	0.856	3.18		3.36	2.1	2.88
E040	DP above Los Alamos Canyon	WT		UF	DUP	GU04070E04001		-1.64	0.881	2.84		-0.951	0.881	2.88
E040	DP above Los Alamos Canyon	WT		UF	DUP	GU04080E04001		0.695	1	3.65		4.78	1.85	3.22
E042	Los Alamos above SR-4	WT		UF	CS	GU04070E04201		-0.332	1.24	4.3		8.59	1.78	4.12
E042	Los Alamos above SR-4	WT		UF	CS	GU04080E04201		-0.404	1.12	3.8		25.4	2.59	3.21
E042	Los Alamos above SR-4	WT		UF	CS	GU04100E04201		2.3	1.25	4.9		11.5	2.12	4.11
E042	Los Alamos above SR-4	WT		UF	CS	GU04100E04202		1.49	1.78	7.28		7.96	2.08	6.84
E042	Los Alamos above SR-4	WT		UF	DUP	GU04080E04201		0.594	1.28	4.01		30.6	2.47	3.62
E050	Los Alamos below LA Weir	WM		UF	CS	GU04040M05001		-1.12	1.54	5.22		4.42	4.63	4.9
E050	Los Alamos below LA Weir	WM		UF	DUP	GU04040M05001								
E055	Pueblo above Acid	WT		UF	CS	GU04070E05501		0.0383	1.01	3.66		1.7	1.05	3.82
E055	Pueblo above Acid	WT		UF	CS	GU04080E05501		-0.794	1.05	3.08		0.363	0.851	2.99
E055	Pueblo above Acid	WT		UF	CS	GU04080E05502		-0.369	0.95	3.27		1.7	0.951	3.38
E055	Pueblo above Acid	WT		UF	CS	GU04090E05501		0.679	1.06	3.86		7.13	2.47	3.63
E055	Pueblo above Acid	WT		UF	DUP	GU04070E05501		11.3	1.55	6.44		1.65	1.03	3.76
E055	Pueblo above Acid	WT		UF	DUP	GU04080E05501								
E055	Pueblo above Acid	WT		UF	DUP	GU04090E05501		1.55	0.919	4.38		5.5	2.57	4.02
E060	Pueblo above SR-502	WT	EQB	UF	CS	GU04080E06001		1.01	1.18	4.39		1.47	1.24	4.45
E060	Pueblo above SR-502	WT		UF	CS	GU04050E06001		0.126	0.925	3.52		-0.688	0.91	3.19
E060	Pueblo above SR-502	WT		UF	CS	GU04070E06001		1.14	1.08	4.06		1.73	1.16	4.12
E060	Pueblo above SR-502	WT		UF	CS	GU04070E06002		2.41	1.29	4.88		2.2	1.18	4.29
E060	Pueblo above SR-502	WT		UF	CS	GU04080E06002		2.59	1.11	4.25		0.504	1.07	3.73
E060	Pueblo above SR-502	WT		UF	DUP	GU04050E06001								
E060	Pueblo above SR-502	WT		UF	DUP	GU04070E06001								
E121	Sandia right fork at Power Plant	WT		UF	CS	GU04070E12101		-1.2	1.01	3.38		1.12	0.972	3.43
E121	Sandia right fork at Power Plant	WT		UF	CS	GU04080E12102		-1.63	1.49	5.02		0.715	1.37	4.86
E121	Sandia right fork at Power Plant	WT		UF	CS	GU04090E12101		0.382	1.13	4.09		1.82	1.07	3.91
E121	Sandia right fork at Power Plant	WT		UF	DUP	GU04080E12102		1.96	0.995	3.74		1.9	0.946	3.42
E121	Sandia right fork at Power Plant	WT		UF	DUP	GU04090E12101		1.51	1.17	4.4		-0.706	1.03	3.55
E124	Sandia above Firing Range	WT		UF	CS	GU04080E12402		5.63	1.99	3.62		0.643	0.948	3.36

Table I-10. Watershed Storm Water Monitoring, 2004
Analytical Results for Radionuclides

						Anyl Meth Code	EPA:901.1				EPA:901.1			
						Analyte	Co-60				Cs-137			
						Std Uom	pCi/L				pCi/L			
							Sym	Result	Uncert	MDA	Sym	Result	Uncert	MDA
Location Synonym	Location Name	Fld Matrix Code	Fld Qc Type Code	Fld Prep Code	Lab Sample Type Code	Sample Id								
E124	Sandia above Firing Range	WT		UF	CS	GU04080E12403		0.67	0.933	3.39		2.74	1.72	2.97
E124	Sandia above Firing Range	WT		UF	CS	GU04100E12402		2.2	0.902	4.37		1.09	1.19	4.32
E124	Sandia above Firing Range	WT		UF	DUP	GU04100E12402		0.0949	0.481	1.71		-0.442	0.501	1.71
E200	Mortandad below Effluent Canyon	WT		UF	CS	GU04070E20001		-0.957	1.09	3.16		10.3	1.71	2.74
E200	Mortandad below Effluent Canyon	WT		UF	CS	GU04080E20001		-1.33	1.34	4.64		23.7	3.52	4.81
E200	Mortandad below Effluent Canyon	WT		UF	CS	GU04080E20002		-0.991	0.87	2.9		5.79	1.24	3.27
E200	Mortandad below Effluent Canyon	WT		UF	CS	GU04080E20003		-1.34	1.05	3.53		33	2.49	3.49
E200	Mortandad below Effluent Canyon	WT		UF	DUP	GU04070E20001								
E200	Mortandad below Effluent Canyon	WT		UF	DUP	GU04080E20001								
E200	Mortandad below Effluent Canyon	WT		UF	DUP	GU04080E20002								
E201.3	Ten Site below MDA C	WT		UF	CS	GU0404E201303								
E201.3	Ten Site below MDA C	WT		UF	CS	GU0404E201305		8.55	2.3	5.77		1.86	1.45	5.24
E201.3	Ten Site below MDA C	WT		UF	CS	GU0407E201301								
E201.3	Ten Site below MDA C	WT		UF	DUP	GU0404E201303								
E201.3	Ten Site below MDA C	WT		UF	DUP	GU0404E201305								
E201.5	Ten Site above Mortandad	WT		UF	CS	GU0408E201501								
E218	Canada del Buey near TA-46	WT		UF	CS	GU04080E21801		0.517	2.7	5.34		-0.469	0.888	3.06
E218	Canada del Buey near TA-46	WT		UF	CS	GU04100E21801		0.137	1.16	4.13		-0.42	1.07	3.6
E218	Canada del Buey near TA-46	WT		UF	CS	GU04100E21802								
E218	Canada del Buey near TA-46	WT		UF	DUP	GU04100E21801								
E227	MDA G-13	WT		UF	CS	GU04080E22701								
E230	Canada del Buey above SR-4	WT		UF	CS	GU04080E23001		0.0178	1.12	4.01		2.93	1.67	3.61
E230	Canada del Buey above SR-4	WT		UF	CS	GU04080E23002		-0.354	1.1	3.83		0.448	1.87	3.49
E230	Canada del Buey above SR-4	WT		UF	CS	GU04100E23001		0.86	0.968	3.52		0.911	0.916	3.2
E230	Canada del Buey above SR-4	WT		UF	DUP	GU04080E23001		1.53	1.37	5.24		7.34	2.67	4.83
E230	Canada del Buey above SR-4	WT		UF	DUP	GU04100E23001								
E240	Pajarito below SR-501	WT	EQB	UF	CS	GU04080E24001		-1.05	1.29	4.52		-2.17	1.26	4.13
E240	Pajarito below SR-501	WT	EQB	UF	DUP	GU04080E24001								
E240	Pajarito below SR-501	WT		UF	CS	GU04050E24001		-1.15	0.997	3.46		3.17	1.49	3.36
E243	Pajarito above Twomile	WM		UF	CS	GU04040M24301		-0.182	1.11	3.94		-0.286	0.933	3.22

Table I-10. Watershed Storm Water Monitoring, 2004
Analytical Results for Radionuclides

						Anyl Meth Code	EPA:901.1				EPA:901.1			
						Analyte	Co-60				Cs-137			
						Std Uom	pCi/L				pCi/L			
							Sym	Result	Uncert	MDA	Sym	Result	Uncert	MDA
Location Synonym	Location Name	Fld Matrix Code	Fld Qc Type Code	Fld Prep Code	Lab Sample Type Code	Sample Id								
E243	Pajarito above Twomile	WM		UF	DUP	GU04040M24301		0.764	3.46	6.53		-1.57	1.59	5.43
E243.5	Twomile tributary at TA-3	WT	EQB	UF	CS	GU0405E243501		2.1	1.05	4.11		0.967	0.949	3.43
E243.5	Twomile tributary at TA-3	WT	EQB	UF	CS	GU0408E243501		0.27	0.918	3.29		1.02	0.94	3.35
E243.5	Twomile tributary at TA-3	WT	EQB	UF	DUP	GU0405E243501								
E243.5	Twomile tributary at TA-3	WT	FD	UF	CS	GU0407E243594		1.15	1.22	4.57		-0.991	1.27	4.33
E243.5	Twomile tributary at TA-3	WT	FD	UF	DUP	GU0407E243594								
E243.5	Twomile tributary at TA-3	WT		UF	CS	GU0406E243501		10.7	2.12	8.8		-0.0999	1.24	4.4
E243.5	Twomile tributary at TA-3	WT		UF	CS	GU0407E243501								
E243.5	Twomile tributary at TA-3	WT		UF	CS	GU0407E243503		10.4	1.6	6.73		5.76	1.47	3.95
E243.5	Twomile tributary at TA-3	WT		UF	CS	GU0407E243504		0.432	1.04	3.83		-0.167	0.995	3.47
E243.5	Twomile tributary at TA-3	WT		UF	CS	GU0407E243505								
E243.5	Twomile tributary at TA-3	WT		UF	CS	GU0409E243501		8.36	1.72	7.42		1.24	1.18	4.42
E243.5	Twomile tributary at TA-3	WT		UF	CS	GU0409E243502		-0.00312	1.36	5.1		0.391	1.41	5.09
E243.5	Twomile tributary at TA-3	WT		UF	CS	GU0409E243503		0.849	1.22	4.5		5.59	2	4.16
E243.5	Twomile tributary at TA-3	WT		UF	DUP	GU0406E243501								
E243.5	Twomile tributary at TA-3	WT		UF	DUP	GU0407E243501								
E243.5	Twomile tributary at TA-3	WT		UF	DUP	GU0407E243505								
E243.5	Twomile tributary at TA-3	WT		UF	DUP	GU0409E243501								
E243.5	Twomile tributary at TA-3	WT		UF	DUP	GU0409E243503								
E244	Twomile above Pajarito	WM		UF	CS	GU04040M24401		0.663	0.671	2.12		0.477	0.577	2.09
E244	Twomile above Pajarito	WT		UF	CS	GU04070E24401		-0.454	1.45	5.05		32.1	2.93	9.92
E244	Twomile above Pajarito	WT		UF	CS	GU04080E24401		0.705	1.14	4.18		1.76	1.18	4.28
E245	Pajarito above TA-18	WM		UF	CS	GU04040M24501		-0.0985	0.55	2.02		0.0961	0.589	2.1
E245	Pajarito above TA-18	WM		UF	DUP	GU04040M24501								
E245	Pajarito above TA-18	WT		UF	CS	GU04070E24501								
E245	Pajarito above TA-18	WT		UF	CS	GU04100E24501		0.171	1.51	5.33		3.15	3.84	5.4
E245	Pajarito above TA-18	WT		UF	DUP	GU04100E24501		-0.0619	1.47	5.31		1.37	1.34	4.89
E245.5	Pajarito above Threemile	WM		UF	CS	GU0404M245501		0.194	0.718	2.29		0.833	0.584	2.14
E245.5	Pajarito above Threemile	WM		UF	DUP	GU0404M245501								
E245.5	Pajarito above Threemile	WT		UF	CS	GU0407E245501		0.937	1.21	4.39		3.53	1.39	3.96

Table I-10. Watershed Storm Water Monitoring, 2004
Analytical Results for Radionuclides

						Anyl Meth Code	EPA:901.1				EPA:901.1			
						Analyte	Co-60				Cs-137			
						Std Uom	pCi/L				pCi/L			
							Sym	Result	Uncert	MDA	Sym	Result	Uncert	MDA
Location Synonym	Location Name	Fld Matrix Code	Fld Qc Type Code	Fld Prep Code	Lab Sample Type Code	Sample Id								
E245.5	Pajarito above Threemile	WT		UF	CS	GU0408E245501		-0.549	1.11	3.81		3.07	1.78	3.38
E245.5	Pajarito above Threemile	WT		UF	CS	GU0410E245501								
E245.5	Pajarito above Threemile	WT		UF	DUP	GU0407E245501								
E245.5	Pajarito above Threemile	WT		UF	DUP	GU0408E245501		-2.9	1.3	4.27		0.387	1.16	4.12
E245.5	Pajarito above Threemile	WT		UF	DUP	GU0410E245501								
E246	Threemile above Pajarito	WT		UF	CS	GU04070E24601		-0.41	1.09	3.8		11.9	2.2	3.04
E246	Threemile above Pajarito	WT		UF	CS	GU04080E24601		0.386	0.88	3.18		5.19	1.27	2.79
E246	Threemile above Pajarito	WT		UF	DUP	GU04070E24601								
E247	MDA G-1	WT		UF	CS	GU04080E24701		-0.157	1.35	4.84		5.85	2.24	4.6
E247	MDA G-1	WT		UF	CS	GU04100E24701		-0.315	0.957	3.36		-0.727	0.975	3.34
E247	MDA G-1	WT		UF	CS	GU04100E24702								
E247	MDA G-1	WT		UF	DUP	GU04080E24701								
E247	MDA G-1	WT		UF	DUP	GU04100E24701		3.47	3.24	5.72		1.21	1.11	4.01
E247	MDA G-1	WT		UF	DUP	GU04100E24702								
E248.5	MDA G-6U	WT		UF	CS	GU0404E248502								
E248.5	MDA G-6U	WT		UF	CS	GU0407E248501								
E248.5	MDA G-6U	WT		UF	CS	GU0408E248501		-2.38	1.11	3.56		0.809	1.09	3.9
E249	MDA G-4	WT		UF	CS	GU04080E24901								
E250	Pajarito above SR-4	WT		UF	CS	GU04040E25002		0.944	1.31	4.95		4	1.41	4.36
E250	Pajarito above SR-4	WT		UF	DUP	GU04040E25002		-1.35	1.05	3.64		3.56	1.65	3.78
E262.5	Water below MDA AB	WM		UF	CS	GU0404M262501		1.98	1.22	4.17		7.48	1.22	4.73
E262.5	Water below MDA AB	WM		UF	DUP	GU0404M262501								
E262.5	Water below MDA AB	WT		UF	CS	GU0410E262501		0.561	1.22	4.61		-1.09	1.47	4.37
E263	Water at SR-4	WT		UF	CS	GU04080E26301		0.693	1.18	4.28		8.3	1.89	3.54
E265	Water below SR-4	WT	EQB	UF	CS	GU04080E26501		-1.39	0.991	3.3		-0.464	0.994	3.41
E265	Water below SR-4	WT		UF	CS	GU04050E26501		0.199	1.1	3.95		0.989	1.05	3.72
E265	Water below SR-4	WT		UF	CS	GU04080E26502		0.108	1.56	4.79		9.06	1.93	4.37
E265	Water below SR-4	WT		UF	CS	GU04080E26503		-0.212	1.02	3.59		8.14	1.75	2.89

Table I-10. Watershed Storm Water Monitoring, 2004
Analytical Results for Radionuclides

						Anyl Meth Code	EPA:901.1				EPA:901.1			
						Analyte	K-40				Na-22			
						Std Uom	pCi/L				pCi/L			
							Sym	Result	Uncert	MDA	Sym	Result	Uncert	MDA
Location Synonym	Location Name	Fld Matrix Code	Fld Qc Type Code	Fld Prep Code	Lab Sample Type Code	Sample Id								
E026	Los Alamos below Ice Rink	WM		UF	CS	GU04040M02601		9.74	12.5	18.8		-1.03	0.601	1.98
E026	Los Alamos below Ice Rink	WM		UF	DUP	GU04040M02601								
E026	Los Alamos below Ice Rink	WT	EQB	UF	CS	GU04080E02601		3.27	25.8	30.6		-1.1	1.23	3.62
E026	Los Alamos below Ice Rink	WT		UF	CS	GU04050E02601		53.2	25.6	31.5		3.35	0.876	3.52
E030	Los Alamos above DP Canyon	WT		UF	CS	GU04070E03001								
E030	Los Alamos above DP Canyon	WT		UF	CS	GU04070E03002		78.6	25.2	36.8		-0.554	0.91	3.21
E030	Los Alamos above DP Canyon	WT		UF	CS	GU04080E03001		127	23	31.3		-0.743	0.935	3.22
E030	Los Alamos above DP Canyon	WT		UF	CS	GU04090E03001		54.5	30.7	36.8		0.329	1.07	3.87
E030	Los Alamos above DP Canyon	WT		UF	CS	GU04100E03001		112	29.2	35.4		1.36	1.08	3.95
E030	Los Alamos above DP Canyon	WT		UF	DUP	GU04090E03001								
E038	DP above TA-21	WT	FD	UF	CS	GU04070E03890								
E038	DP above TA-21	WT	FD	UF	CS	GU04070E03891		6.57	27.3	39.2		-1.67	1.21	4.06
E038	DP above TA-21	WT		UF	CS	GU04060E03801		86.3	37.4	44.4		1.25	1.34	5.13
E038	DP above TA-21	WT		UF	CS	GU04070E03801								
E038	DP above TA-21	WT		UF	CS	GU04070E03802		53.5	28.8	49.3		0.975	1.42	4.61
E038	DP above TA-21	WT		UF	CS	GU04070E03803		34.9	39.7	40.9		0.26	1.13	4.1
E038	DP above TA-21	WT		UF	CS	GU04070E03804								
E038	DP above TA-21	WT		UF	CS	GU04080E03801		47.4	26.2	35.6		-0.229	1.06	3.72
E038	DP above TA-21	WT		UF	DUP	GU04060E03801								
E038	DP above TA-21	WT		UF	DUP	GU04070E03802								
E039	DP below Meadow at TA-21	WT	EQB	UF	CS	GU04070E03904		36.7	30.7	34.6		0.0406	1.08	3.86
E039	DP below Meadow at TA-21	WT	EQB	UF	DUP	GU04070E03904								
E039	DP below Meadow at TA-21	WT		UF	CS	GU04050E03901		28.2	23	37.1		-1.08	1.08	3.63
E039	DP below Meadow at TA-21	WT		UF	CS	GU04070E03901		62.9	17.4	51		0.743	1.37	5.08
E039	DP below Meadow at TA-21	WT		UF	CS	GU04070E03902		56	27.2	29.9		1.47	1.04	3.92
E039	DP below Meadow at TA-21	WT		UF	CS	GU04070E03903		5.7	34	51.2		-0.993	1.48	5.04
E039	DP below Meadow at TA-21	WT		UF	DUP	GU04050E03901		23	12.6	47.3		-1.15	1.03	3.46
E040	DP above Los Alamos Canyon	WT		UF	CS	GU04070E04001		92.5	13.7	57.1		-0.138	0.958	3.45
E040	DP above Los Alamos Canyon	WT		UF	CS	GU04070E04002		170	31.2	42.4		-2.52	1.37	4.59
E040	DP above Los Alamos Canyon	WT		UF	CS	GU04080E04001		44.6	24.7	31.4		-0.134	0.907	3.19

Table I-10. Watershed Storm Water Monitoring, 2004
Analytical Results for Radionuclides

						Anyl Meth Code	EPA:901.1				EPA:901.1			
						Analyte	K-40				Na-22			
						Std Uom	pCi/L				pCi/L			
							Sym	Result	Uncert	MDA	Sym	Result	Uncert	MDA
Location Synonym	Location Name	Fld Matrix Code	Fld Qc Type Code	Fld Prep Code	Lab Sample Type Code	Sample Id								
E040	DP above Los Alamos Canyon	WT		UF	CS	GU04080E04003		54.7	21.1	30.5		0.191	0.847	3.05
E040	DP above Los Alamos Canyon	WT		UF	DUP	GU04070E04001		17.2	27.5	30.5		0.733	0.928	3.34
E040	DP above Los Alamos Canyon	WT		UF	DUP	GU04080E04001		81.2	23.3	32.1		-1.36	1.03	3.42
E042	Los Alamos above SR-4	WT		UF	CS	GU04070E04201		103	35	37		1.66	1.15	4.28
E042	Los Alamos above SR-4	WT		UF	CS	GU04080E04201		248	27.9	35		-0.495	1.04	3.56
E042	Los Alamos above SR-4	WT		UF	CS	GU04100E04201		52.1	30.3	35.6		-1.21	1.14	3.86
E042	Los Alamos above SR-4	WT		UF	CS	GU04100E04202		33.4	33.3	73.2		0.436	2.02	7.75
E042	Los Alamos above SR-4	WT		UF	DUP	GU04080E04201		236	34.4	33.7		-0.508	1.09	3.79
E050	Los Alamos below LA Weir	WM		UF	CS	GU04040M05001		21.8	34.4	58.7		0.326	1.37	4.91
E050	Los Alamos below LA Weir	WM		UF	DUP	GU04040M05001								
E055	Pueblo above Acid	WT		UF	CS	GU04070E05501		40.1	28.8	46.2		-0.601	1.1	3.86
E055	Pueblo above Acid	WT		UF	CS	GU04080E05501		83.2	24.2	31.3		0.267	0.891	3.22
E055	Pueblo above Acid	WT		UF	CS	GU04080E05502		108	26.8	29.2		1.07	0.971	3.55
E055	Pueblo above Acid	WT		UF	CS	GU04090E05501		40.6	27.2	34.1		1.33	1.06	3.93
E055	Pueblo above Acid	WT		UF	DUP	GU04070E05501		16.5	29.5	34.6		-1.08	0.981	3.2
E055	Pueblo above Acid	WT		UF	DUP	GU04080E05501								
E055	Pueblo above Acid	WT		UF	DUP	GU04090E05501		89.9	27.5	40.4		-0.897	1.09	3.76
E060	Pueblo above SR-502	WT	EQB	UF	CS	GU04080E06001		78.8	15.3	61.1		0.153	1.14	4.14
E060	Pueblo above SR-502	WT		UF	CS	GU04050E06001						-1.36	0.933	3.14
E060	Pueblo above SR-502	WT		UF	CS	GU04070E06001		75.8	26.9	41.7		-1.13	1.08	3.65
E060	Pueblo above SR-502	WT		UF	CS	GU04070E06002		83.5	27.4	43.8		-0.713	1.14	4.02
E060	Pueblo above SR-502	WT		UF	CS	GU04080E06002		18	37.2	33.1		0.5	1.16	3.68
E060	Pueblo above SR-502	WT		UF	DUP	GU04050E06001								
E060	Pueblo above SR-502	WT		UF	DUP	GU04070E06001								
E121	Sandia right fork at Power Plant	WT		UF	CS	GU04070E12101		72.7	13.2	53.4		0.705	1.27	3.67
E121	Sandia right fork at Power Plant	WT		UF	CS	GU04080E12102		7.59	45	49.8		0.983	1.39	5.3
E121	Sandia right fork at Power Plant	WT		UF	CS	GU04090E12101		21	23.5	36.5		-0.609	1.08	3.78
E121	Sandia right fork at Power Plant	WT		UF	DUP	GU04080E12102		36.7	21	29		-0.955	1.16	3.37
E121	Sandia right fork at Power Plant	WT		UF	DUP	GU04090E12101		75.8	29.5	37.5		-0.978	1.29	4.41
E124	Sandia above Firing Range	WT		UF	CS	GU04080E12402		84.3	25.1	33.1		-0.418	0.979	3.4

Table I-10. Watershed Storm Water Monitoring, 2004
Analytical Results for Radionuclides

						Anyl Meth Code	EPA:901.1				EPA:901.1			
						Analyte	K-40				Na-22			
						Std Uom	pCi/L				pCi/L			
							Sym	Result	Uncert	MDA	Sym	Result	Uncert	MDA
Location Synonym	Location Name	Fld Matrix Code	Fld Qc Type Code	Fld Prep Code	Lab Sample Type Code	Sample Id								
E124	Sandia above Firing Range	WT		UF	CS	GU04080E12403		87.1	29.1	31.3		-0.826	0.927	3.15
E124	Sandia above Firing Range	WT		UF	CS	GU04100E12402		28.6	16.7	41.3		0.0224	1.2	4.35
E124	Sandia above Firing Range	WT		UF	DUP	GU04100E12402		39.4	6.67	26.2		-0.891	0.47	1.53
E200	Mortandad below Effluent Canyon	WT		UF	CS	GU04070E20001		4.93	22.3	31		0.883	0.933	3.44
E200	Mortandad below Effluent Canyon	WT		UF	CS	GU04080E20001		44.9	27.8	47.5		-0.27	1.35	4.88
E200	Mortandad below Effluent Canyon	WT		UF	CS	GU04080E20002		17.2	26.2	27.9		-0.712	0.782	2.65
E200	Mortandad below Effluent Canyon	WT		UF	CS	GU04080E20003		71.1	29.2	33.8		0.0791	1.04	3.69
E200	Mortandad below Effluent Canyon	WT		UF	DUP	GU04070E20001								
E200	Mortandad below Effluent Canyon	WT		UF	DUP	GU04080E20001								
E200	Mortandad below Effluent Canyon	WT		UF	DUP	GU04080E20002								
E201.3	Ten Site below MDA C	WT		UF	CS	GU0404E201303								
E201.3	Ten Site below MDA C	WT		UF	CS	GU0404E201305		10.8	35.5	70.2		-1.21	1.45	5.02
E201.3	Ten Site below MDA C	WT		UF	CS	GU0407E201301								
E201.3	Ten Site below MDA C	WT		UF	DUP	GU0404E201303								
E201.3	Ten Site below MDA C	WT		UF	DUP	GU0404E201305								
E201.5	Ten Site above Mortandad	WT		UF	CS	GU0408E201501								
E218	Canada del Buey near TA-46	WT		UF	CS	GU04080E21801		32.5	18.5	29.6		1.87	0.763	3.02
E218	Canada del Buey near TA-46	WT		UF	CS	GU04100E21801		67.5	13.8	55.9		-1.36	1.16	3.91
E218	Canada del Buey near TA-46	WT		UF	CS	GU04100E21802								
E218	Canada del Buey near TA-46	WT		UF	DUP	GU04100E21801								
E227	MDA G-13	WT		UF	CS	GU04080E22701								
E230	Canada del Buey above SR-4	WT		UF	CS	GU04080E23001		229	33.9	34.6		0.726	1.09	4.02
E230	Canada del Buey above SR-4	WT		UF	CS	GU04080E23002		96.1	29.5	35.2		4.13	2.35	3.61
E230	Canada del Buey above SR-4	WT		UF	CS	GU04100E23001		109	26.7	28.1		0.507	0.875	3.18
E230	Canada del Buey above SR-4	WT		UF	DUP	GU04080E23001		197	36.6	45		-1.71	1.34	4.44
E230	Canada del Buey above SR-4	WT		UF	DUP	GU04100E23001								
E240	Pajarito below SR-501	WT	EQB	UF	CS	GU04080E24001		32	14.8	59.3		0.543	1.22	4.62
E240	Pajarito below SR-501	WT	EQB	UF	DUP	GU04080E24001								
E240	Pajarito below SR-501	WT		UF	CS	GU04050E24001		16.1	26.8	39.2		0.123	1.04	3.67
E243	Pajarito above Twomile	WM		UF	CS	GU04040M24301		33.8	26.2	39.7		-0.729	1.03	3.57

Table I-10. Watershed Storm Water Monitoring, 2004
Analytical Results for Radionuclides

						Anyl Meth Code	EPA:901.1				EPA:901.1			
						Analyte	K-40				Na-22			
						Std Uom	pCi/L				pCi/L			
							Sym	Result	Uncert	MDA	Sym	Result	Uncert	MDA
Location Synonym	Location Name	Fld Matrix Code	Fld Qc Type Code	Fld Prep Code	Lab Sample Type Code	Sample Id								
E243	Pajarito above Twomile	WM		UF	DUP	GU04040M24301		93.7	24.5	101		-0.13	1.77	6.5
E243.5	Twomile tributary at TA-3	WT	EQB	UF	CS	GU0405E243501		49.5	12.5	50.5		0.23	1.18	3.72
E243.5	Twomile tributary at TA-3	WT	EQB	UF	CS	GU0408E243501		5.49	25.3	30.8		0.883	0.957	3.49
E243.5	Twomile tributary at TA-3	WT	EQB	UF	DUP	GU0405E243501								
E243.5	Twomile tributary at TA-3	WT	FD	UF	CS	GU0407E243594		69	34.1	40.5		3.47	1.23	4.96
E243.5	Twomile tributary at TA-3	WT	FD	UF	DUP	GU0407E243594								
E243.5	Twomile tributary at TA-3	WT		UF	CS	GU0406E243501		85.9	18.3	77.5		0.0794	1.18	4.28
E243.5	Twomile tributary at TA-3	WT		UF	CS	GU0407E243501								
E243.5	Twomile tributary at TA-3	WT		UF	CS	GU0407E243503		71.9	35.2	40.5		1.62	1.21	4.48
E243.5	Twomile tributary at TA-3	WT		UF	CS	GU0407E243504		15.1	22.1	34.6		-1.26	1.05	3.55
E243.5	Twomile tributary at TA-3	WT		UF	CS	GU0407E243505								
E243.5	Twomile tributary at TA-3	WT		UF	CS	GU0409E243501		45.1	16.2	66.1		0.851	1.24	4.65
E243.5	Twomile tributary at TA-3	WT		UF	CS	GU0409E243502		57.5	32.9	49.5		0.364	1.46	5.5
E243.5	Twomile tributary at TA-3	WT		UF	CS	GU0409E243503		35.3	28.4	43.7		1.88	1.09	4.28
E243.5	Twomile tributary at TA-3	WT		UF	DUP	GU0406E243501								
E243.5	Twomile tributary at TA-3	WT		UF	DUP	GU0407E243501								
E243.5	Twomile tributary at TA-3	WT		UF	DUP	GU0407E243505								
E243.5	Twomile tributary at TA-3	WT		UF	DUP	GU0409E243501								
E243.5	Twomile tributary at TA-3	WT		UF	DUP	GU0409E243503								
E244	Twomile above Pajarito	WM		UF	CS	GU04040M24401		28.4	7.33	29.3		0.352	0.601	2.22
E244	Twomile above Pajarito	WT		UF	CS	GU04070E24401		94.4	40.8	47.6		0.0197	1.58	5.58
E244	Twomile above Pajarito	WT		UF	CS	GU04080E24401		48.3	31.6	42.6		0.933	1.27	4.14
E245	Pajarito above TA-18	WM		UF	CS	GU04040M24501		13.4	11.6	19.4		0.209	0.54	1.96
E245	Pajarito above TA-18	WM		UF	DUP	GU04040M24501								
E245	Pajarito above TA-18	WT		UF	CS	GU04070E24501								
E245	Pajarito above TA-18	WT		UF	CS	GU04100E24501		72.4	33.7	52.6		1.92	1.51	5.59
E245	Pajarito above TA-18	WT		UF	DUP	GU04100E24501		50.8	32.4	48.3		2.1	0.892	4.64
E245.5	Pajarito above Threemile	WM		UF	CS	GU0404M245501		14.6	7.58	29.1		-0.619	0.672	2.3
E245.5	Pajarito above Threemile	WM		UF	DUP	GU0404M245501								
E245.5	Pajarito above Threemile	WT		UF	CS	GU0407E245501		123	33.4	40.3		0.314	1.13	4.05

Table I-10. Watershed Storm Water Monitoring, 2004
Analytical Results for Radionuclides

						Anyl Meth Code	EPA:901.1				EPA:901.1			
						Analyte	K-40				Na-22			
						Std Uom	pCi/L				pCi/L			
							Sym	Result	Uncert	MDA	Sym	Result	Uncert	MDA
Location Synonym	Location Name	Fld Matrix Code	Fld Qc Type Code	Fld Prep Code	Lab Sample Type Code	Sample Id								
E245.5	Pajarito above Threemile	WT		UF	CS	GU0408E245501		46.9	29.2	37.7		-0.305	1.06	3.71
E245.5	Pajarito above Threemile	WT		UF	CS	GU0410E245501								
E245.5	Pajarito above Threemile	WT		UF	DUP	GU0407E245501								
E245.5	Pajarito above Threemile	WT		UF	DUP	GU0408E245501		27.9	32	39.6		0.712	1.36	4.42
E245.5	Pajarito above Threemile	WT		UF	DUP	GU0410E245501								
E246	Threemile above Pajarito	WT		UF	CS	GU04070E24601		167	28.4	34.6		-0.284	0.974	3.45
E246	Threemile above Pajarito	WT		UF	CS	GU04080E24601		131	28.1	31.8		-0.969	0.89	3.02
E246	Threemile above Pajarito	WT		UF	DUP	GU04070E24601								
E247	MDA G-1	WT		UF	CS	GU04080E24701		228	38.9	45.9		4.32	1.57	5.36
E247	MDA G-1	WT		UF	CS	GU04100E24701		75.3	22.4	37.7		-1.41	0.945	3.16
E247	MDA G-1	WT		UF	CS	GU04100E24702								
E247	MDA G-1	WT		UF	DUP	GU04080E24701								
E247	MDA G-1	WT		UF	DUP	GU04100E24701		40.8	23.2	27.5		-1.49	1.08	3.47
E247	MDA G-1	WT		UF	DUP	GU04100E24702								
E248.5	MDA G-6U	WT		UF	CS	GU0404E248502								
E248.5	MDA G-6U	WT		UF	CS	GU0407E248501								
E248.5	MDA G-6U	WT		UF	CS	GU0408E248501		99.3	25	42.9		0.716	0.987	3.68
E249	MDA G-4	WT		UF	CS	GU04080E24901								
E250	Pajarito above SR-4	WT		UF	CS	GU04040E25002		40.5	32.2	43.2		-1.42	1.29	4.44
E250	Pajarito above SR-4	WT		UF	DUP	GU04040E25002						1.57	1.12	4.29
E262.5	Water below MDA AB	WM		UF	CS	GU0404M262501		1.26	21.8	33.9		0.264	1.01	3.69
E262.5	Water below MDA AB	WM		UF	DUP	GU0404M262501								
E262.5	Water below MDA AB	WT		UF	CS	GU0410E262501		40.1	24	38		0.452	1.38	4.54
E263	Water at SR-4	WT		UF	CS	GU04080E26301		482	37	38		-0.462	1.38	4.12
E265	Water below SR-4	WT	EQB	UF	CS	GU04080E26501		62.6	13.6	54.9		-0.414	1.05	3.7
E265	Water below SR-4	WT		UF	CS	GU04050E26501		41.7	13.6	52.7		0.903	0.978	3.68
E265	Water below SR-4	WT		UF	CS	GU04080E26502		511	48.2	43.6		-0.396	1.31	4.62
E265	Water below SR-4	WT		UF	CS	GU04080E26503		202	29.9	31.7		-1.45	1.02	3.4

Table I-10. Watershed Storm Water Monitoring, 2004
Analytical Results for Radionuclides

						Anyl Meth Code	EPA:901.1				EPA:903.1			
						Analyte	Np-237				Ra-226			
						Std Uom	pCi/L				pCi/L			
							Sym	Result	Uncert	MDA	Sym	Result	Uncert	MDA
Location Synonym	Location Name	Fld Matrix Code	Fld Qc Type Code	Fld Prep Code	Lab Sample Type Code	Sample Id								
E026	Los Alamos below Ice Rink	WM		UF	CS	GU04040M02601		0.26	4.03	14.2		0.277	0.155	0.488
E026	Los Alamos below Ice Rink	WM		UF	DUP	GU04040M02601								
E026	Los Alamos below Ice Rink	WT	EQB	UF	CS	GU04080E02601		-6.67	7.67	24.1				
E026	Los Alamos below Ice Rink	WT		UF	CS	GU04050E02601		4.21	6.09	20.6				
E030	Los Alamos above DP Canyon	WT		UF	CS	GU04070E03001								
E030	Los Alamos above DP Canyon	WT		UF	CS	GU04070E03002		-3.59	7.49	23.4				
E030	Los Alamos above DP Canyon	WT		UF	CS	GU04080E03001		-2.34	6.72	20.1				
E030	Los Alamos above DP Canyon	WT		UF	CS	GU04090E03001		5.78	7.71	23.9				
E030	Los Alamos above DP Canyon	WT		UF	CS	GU04100E03001		8.7	11.8	19.2				
E030	Los Alamos above DP Canyon	WT		UF	DUP	GU04090E03001								
E038	DP above TA-21	WT	FD	UF	CS	GU04070E03890								
E038	DP above TA-21	WT	FD	UF	CS	GU04070E03891		-13.2	7.38	23.7				
E038	DP above TA-21	WT		UF	CS	GU04060E03801		5.8	14.3	29.3				
E038	DP above TA-21	WT		UF	CS	GU04070E03801								
E038	DP above TA-21	WT		UF	CS	GU04070E03802		-7.97	8.88	28.9				
E038	DP above TA-21	WT		UF	CS	GU04070E03803		11.7	5.32	17.3				
E038	DP above TA-21	WT		UF	CS	GU04070E03804								
E038	DP above TA-21	WT		UF	CS	GU04080E03801		13.3	9.47	25.5				
E038	DP above TA-21	WT		UF	DUP	GU04060E03801								
E038	DP above TA-21	WT		UF	DUP	GU04070E03802								
E039	DP below Meadow at TA-21	WT	EQB	UF	CS	GU04070E03904		-22.5	7.57	22.9				
E039	DP below Meadow at TA-21	WT	EQB	UF	DUP	GU04070E03904								
E039	DP below Meadow at TA-21	WT		UF	CS	GU04050E03901		2.79	6	20.8				
E039	DP below Meadow at TA-21	WT		UF	CS	GU04070E03901		7.18	4.61	14.5				
E039	DP below Meadow at TA-21	WT		UF	CS	GU04070E03902		-4.3	6.86	22.7				
E039	DP below Meadow at TA-21	WT		UF	CS	GU04070E03903		11.4	14.6	28.5				
E039	DP below Meadow at TA-21	WT		UF	DUP	GU04050E03901		5.6	7.43	23.1				
E040	DP above Los Alamos Canyon	WT		UF	CS	GU04070E04001		-3.08	6.68	23.2				
E040	DP above Los Alamos Canyon	WT		UF	CS	GU04070E04002		0.404	4.65	14.4				
E040	DP above Los Alamos Canyon	WT		UF	CS	GU04080E04001		4.7	5.89	20.2				

Table I-10. Watershed Storm Water Monitoring, 2004
Analytical Results for Radionuclides

						Anyl Meth Code	EPA:901.1				EPA:903.1			
						Analyte	Np-237				Ra-226			
						Std Uom	pCi/L				pCi/L			
							Sym	Result	Uncert	MDA	Sym	Result	Uncert	MDA
Location Synonym	Location Name	Fld Matrix Code	Fld Qc Type Code	Fld Prep Code	Lab Sample Type Code	Sample Id								
E040	DP above Los Alamos Canyon	WT		UF	CS	GU04080E04003		-2.24	5.66	19.6				
E040	DP above Los Alamos Canyon	WT		UF	DUP	GU04070E04001		12.4	5.93	19.8				
E040	DP above Los Alamos Canyon	WT		UF	DUP	GU04080E04001		-5.8	7.34	23.9				
E042	Los Alamos above SR-4	WT		UF	CS	GU04070E04201		-1.62	6.88	21.6				
E042	Los Alamos above SR-4	WT		UF	CS	GU04080E04201		4.05	7.65	19.4				
E042	Los Alamos above SR-4	WT		UF	CS	GU04100E04201		3.44	12.6	28.1				
E042	Los Alamos above SR-4	WT		UF	CS	GU04100E04202		3.41	20	40.3				
E042	Los Alamos above SR-4	WT		UF	DUP	GU04080E04201		7.49	7.63	22.5				
E050	Los Alamos below LA Weir	WM		UF	CS	GU04040M05001		-17.8	8.96	28		0.542	0.152	0.315
E050	Los Alamos below LA Weir	WM		UF	DUP	GU04040M05001								
E055	Pueblo above Acid	WT		UF	CS	GU04070E05501		1.22	6.02	21.2				
E055	Pueblo above Acid	WT		UF	CS	GU04080E05501		2.8	7	20.7				
E055	Pueblo above Acid	WT		UF	CS	GU04080E05502		0.88	5.36	18.4				
E055	Pueblo above Acid	WT		UF	CS	GU04090E05501		11.8	11.7	21.6				
E055	Pueblo above Acid	WT		UF	DUP	GU04070E05501		3.66	5.85	20.6				
E055	Pueblo above Acid	WT		UF	DUP	GU04080E05501								
E055	Pueblo above Acid	WT		UF	DUP	GU04090E05501		-2.4	8.46	27.9				
E060	Pueblo above SR-502	WT	EQB	UF	CS	GU04080E06001		3.61	13.5	30				
E060	Pueblo above SR-502	WT		UF	CS	GU04050E06001		-11.1	8.27	23.9				
E060	Pueblo above SR-502	WT		UF	CS	GU04070E06001		1.62	6.79	23.3				
E060	Pueblo above SR-502	WT		UF	CS	GU04070E06002		-6.11	3.92	12.5				
E060	Pueblo above SR-502	WT		UF	CS	GU04080E06002		-7.86	6.94	21.5				
E060	Pueblo above SR-502	WT		UF	DUP	GU04050E06001								
E060	Pueblo above SR-502	WT		UF	DUP	GU04070E06001								
E121	Sandia right fork at Power Plant	WT		UF	CS	GU04070E12101		-1.01	6.63	22.1				
E121	Sandia right fork at Power Plant	WT		UF	CS	GU04080E12102		22.1	9.71	33.2				
E121	Sandia right fork at Power Plant	WT		UF	CS	GU04090E12101		-1.38	8.03	24.1				
E121	Sandia right fork at Power Plant	WT		UF	DUP	GU04080E12102		1.17	6.62	19.9				
E121	Sandia right fork at Power Plant	WT		UF	DUP	GU04090E12101		0.647	4.47	15.4				
E124	Sandia above Firing Range	WT		UF	CS	GU04080E12402		-6.84	3.75	12.3				

Table I-10. Watershed Storm Water Monitoring, 2004
Analytical Results for Radionuclides

						Anyl Meth Code	EPA:901.1				EPA:903.1			
						Analyte	Np-237				Ra-226			
						Std Uom	pCi/L				pCi/L			
							Sym	Result	Uncert	MDA	Sym	Result	Uncert	MDA
Location Synonym	Location Name	Fld Matrix Code	Fld Qc Type Code	Fld Prep Code	Lab Sample Type Code	Sample Id								
E124	Sandia above Firing Range	WT		UF	CS	GU04080E12403		-12.1	6.21	20				
E124	Sandia above Firing Range	WT		UF	CS	GU04100E12402		0.285	8	27				
E124	Sandia above Firing Range	WT		UF	DUP	GU04100E12402		0.83	2.36	8.05				
E200	Mortandad below Effluent Canyon	WT		UF	CS	GU04070E20001		1.98	10	21.5				
E200	Mortandad below Effluent Canyon	WT		UF	CS	GU04080E20001		10.1	5.64	15.6				
E200	Mortandad below Effluent Canyon	WT		UF	CS	GU04080E20002		-7.49	5.62	18.2				
E200	Mortandad below Effluent Canyon	WT		UF	CS	GU04080E20003		-14.4	7.92	24.7				
E200	Mortandad below Effluent Canyon	WT		UF	DUP	GU04070E20001								
E200	Mortandad below Effluent Canyon	WT		UF	DUP	GU04080E20001								
E200	Mortandad below Effluent Canyon	WT		UF	DUP	GU04080E20002								
E201.3	Ten Site below MDA C	WT		UF	CS	GU0404E201303								
E201.3	Ten Site below MDA C	WT		UF	CS	GU0404E201305		-4.1	9.95	32.9				
E201.3	Ten Site below MDA C	WT		UF	CS	GU0407E201301								
E201.3	Ten Site below MDA C	WT		UF	DUP	GU0404E201303								
E201.3	Ten Site below MDA C	WT		UF	DUP	GU0404E201305								
E201.5	Ten Site above Mortandad	WT		UF	CS	GU0408E201501								
E218	Canada del Buey near TA-46	WT		UF	CS	GU04080E21801		2.37	5.44	17.2				
E218	Canada del Buey near TA-46	WT		UF	CS	GU04100E21801		9.86	7.88	26.3				
E218	Canada del Buey near TA-46	WT		UF	CS	GU04100E21802								
E218	Canada del Buey near TA-46	WT		UF	DUP	GU04100E21801								
E227	MDA G-13	WT		UF	CS	GU04080E22701								
E230	Canada del Buey above SR-4	WT		UF	CS	GU04080E23001		3.66	10.1	22.4				
E230	Canada del Buey above SR-4	WT		UF	CS	GU04080E23002		4.2	7.24	23.1				
E230	Canada del Buey above SR-4	WT		UF	CS	GU04100E23001		7.59	6.29	21.5				
E230	Canada del Buey above SR-4	WT		UF	DUP	GU04080E23001		18.1	8.33	27.4				
E230	Canada del Buey above SR-4	WT		UF	DUP	GU04100E23001								
E240	Pajarito below SR-501	WT	EQB	UF	CS	GU04080E24001		2.67	19.6	30.9				
E240	Pajarito below SR-501	WT	EQB	UF	DUP	GU04080E24001								
E240	Pajarito below SR-501	WT		UF	CS	GU04050E24001		8.6	7.03	21.9				
E243	Pajarito above Twomile	WM		UF	CS	GU04040M24301		-4.03	5.85	20.3		0.337	0.141	0.402

Table I-10. Watershed Storm Water Monitoring, 2004
Analytical Results for Radionuclides

						Anyl Meth Code	EPA:901.1				EPA:903.1			
						Analyte	Np-237				Ra-226			
						Std Uom	pCi/L				pCi/L			
							Sym	Result	Uncert	MDA	Sym	Result	Uncert	MDA
Location Synonym	Location Name	Fld Matrix Code	Fld Qc Type Code	Fld Prep Code	Lab Sample Type Code	Sample Id								
E243	Pajarito above Twomile	WM		UF	DUP	GU04040M24301		4.64	11.5	37.4		0.122	0.106	0.367
E243.5	Twomile tributary at TA-3	WT	EQB	UF	CS	GU0405E243501		9.67	5.89	20.9				
E243.5	Twomile tributary at TA-3	WT	EQB	UF	CS	GU0408E243501		-3.58	6.61	19.6				
E243.5	Twomile tributary at TA-3	WT	EQB	UF	DUP	GU0405E243501								
E243.5	Twomile tributary at TA-3	WT	FD	UF	CS	GU0407E243594		4.61	11.9	26.3				
E243.5	Twomile tributary at TA-3	WT	FD	UF	DUP	GU0407E243594								
E243.5	Twomile tributary at TA-3	WT		UF	CS	GU0406E243501		-9	7.58	25.8				
E243.5	Twomile tributary at TA-3	WT		UF	CS	GU0407E243501								
E243.5	Twomile tributary at TA-3	WT		UF	CS	GU0407E243503		-0.506	7.25	22.8				
E243.5	Twomile tributary at TA-3	WT		UF	CS	GU0407E243504		-4.61	8.04	25.4				
E243.5	Twomile tributary at TA-3	WT		UF	CS	GU0407E243505								
E243.5	Twomile tributary at TA-3	WT		UF	CS	GU0409E243501		7.18	8.12	26.3				
E243.5	Twomile tributary at TA-3	WT		UF	CS	GU0409E243502		6.94	12.8	28.5				
E243.5	Twomile tributary at TA-3	WT		UF	CS	GU0409E243503		1.83	8.73	29				
E243.5	Twomile tributary at TA-3	WT		UF	DUP	GU0406E243501								
E243.5	Twomile tributary at TA-3	WT		UF	DUP	GU0407E243501								
E243.5	Twomile tributary at TA-3	WT		UF	DUP	GU0407E243505								
E243.5	Twomile tributary at TA-3	WT		UF	DUP	GU0409E243501								
E243.5	Twomile tributary at TA-3	WT		UF	DUP	GU0409E243503								
E244	Twomile above Pajarito	WM		UF	CS	GU04040M24401		-4.34	4.78	15.8		-0.0716	0.134	0.568
E244	Twomile above Pajarito	WT		UF	CS	GU04070E24401		15.7	10.6	29.3				
E244	Twomile above Pajarito	WT		UF	CS	GU04080E24401		7.43	6.5	11.4				
E245	Pajarito above TA-18	WM		UF	CS	GU04040M24501		-0.372	4.52	14.2		0.228	0.14	0.452
E245	Pajarito above TA-18	WM		UF	DUP	GU04040M24501								
E245	Pajarito above TA-18	WT		UF	CS	GU04070E24501								
E245	Pajarito above TA-18	WT		UF	CS	GU04100E24501		-1.31	8.82	29.1				
E245	Pajarito above TA-18	WT		UF	DUP	GU04100E24501		-10.1	9.13	30.1				
E245.5	Pajarito above Threemile	WM		UF	CS	GU0404M245501		5.22	5.38	16.3		0.566	0.174	0.437
E245.5	Pajarito above Threemile	WM		UF	DUP	GU0404M245501								
E245.5	Pajarito above Threemile	WT		UF	CS	GU0407E245501		1.39	6.19	21.4				

Table I-10. Watershed Storm Water Monitoring, 2004
Analytical Results for Radionuclides

						Anyl Meth Code	EPA:901.1				EPA:903.1			
						Analyte	Np-237				Ra-226			
						Std Uom	pCi/L				pCi/L			
							Sym	Result	Uncert	MDA	Sym	Result	Uncert	MDA
Location Synonym	Location Name	Fld Matrix Code	Fld Qc Type Code	Fld Prep Code	Lab Sample Type Code	Sample Id								
E245.5	Pajarito above Threemile	WT		UF	CS	GU0408E245501		-5.13	6.12	20.7				
E245.5	Pajarito above Threemile	WT		UF	CS	GU0410E245501								
E245.5	Pajarito above Threemile	WT		UF	DUP	GU0407E245501								
E245.5	Pajarito above Threemile	WT		UF	DUP	GU0408E245501		-6.8	4.12	13.1				
E245.5	Pajarito above Threemile	WT		UF	DUP	GU0410E245501								
E246	Threemile above Pajarito	WT		UF	CS	GU04070E24601		-6.11	6.97	23.4				
E246	Threemile above Pajarito	WT		UF	CS	GU04080E24601		8.86	7.24	17.9				
E246	Threemile above Pajarito	WT		UF	DUP	GU04070E24601								
E247	MDA G-1	WT		UF	CS	GU04080E24701		10.7	7.87	28				
E247	MDA G-1	WT		UF	CS	GU04100E24701		-0.523	6.85	23				
E247	MDA G-1	WT		UF	CS	GU04100E24702								
E247	MDA G-1	WT		UF	DUP	GU04080E24701								
E247	MDA G-1	WT		UF	DUP	GU04100E24701		5.86	6.32	22.3				
E247	MDA G-1	WT		UF	DUP	GU04100E24702								
E248.5	MDA G-6U	WT		UF	CS	GU0404E248502								
E248.5	MDA G-6U	WT		UF	CS	GU0407E248501								
E248.5	MDA G-6U	WT		UF	CS	GU0408E248501		9.56	9.87	22				
E249	MDA G-4	WT		UF	CS	GU04080E24901								
E250	Pajarito above SR-4	WT		UF	CS	GU04040E25002		-0.733	8.74	29.6				
E250	Pajarito above SR-4	WT		UF	DUP	GU04040E25002								
E262.5	Water below MDA AB	WM		UF	CS	GU0404M262501		-0.213	7.12	22.5		0.245	0.105	0.258
E262.5	Water below MDA AB	WM		UF	DUP	GU0404M262501								
E262.5	Water below MDA AB	WT		UF	CS	GU0410E262501		-1.68	9.89	31.6				
E263	Water at SR-4	WT		UF	CS	GU04080E26301		0.492	7.21	22.8				
E265	Water below SR-4	WT	EQB	UF	CS	GU04080E26501		3.53	5.72	20.3				
E265	Water below SR-4	WT		UF	CS	GU04050E26501		-9.39	6.18	20.8				
E265	Water below SR-4	WT		UF	CS	GU04080E26502		4.08	10.7	31.4				
E265	Water below SR-4	WT		UF	CS	GU04080E26503		-0.631	7.26	23				

Table I-10. Watershed Storm Water Monitoring, 2004
Analytical Results for Radionuclides

						Anyl Meth Code	EPA:904				Generic:Alpha-Spec			
						Analyte	Ra-228				Am-241			
						Std Uom	pCi/L				pCi/L			
							Sym	Result	Uncert	MDA	Sym	Result	Uncert	MDA
Location Synonym	Location Name	Fld Matrix Code	Fld Qc Type Code	Fld Prep Code	Lab Sample Type Code	Sample Id								
E026	Los Alamos below Ice Rink	WM		UF	CS	GU04040M02601		0.481	0.228	0.845		0.0112	0.0143	0.04
E026	Los Alamos below Ice Rink	WM		UF	DUP	GU04040M02601								
E026	Los Alamos below Ice Rink	WT	EQB	UF	CS	GU04080E02601						0.0127	0.00946	0.033
E026	Los Alamos below Ice Rink	WT		UF	CS	GU04050E02601						0.01	0.00604	0.036
E030	Los Alamos above DP Canyon	WT		UF	CS	GU04070E03001								
E030	Los Alamos above DP Canyon	WT		UF	CS	GU04070E03002						0.118	0.0211	0.039
E030	Los Alamos above DP Canyon	WT		UF	CS	GU04080E03001						0.3	0.0362	0.042
E030	Los Alamos above DP Canyon	WT		UF	CS	GU04090E03001						0.602	0.0757	0.115
E030	Los Alamos above DP Canyon	WT		UF	CS	GU04100E03001						0.201	0.0382	0.068
E030	Los Alamos above DP Canyon	WT		UF	DUP	GU04090E03001						0.467	0.0681	0.123
E038	DP above TA-21	WT	FD	UF	CS	GU04070E03890								
E038	DP above TA-21	WT	FD	UF	CS	GU04070E03891						0.0072	0.00931	0.038
E038	DP above TA-21	WT		UF	CS	GU04060E03801						0.0311	0.0152	0.061
E038	DP above TA-21	WT		UF	CS	GU04070E03801								
E038	DP above TA-21	WT		UF	CS	GU04070E03802						-0.00347	0.00981	0.027
E038	DP above TA-21	WT		UF	CS	GU04070E03803						0.018	0.0129	0.041
E038	DP above TA-21	WT		UF	CS	GU04070E03804								
E038	DP above TA-21	WT		UF	CS	GU04080E03801						0.0283	0.00941	0.041
E038	DP above TA-21	WT		UF	DUP	GU04060E03801								
E038	DP above TA-21	WT		UF	DUP	GU04070E03802								
E039	DP below Meadow at TA-21	WT	EQB	UF	CS	GU04070E03904						-0.00301	0.0168	0.048
E039	DP below Meadow at TA-21	WT	EQB	UF	DUP	GU04070E03904								
E039	DP below Meadow at TA-21	WT		UF	CS	GU04050E03901						0.0107	0.00938	0.038
E039	DP below Meadow at TA-21	WT		UF	CS	GU04070E03901						0.468	0.0429	0.043
E039	DP below Meadow at TA-21	WT		UF	CS	GU04070E03902						1.08	0.0685	0.031
E039	DP below Meadow at TA-21	WT		UF	CS	GU04070E03903						0.204	0.0257	0.033
E039	DP below Meadow at TA-21	WT		UF	DUP	GU04050E03901								
E040	DP above Los Alamos Canyon	WT		UF	CS	GU04070E04001						3.77	0.233	0.064
E040	DP above Los Alamos Canyon	WT		UF	CS	GU04070E04002						3.97	0.266	0.074
E040	DP above Los Alamos Canyon	WT		UF	CS	GU04080E04001						1.07	0.0669	0.028

Table I-10. Watershed Storm Water Monitoring, 2004
Analytical Results for Radionuclides

						Anyl Meth Code	EPA:904				Generic:Alpha-Spec			
						Analyte	Ra-228				Am-241			
						Std Uom	pCi/L				pCi/L			
							Sym	Result	Uncert	MDA	Sym	Result	Uncert	MDA
Location Synonym	Location Name	Fld Matrix Code	Fld Qc Type Code	Fld Prep Code	Lab Sample Type Code	Sample Id								
E040	DP above Los Alamos Canyon	WT		UF	CS	GU04080E04003						3.17	0.198	0.034
E040	DP above Los Alamos Canyon	WT		UF	DUP	GU04070E04001						3.47	0.188	0.037
E040	DP above Los Alamos Canyon	WT		UF	DUP	GU04080E04001						2.84	0.183	0.038
E042	Los Alamos above SR-4	WT		UF	CS	GU04070E04201						11.6	0.558	0.03
E042	Los Alamos above SR-4	WT		UF	CS	GU04080E04201						6.92	0.352	0.037
E042	Los Alamos above SR-4	WT		UF	CS	GU04100E04201						5.69	0.325	0.082
E042	Los Alamos above SR-4	WT		UF	CS	GU04100E04202						2.07	0.161	0.092
E042	Los Alamos above SR-4	WT		UF	DUP	GU04080E04201						7.75	0.398	0.041
E050	Los Alamos below LA Weir	WM		UF	CS	GU04040M05001		0	0.287	0.965		0.0264	0.00715	0.033
E050	Los Alamos below LA Weir	WM		UF	DUP	GU04040M05001								
E055	Pueblo above Acid	WT		UF	CS	GU04070E05501						0.118	0.0313	0.072
E055	Pueblo above Acid	WT		UF	CS	GU04080E05501						0.101	0.0311	0.099
E055	Pueblo above Acid	WT		UF	CS	GU04080E05502						0.0363	0.0129	0.052
E055	Pueblo above Acid	WT		UF	CS	GU04090E05501						1.41	0.107	0.049
E055	Pueblo above Acid	WT		UF	DUP	GU04070E05501								
E055	Pueblo above Acid	WT		UF	DUP	GU04080E05501						0.0711	0.0283	0.079
E055	Pueblo above Acid	WT		UF	DUP	GU04090E05501								
E060	Pueblo above SR-502	WT	EQB	UF	CS	GU04080E06001						-0.00471	0.012	0.037
E060	Pueblo above SR-502	WT		UF	CS	GU04050E06001						-0.00811	0.00703	0.036
E060	Pueblo above SR-502	WT		UF	CS	GU04070E06001						0.162	0.0248	0.032
E060	Pueblo above SR-502	WT		UF	CS	GU04070E06002						0.834	0.0789	0.067
E060	Pueblo above SR-502	WT		UF	CS	GU04080E06002						0.174	0.0263	0.043
E060	Pueblo above SR-502	WT		UF	DUP	GU04050E06001						0.0194	0.00953	0.034
E060	Pueblo above SR-502	WT		UF	DUP	GU04070E06001						0.168	0.0216	0.034
E121	Sandia right fork at Power Plant	WT		UF	CS	GU04070E12101						0.0114	0.00541	0.03
E121	Sandia right fork at Power Plant	WT		UF	CS	GU04080E12102						0.00953	0.0147	0.038
E121	Sandia right fork at Power Plant	WT		UF	CS	GU04090E12101						0.0139	0.0107	0.031
E121	Sandia right fork at Power Plant	WT		UF	DUP	GU04080E12102						0.00937	0.011	0.037
E121	Sandia right fork at Power Plant	WT		UF	DUP	GU04090E12101								
E124	Sandia above Firing Range	WT		UF	CS	GU04080E12402						0.111	0.021	0.046

Table I-10. Watershed Storm Water Monitoring, 2004
Analytical Results for Radionuclides

						Anyl Meth Code	EPA:904				Generic:Alpha-Spec			
						Analyte	Ra-228				Am-241			
						Std Uom	pCi/L				pCi/L			
							Sym	Result	Uncert	MDA	Sym	Result	Uncert	MDA
Location Synonym	Location Name	Fld Matrix Code	Fld Qc Type Code	Fld Prep Code	Lab Sample Type Code	Sample Id								
E124	Sandia above Firing Range	WT		UF	CS	GU04080E12403						0.0373	0.0095	0.037
E124	Sandia above Firing Range	WT		UF	CS	GU04100E12402						5.55E-10	0.00659	0.037
E124	Sandia above Firing Range	WT		UF	DUP	GU04100E12402						0.0134	0.00839	0.035
E200	Mortandad below Effluent Canyon	WT		UF	CS	GU04070E20001						7.02	0.414	0.032
E200	Mortandad below Effluent Canyon	WT		UF	CS	GU04080E20001						14.1	0.803	0.246
E200	Mortandad below Effluent Canyon	WT		UF	CS	GU04080E20002						44.5	2.78	1.21
E200	Mortandad below Effluent Canyon	WT		UF	CS	GU04080E20003						9.18	0.478	0.045
E200	Mortandad below Effluent Canyon	WT		UF	DUP	GU04070E20001								
E200	Mortandad below Effluent Canyon	WT		UF	DUP	GU04080E20001						15	0.846	0.245
E200	Mortandad below Effluent Canyon	WT		UF	DUP	GU04080E20002						40.6	2.76	1.44
E201.3	Ten Site below MDA C	WT		UF	CS	GU0404E201303								
E201.3	Ten Site below MDA C	WT		UF	CS	GU0404E201305						0.0504	0.0111	0.041
E201.3	Ten Site below MDA C	WT		UF	CS	GU0407E201301								
E201.3	Ten Site below MDA C	WT		UF	DUP	GU0404E201303								
E201.3	Ten Site below MDA C	WT		UF	DUP	GU0404E201305						0.032	0.00846	0.038
E201.5	Ten Site above Mortandad	WT		UF	CS	GU0408E201501								
E218	Canada del Buey near TA-46	WT		UF	CS	GU04080E21801						0.074	0.0157	0.038
E218	Canada del Buey near TA-46	WT		UF	CS	GU04100E21801						0.00184	0.00551	0.029
E218	Canada del Buey near TA-46	WT		UF	CS	GU04100E21802								
E218	Canada del Buey near TA-46	WT		UF	DUP	GU04100E21801								
E227	MDA G-13	WT		UF	CS	GU04080E22701								
E230	Canada del Buey above SR-4	WT		UF	CS	GU04080E23001						0.188	0.0356	0.069
E230	Canada del Buey above SR-4	WT		UF	CS	GU04080E23002						0.0448	0.0213	0.064
E230	Canada del Buey above SR-4	WT		UF	CS	GU04100E23001						0.0999	0.0282	0.069
E230	Canada del Buey above SR-4	WT		UF	DUP	GU04080E23001						0.0536	0.0177	0.04
E230	Canada del Buey above SR-4	WT		UF	DUP	GU04100E23001						0.124	0.0316	0.079
E240	Pajarito below SR-501	WT	EQB	UF	CS	GU04080E24001						0	0.0122	0.035
E240	Pajarito below SR-501	WT	EQB	UF	DUP	GU04080E24001						-2.32E-09	0.0103	0.038
E240	Pajarito below SR-501	WT		UF	CS	GU04050E24001						0.0135	0.00842	0.04
E243	Pajarito above Twomile	WM		UF	CS	GU04040M24301		2.38	0.379	1.14		-0.00239	0.0146	0.042

Table I-10. Watershed Storm Water Monitoring, 2004
Analytical Results for Radionuclides

						Anyl Meth Code	EPA:904				Generic:Alpha-Spec			
						Analyte	Ra-228				Am-241			
						Std Uom	pCi/L				pCi/L			
							Sym	Result	Uncert	MDA	Sym	Result	Uncert	MDA
Location Synonym	Location Name	Fld Matrix Code	Fld Qc Type Code	Fld Prep Code	Lab Sample Type Code	Sample Id								
E243	Pajarito above Twomile	WM		UF	DUP	GU04040M24301								
E243.5	Twomile tributary at TA-3	WT	EQB	UF	CS	GU0405E243501						-0.0095	0.0106	0.034
E243.5	Twomile tributary at TA-3	WT	EQB	UF	CS	GU0408E243501						-3.72E-09	0.00955	0.031
E243.5	Twomile tributary at TA-3	WT	EQB	UF	DUP	GU0405E243501						0.0073	0.0124	0.032
E243.5	Twomile tributary at TA-3	WT	FD	UF	CS	GU0407E243594						0.0144	0.0118	0.038
E243.5	Twomile tributary at TA-3	WT	FD	UF	DUP	GU0407E243594						0.0148	0.00705	0.033
E243.5	Twomile tributary at TA-3	WT		UF	CS	GU0406E243501						0.00521	0.00904	0.046
E243.5	Twomile tributary at TA-3	WT		UF	CS	GU0407E243501								
E243.5	Twomile tributary at TA-3	WT		UF	CS	GU0407E243503						-0.0106	0.0162	0.033
E243.5	Twomile tributary at TA-3	WT		UF	CS	GU0407E243504						-0.00921	0.00978	0.036
E243.5	Twomile tributary at TA-3	WT		UF	CS	GU0407E243505								
E243.5	Twomile tributary at TA-3	WT		UF	CS	GU0409E243501						-0.00186	0.00722	0.029
E243.5	Twomile tributary at TA-3	WT		UF	CS	GU0409E243502						0.00717	0.00622	0.024
E243.5	Twomile tributary at TA-3	WT		UF	CS	GU0409E243503						0.0068	0.00418	0.022
E243.5	Twomile tributary at TA-3	WT		UF	DUP	GU0406E243501								
E243.5	Twomile tributary at TA-3	WT		UF	DUP	GU0407E243501								
E243.5	Twomile tributary at TA-3	WT		UF	DUP	GU0407E243505								
E243.5	Twomile tributary at TA-3	WT		UF	DUP	GU0409E243501								
E243.5	Twomile tributary at TA-3	WT		UF	DUP	GU0409E243503						-1.92E-09	0.00805	0.027
E244	Twomile above Pajarito	WM		UF	CS	GU04040M24401		2.83	0.443	1.33		-0.00523	0.00462	0.031
E244	Twomile above Pajarito	WT		UF	CS	GU04070E24401						0.136	0.0286	0.061
E244	Twomile above Pajarito	WT		UF	CS	GU04080E24401						0.184	0.0271	0.043
E245	Pajarito above TA-18	WM		UF	CS	GU04040M24501		0.951	0.336	1.08		0.0104	0.00918	0.031
E245	Pajarito above TA-18	WM		UF	DUP	GU04040M24501								
E245	Pajarito above TA-18	WT		UF	CS	GU04070E24501								
E245	Pajarito above TA-18	WT		UF	CS	GU04100E24501						0.0157	0.0139	0.083
E245	Pajarito above TA-18	WT		UF	DUP	GU04100E24501						0.0195	0.0169	0.077
E245.5	Pajarito above Threemile	WM		UF	CS	GU0404M245501		0.537	0.36	1.18		0.00874	0.00393	0.031
E245.5	Pajarito above Threemile	WM		UF	DUP	GU0404M245501						3.56E-09	0.0129	0.033
E245.5	Pajarito above Threemile	WT		UF	CS	GU0407E245501						0.114	0.0425	0.082

Table I-10. Watershed Storm Water Monitoring, 2004
Analytical Results for Radionuclides

						Anyl Meth Code	EPA:904				Generic:Alpha-Spec			
						Analyte	Ra-228				Am-241			
						Std Uom	pCi/L				pCi/L			
							Sym	Result	Uncert	MDA	Sym	Result	Uncert	MDA
Location Synonym	Location Name	Fld Matrix Code	Fld Qc Type Code	Fld Prep Code	Lab Sample Type Code	Sample Id								
E245.5	Pajarito above Threemile	WT		UF	CS	GU0408E245501						0.212	0.04	0.063
E245.5	Pajarito above Threemile	WT		UF	CS	GU0410E245501								
E245.5	Pajarito above Threemile	WT		UF	DUP	GU0407E245501								
E245.5	Pajarito above Threemile	WT		UF	DUP	GU0408E245501						0.0898	0.0213	0.055
E245.5	Pajarito above Threemile	WT		UF	DUP	GU0410E245501								
E246	Threemile above Pajarito	WT		UF	CS	GU04070E24601						0.229	0.0396	0.066
E246	Threemile above Pajarito	WT		UF	CS	GU04080E24601						0.0847	0.0215	0.045
E246	Threemile above Pajarito	WT		UF	DUP	GU04070E24601						0.235	0.0435	0.07
E247	MDA G-1	WT		UF	CS	GU04080E24701						0.132	0.0214	0.033
E247	MDA G-1	WT		UF	CS	GU04100E24701						0.0372	0.0249	0.098
E247	MDA G-1	WT		UF	CS	GU04100E24702								
E247	MDA G-1	WT		UF	DUP	GU04080E24701								
E247	MDA G-1	WT		UF	DUP	GU04100E24701								
E247	MDA G-1	WT		UF	DUP	GU04100E24702								
E248.5	MDA G-6U	WT		UF	CS	GU0404E248502								
E248.5	MDA G-6U	WT		UF	CS	GU0407E248501								
E248.5	MDA G-6U	WT		UF	CS	GU0408E248501						0.466	0.043	0.038
E249	MDA G-4	WT		UF	CS	GU04080E24901								
E250	Pajarito above SR-4	WT		UF	CS	GU04040E25002						0.0205	0.00946	0.04
E250	Pajarito above SR-4	WT		UF	DUP	GU04040E25002						6.28	4.97	18.1
E262.5	Water below MDA AB	WM		UF	CS	GU0404M262501		1.06	0.229	0.771		0.00838	0.00904	0.03
E262.5	Water below MDA AB	WM		UF	DUP	GU0404M262501		0.402	0.271	1.03				
E262.5	Water below MDA AB	WT		UF	CS	GU0410E262501						0.0326	0.0203	0.04
E263	Water at SR-4	WT		UF	CS	GU04080E26301						0.134	0.0233	0.043
E265	Water below SR-4	WT	EQB	UF	CS	GU04080E26501						0.0128	0.0121	0.034
E265	Water below SR-4	WT		UF	CS	GU04050E26501						0.0111	0.00735	0.039
E265	Water below SR-4	WT		UF	CS	GU04080E26502						0.134	0.026	0.047
E265	Water below SR-4	WT		UF	CS	GU04080E26503						0.212	0.0337	0.062

Table I-10. Watershed Storm Water Monitoring, 2004
Analytical Results for Radionuclides

						Anyl Meth Code	Generic:Alpha-Spec				Generic:Alpha-Spec			
						Analyte	Po-210				Pu-238			
						Std Uom	pCi/L				pCi/L			
							Sym	Result	Uncert	MDA	Sym	Result	Uncert	MDA
Location Synonym	Location Name	Fld Matrix Code	Fld Qc Type Code	Fld Prep Code	Lab Sample Type Code	Sample Id								
E026	Los Alamos below Ice Rink	WM		UF	CS	GU04040M02601		0.124	0.0535	0.157		0.0418	0.0115	0.031
E026	Los Alamos below Ice Rink	WM		UF	DUP	GU04040M02601		0.143	0.058	0.117				
E026	Los Alamos below Ice Rink	WT	EQB	UF	CS	GU04080E02601						-0.00964	0.00511	0.03
E026	Los Alamos below Ice Rink	WT		UF	CS	GU04050E02601						2.43E-10	0.00407	0.032
E030	Los Alamos above DP Canyon	WT		UF	CS	GU04070E03001								
E030	Los Alamos above DP Canyon	WT		UF	CS	GU04070E03002						0.0391	0.0161	0.051
E030	Los Alamos above DP Canyon	WT		UF	CS	GU04080E03001						0.108	0.0233	0.056
E030	Los Alamos above DP Canyon	WT		UF	CS	GU04090E03001						0.0389	0.0248	0.075
E030	Los Alamos above DP Canyon	WT		UF	CS	GU04100E03001						0.0226	0.0115	0.032
E030	Los Alamos above DP Canyon	WT		UF	DUP	GU04090E03001								
E038	DP above TA-21	WT	FD	UF	CS	GU04070E03890								
E038	DP above TA-21	WT	FD	UF	CS	GU04070E03891						-0.00691	0.00978	0.027
E038	DP above TA-21	WT		UF	CS	GU04060E03801						0.00853	0.00753	0.044
E038	DP above TA-21	WT		UF	CS	GU04070E03801								
E038	DP above TA-21	WT		UF	CS	GU04070E03802						-0.00855	0.00784	0.027
E038	DP above TA-21	WT		UF	CS	GU04070E03803						-0.019	0.0121	0.037
E038	DP above TA-21	WT		UF	CS	GU04070E03804								
E038	DP above TA-21	WT		UF	CS	GU04080E03801						0.0187	0.00796	0.029
E038	DP above TA-21	WT		UF	DUP	GU04060E03801								
E038	DP above TA-21	WT		UF	DUP	GU04070E03802								
E039	DP below Meadow at TA-21	WT	EQB	UF	CS	GU04070E03904						0.00797	0.00399	0.031
E039	DP below Meadow at TA-21	WT	EQB	UF	DUP	GU04070E03904								
E039	DP below Meadow at TA-21	WT		UF	CS	GU04050E03901						4.62E-10	0.00548	0.03
E039	DP below Meadow at TA-21	WT		UF	CS	GU04070E03901						0.0296	0.014	0.038
E039	DP below Meadow at TA-21	WT		UF	CS	GU04070E03902						0.0685	0.0168	0.035
E039	DP below Meadow at TA-21	WT		UF	CS	GU04070E03903						0.026	0.00879	0.029
E039	DP below Meadow at TA-21	WT		UF	DUP	GU04050E03901								
E040	DP above Los Alamos Canyon	WT		UF	CS	GU04070E04001						0.344	0.0452	0.068
E040	DP above Los Alamos Canyon	WT		UF	CS	GU04070E04002						0.282	0.0276	0.03
E040	DP above Los Alamos Canyon	WT		UF	CS	GU04080E04001						0.19	0.0219	0.031

Table I-10. Watershed Storm Water Monitoring, 2004
Analytical Results for Radionuclides

						Anyl Meth Code	Generic:Alpha-Spec				Generic:Alpha-Spec			
						Analyte	Po-210				Pu-238			
						Std Uom	pCi/L				pCi/L			
							Sym	Result	Uncert	MDA	Sym	Result	Uncert	MDA
Location Synonym	Location Name	Fld Matrix Code	Fld Qc Type Code	Fld Prep Code	Lab Sample Type Code	Sample Id								
E040	DP above Los Alamos Canyon	WT		UF	CS	GU04080E04003						0.241	0.0278	0.032
E040	DP above Los Alamos Canyon	WT		UF	DUP	GU04070E04001						0.252	0.0327	0.045
E040	DP above Los Alamos Canyon	WT		UF	DUP	GU04080E04001						0.261	0.0233	0.0129
E042	Los Alamos above SR-4	WT		UF	CS	GU04070E04201						0.436	0.0406	0.04
E042	Los Alamos above SR-4	WT		UF	CS	GU04080E04201						0.31	0.0313	0.038
E042	Los Alamos above SR-4	WT		UF	CS	GU04100E04201						0.92	0.0686	0.043
E042	Los Alamos above SR-4	WT		UF	CS	GU04100E04202						0.171	0.0207	0.03
E042	Los Alamos above SR-4	WT		UF	DUP	GU04080E04201						0.538	0.0514	0.057
E050	Los Alamos below LA Weir	WM		UF	CS	GU04040M05001		0.109	0.0655	0.125		0.0112	0.00595	0.035
E050	Los Alamos below LA Weir	WM		UF	DUP	GU04040M05001								
E055	Pueblo above Acid	WT		UF	CS	GU04070E05501						0.0654	0.0329	0.127
E055	Pueblo above Acid	WT		UF	CS	GU04080E05501						0.0504	0.0198	0.041
E055	Pueblo above Acid	WT		UF	CS	GU04080E05502						0.0117	0.00847	0.036
E055	Pueblo above Acid	WT		UF	CS	GU04090E05501						0.00295	0.0106	0.046
E055	Pueblo above Acid	WT		UF	DUP	GU04070E05501								
E055	Pueblo above Acid	WT		UF	DUP	GU04080E05501								
E055	Pueblo above Acid	WT		UF	DUP	GU04090E05501								
E060	Pueblo above SR-502	WT	EQB	UF	CS	GU04080E06001						-0.00481	0.00417	0.037
E060	Pueblo above SR-502	WT		UF	CS	GU04050E06001						0.0022	0.0085	0.034
E060	Pueblo above SR-502	WT		UF	CS	GU04070E06001						0.0255	0.00818	0.03
E060	Pueblo above SR-502	WT		UF	CS	GU04070E06002						0.0467	0.0115	0.032
E060	Pueblo above SR-502	WT		UF	CS	GU04080E06002						0.0229	0.0127	0.03
E060	Pueblo above SR-502	WT		UF	DUP	GU04050E06001						0	0.00734	0.04
E060	Pueblo above SR-502	WT		UF	DUP	GU04070E06001						0.017	0.00781	0.029
E121	Sandia right fork at Power Plant	WT		UF	CS	GU04070E12101						-0.00197	0.00654	0.031
E121	Sandia right fork at Power Plant	WT		UF	CS	GU04080E12102						0.002	0.01	0.031
E121	Sandia right fork at Power Plant	WT		UF	CS	GU04090E12101						0.0353	0.0125	0.039
E121	Sandia right fork at Power Plant	WT		UF	DUP	GU04080E12102						0.00444	0.00943	0.034
E121	Sandia right fork at Power Plant	WT		UF	DUP	GU04090E12101						0.0249	0.0129	0.03
E124	Sandia above Firing Range	WT		UF	CS	GU04080E12402						0.0961	0.0163	0.032

Table I-10. Watershed Storm Water Monitoring, 2004
Analytical Results for Radionuclides

						Anyl Meth Code	Generic:Alpha-Spec				Generic:Alpha-Spec			
						Analyte	Po-210				Pu-238			
						Std Uom	pCi/L				pCi/L			
							Sym	Result	Uncert	MDA	Sym	Result	Uncert	MDA
Location Synonym	Location Name	Fld Matrix Code	Fld Qc Type Code	Fld Prep Code	Lab Sample Type Code	Sample Id								
E124	Sandia above Firing Range	WT		UF	CS	GU04080E12403						0	0.00533	0.029
E124	Sandia above Firing Range	WT		UF	CS	GU04100E12402						0.00197	0.00711	0.031
E124	Sandia above Firing Range	WT		UF	DUP	GU04100E12402						0.012	0.00988	0.037
E200	Mortandad below Effluent Canyon	WT		UF	CS	GU04070E20001						4.87	0.245	0.029
E200	Mortandad below Effluent Canyon	WT		UF	CS	GU04080E20001						8.86	0.326	0.027
E200	Mortandad below Effluent Canyon	WT		UF	CS	GU04080E20002						22.8	0.79	0.025
E200	Mortandad below Effluent Canyon	WT		UF	CS	GU04080E20003						6.41	0.252	0.031
E200	Mortandad below Effluent Canyon	WT		UF	DUP	GU04070E20001								
E200	Mortandad below Effluent Canyon	WT		UF	DUP	GU04080E20001								
E200	Mortandad below Effluent Canyon	WT		UF	DUP	GU04080E20002								
E201.3	Ten Site below MDA C	WT		UF	CS	GU0404E201303								
E201.3	Ten Site below MDA C	WT		UF	CS	GU0404E201305						0.0184	0.00845	0.028
E201.3	Ten Site below MDA C	WT		UF	CS	GU0407E201301								
E201.3	Ten Site below MDA C	WT		UF	DUP	GU0404E201303								
E201.3	Ten Site below MDA C	WT		UF	DUP	GU0404E201305								
E201.5	Ten Site above Mortandad	WT		UF	CS	GU0408E201501								
E218	Canada del Buey near TA-46	WT		UF	CS	GU04080E21801						-0.00578	0.01	0.03
E218	Canada del Buey near TA-46	WT		UF	CS	GU04100E21801						0.00697	0.0156	0.054
E218	Canada del Buey near TA-46	WT		UF	CS	GU04100E21802								
E218	Canada del Buey near TA-46	WT		UF	DUP	GU04100E21801						0.00331	0.011	0.051
E227	MDA G-13	WT		UF	CS	GU04080E22701								
E230	Canada del Buey above SR-4	WT		UF	CS	GU04080E23001						0.0281	0.0434	0.109
E230	Canada del Buey above SR-4	WT		UF	CS	GU04080E23002						0.0693	0.0221	0.054
E230	Canada del Buey above SR-4	WT		UF	CS	GU04100E23001						0.0913	0.0388	0.079
E230	Canada del Buey above SR-4	WT		UF	DUP	GU04080E23001								
E230	Canada del Buey above SR-4	WT		UF	DUP	GU04100E23001						0.075	0.0702	0.145
E240	Pajarito below SR-501	WT	EQB	UF	CS	GU04080E24001						0.00427	0.0074	0.033
E240	Pajarito below SR-501	WT	EQB	UF	DUP	GU04080E24001						-0.00629	0.0047	0.033
E240	Pajarito below SR-501	WT		UF	CS	GU04050E24001						0.00191	0.00573	0.03
E243	Pajarito above Twomile	WM		UF	CS	GU04040M24301		0.13	0.0522	0.115		-0.0139	0.0108	0.043

						Anyl Meth Code	Generic:Alpha-Spec				Generic:Alpha-Spec			
						Analyte	Po-210				Pu-238			
						Std Uom	pCi/L				pCi/L			
							Sym	Result	Uncert	MDA	Sym	Result	Uncert	MDA
Location Synonym	**Location Name**	**Fld Matrix Code**	**Fld Qc Type Code**	**Fld Prep Code**	**Lab Sample Type Code**	**Sample Id**								
E243	Pajarito above Twomile	WM		UF	DUP	GU04040M24301								
E243.5	Twomile tributary at TA-3	WT	EQB	UF	CS	GU0405E243501						0.0105	0.00698	0.033
E243.5	Twomile tributary at TA-3	WT	EQB	UF	CS	GU0408E243501						-0.00926	0.00558	0.029
E243.5	Twomile tributary at TA-3	WT	EQB	UF	DUP	GU0405E243501						0	0.00602	0.033
E243.5	Twomile tributary at TA-3	WT	FD	UF	CS	GU0407E243594						-0.00241	0.0154	0.037
E243.5	Twomile tributary at TA-3	WT	FD	UF	DUP	GU0407E243594						-0.0195	0.0117	0.034
E243.5	Twomile tributary at TA-3	WT		UF	CS	GU0406E243501						-0.00795	0.00593	0.041
E243.5	Twomile tributary at TA-3	WT		UF	CS	GU0407E243501								
E243.5	Twomile tributary at TA-3	WT		UF	CS	GU0407E243503						-0.00698	0.00552	0.027
E243.5	Twomile tributary at TA-3	WT		UF	CS	GU0407E243504						-0.0173	0.0124	0.03
E243.5	Twomile tributary at TA-3	WT		UF	CS	GU0407E243505								
E243.5	Twomile tributary at TA-3	WT		UF	CS	GU0409E243501						-0.00647	0.00836	0.033
E243.5	Twomile tributary at TA-3	WT		UF	CS	GU0409E243502						-0.00626	0.0124	0.032
E243.5	Twomile tributary at TA-3	WT		UF	CS	GU0409E243503						0.002	0.00723	0.031
E243.5	Twomile tributary at TA-3	WT		UF	DUP	GU0406E243501								
E243.5	Twomile tributary at TA-3	WT		UF	DUP	GU0407E243501								
E243.5	Twomile tributary at TA-3	WT		UF	DUP	GU0407E243505								
E243.5	Twomile tributary at TA-3	WT		UF	DUP	GU0409E243501								
E243.5	Twomile tributary at TA-3	WT		UF	DUP	GU0409E243503						9.21E-10	0.00611	0.03
E244	Twomile above Pajarito	WM		UF	CS	GU04040M24401		0.011	0.0364	0.126		0	0.00583	0.032
E244	Twomile above Pajarito	WT		UF	CS	GU04070E24401						0.102	0.0276	0.072
E244	Twomile above Pajarito	WT		UF	CS	GU04080E24401						0.00412	0.0317	0.064
E245	Pajarito above TA-18	WM		UF	CS	GU04040M24501		0.18	0.0662	0.147		0.0157	0.00943	0.027
E245	Pajarito above TA-18	WM		UF	DUP	GU04040M24501								
E245	Pajarito above TA-18	WT		UF	CS	GU04070E24501								
E245	Pajarito above TA-18	WT		UF	CS	GU04100E24501						0.0096	0.0068	0.037
E245	Pajarito above TA-18	WT		UF	DUP	GU04100E24501						0.00635	0.00702	0.033
E245.5	Pajarito above Threemile	WM		UF	CS	GU0404M245501		0.19	0.121	0.179		-0.0169	0.00845	0.033
E245.5	Pajarito above Threemile	WM		UF	DUP	GU0404M245501						0.00971	0.00584	0.03
E245.5	Pajarito above Threemile	WT		UF	CS	GU0407E245501						0.156	0.0438	0.128

Table I-10. Watershed Storm Water Monitoring, 2004
Analytical Results for Radionuclides

						Anyl Meth Code	Generic:Alpha-Spec				Generic:Alpha-Spec			
						Analyte	Po-210				Pu-238			
						Std Uom	pCi/L				pCi/L			
							Sym	Result	Uncert	MDA	Sym	Result	Uncert	MDA
Location Synonym	Location Name	Fld Matrix Code	Fld Qc Type Code	Fld Prep Code	Lab Sample Type Code	Sample Id								
E245.5	Pajarito above Threemile	WT		UF	CS	GU0408E245501						0.0839	0.0227	0.052
E245.5	Pajarito above Threemile	WT		UF	CS	GU0410E245501								
E245.5	Pajarito above Threemile	WT		UF	DUP	GU0407E245501								
E245.5	Pajarito above Threemile	WT		UF	DUP	GU0408E245501						0.0327	0.0182	0.056
E245.5	Pajarito above Threemile	WT		UF	DUP	GU0410E245501								
E246	Threemile above Pajarito	WT		UF	CS	GU04070E24601						0.0101	0.00876	0.039
E246	Threemile above Pajarito	WT		UF	CS	GU04080E24601						0.0241	0.0123	0.037
E246	Threemile above Pajarito	WT		UF	DUP	GU04070E24601								
E247	MDA G-1	WT		UF	CS	GU04080E24701						0.209	0.0438	0.112
E247	MDA G-1	WT		UF	CS	GU04100E24701						0.0846	0.0154	0.034
E247	MDA G-1	WT		UF	CS	GU04100E24702								
E247	MDA G-1	WT		UF	DUP	GU04080E24701						0.251	0.0982	0.299
E247	MDA G-1	WT		UF	DUP	GU04100E24701								
E247	MDA G-1	WT		UF	DUP	GU04100E24702								
E248.5	MDA G-6U	WT		UF	CS	GU0404E248502								
E248.5	MDA G-6U	WT		UF	CS	GU0407E248501								
E248.5	MDA G-6U	WT		UF	CS	GU0408E248501						0.228	0.0277	0.044
E249	MDA G-4	WT		UF	CS	GU04080E24901								
E250	Pajarito above SR-4	WT		UF	CS	GU04040E25002						0.00604	0.00727	0.028
E250	Pajarito above SR-4	WT		UF	DUP	GU04040E25002						0.00738	0.00888	0.034
E262.5	Water below MDA AB	WM		UF	CS	GU0404M262501		0	0.0496	0.152		0.00365	0.00633	0.028
E262.5	Water below MDA AB	WM		UF	DUP	GU0404M262501								
E262.5	Water below MDA AB	WT		UF	CS	GU0410E262501						0.00232	0.00402	0.036
E263	Water at SR-4	WT		UF	CS	GU04080E26301						0.132	0.0489	0.12
E265	Water below SR-4	WT	EQB	UF	CS	GU04080E26501						-0.002	0.00283	0.031
E265	Water below SR-4	WT		UF	CS	GU04050E26501						-0.00789	0.00589	0.041
E265	Water below SR-4	WT		UF	CS	GU04080E26502						0.0509	0.0239	0.099
E265	Water below SR-4	WT		UF	CS	GU04080E26503						0.0574	0.0204	0.068

Table I-10. Watershed Storm Water Monitoring, 2004
Analytical Results for Radionuclides

						Anyl Meth Code	Generic:Alpha-Spec				Generic:Alpha-Spec			
						Analyte	Pu-239,240				Th-228			
						Std Uom	pCi/L				pCi/L			
							Sym	Result	Uncert	MDA	Sym	Result	Uncert	MDA
Location Synonym	Location Name	Fld Matrix Code	Fld Qc Type Code	Fld Prep Code	Lab Sample Type Code	Sample Id								
E026	Los Alamos below Ice Rink	WM		UF	CS	GU04040M02601		0.00199	0.00596	0.032		0.0198	0.0226	0.117
E026	Los Alamos below Ice Rink	WM		UF	DUP	GU04040M02601								
E026	Los Alamos below Ice Rink	WT	EQB	UF	CS	GU04080E02601		-4.59E-10	0.00385	0.031				
E026	Los Alamos below Ice Rink	WT		UF	CS	GU04050E02601		0.00203	0.00204	0.033				
E030	Los Alamos above DP Canyon	WT		UF	CS	GU04070E03001								
E030	Los Alamos above DP Canyon	WT		UF	CS	GU04070E03002		3.87	0.223	0.052				
E030	Los Alamos above DP Canyon	WT		UF	CS	GU04080E03001		5.48	0.31	0.057				
E030	Los Alamos above DP Canyon	WT		UF	CS	GU04090E03001		19.6	0.841	0.078				
E030	Los Alamos above DP Canyon	WT		UF	CS	GU04100E03001		2.92	0.158	0.033				
E030	Los Alamos above DP Canyon	WT		UF	DUP	GU04090E03001								
E038	DP above TA-21	WT	FD	UF	CS	GU04070E03890								
E038	DP above TA-21	WT	FD	UF	CS	GU04070E03891		0.00518	0.00387	0.028				
E038	DP above TA-21	WT		UF	CS	GU04060E03801		0.0483	0.0149	0.046				
E038	DP above TA-21	WT		UF	CS	GU04070E03801								
E038	DP above TA-21	WT		UF	CS	GU04070E03802		-0.00513	0.00297	0.027				
E038	DP above TA-21	WT		UF	CS	GU04070E03803		0.00712	0.00788	0.038				
E038	DP above TA-21	WT		UF	CS	GU04070E03804								
E038	DP above TA-21	WT		UF	CS	GU04080E03801		0.0224	0.00652	0.03				
E038	DP above TA-21	WT		UF	DUP	GU04060E03801								
E038	DP above TA-21	WT		UF	DUP	GU04070E03802								
E039	DP below Meadow at TA-21	WT	EQB	UF	CS	GU04070E03904		0.00398	0.00488	0.032				
E039	DP below Meadow at TA-21	WT	EQB	UF	DUP	GU04070E03904								
E039	DP below Meadow at TA-21	WT		UF	CS	GU04050E03901		0.00194	0.00335	0.031				
E039	DP below Meadow at TA-21	WT		UF	CS	GU04070E03901		0.441	0.0373	0.04				
E039	DP below Meadow at TA-21	WT		UF	CS	GU04070E03902		0.37	0.0341	0.037				
E039	DP below Meadow at TA-21	WT		UF	CS	GU04070E03903		0.287	0.0267	0.03				
E039	DP below Meadow at TA-21	WT		UF	DUP	GU04050E03901								
E040	DP above Los Alamos Canyon	WT		UF	CS	GU04070E04001		1.63	0.109	0.07				
E040	DP above Los Alamos Canyon	WT		UF	CS	GU04070E04002		1.59	0.0928	0.031				
E040	DP above Los Alamos Canyon	WT		UF	CS	GU04080E04001		1.4	0.0722	0.032				

Table I-10. Watershed Storm Water Monitoring, 2004
Analytical Results for Radionuclides

						Anyl Meth Code	Generic:Alpha-Spec				Generic:Alpha-Spec			
						Analyte	Pu-239,240				Th-228			
						Std Uom	pCi/L				pCi/L			
							Sym	Result	Uncert	MDA	Sym	Result	Uncert	MDA
Location Synonym	Location Name	Fld Matrix Code	Fld Qc Type Code	Fld Prep Code	Lab Sample Type Code	Sample Id								
E040	DP above Los Alamos Canyon	WT		UF	CS	GU04080E04003		1.09	0.0701	0.033				
E040	DP above Los Alamos Canyon	WT		UF	DUP	GU04070E04001		1.49	0.0864	0.046				
E040	DP above Los Alamos Canyon	WT		UF	DUP	GU04080E04001		1.47	0.0713	0.0162				
E042	Los Alamos above SR-4	WT		UF	CS	GU04070E04201		3.01	0.17	0.041				
E042	Los Alamos above SR-4	WT		UF	CS	GU04080E04201		2.13	0.106	0.039				
E042	Los Alamos above SR-4	WT		UF	CS	GU04100E04201		9.84	0.508	0.044				
E042	Los Alamos above SR-4	WT		UF	CS	GU04100E04202		1.51	0.0891	0.031				
E042	Los Alamos above SR-4	WT		UF	DUP	GU04080E04201		4.17	0.207	0.059				
E050	Los Alamos below LA Weir	WM		UF	CS	GU04040M05001		0.0224	0.00843	0.036		0.0309	0.0134	0.092
E050	Los Alamos below LA Weir	WM		UF	DUP	GU04040M05001						0.00327	0.0134	0.088
E055	Pueblo above Acid	WT		UF	CS	GU04070E05501		0.286	0.0576	0.131				
E055	Pueblo above Acid	WT		UF	CS	GU04080E05501		0.509	0.0447	0.042				
E055	Pueblo above Acid	WT		UF	CS	GU04080E05502		0.0304	0.0108	0.038				
E055	Pueblo above Acid	WT		UF	CS	GU04090E05501		0.0708	0.021	0.047				
E055	Pueblo above Acid	WT		UF	DUP	GU04070E05501								
E055	Pueblo above Acid	WT		UF	DUP	GU04080E05501								
E055	Pueblo above Acid	WT		UF	DUP	GU04090E05501								
E060	Pueblo above SR-502	WT	EQB	UF	CS	GU04080E06001		0.00961	0.00681	0.039				
E060	Pueblo above SR-502	WT		UF	CS	GU04050E06001		0.00219	0.0038	0.035				
E060	Pueblo above SR-502	WT		UF	CS	GU04070E06001		5.1	0.259	0.031				
E060	Pueblo above SR-502	WT		UF	CS	GU04070E06002		10.9	0.534	0.033				
E060	Pueblo above SR-502	WT		UF	CS	GU04080E06002		2.95	0.157	0.031				
E060	Pueblo above SR-502	WT		UF	DUP	GU04050E06001		0.00779	0.00581	0.042				
E060	Pueblo above SR-502	WT		UF	DUP	GU04070E06001		4.88	0.246	0.03				
E121	Sandia right fork at Power Plant	WT		UF	CS	GU04070E12101		0.00788	0.00484	0.032				
E121	Sandia right fork at Power Plant	WT		UF	CS	GU04080E12102		0.012	0.00939	0.032				
E121	Sandia right fork at Power Plant	WT		UF	CS	GU04090E12101		0.0151	0.0101	0.04				
E121	Sandia right fork at Power Plant	WT		UF	DUP	GU04080E12102		0.0178	0.00705	0.036				
E121	Sandia right fork at Power Plant	WT		UF	DUP	GU04090E12101		0.00383	0.00717	0.031				
E124	Sandia above Firing Range	WT		UF	CS	GU04080E12402		0.178	0.0209	0.033				

Table I-10. Watershed Storm Water Monitoring, 2004
Analytical Results for Radionuclides

						Anyl Meth Code	Generic:Alpha-Spec				Generic:Alpha-Spec			
						Analyte	Pu-239,240				Th-228			
						Std Uom	pCi/L				pCi/L			
							Sym	Result	Uncert	MDA	Sym	Result	Uncert	MDA
Location Synonym	Location Name	Fld Matrix Code	Fld Qc Type Code	Fld Prep Code	Lab Sample Type Code	Sample Id								
E124	Sandia above Firing Range	WT		UF	CS	GU04080E12403		0.0471	0.01	0.03				
E124	Sandia above Firing Range	WT		UF	CS	GU04100E12402		0.0197	0.00689	0.032				
E124	Sandia above Firing Range	WT		UF	DUP	GU04100E12402		0.00717	0.00718	0.038				
E200	Mortandad below Effluent Canyon	WT		UF	CS	GU04070E20001		4.23	0.216	0.03				
E200	Mortandad below Effluent Canyon	WT		UF	CS	GU04080E20001		7.41	0.277	0.028				
E200	Mortandad below Effluent Canyon	WT		UF	CS	GU04080E20002		21.5	0.749	0.026				
E200	Mortandad below Effluent Canyon	WT		UF	CS	GU04080E20003		5.52	0.22	0.032				
E200	Mortandad below Effluent Canyon	WT		UF	DUP	GU04070E20001								
E200	Mortandad below Effluent Canyon	WT		UF	DUP	GU04080E20001								
E200	Mortandad below Effluent Canyon	WT		UF	DUP	GU04080E20002								
E201.3	Ten Site below MDA C	WT		UF	CS	GU0404E201303								
E201.3	Ten Site below MDA C	WT		UF	CS	GU0404E201305		0.123	0.0176	0.025				
E201.3	Ten Site below MDA C	WT		UF	CS	GU0407E201301								
E201.3	Ten Site below MDA C	WT		UF	DUP	GU0404E201303								
E201.3	Ten Site below MDA C	WT		UF	DUP	GU0404E201305								
E201.5	Ten Site above Mortandad	WT		UF	CS	GU0408E201501								
E218	Canada del Buey near TA-46	WT		UF	CS	GU04080E21801		0.183	0.0217	0.031				
E218	Canada del Buey near TA-46	WT		UF	CS	GU04100E21801		0.0209	0.0131	0.056				
E218	Canada del Buey near TA-46	WT		UF	CS	GU04100E21802								
E218	Canada del Buey near TA-46	WT		UF	DUP	GU04100E21801		0.0198	0.0094	0.053				
E227	MDA G-13	WT		UF	CS	GU04080E22701								
E230	Canada del Buey above SR-4	WT		UF	CS	GU04080E23001		0.337	0.0518	0.113				
E230	Canada del Buey above SR-4	WT		UF	CS	GU04080E23002		0.0416	0.0148	0.056				
E230	Canada del Buey above SR-4	WT		UF	CS	GU04100E23001		0.162	0.0356	0.081				
E230	Canada del Buey above SR-4	WT		UF	DUP	GU04080E23001								
E230	Canada del Buey above SR-4	WT		UF	DUP	GU04100E23001		0.169	0.0611	0.15				
E240	Pajarito below SR-501	WT	EQB	UF	CS	GU04080E24001		0.00854	0.00525	0.034				
E240	Pajarito below SR-501	WT	EQB	UF	DUP	GU04080E24001		0.0105	0.00471	0.034				
E240	Pajarito below SR-501	WT		UF	CS	GU04050E24001		0.00572	0.00331	0.031				
E243	Pajarito above Twomile	WM		UF	CS	GU04040M24301		-0.00277	0.0048	0.044		0.0402	0.0187	0.097

Table I-10. Watershed Storm Water Monitoring, 2004
Analytical Results for Radionuclides

						Anyl Meth Code	Generic:Alpha-Spec				Generic:Alpha-Spec			
						Analyte	Pu-239,240				Th-228			
						Std Uom	pCi/L				pCi/L			
							Sym	Result	Uncert	MDA	Sym	Result	Uncert	MDA
Location Synonym	Location Name	Fld Matrix Code	Fld Qc Type Code	Fld Prep Code	Lab Sample Type Code	Sample Id								
E243	Pajarito above Twomile	WM		UF	DUP	GU04040M24301								
E243.5	Twomile tributary at TA-3	WT	EQB	UF	CS	GU0405E243501		-0.0042	0.00594	0.034				
E243.5	Twomile tributary at TA-3	WT	EQB	UF	CS	GU0408E243501		0.00556	0.00322	0.03				
E243.5	Twomile tributary at TA-3	WT	EQB	UF	DUP	GU0405E243501		-0.00213	0.00563	0.034				
E243.5	Twomile tributary at TA-3	WT	FD	UF	CS	GU0407E243594		0.00482	0.00901	0.039				
E243.5	Twomile tributary at TA-3	WT	FD	UF	DUP	GU0407E243594		0.00217	0.00781	0.035				
E243.5	Twomile tributary at TA-3	WT		UF	CS	GU0406E243501		0.00529	0.0053	0.042				
E243.5	Twomile tributary at TA-3	WT		UF	CS	GU0407E243501								
E243.5	Twomile tributary at TA-3	WT		UF	CS	GU0407E243503		0.00349	0.00494	0.028				
E243.5	Twomile tributary at TA-3	WT		UF	CS	GU0407E243504		0.25	0.0241	0.031				
E243.5	Twomile tributary at TA-3	WT		UF	CS	GU0407E243505								
E243.5	Twomile tributary at TA-3	WT		UF	CS	GU0409E243501		-0.0151	0.00649	0.035				
E243.5	Twomile tributary at TA-3	WT		UF	CS	GU0409E243502		0.00626	0.00693	0.033				
E243.5	Twomile tributary at TA-3	WT		UF	CS	GU0409E243503		0.01	0.00828	0.032				
E243.5	Twomile tributary at TA-3	WT		UF	DUP	GU0406E243501								
E243.5	Twomile tributary at TA-3	WT		UF	DUP	GU0407E243501								
E243.5	Twomile tributary at TA-3	WT		UF	DUP	GU0407E243505								
E243.5	Twomile tributary at TA-3	WT		UF	DUP	GU0409E243501								
E243.5	Twomile tributary at TA-3	WT		UF	DUP	GU0409E243503		9.21E-10	0.00611	0.031				
E244	Twomile above Pajarito	WM		UF	CS	GU04040M24401		-0.0103	0.00744	0.033		0.0541	0.0171	0.096
E244	Twomile above Pajarito	WT		UF	CS	GU04070E24401		0.698	0.0675	0.075				
E244	Twomile above Pajarito	WT		UF	CS	GU04080E24401		0.321	0.0473	0.066				
E245	Pajarito above TA-18	WM		UF	CS	GU04040M24501		0.00699	0.0035	0.028		0.0915	0.0227	0.103
E245	Pajarito above TA-18	WM		UF	DUP	GU04040M24501								
E245	Pajarito above TA-18	WT		UF	CS	GU04070E24501								
E245	Pajarito above TA-18	WT		UF	CS	GU04100E24501		0.0624	0.0139	0.038				
E245	Pajarito above TA-18	WT		UF	DUP	GU04100E24501		0.0613	0.012	0.034				
E245.5	Pajarito above Threemile	WM		UF	CS	GU0404M245501		0.00421	0.0073	0.034		0.16	0.0252	0.09
E245.5	Pajarito above Threemile	WM		UF	DUP	GU0404M245501		0.0155	0.00552	0.031				
E245.5	Pajarito above Threemile	WT		UF	CS	GU0407E245501		0.905	0.103	0.132				

Table I-10. Watershed Storm Water Monitoring, 2004
Analytical Results for Radionuclides

						Anyl Meth Code	Generic:Alpha-Spec				Generic:Alpha-Spec			
						Analyte	Pu-239,240				Th-228			
						Std Uom	pCi/L				pCi/L			
							Sym	Result	Uncert	MDA	Sym	Result	Uncert	MDA
Location Synonym	Location Name	Fld Matrix Code	Fld Qc Type Code	Fld Prep Code	Lab Sample Type Code	Sample Id								
E245.5	Pajarito above Threemile	WT		UF	CS	GU0408E245501		0.295	0.0345	0.054				
E245.5	Pajarito above Threemile	WT		UF	CS	GU0410E245501								
E245.5	Pajarito above Threemile	WT		UF	DUP	GU0407E245501								
E245.5	Pajarito above Threemile	WT		UF	DUP	GU0408E245501		0.283	0.036	0.058				
E245.5	Pajarito above Threemile	WT		UF	DUP	GU0410E245501								
E246	Threemile above Pajarito	WT		UF	CS	GU04070E24601		0.262	0.0279	0.04				
E246	Threemile above Pajarito	WT		UF	CS	GU04080E24601		0.142	0.0198	0.039				
E246	Threemile above Pajarito	WT		UF	DUP	GU04070E24601								
E247	MDA G-1	WT		UF	CS	GU04080E24701		0.158	0.0388	0.115				
E247	MDA G-1	WT		UF	CS	GU04100E24701		0.0715	0.0143	0.035				
E247	MDA G-1	WT		UF	CS	GU04100E24702								
E247	MDA G-1	WT		UF	DUP	GU04080E24701		0.347	0.0978	0.309				
E247	MDA G-1	WT		UF	DUP	GU04100E24701								
E247	MDA G-1	WT		UF	DUP	GU04100E24702								
E248.5	MDA G-6U	WT		UF	CS	GU0404E248502								
E248.5	MDA G-6U	WT		UF	CS	GU0407E248501								
E248.5	MDA G-6U	WT		UF	CS	GU0408E248501		1.11	0.0772	0.046				
E249	MDA G-4	WT		UF	CS	GU04080E24901								
E250	Pajarito above SR-4	WT		UF	CS	GU04040E25002		0.0181	0.00729	0.025				
E250	Pajarito above SR-4	WT		UF	DUP	GU04040E25002		-0.00492	0.00603	0.03				
E262.5	Water below MDA AB	WM		UF	CS	GU0404M262501		-0.00183	0.00316	0.029		0.0144	0.016	0.102
E262.5	Water below MDA AB	WM		UF	DUP	GU0404M262501								
E262.5	Water below MDA AB	WT		UF	CS	GU0410E262501		0.107	0.0175	0.037				
E263	Water at SR-4	WT		UF	CS	GU04080E26301		0.372	0.0611	0.124				
E265	Water below SR-4	WT	EQB	UF	CS	GU04080E26501		0.002	0.00448	0.032				
E265	Water below SR-4	WT		UF	CS	GU04050E26501		0.0184	0.00699	0.042				
E265	Water below SR-4	WT		UF	CS	GU04080E26502		0.337	0.0505	0.102				
E265	Water below SR-4	WT		UF	CS	GU04080E26503		0.772	0.0701	0.071				

Table I-10. Watershed Storm Water Monitoring, 2004
Analytical Results for Radionuclides

						Anyl Meth Code	Generic:Alpha-Spec				Generic:Alpha-Spec			
						Analyte	Th-230				Th-232			
						Std Uom	pCi/L				pCi/L			
							Sym	Result	Uncert	MDA	Sym	Result	Uncert	MDA
Location Synonym	Location Name	Fld Matrix Code	Fld Qc Type Code	Fld Prep Code	Lab Sample Type Code	Sample Id								
E026	Los Alamos below Ice Rink	WM		UF	CS	GU04040M02601		0.084	0.0197	0.216		0.0564	0.015	0.054
E026	Los Alamos below Ice Rink	WM		UF	DUP	GU04040M02601								
E026	Los Alamos below Ice Rink	WT	EQB	UF	CS	GU04080E02601								
E026	Los Alamos below Ice Rink	WT		UF	CS	GU04050E02601								
E030	Los Alamos above DP Canyon	WT		UF	CS	GU04070E03001								
E030	Los Alamos above DP Canyon	WT		UF	CS	GU04070E03002								
E030	Los Alamos above DP Canyon	WT		UF	CS	GU04080E03001								
E030	Los Alamos above DP Canyon	WT		UF	CS	GU04090E03001								
E030	Los Alamos above DP Canyon	WT		UF	CS	GU04100E03001								
E030	Los Alamos above DP Canyon	WT		UF	DUP	GU04090E03001								
E038	DP above TA-21	WT	FD	UF	CS	GU04070E03890								
E038	DP above TA-21	WT	FD	UF	CS	GU04070E03891								
E038	DP above TA-21	WT		UF	CS	GU04060E03801								
E038	DP above TA-21	WT		UF	CS	GU04070E03801								
E038	DP above TA-21	WT		UF	CS	GU04070E03802								
E038	DP above TA-21	WT		UF	CS	GU04070E03803								
E038	DP above TA-21	WT		UF	CS	GU04070E03804								
E038	DP above TA-21	WT		UF	CS	GU04080E03801								
E038	DP above TA-21	WT		UF	DUP	GU04060E03801								
E038	DP above TA-21	WT		UF	DUP	GU04070E03802								
E039	DP below Meadow at TA-21	WT	EQB	UF	CS	GU04070E03904								
E039	DP below Meadow at TA-21	WT	EQB	UF	DUP	GU04070E03904								
E039	DP below Meadow at TA-21	WT		UF	CS	GU04050E03901								
E039	DP below Meadow at TA-21	WT		UF	CS	GU04070E03901								
E039	DP below Meadow at TA-21	WT		UF	CS	GU04070E03902								
E039	DP below Meadow at TA-21	WT		UF	CS	GU04070E03903								
E039	DP below Meadow at TA-21	WT		UF	DUP	GU04050E03901								
E040	DP above Los Alamos Canyon	WT		UF	CS	GU04070E04001								
E040	DP above Los Alamos Canyon	WT		UF	CS	GU04070E04002								
E040	DP above Los Alamos Canyon	WT		UF	CS	GU04080E04001								

Table I-10. Watershed Storm Water Monitoring, 2004
Analytical Results for Radionuclides

						Anyl Meth Code	Generic:Alpha-Spec				Generic:Alpha-Spec			
						Analyte	Th-230				Th-232			
						Std Uom	pCi/L				pCi/L			
							Sym	Result	Uncert	MDA	Sym	Result	Uncert	MDA
Location Synonym	Location Name	Fld Matrix Code	Fld Qc Type Code	Fld Prep Code	Lab Sample Type Code	Sample Id								
E040	DP above Los Alamos Canyon	WT		UF	CS	GU04080E04003								
E040	DP above Los Alamos Canyon	WT		UF	DUP	GU04070E04001								
E040	DP above Los Alamos Canyon	WT		UF	DUP	GU04080E04001								
E042	Los Alamos above SR-4	WT		UF	CS	GU04070E04201								
E042	Los Alamos above SR-4	WT		UF	CS	GU04080E04201								
E042	Los Alamos above SR-4	WT		UF	CS	GU04100E04201								
E042	Los Alamos above SR-4	WT		UF	CS	GU04100E04202								
E042	Los Alamos above SR-4	WT		UF	DUP	GU04080E04201								
E050	Los Alamos below LA Weir	WM		UF	CS	GU04040M05001		0.067	0.014	0.17		0.0155	0.00921	0.042
E050	Los Alamos below LA Weir	WM		UF	DUP	GU04040M05001		0.0429	0.012	0.164		0.00641	0.00642	0.041
E055	Pueblo above Acid	WT		UF	CS	GU04070E05501								
E055	Pueblo above Acid	WT		UF	CS	GU04080E05501								
E055	Pueblo above Acid	WT		UF	CS	GU04080E05502								
E055	Pueblo above Acid	WT		UF	CS	GU04090E05501								
E055	Pueblo above Acid	WT		UF	DUP	GU04070E05501								
E055	Pueblo above Acid	WT		UF	DUP	GU04080E05501								
E055	Pueblo above Acid	WT		UF	DUP	GU04090E05501								
E060	Pueblo above SR-502	WT	EQB	UF	CS	GU04080E06001								
E060	Pueblo above SR-502	WT		UF	CS	GU04050E06001								
E060	Pueblo above SR-502	WT		UF	CS	GU04070E06001								
E060	Pueblo above SR-502	WT		UF	CS	GU04070E06002								
E060	Pueblo above SR-502	WT		UF	CS	GU04080E06002								
E060	Pueblo above SR-502	WT		UF	DUP	GU04050E06001								
E060	Pueblo above SR-502	WT		UF	DUP	GU04070E06001								
E121	Sandia right fork at Power Plant	WT		UF	CS	GU04070E12101								
E121	Sandia right fork at Power Plant	WT		UF	CS	GU04080E12102								
E121	Sandia right fork at Power Plant	WT		UF	CS	GU04090E12101								
E121	Sandia right fork at Power Plant	WT		UF	DUP	GU04080E12102								
E121	Sandia right fork at Power Plant	WT		UF	DUP	GU04090E12101								
E124	Sandia above Firing Range	WT		UF	CS	GU04080E12402								

Table I-10. Watershed Storm Water Monitoring, 2004
Analytical Results for Radionuclides

						Anyl Meth Code	Generic:Alpha-Spec				Generic:Alpha-Spec			
						Analyte	Th-230				Th-232			
						Std Uom	pCi/L				pCi/L			
							Sym	Result	Uncert	MDA	Sym	Result	Uncert	MDA
Location Synonym	Location Name	Fld Matrix Code	Fld Qc Type Code	Fld Prep Code	Lab Sample Type Code	Sample Id								
E124	Sandia above Firing Range	WT		UF	CS	GU04080E12403								
E124	Sandia above Firing Range	WT		UF	CS	GU04100E12402								
E124	Sandia above Firing Range	WT		UF	DUP	GU04100E12402								
E200	Mortandad below Effluent Canyon	WT		UF	CS	GU04070E20001								
E200	Mortandad below Effluent Canyon	WT		UF	CS	GU04080E20001								
E200	Mortandad below Effluent Canyon	WT		UF	CS	GU04080E20002								
E200	Mortandad below Effluent Canyon	WT		UF	CS	GU04080E20003								
E200	Mortandad below Effluent Canyon	WT		UF	DUP	GU04070E20001								
E200	Mortandad below Effluent Canyon	WT		UF	DUP	GU04080E20001								
E200	Mortandad below Effluent Canyon	WT		UF	DUP	GU04080E20002								
E201.3	Ten Site below MDA C	WT		UF	CS	GU0404E201303								
E201.3	Ten Site below MDA C	WT		UF	CS	GU0404E201305								
E201.3	Ten Site below MDA C	WT		UF	CS	GU0407E201301								
E201.3	Ten Site below MDA C	WT		UF	DUP	GU0404E201303								
E201.3	Ten Site below MDA C	WT		UF	DUP	GU0404E201305								
E201.5	Ten Site above Mortandad	WT		UF	CS	GU0408E201501								
E218	Canada del Buey near TA-46	WT		UF	CS	GU04080E21801								
E218	Canada del Buey near TA-46	WT		UF	CS	GU04100E21801								
E218	Canada del Buey near TA-46	WT		UF	CS	GU04100E21802								
E218	Canada del Buey near TA-46	WT		UF	DUP	GU04100E21801								
E227	MDA G-13	WT		UF	CS	GU04080E22701								
E230	Canada del Buey above SR-4	WT		UF	CS	GU04080E23001								
E230	Canada del Buey above SR-4	WT		UF	CS	GU04080E23002								
E230	Canada del Buey above SR-4	WT		UF	CS	GU04100E23001								
E230	Canada del Buey above SR-4	WT		UF	DUP	GU04080E23001								
E230	Canada del Buey above SR-4	WT		UF	DUP	GU04100E23001								
E240	Pajarito below SR-501	WT	EQB	UF	CS	GU04080E24001								
E240	Pajarito below SR-501	WT	EQB	UF	DUP	GU04080E24001								
E240	Pajarito below SR-501	WT		UF	CS	GU04050E24001								
E243	Pajarito above Twomile	WM		UF	CS	GU04040M24301		0.102	0.0172	0.181		0.0519	0.0122	0.045

Table I-10. Watershed Storm Water Monitoring, 2004
Analytical Results for Radionuclides

						Anyl Meth Code	Generic:Alpha-Spec				Generic:Alpha-Spec			
						Analyte	Th-230				Th-232			
						Std Uom	pCi/L				pCi/L			
							Sym	Result	Uncert	MDA	Sym	Result	Uncert	MDA
Location Synonym	Location Name	Fld Matrix Code	Fld Qc Type Code	Fld Prep Code	Lab Sample Type Code	Sample Id								
E243	Pajarito above Twomile	WM		UF	DUP	GU04040M24301								
E243.5	Twomile tributary at TA-3	WT	EQB	UF	CS	GU0405E243501								
E243.5	Twomile tributary at TA-3	WT	EQB	UF	CS	GU0408E243501								
E243.5	Twomile tributary at TA-3	WT	EQB	UF	DUP	GU0405E243501								
E243.5	Twomile tributary at TA-3	WT	FD	UF	CS	GU0407E243594								
E243.5	Twomile tributary at TA-3	WT	FD	UF	DUP	GU0407E243594								
E243.5	Twomile tributary at TA-3	WT		UF	CS	GU0406E243501								
E243.5	Twomile tributary at TA-3	WT		UF	CS	GU0407E243501								
E243.5	Twomile tributary at TA-3	WT		UF	CS	GU0407E243503								
E243.5	Twomile tributary at TA-3	WT		UF	CS	GU0407E243504								
E243.5	Twomile tributary at TA-3	WT		UF	CS	GU0407E243505								
E243.5	Twomile tributary at TA-3	WT		UF	CS	GU0409E243501								
E243.5	Twomile tributary at TA-3	WT		UF	CS	GU0409E243502								
E243.5	Twomile tributary at TA-3	WT		UF	CS	GU0409E243503								
E243.5	Twomile tributary at TA-3	WT		UF	DUP	GU0406E243501								
E243.5	Twomile tributary at TA-3	WT		UF	DUP	GU0407E243501								
E243.5	Twomile tributary at TA-3	WT		UF	DUP	GU0407E243505								
E243.5	Twomile tributary at TA-3	WT		UF	DUP	GU0409E243501								
E243.5	Twomile tributary at TA-3	WT		UF	DUP	GU0409E243503								
E244	Twomile above Pajarito	WM		UF	CS	GU04040M24401		0.12	0.0191	0.179		0.0163	0.00782	0.044
E244	Twomile above Pajarito	WT		UF	CS	GU04070E24401								
E244	Twomile above Pajarito	WT		UF	CS	GU04080E24401								
E245	Pajarito above TA-18	WM		UF	CS	GU04040M24501		0.101	0.0189	0.191		0.0374	0.0118	0.047
E245	Pajarito above TA-18	WM		UF	DUP	GU04040M24501								
E245	Pajarito above TA-18	WT		UF	CS	GU04070E24501								
E245	Pajarito above TA-18	WT		UF	CS	GU04100E24501								
E245	Pajarito above TA-18	WT		UF	DUP	GU04100E24501								
E245.5	Pajarito above Threemile	WM		UF	CS	GU0404M245501		0.153	0.0217	0.167		0.0544	0.0138	0.041
E245.5	Pajarito above Threemile	WM		UF	DUP	GU0404M245501								
E245.5	Pajarito above Threemile	WT		UF	CS	GU0407E245501								

Table I-10. Watershed Storm Water Monitoring, 2004
Analytical Results for Radionuclides

						Anyl Meth Code	Generic:Alpha-Spec				Generic:Alpha-Spec			
						Analyte	Th-230				Th-232			
						Std Uom	pCi/L				pCi/L			
							Sym	Result	Uncert	MDA	Sym	Result	Uncert	MDA
Location Synonym	Location Name	Fld Matrix Code	Fld Qc Type Code	Fld Prep Code	Lab Sample Type Code	Sample Id								
E245.5	Pajarito above Threemile	WT		UF	CS	GU0408E245501								
E245.5	Pajarito above Threemile	WT		UF	CS	GU0410E245501								
E245.5	Pajarito above Threemile	WT		UF	DUP	GU0407E245501								
E245.5	Pajarito above Threemile	WT		UF	DUP	GU0408E245501								
E245.5	Pajarito above Threemile	WT		UF	DUP	GU0410E245501								
E246	Threemile above Pajarito	WT		UF	CS	GU04070E24601								
E246	Threemile above Pajarito	WT		UF	CS	GU04080E24601								
E246	Threemile above Pajarito	WT		UF	DUP	GU04070E24601								
E247	MDA G-1	WT		UF	CS	GU04080E24701								
E247	MDA G-1	WT		UF	CS	GU04100E24701								
E247	MDA G-1	WT		UF	CS	GU04100E24702								
E247	MDA G-1	WT		UF	DUP	GU04080E24701								
E247	MDA G-1	WT		UF	DUP	GU04100E24701								
E247	MDA G-1	WT		UF	DUP	GU04100E24702								
E248.5	MDA G-6U	WT		UF	CS	GU0404E248502								
E248.5	MDA G-6U	WT		UF	CS	GU0407E248501								
E248.5	MDA G-6U	WT		UF	CS	GU0408E248501								
E249	MDA G-4	WT		UF	CS	GU04080E24901								
E250	Pajarito above SR-4	WT		UF	CS	GU04040E25002								
E250	Pajarito above SR-4	WT		UF	DUP	GU04040E25002								
E262.5	Water below MDA AB	WM		UF	CS	GU0404M262501		0.0457	0.0161	0.19		0.00989	0.0061	0.047
E262.5	Water below MDA AB	WM		UF	DUP	GU0404M262501								
E262.5	Water below MDA AB	WT		UF	CS	GU0410E262501								
E263	Water at SR-4	WT		UF	CS	GU04080E26301								
E265	Water below SR-4	WT	EQB	UF	CS	GU04080E26501								
E265	Water below SR-4	WT		UF	CS	GU04050E26501								
E265	Water below SR-4	WT		UF	CS	GU04080E26502								
E265	Water below SR-4	WT		UF	CS	GU04080E26503								

Table I-10. Watershed Storm Water Monitoring, 2004
Analytical Results for Radionuclides

						Anyl Meth Code	Generic:Alpha-Spec				Generic:Alpha-Spec			
						Analyte	U-234				U-235,236			
						Std Uom	pCi/L				pCi/L			
							Sym	Result	Uncert	MDA	Sym	Result	Uncert	MDA
Location Synonym	Location Name	Fld Matrix Code	Fld Qc Type Code	Fld Prep Code	Lab Sample Type Code	Sample Id								
E026	Los Alamos below Ice Rink	WM		UF	CS	GU04040M02601		0.0513	0.0144	0.082		0.0162	0.0109	0.05
E026	Los Alamos below Ice Rink	WM		UF	DUP	GU04040M02601								
E026	Los Alamos below Ice Rink	WT	EQB	UF	CS	GU04080E02601		0.00628	0.0213	0.096		0.02	0.0125	0.062
E026	Los Alamos below Ice Rink	WT		UF	CS	GU04050E02601		0.00965	0.00595	0.074		-0.00242	0.00419	0.045
E030	Los Alamos above DP Canyon	WT		UF	CS	GU04070E03001								
E030	Los Alamos above DP Canyon	WT		UF	CS	GU04070E03002		7.38	0.428	0.332		0.417	0.0755	0.215
E030	Los Alamos above DP Canyon	WT		UF	CS	GU04080E03001		8.88	0.445	0.288		0.762	0.093	0.186
E030	Los Alamos above DP Canyon	WT		UF	CS	GU04090E03001		15.9	1.08	0.49		0.939	0.149	0.317
E030	Los Alamos above DP Canyon	WT		UF	CS	GU04100E03001		4.51	0.275	0.12		0.239	0.0341	0.078
E030	Los Alamos above DP Canyon	WT		UF	DUP	GU04090E03001								
E038	DP above TA-21	WT	FD	UF	CS	GU04070E03890								
E038	DP above TA-21	WT	FD	UF	CS	GU04070E03891		-0.0732	0.0344	0.117		0.0657	0.0203	0.072
E038	DP above TA-21	WT		UF	CS	GU04060E03801		3.5	0.16	0.067		0.292	0.029	0.041
E038	DP above TA-21	WT		UF	CS	GU04070E03801								
E038	DP above TA-21	WT		UF	CS	GU04070E03802		0.147	0.0299	0.14		0.046	0.0207	0.085
E038	DP above TA-21	WT		UF	CS	GU04070E03803		2.58	0.138	0.114		0.221	0.0321	0.069
E038	DP above TA-21	WT		UF	CS	GU04070E03804								
E038	DP above TA-21	WT		UF	CS	GU04080E03801		1.35	0.0939	0.091		0.0827	0.0195	0.059
E038	DP above TA-21	WT		UF	DUP	GU04060E03801								
E038	DP above TA-21	WT		UF	DUP	GU04070E03802								
E039	DP below Meadow at TA-21	WT	EQB	UF	CS	GU04070E03904		0.0522	0.0188	0.094		0.0163	0.00865	0.061
E039	DP below Meadow at TA-21	WT	EQB	UF	DUP	GU04070E03904		0.0743	0.0199	0.094		0.0132	0.00808	0.061
E039	DP below Meadow at TA-21	WT		UF	CS	GU04050E03901		0.0173	0.00827	0.075		0.0124	0.00747	0.046
E039	DP below Meadow at TA-21	WT		UF	CS	GU04070E03901		2.6	0.161	0.109		0.215	0.0302	0.067
E039	DP below Meadow at TA-21	WT		UF	CS	GU04070E03902		4.1	0.256	0.162		0.442	0.054	0.099
E039	DP below Meadow at TA-21	WT		UF	CS	GU04070E03903		1.54	0.0886	0.087		0.0726	0.0162	0.056
E039	DP below Meadow at TA-21	WT		UF	DUP	GU04050E03901								
E040	DP above Los Alamos Canyon	WT		UF	CS	GU04070E04001		10.3	0.545	0.206		0.941	0.0909	0.126
E040	DP above Los Alamos Canyon	WT		UF	CS	GU04070E04002		1.99	0.129	0.137		0.124	0.0259	0.089
E040	DP above Los Alamos Canyon	WT		UF	CS	GU04080E04001		6.49	0.305	0.126		0.276	0.0385	0.081

Table I-10. Watershed Storm Water Monitoring, 2004
Analytical Results for Radionuclides

						Anyl Meth Code	Generic:Alpha-Spec				Generic:Alpha-Spec			
						Analyte	U-234				U-235,236			
						Std Uom	pCi/L				pCi/L			
							Sym	Result	Uncert	MDA	Sym	Result	Uncert	MDA
Location Synonym	Location Name	Fld Matrix Code	Fld Qc Type Code	Fld Prep Code	Lab Sample Type Code	Sample Id								
E040	DP above Los Alamos Canyon	WT		UF	CS	GU04080E04003		3.51	0.202	0.156		0.196	0.0354	0.101
E040	DP above Los Alamos Canyon	WT		UF	DUP	GU04070E04001		8.24	0.466	0.225		0.69	0.0815	0.138
E040	DP above Los Alamos Canyon	WT		UF	DUP	GU04080E04001		4.8	0.227	0.11		0.373	0.0408	0.071
E042	Los Alamos above SR-4	WT		UF	CS	GU04070E04201		14.8	0.759	0.386		1.5	0.152	0.236
E042	Los Alamos above SR-4	WT		UF	CS	GU04080E04201		16.1	0.949	0.781		0.627	0.149	0.506
E042	Los Alamos above SR-4	WT		UF	CS	GU04100E04201		6.38	0.353	0.097		0.287	0.0343	0.063
E042	Los Alamos above SR-4	WT		UF	CS	GU04100E04202		2.69	0.178	0.163		0.153	0.0314	0.105
E042	Los Alamos above SR-4	WT		UF	DUP	GU04080E04201		15.7	0.949	0.827		1.18	0.208	0.535
E050	Los Alamos below LA Weir	WM		UF	CS	GU04040M05001		0.096	0.0173	0.068		0.0246	0.00988	0.042
E050	Los Alamos below LA Weir	WM		UF	DUP	GU04040M05001								
E055	Pueblo above Acid	WT		UF	CS	GU04070E05501		5.5	0.324	0.349		0.292	0.0675	0.226
E055	Pueblo above Acid	WT		UF	CS	GU04080E05501		3.78	0.23	0.25		0.183	0.0405	0.162
E055	Pueblo above Acid	WT		UF	CS	GU04080E05502		2.54	0.189	0.251		0.219	0.0513	0.163
E055	Pueblo above Acid	WT		UF	CS	GU04090E05501		3.54	0.244	0.238		0.174	0.0407	0.154
E055	Pueblo above Acid	WT		UF	DUP	GU04070E05501								
E055	Pueblo above Acid	WT		UF	DUP	GU04080E05501								
E055	Pueblo above Acid	WT		UF	DUP	GU04090E05501								
E060	Pueblo above SR-502	WT	EQB	UF	CS	GU04080E06001		0.0437	0.0158	0.078		-0.00273	0.00985	0.051
E060	Pueblo above SR-502	WT		UF	CS	GU04050E06001		0.0381	0.0104	0.058		0.00383	0.00469	0.036
E060	Pueblo above SR-502	WT		UF	CS	GU04070E06001		1.43	0.107	0.133		0.153	0.0315	0.081
E060	Pueblo above SR-502	WT		UF	CS	GU04070E06002		3.69	0.202	0.157		0.209	0.0349	0.102
E060	Pueblo above SR-502	WT		UF	CS	GU04080E06002		0.638	0.0502	0.092		0.0578	0.0145	0.06
E060	Pueblo above SR-502	WT		UF	DUP	GU04050E06001		0.0183	0.00978	0.07		0.00918	0.00861	0.043
E060	Pueblo above SR-502	WT		UF	DUP	GU04070E06001		1.53	0.0933	0.108		0.143	0.0232	0.066
E121	Sandia right fork at Power Plant	WT		UF	CS	GU04070E12101		0.617	0.0454	0.073		0.0461	0.0127	0.048
E121	Sandia right fork at Power Plant	WT		UF	CS	GU04080E12102		0.254	0.0319	0.089		0.028	0.0112	0.058
E121	Sandia right fork at Power Plant	WT		UF	CS	GU04090E12101		1.15	0.0835	0.1		0.0525	0.0147	0.065
E121	Sandia right fork at Power Plant	WT		UF	DUP	GU04080E12102		0.286	0.0359	0.091		0.0222	0.00954	0.059
E121	Sandia right fork at Power Plant	WT		UF	DUP	GU04090E12101		0.643	0.0516	0.081		0.0424	0.0118	0.052
E124	Sandia above Firing Range	WT		UF	CS	GU04080E12402		2.78	0.166	0.097		0.122	0.0212	0.063

						Anyl Meth Code	Generic:Alpha-Spec				Generic:Alpha-Spec			
						Analyte	U-234				U-235,236			
						Std Uom	pCi/L				pCi/L			
							Sym	Result	Uncert	MDA	Sym	Result	Uncert	MDA
Location Synonym	Location Name	Fld Matrix Code	Fld Qc Type Code	Fld Prep Code	Lab Sample Type Code	Sample Id								
E124	Sandia above Firing Range	WT		UF	CS	GU04080E12403		5.38	0.4	0.467		0.423	0.105	0.302
E124	Sandia above Firing Range	WT		UF	CS	GU04100E12402		1.06	0.0612	0.062		0.0495	0.0105	0.04
E124	Sandia above Firing Range	WT		UF	DUP	GU04100E12402		1.2	0.0674	0.065		0.0589	0.0118	0.042
E200	Mortandad below Effluent Canyon	WT		UF	CS	GU04070E20001		1.18	0.073	0.085		0.0384	0.0123	0.055
E200	Mortandad below Effluent Canyon	WT		UF	CS	GU04080E20001		1.87	0.105	0.098		0.0891	0.0191	0.064
E200	Mortandad below Effluent Canyon	WT		UF	CS	GU04080E20002		3.58	0.224	0.138		0.197	0.0324	0.089
E200	Mortandad below Effluent Canyon	WT		UF	CS	GU04080E20003		3.13	0.198	0.246		0.188	0.0408	0.159
E200	Mortandad below Effluent Canyon	WT		UF	DUP	GU04070E20001								
E200	Mortandad below Effluent Canyon	WT		UF	DUP	GU04080E20001								
E200	Mortandad below Effluent Canyon	WT		UF	DUP	GU04080E20002								
E201.3	Ten Site below MDA C	WT		UF	CS	GU0404E201303								
E201.3	Ten Site below MDA C	WT		UF	CS	GU0404E201305		0.0511	0.0154	0.065		0.00854	0.00956	0.04
E201.3	Ten Site below MDA C	WT		UF	CS	GU0407E201301								
E201.3	Ten Site below MDA C	WT		UF	DUP	GU0404E201303								
E201.3	Ten Site below MDA C	WT		UF	DUP	GU0404E201305		0.0463	0.0134	0.083		0.0164	0.00953	0.051
E201.5	Ten Site above Mortandad	WT		UF	CS	GU0408E201501								
E218	Canada del Buey near TA-46	WT		UF	CS	GU04080E21801		1.75	0.121	0.125		0.218	0.0343	0.081
E218	Canada del Buey near TA-46	WT		UF	CS	GU04100E21801		0.759	0.0554	0.068		0.0286	0.00903	0.044
E218	Canada del Buey near TA-46	WT		UF	CS	GU04100E21802								
E218	Canada del Buey near TA-46	WT		UF	DUP	GU04100E21801								
E227	MDA G-13	WT		UF	CS	GU04080E22701								
E230	Canada del Buey above SR-4	WT		UF	CS	GU04080E23001		1.85	0.131	0.144		0.155	0.0289	0.093
E230	Canada del Buey above SR-4	WT		UF	CS	GU04080E23002		8.23	0.505	0.564		0.551	0.11	0.365
E230	Canada del Buey above SR-4	WT		UF	CS	GU04100E23001		9.65	0.555	0.126		0.702	0.067	0.081
E230	Canada del Buey above SR-4	WT		UF	DUP	GU04080E23001		2.27	0.13	0.131		0.151	0.0269	0.085
E230	Canada del Buey above SR-4	WT		UF	DUP	GU04100E23001								
E240	Pajarito below SR-501	WT	EQB	UF	CS	GU04080E24001		-0.009	0.0191	0.137		0	0.00956	0.089
E240	Pajarito below SR-501	WT	EQB	UF	DUP	GU04080E24001		0.0432	0.0128	0.069		0.00967	0.00485	0.045
E240	Pajarito below SR-501	WT		UF	CS	GU04050E24001		-0.0434	0.0187	0.11		0.0181	0.0121	0.067
E243	Pajarito above Twomile	WM		UF	CS	GU04040M24301		0.0173	0.00873	0.066		0.00217	0.00783	0.04

Table I-10. Watershed Storm Water Monitoring, 2004
Analytical Results for Radionuclides

						Anyl Meth Code	Generic:Alpha-Spec				Generic:Alpha-Spec			
						Analyte	U-234				U-235,236			
						Std Uom	pCi/L				pCi/L			
							Sym	Result	Uncert	MDA	Sym	Result	Uncert	MDA
Location Synonym	Location Name	Fld Matrix Code	Fld Qc Type Code	Fld Prep Code	Lab Sample Type Code	Sample Id								
E243	Pajarito above Twomile	WM		UF	DUP	GU04040M24301								
E243.5	Twomile tributary at TA-3	WT	EQB	UF	CS	GU0405E243501		0.0253	0.0117	0.086		-0.0141	0.0123	0.052
E243.5	Twomile tributary at TA-3	WT	EQB	UF	CS	GU0408E243501		0.0396	0.0133	0.08		0.0028	0.00486	0.052
E243.5	Twomile tributary at TA-3	WT	EQB	UF	DUP	GU0405E243501		0.00459	0.0103	0.07		0.0184	0.00739	0.043
E243.5	Twomile tributary at TA-3	WT	FD	UF	CS	GU0407E243594		0.0769	0.0146	0.06		0.0198	0.00794	0.037
E243.5	Twomile tributary at TA-3	WT	FD	UF	DUP	GU0407E243594		0.0736	0.0149	0.068		0.0268	0.0105	0.042
E243.5	Twomile tributary at TA-3	WT		UF	CS	GU0406E243501		0.176	0.0281	0.107		0.0282	0.0123	0.065
E243.5	Twomile tributary at TA-3	WT		UF	CS	GU0407E243501								
E243.5	Twomile tributary at TA-3	WT		UF	CS	GU0407E243503		0.593	0.0512	0.089		0.0554	0.0142	0.054
E243.5	Twomile tributary at TA-3	WT		UF	CS	GU0407E243504		0.263	0.0326	0.107		0.0598	0.0147	0.065
E243.5	Twomile tributary at TA-3	WT		UF	CS	GU0407E243505								
E243.5	Twomile tributary at TA-3	WT		UF	CS	GU0409E243501		0.173	0.0359	0.143		0.0497	0.0212	0.092
E243.5	Twomile tributary at TA-3	WT		UF	CS	GU0409E243502		0.152	0.0186	0.054		0.0187	0.00755	0.035
E243.5	Twomile tributary at TA-3	WT		UF	CS	GU0409E243503		0.11	0.0203	0.063		0.0133	0.00703	0.041
E243.5	Twomile tributary at TA-3	WT		UF	DUP	GU0406E243501								
E243.5	Twomile tributary at TA-3	WT		UF	DUP	GU0407E243501								
E243.5	Twomile tributary at TA-3	WT		UF	DUP	GU0407E243505								
E243.5	Twomile tributary at TA-3	WT		UF	DUP	GU0409E243501								
E243.5	Twomile tributary at TA-3	WT		UF	DUP	GU0409E243503		0.0308	0.02	0.094		-0.0131	0.0113	0.061
E244	Twomile above Pajarito	WM		UF	CS	GU04040M24401		0.0428	0.0107	0.069		0.00677	0.00507	0.042
E244	Twomile above Pajarito	WT		UF	CS	GU04070E24401		34	1.76	0.715		5.91	0.458	0.437
E244	Twomile above Pajarito	WT		UF	CS	GU04080E24401		15.9	0.834	0.485		0.896	0.137	0.314
E245	Pajarito above TA-18	WM		UF	CS	GU04040M24501		0.0517	0.0156	0.072		0.00943	0.00748	0.044
E245	Pajarito above TA-18	WM		UF	DUP	GU04040M24501								
E245	Pajarito above TA-18	WT		UF	CS	GU04070E24501								
E245	Pajarito above TA-18	WT		UF	CS	GU04100E24501		2.69	0.17	0.108		0.18	0.0277	0.07
E245	Pajarito above TA-18	WT		UF	DUP	GU04100E24501		2.6	0.178	0.134		0.172	0.032	0.086
E245.5	Pajarito above Threemile	WM		UF	CS	GU0404M245501		0.0595	0.0128	0.067		0.0199	0.00864	0.041
E245.5	Pajarito above Threemile	WM		UF	DUP	GU0404M245501		0.1	0.0174	0.068		0.0179	0.00716	0.042
E245.5	Pajarito above Threemile	WT		UF	CS	GU0407E245501		21.7	1.22	0.613		1.26	0.177	0.397

Table I-10. Watershed Storm Water Monitoring, 2004
Analytical Results for Radionuclides

						Anyl Meth Code	Generic:Alpha-Spec				Generic:Alpha-Spec			
						Analyte	U-234				U-235,236			
						Std Uom	pCi/L				pCi/L			
							Sym	Result	Uncert	MDA	Sym	Result	Uncert	MDA
Location Synonym	Location Name	Fld Matrix Code	Fld Qc Type Code	Fld Prep Code	Lab Sample Type Code	Sample Id								
E245.5	Pajarito above Threemile	WT		UF	CS	GU0408E245501		7.03	0.466	0.439		0.428	0.0835	0.284
E245.5	Pajarito above Threemile	WT		UF	CS	GU0410E245501								
E245.5	Pajarito above Threemile	WT		UF	DUP	GU0407E245501		23.7	1.29	0.586		1.25	0.172	0.379
E245.5	Pajarito above Threemile	WT		UF	DUP	GU0408E245501		10.8	0.583	0.5		0.801	0.122	0.323
E245.5	Pajarito above Threemile	WT		UF	DUP	GU0410E245501								
E246	Threemile above Pajarito	WT		UF	CS	GU04070E24601		54.2	2.45	0.413		3.09	0.249	0.267
E246	Threemile above Pajarito	WT		UF	CS	GU04080E24601		40.6	2.09	0.88		2.76	0.327	0.57
E246	Threemile above Pajarito	WT		UF	DUP	GU04070E24601								
E247	MDA G-1	WT		UF	CS	GU04080E24701		8.49	0.559	0.509		0.835	0.133	0.33
E247	MDA G-1	WT		UF	CS	GU04100E24701		3.51	0.273	0.215		0.202	0.041	0.139
E247	MDA G-1	WT		UF	CS	GU04100E24702								
E247	MDA G-1	WT		UF	DUP	GU04080E24701								
E247	MDA G-1	WT		UF	DUP	GU04100E24701								
E247	MDA G-1	WT		UF	DUP	GU04100E24702								
E248.5	MDA G-6U	WT		UF	CS	GU0404E248502								
E248.5	MDA G-6U	WT		UF	CS	GU0407E248501								
E248.5	MDA G-6U	WT		UF	CS	GU0408E248501		7.85	0.439	0.215		0.45	0.0637	0.139
E249	MDA G-4	WT		UF	CS	GU04080E24901								
E250	Pajarito above SR-4	WT		UF	CS	GU04040E25002		0.12	0.023	0.092		0.0151	0.0117	0.056
E250	Pajarito above SR-4	WT		UF	DUP	GU04040E25002								
E262.5	Water below MDA AB	WM		UF	CS	GU0404M262501		0.01	0.0112	0.076		0.0201	0.0101	0.047
E262.5	Water below MDA AB	WM		UF	DUP	GU0404M262501								
E262.5	Water below MDA AB	WT		UF	CS	GU0410E262501		8.21	0.446	0.177		0.606	0.0687	0.115
E263	Water at SR-4	WT		UF	CS	GU04080E26301		38.2	1.9	0.522		2.53	0.247	0.338
E265	Water below SR-4	WT	EQB	UF	CS	GU04080E26501		0.0396	0.0113	0.067		0.00702	0.00702	0.043
E265	Water below SR-4	WT		UF	CS	GU04050E26501		0.0127	0.00844	0.077		0.00762	0.00674	0.047
E265	Water below SR-4	WT		UF	CS	GU04080E26502		29.2	1.51	0.429		1.18	0.146	0.278
E265	Water below SR-4	WT		UF	CS	GU04080E26503		16	1.01	0.669		0.676	0.142	0.433

Table I-10. Watershed Storm Water Monitoring, 2004
Analytical Results for Radionuclides

						Anyl Meth Code	Generic:Alpha-Spec				Generic:Gas Flow Proportional Counting			
						Analyte	U-238				Pb-210			
						Std Uom	pCi/L				pCi/L			
							Sym	Result	Uncert	MDA	Sym	Result	Uncert	MDA
Location Synonym	Location Name	Fld Matrix Code	Fld Qc Type Code	Fld Prep Code	Lab Sample Type Code	Sample Id								
E026	Los Alamos below Ice Rink	WM		UF	CS	GU04040M02601		0.027	0.0116	0.058		-0.0644	0.271	1.23
E026	Los Alamos below Ice Rink	WM		UF	DUP	GU04040M02601								
E026	Los Alamos below Ice Rink	WT	EQB	UF	CS	GU04080E02601		0.0157	0.0144	0.068				
E026	Los Alamos below Ice Rink	WT		UF	CS	GU04050E02601		0.00965	0.00595	0.052				
E030	Los Alamos above DP Canyon	WT		UF	CS	GU04070E03001								
E030	Los Alamos above DP Canyon	WT		UF	CS	GU04070E03002		7.87	0.449	0.235				
E030	Los Alamos above DP Canyon	WT		UF	CS	GU04080E03001		10.1	0.489	0.204				
E030	Los Alamos above DP Canyon	WT		UF	CS	GU04090E03001		15.3	1.04	0.347				
E030	Los Alamos above DP Canyon	WT		UF	CS	GU04100E03001		4.85	0.293	0.085				
E030	Los Alamos above DP Canyon	WT		UF	DUP	GU04090E03001								
E038	DP above TA-21	WT	FD	UF	CS	GU04070E03890								
E038	DP above TA-21	WT	FD	UF	CS	GU04070E03891		0.0847	0.0215	0.083				
E038	DP above TA-21	WT		UF	CS	GU04060E03801		3.57	0.163	0.048				
E038	DP above TA-21	WT		UF	CS	GU04070E03801								
E038	DP above TA-21	WT		UF	CS	GU04070E03802		0.133	0.0264	0.099				
E038	DP above TA-21	WT		UF	CS	GU04070E03803		2.45	0.131	0.08				
E038	DP above TA-21	WT		UF	CS	GU04070E03804								
E038	DP above TA-21	WT		UF	CS	GU04080E03801		1.33	0.0905	0.065				
E038	DP above TA-21	WT		UF	DUP	GU04060E03801								
E038	DP above TA-21	WT		UF	DUP	GU04070E03802								
E039	DP below Meadow at TA-21	WT	EQB	UF	CS	GU04070E03904		0.0246	0.0115	0.066				
E039	DP below Meadow at TA-21	WT	EQB	UF	DUP	GU04070E03904		0.0278	0.0103	0.067				
E039	DP below Meadow at TA-21	WT		UF	CS	GU04050E03901		0.00493	0.00605	0.053				
E039	DP below Meadow at TA-21	WT		UF	CS	GU04070E03901		2.66	0.164	0.077				
E039	DP below Meadow at TA-21	WT		UF	CS	GU04070E03902		3.8	0.24	0.115				
E039	DP below Meadow at TA-21	WT		UF	CS	GU04070E03903		1.54	0.0884	0.061				
E039	DP below Meadow at TA-21	WT		UF	DUP	GU04050E03901								
E040	DP above Los Alamos Canyon	WT		UF	CS	GU04070E04001		9.66	0.513	0.146				
E040	DP above Los Alamos Canyon	WT		UF	CS	GU04070E04002		1.93	0.125	0.097				
E040	DP above Los Alamos Canyon	WT		UF	CS	GU04080E04001		5.91	0.282	0.089				

Table I-10. Watershed Storm Water Monitoring, 2004
Analytical Results for Radionuclides

						Anyl Meth Code	Generic:Alpha-Spec				Generic:Gas Flow Proportional Counting			
						Analyte	U-238				Pb-210			
						Std Uom	pCi/L				pCi/L			
							Sym	Result	Uncert	MDA	Sym	Result	Uncert	MDA
Location Synonym	Location Name	Fld Matrix Code	Fld Qc Type Code	Fld Prep Code	Lab Sample Type Code	Sample Id								
E040	DP above Los Alamos Canyon	WT		UF	CS	GU04080E04003		3.23	0.189	0.111				
E040	DP above Los Alamos Canyon	WT		UF	DUP	GU04070E04001		8.54	0.48	0.16				
E040	DP above Los Alamos Canyon	WT		UF	DUP	GU04080E04001		4.29	0.206	0.078				
E042	Los Alamos above SR-4	WT		UF	CS	GU04070E04201		13.2	0.688	0.273				
E042	Los Alamos above SR-4	WT		UF	CS	GU04080E04201		15.3	0.907	0.553				
E042	Los Alamos above SR-4	WT		UF	CS	GU04100E04201		5.78	0.323	0.068				
E042	Los Alamos above SR-4	WT		UF	CS	GU04100E04202		2.23	0.154	0.115				
E042	Los Alamos above SR-4	WT		UF	DUP	GU04080E04201		13.4	0.835	0.585				
E050	Los Alamos below LA Weir	WM		UF	CS	GU04040M05001		0.0424	0.011	0.048		1.02	0.288	0.984
E050	Los Alamos below LA Weir	WM		UF	DUP	GU04040M05001						0.322	0.235	0.965
E055	Pueblo above Acid	WT		UF	CS	GU04070E05501		5.65	0.33	0.247				
E055	Pueblo above Acid	WT		UF	CS	GU04080E05501		3.14	0.202	0.177				
E055	Pueblo above Acid	WT		UF	CS	GU04080E05502		3.16	0.218	0.178				
E055	Pueblo above Acid	WT		UF	CS	GU04090E05501		3.77	0.256	0.168				
E055	Pueblo above Acid	WT		UF	DUP	GU04070E05501								
E055	Pueblo above Acid	WT		UF	DUP	GU04080E05501								
E055	Pueblo above Acid	WT		UF	DUP	GU04090E05501								
E060	Pueblo above SR-502	WT	EQB	UF	CS	GU04080E06001		-2.45E-09	0.0121	0.055				
E060	Pueblo above SR-502	WT		UF	CS	GU04050E06001		0.00381	0.00271	0.041				
E060	Pueblo above SR-502	WT		UF	CS	GU04070E06001		1.41	0.106	0.094				
E060	Pueblo above SR-502	WT		UF	CS	GU04070E06002		3.64	0.2	0.112				
E060	Pueblo above SR-502	WT		UF	CS	GU04080E06002		0.671	0.0516	0.065				
E060	Pueblo above SR-502	WT		UF	DUP	GU04050E06001		0	0.00324	0.049				
E060	Pueblo above SR-502	WT		UF	DUP	GU04070E06001		1.42	0.088	0.077				
E121	Sandia right fork at Power Plant	WT		UF	CS	GU04070E12101		0.6	0.044	0.052				
E121	Sandia right fork at Power Plant	WT		UF	CS	GU04080E12102		0.26	0.03	0.063				
E121	Sandia right fork at Power Plant	WT		UF	CS	GU04090E12101		0.946	0.0725	0.071				
E121	Sandia right fork at Power Plant	WT		UF	DUP	GU04080E12102		0.242	0.0295	0.064				
E121	Sandia right fork at Power Plant	WT		UF	DUP	GU04090E12101		0.561	0.0472	0.057				
E124	Sandia above Firing Range	WT		UF	CS	GU04080E12402		2.51	0.152	0.069				

Table I-10. Watershed Storm Water Monitoring, 2004
Analytical Results for Radionuclides

						Anyl Meth Code	Generic:Alpha-Spec				Generic:Gas Flow Proportional Counting			
						Analyte	U-238				Pb-210			
						Std Uom	pCi/L				pCi/L			
							Sym	Result	Uncert	MDA	Sym	Result	Uncert	MDA
Location Synonym	Location Name	Fld Matrix Code	Fld Qc Type Code	Fld Prep Code	Lab Sample Type Code	Sample Id								
E124	Sandia above Firing Range	WT		UF	CS	GU04080E12403		5.91	0.418	0.331				
E124	Sandia above Firing Range	WT		UF	CS	GU04100E12402		1.06	0.061	0.044				
E124	Sandia above Firing Range	WT		UF	DUP	GU04100E12402		1.14	0.0647	0.046				
E200	Mortandad below Effluent Canyon	WT		UF	CS	GU04070E20001		1.22	0.0748	0.06				
E200	Mortandad below Effluent Canyon	WT		UF	CS	GU04080E20001		1.82	0.103	0.07				
E200	Mortandad below Effluent Canyon	WT		UF	CS	GU04080E20002		3.92	0.242	0.098				
E200	Mortandad below Effluent Canyon	WT		UF	CS	GU04080E20003		3.46	0.212	0.174				
E200	Mortandad below Effluent Canyon	WT		UF	DUP	GU04070E20001								
E200	Mortandad below Effluent Canyon	WT		UF	DUP	GU04080E20001								
E200	Mortandad below Effluent Canyon	WT		UF	DUP	GU04080E20002								
E201.3	Ten Site below MDA C	WT		UF	CS	GU0404E201303								
E201.3	Ten Site below MDA C	WT		UF	CS	GU0404E201305		0.0745	0.0153	0.046				
E201.3	Ten Site below MDA C	WT		UF	CS	GU0407E201301								
E201.3	Ten Site below MDA C	WT		UF	DUP	GU0404E201303								
E201.3	Ten Site below MDA C	WT		UF	DUP	GU0404E201305		0.0463	0.014	0.059				
E201.5	Ten Site above Mortandad	WT		UF	CS	GU0408E201501								
E218	Canada del Buey near TA-46	WT		UF	CS	GU04080E21801		2.18	0.143	0.088				
E218	Canada del Buey near TA-46	WT		UF	CS	GU04100E21801		0.559	0.0445	0.048				
E218	Canada del Buey near TA-46	WT		UF	CS	GU04100E21802								
E218	Canada del Buey near TA-46	WT		UF	DUP	GU04100E21801								
E227	MDA G-13	WT		UF	CS	GU04080E22701								
E230	Canada del Buey above SR-4	WT		UF	CS	GU04080E23001		1.94	0.135	0.102				
E230	Canada del Buey above SR-4	WT		UF	CS	GU04080E23002		11.4	0.637	0.399				
E230	Canada del Buey above SR-4	WT		UF	CS	GU04100E23001		11	0.626	0.089				
E230	Canada del Buey above SR-4	WT		UF	DUP	GU04080E23001		2.21	0.128	0.093				
E230	Canada del Buey above SR-4	WT		UF	DUP	GU04100E23001								
E240	Pajarito below SR-501	WT	EQB	UF	CS	GU04080E24001		-0.0045	0.00779	0.097				
E240	Pajarito below SR-501	WT	EQB	UF	DUP	GU04080E24001		0.0136	0.00852	0.049				
E240	Pajarito below SR-501	WT		UF	CS	GU04050E24001		0.0109	0.0109	0.078				
E243	Pajarito above Twomile	WM		UF	CS	GU04040M24301		0.0303	0.0103	0.047		-1.07	0.239	1.3

Table I-10. Watershed Storm Water Monitoring, 2004
Analytical Results for Radionuclides

						Anyl Meth Code	Generic:Alpha-Spec				Generic:Gas Flow Proportional Counting			
						Analyte	U-238				Pb-210			
						Std Uom	pCi/L				pCi/L			
							Sym	Result	Uncert	MDA	Sym	Result	Uncert	MDA
Location Synonym	Location Name	Fld Matrix Code	Fld Qc Type Code	Fld Prep Code	Lab Sample Type Code	Sample Id								
E243	Pajarito above Twomile	WM		UF	DUP	GU04040M24301								
E243.5	Twomile tributary at TA-3	WT	EQB	UF	CS	GU0405E243501		0.00281	0.0122	0.061				
E243.5	Twomile tributary at TA-3	WT	EQB	UF	CS	GU0408E243501		0.00791	0.00699	0.057				
E243.5	Twomile tributary at TA-3	WT	EQB	UF	DUP	GU0405E243501		0.00459	0.00649	0.049				
E243.5	Twomile tributary at TA-3	WT	FD	UF	CS	GU0407E243594		0.134	0.0179	0.043				
E243.5	Twomile tributary at TA-3	WT	FD	UF	DUP	GU0407E243594		0.0959	0.0157	0.048				
E243.5	Twomile tributary at TA-3	WT		UF	CS	GU0406E243501		0.179	0.0275	0.076				
E243.5	Twomile tributary at TA-3	WT		UF	CS	GU0407E243501								
E243.5	Twomile tributary at TA-3	WT		UF	CS	GU0407E243503		1.06	0.0753	0.063				
E243.5	Twomile tributary at TA-3	WT		UF	CS	GU0407E243504		0.214	0.0289	0.076				
E243.5	Twomile tributary at TA-3	WT		UF	CS	GU0407E243505								
E243.5	Twomile tributary at TA-3	WT		UF	CS	GU0409E243501		0.178	0.0325	0.101				
E243.5	Twomile tributary at TA-3	WT		UF	CS	GU0409E243502		0.201	0.0211	0.038				
E243.5	Twomile tributary at TA-3	WT		UF	CS	GU0409E243503		0.156	0.0206	0.045				
E243.5	Twomile tributary at TA-3	WT		UF	DUP	GU0406E243501								
E243.5	Twomile tributary at TA-3	WT		UF	DUP	GU0407E243501								
E243.5	Twomile tributary at TA-3	WT		UF	DUP	GU0407E243505								
E243.5	Twomile tributary at TA-3	WT		UF	DUP	GU0409E243501								
E243.5	Twomile tributary at TA-3	WT		UF	DUP	GU0409E243503		0.0431	0.0255	0.066				
E244	Twomile above Pajarito	WM		UF	CS	GU04040M24401		0.0293	0.01	0.049		0.662	0.248	0.912
E244	Twomile above Pajarito	WT		UF	CS	GU04070E24401		45.7	2.28	0.506				
E244	Twomile above Pajarito	WT		UF	CS	GU04080E24401		18.6	0.945	0.343				
E245	Pajarito above TA-18	WM		UF	CS	GU04040M24501		0.0517	0.0133	0.051		0.0751	0.236	1.05
E245	Pajarito above TA-18	WM		UF	DUP	GU04040M24501								
E245	Pajarito above TA-18	WT		UF	CS	GU04070E24501								
E245	Pajarito above TA-18	WT		UF	CS	GU04100E24501		2.91	0.182	0.076				
E245	Pajarito above TA-18	WT		UF	DUP	GU04100E24501		2.88	0.193	0.095				
E245.5	Pajarito above Threemile	WM		UF	CS	GU0404M245501		0.0528	0.0129	0.048		-0.249	0.222	1.07
E245.5	Pajarito above Threemile	WM		UF	DUP	GU0404M245501		0.0691	0.0135	0.048				
E245.5	Pajarito above Threemile	WT		UF	CS	GU0407E245501		25.4	1.4	0.434				

Table I-10. Watershed Storm Water Monitoring, 2004
Analytical Results for Radionuclides

						Anyl Meth Code	Generic:Alpha-Spec				Generic:Gas Flow Proportional Counting			
						Analyte	U-238				Pb-210			
						Std Uom	pCi/L				pCi/L			
							Sym	Result	Uncert	MDA	Sym	Result	Uncert	MDA
Location Synonym	Location Name	Fld Matrix Code	Fld Qc Type Code	Fld Prep Code	Lab Sample Type Code	Sample Id								
E245.5	Pajarito above Threemile	WT		UF	CS	GU0408E245501		8.12	0.523	0.311				
E245.5	Pajarito above Threemile	WT		UF	CS	GU0410E245501								
E245.5	Pajarito above Threemile	WT		UF	DUP	GU0407E245501		31.2	1.64	0.415				
E245.5	Pajarito above Threemile	WT		UF	DUP	GU0408E245501		13.1	0.676	0.354				
E245.5	Pajarito above Threemile	WT		UF	DUP	GU0410E245501								
E246	Threemile above Pajarito	WT		UF	CS	GU04070E24601		83.3	3.69	0.292				
E246	Threemile above Pajarito	WT		UF	CS	GU04080E24601		77.5	3.72	0.623				
E246	Threemile above Pajarito	WT		UF	DUP	GU04070E24601								
E247	MDA G-1	WT		UF	CS	GU04080E24701		9.88	0.628	0.361				
E247	MDA G-1	WT		UF	CS	GU04100E24701		3.88	0.296	0.152				
E247	MDA G-1	WT		UF	CS	GU04100E24702								
E247	MDA G-1	WT		UF	DUP	GU04080E24701								
E247	MDA G-1	WT		UF	DUP	GU04100E24701								
E247	MDA G-1	WT		UF	DUP	GU04100E24702								
E248.5	MDA G-6U	WT		UF	CS	GU0404E248502								
E248.5	MDA G-6U	WT		UF	CS	GU0407E248501								
E248.5	MDA G-6U	WT		UF	CS	GU0408E248501		8.23	0.457	0.152				
E249	MDA G-4	WT		UF	CS	GU04080E24901								
E250	Pajarito above SR-4	WT		UF	CS	GU04040E25002		0.0962	0.0186	0.065				
E250	Pajarito above SR-4	WT		UF	DUP	GU04040E25002								
E262.5	Water below MDA AB	WM		UF	CS	GU0404M262501		0.0226	0.00915	0.054		0.463	0.222	0.861
E262.5	Water below MDA AB	WM		UF	DUP	GU0404M262501								
E262.5	Water below MDA AB	WT		UF	CS	GU0410E262501		13.5	0.699	0.126				
E263	Water at SR-4	WT		UF	CS	GU04080E26301		63.6	3.04	0.37				
E265	Water below SR-4	WT	EQB	UF	CS	GU04080E26501		0.0088	0.00623	0.048				
E265	Water below SR-4	WT		UF	CS	GU04050E26501		-0.00759	0.00672	0.055				
E265	Water below SR-4	WT		UF	CS	GU04080E26502		49	2.44	0.304				
E265	Water below SR-4	WT		UF	CS	GU04080E26503		19.6	1.2	0.473				

Table I-10. Watershed Storm Water Monitoring, 2004
Analytical Results for Radionuclides

						Anyl Meth Code	Generic:Gas Flow Proportional Counting				Generic:Liquid Scintillation Counting			
						Analyte	Sr-90				H-3			
						Std Uom	pCi/L				pCi/L			
							Sym	Result	Uncert	MDA	Sym	Result	Uncert	MDA
Location Synonym	Location Name	Fld Matrix Code	Fld Qc Type Code	Fld Prep Code	Lab Sample Type Code	Sample Id								
E026	Los Alamos below Ice Rink	WM		UF	CS	GU04040M02601		0.166	0.0708	0.265		128	52.3	161
E026	Los Alamos below Ice Rink	WM		UF	DUP	GU04040M02601								
E026	Los Alamos below Ice Rink	WT	EQB	UF	CS	GU04080E02601		0.0222	0.0634	0.243		-36	70.3	234
E026	Los Alamos below Ice Rink	WT		UF	CS	GU04050E02601		-0.309	0.0895	0.373		-43	49.2	166
E030	Los Alamos above DP Canyon	WT		UF	CS	GU04070E03001						-16.2	72.1	239
E030	Los Alamos above DP Canyon	WT		UF	CS	GU04070E03002		1.05	0.176	0.176		139	61.4	190
E030	Los Alamos above DP Canyon	WT		UF	CS	GU04080E03001		0.742	0.122	0.213		123	56.3	175
E030	Los Alamos above DP Canyon	WT		UF	CS	GU04090E03001		0.911	0.16	0.266		-61.8	78.7	166
E030	Los Alamos above DP Canyon	WT		UF	CS	GU04100E03001		0.482	0.109	0.312				
E030	Los Alamos above DP Canyon	WT		UF	DUP	GU04090E03001								
E038	DP above TA-21	WT	FD	UF	CS	GU04070E03890						144	41.8	127
E038	DP above TA-21	WT	FD	UF	CS	GU04070E03891		0.118	0.0622	0.248				
E038	DP above TA-21	WT		UF	CS	GU04060E03801		0.0472	0.0509	0.206				
E038	DP above TA-21	WT		UF	CS	GU04070E03801						50.9	37.5	119
E038	DP above TA-21	WT		UF	CS	GU04070E03802		0.11	0.0689	0.284		53.8	43	137
E038	DP above TA-21	WT		UF	CS	GU04070E03803		0.179	0.084	0.303		-81.3	70.7	239
E038	DP above TA-21	WT		UF	CS	GU04070E03804						60.5	65	208
E038	DP above TA-21	WT		UF	CS	GU04080E03801		0.0253	0.0552	0.21				
E038	DP above TA-21	WT		UF	DUP	GU04060E03801		0.136	0.0621	0.225				
E038	DP above TA-21	WT		UF	DUP	GU04070E03802		0.058	0.0691	0.309				
E039	DP below Meadow at TA-21	WT	EQB	UF	CS	GU04070E03904		0.143	0.0849	0.3		-2.7	58.6	193
E039	DP below Meadow at TA-21	WT	EQB	UF	DUP	GU04070E03904								
E039	DP below Meadow at TA-21	WT		UF	CS	GU04050E03901		-0.16	0.0672	0.291		-2.5	53	175
E039	DP below Meadow at TA-21	WT		UF	CS	GU04070E03901		5.79	1.15	0.376		126	39.9	122
E039	DP below Meadow at TA-21	WT		UF	CS	GU04070E03902		3.76	0.55	0.262		68.4	74.5	240
E039	DP below Meadow at TA-21	WT		UF	CS	GU04070E03903		2.43	0.398	0.233		77.6	61.5	195
E039	DP below Meadow at TA-21	WT		UF	DUP	GU04050E03901								
E040	DP above Los Alamos Canyon	WT		UF	CS	GU04070E04001		26.7	4.12	0.311		117	44.6	138
E040	DP above Los Alamos Canyon	WT		UF	CS	GU04070E04002		50.1	7.54	0.225		163	67.8	209
E040	DP above Los Alamos Canyon	WT		UF	CS	GU04080E04001		23.1	3.26	0.296		164	56.6	172

Table I-10. Watershed Storm Water Monitoring, 2004
Analytical Results for Radionuclides

						Anyl Meth Code	Generic:Gas Flow Proportional Counting				Generic:Liquid Scintillation Counting			
						Analyte	Sr-90				H-3			
						Std Uom	pCi/L				pCi/L			
							Sym	Result	Uncert	MDA	Sym	Result	Uncert	MDA
Location Synonym	Location Name	Fld Matrix Code	Fld Qc Type Code	Fld Prep Code	Lab Sample Type Code	Sample Id								
E040	DP above Los Alamos Canyon	WT		UF	CS	GU04080E04003		15.8	2.02	0.226		112	53.5	166
E040	DP above Los Alamos Canyon	WT		UF	DUP	GU04070E04001		33.2	6.62	0.269		131	41.6	127
E040	DP above Los Alamos Canyon	WT		UF	DUP	GU04080E04001								
E042	Los Alamos above SR-4	WT		UF	CS	GU04070E04201		35.1	4.92	0.241		-38.5	70.7	236
E042	Los Alamos above SR-4	WT		UF	CS	GU04080E04201		21.5	2.73	0.226		122	53.4	165
E042	Los Alamos above SR-4	WT		UF	CS	GU04100E04201		15	1.77	0.246		180	63.1	193
E042	Los Alamos above SR-4	WT		UF	CS	GU04100E04202		6.31	0.749	0.199		112	63.6	200
E042	Los Alamos above SR-4	WT		UF	DUP	GU04080E04201		23	3.29	0.26		126	57.1	177
E050	Los Alamos below LA Weir	WM		UF	CS	GU04040M05001		3.1	0.405			216	52.7	155
E050	Los Alamos below LA Weir	WM		UF	DUP	GU04040M05001								
E055	Pueblo above Acid	WT		UF	CS	GU04070E05501		1.66	0.318	0.304		95.8	76.2	243
E055	Pueblo above Acid	WT		UF	CS	GU04080E05501		2.17	0.302	0.219		91.6	46.7	146
E055	Pueblo above Acid	WT		UF	CS	GU04080E05502		0.748	0.145	0.262		179	48	145
E055	Pueblo above Acid	WT		UF	CS	GU04090E05501		0.524	0.117	0.273		-61.2	78	165
E055	Pueblo above Acid	WT		UF	DUP	GU04070E05501						-68.7	65.1	220
E055	Pueblo above Acid	WT		UF	DUP	GU04080E05501								
E055	Pueblo above Acid	WT		UF	DUP	GU04090E05501		1.09	0.185	0.263		-30.8	78.9	165
E060	Pueblo above SR-502	WT	EQB	UF	CS	GU04080E06001		-0.0303	0.0533	0.218		56.1	69.3	223
E060	Pueblo above SR-502	WT		UF	CS	GU04050E06001		0.0697	0.0955	0.372		-59.1	52.6	178
E060	Pueblo above SR-502	WT		UF	CS	GU04070E06001		0.711	0.122	0.199		-3.1	69.7	230
E060	Pueblo above SR-502	WT		UF	CS	GU04070E06002		1.25	0.266	0.271		173	69.6	214
E060	Pueblo above SR-502	WT		UF	CS	GU04080E06002		0.25	0.0722	0.207		21.9	51.1	166
E060	Pueblo above SR-502	WT		UF	DUP	GU04050E06001								
E060	Pueblo above SR-502	WT		UF	DUP	GU04070E06001								
E121	Sandia right fork at Power Plant	WT		UF	CS	GU04070E12101		-0.0461	0.0578	0.231		103	66.6	210
E121	Sandia right fork at Power Plant	WT		UF	CS	GU04080E12102		-0.0002	0.0684	0.302		48.7	47.4	152
E121	Sandia right fork at Power Plant	WT		UF	CS	GU04090E12101		0.0493	0.0849	0.357		32.4	52.1	169
E121	Sandia right fork at Power Plant	WT		UF	DUP	GU04080E12102		-0.0628	0.0614	0.287		101	53.7	168
E121	Sandia right fork at Power Plant	WT		UF	DUP	GU04090E12101								
E124	Sandia above Firing Range	WT		UF	CS	GU04080E12402		0.12	0.0651	0.227		91.7	54	170

Table I-10. Watershed Storm Water Monitoring, 2004
Analytical Results for Radionuclides

						Anyl Meth Code	Generic:Gas Flow Proportional Counting				Generic:Liquid Scintillation Counting			
						Analyte	Sr-90				H-3			
						Std Uom	pCi/L				pCi/L			
							Sym	Result	Uncert	MDA	Sym	Result	Uncert	MDA
Location Synonym	Location Name	Fld Matrix Code	Fld Qc Type Code	Fld Prep Code	Lab Sample Type Code	Sample Id								
E124	Sandia above Firing Range	WT		UF	CS	GU04080E12403		0.271	0.0844	0.276		58.7	44.5	142
E124	Sandia above Firing Range	WT		UF	CS	GU04100E12402		0.241	0.0787	0.275				
E124	Sandia above Firing Range	WT		UF	DUP	GU04100E12402								
E200	Mortandad below Effluent Canyon	WT		UF	CS	GU04070E20001		1.09	0.175	0.229		119	73	230
E200	Mortandad below Effluent Canyon	WT		UF	CS	GU04080E20001		1.6	0.236	0.274		557	72.4	216
E200	Mortandad below Effluent Canyon	WT		UF	CS	GU04080E20002		1.76	0.246	0.211		275	59.9	174
E200	Mortandad below Effluent Canyon	WT		UF	CS	GU04080E20003		1.09	0.182	0.238		270	55.9	161
E200	Mortandad below Effluent Canyon	WT		UF	DUP	GU04070E20001		1.29	0.215	0.257				
E200	Mortandad below Effluent Canyon	WT		UF	DUP	GU04080E20001								
E200	Mortandad below Effluent Canyon	WT		UF	DUP	GU04080E20002								
E201.3	Ten Site below MDA C	WT		UF	CS	GU0404E201303						197	64.4	196
E201.3	Ten Site below MDA C	WT		UF	CS	GU0404E201305		0.113	0.0939	0.307				
E201.3	Ten Site below MDA C	WT		UF	CS	GU0407E201301						98	70.8	225
E201.3	Ten Site below MDA C	WT		UF	DUP	GU0404E201303						213	61.3	185
E201.3	Ten Site below MDA C	WT		UF	DUP	GU0404E201305		0.242	0.107	0.327				
E201.5	Ten Site above Mortandad	WT		UF	CS	GU0408E201501						138	58.2	179
E218	Canada del Buey near TA-46	WT		UF	CS	GU04080E21801		0.221	0.0694	0.209				
E218	Canada del Buey near TA-46	WT		UF	CS	GU04100E21801		0.0168	0.0783	0.346		34.3	55.1	178
E218	Canada del Buey near TA-46	WT		UF	CS	GU04100E21802						54.7	64.3	187
E218	Canada del Buey near TA-46	WT		UF	DUP	GU04100E21801								
E227	MDA G-13	WT		UF	CS	GU04080E22701						191	64	203
E230	Canada del Buey above SR-4	WT		UF	CS	GU04080E23001		2	0.334	0.309		-11.8	64.6	213
E230	Canada del Buey above SR-4	WT		UF	CS	GU04080E23002		0.899	0.142	0.219		80.2	54.8	173
E230	Canada del Buey above SR-4	WT		UF	CS	GU04100E23001		0.551	0.11	0.259		107	60.7	191
E230	Canada del Buey above SR-4	WT		UF	DUP	GU04080E23001		1.97	0.33	0.272				
E230	Canada del Buey above SR-4	WT		UF	DUP	GU04100E23001						35.4	58.8	190
E240	Pajarito below SR-501	WT	EQB	UF	CS	GU04080E24001		0.202	0.102	0.319		22.4	68.6	225
E240	Pajarito below SR-501	WT	EQB	UF	DUP	GU04080E24001								
E240	Pajarito below SR-501	WT		UF	CS	GU04050E24001		0.171	0.0755	0.265		-20.1	52.4	174
E243	Pajarito above Twomile	WM		UF	CS	GU04040M24301		0.128	0.0923	0.376		186	52.2	156

Table I-10. Watershed Storm Water Monitoring, 2004
Analytical Results for Radionuclides

						Anyl Meth Code	Generic:Gas Flow Proportional Counting				Generic:Liquid Scintillation Counting			
						Analyte	Sr-90				H-3			
						Std Uom	pCi/L				pCi/L			
							Sym	Result	Uncert	MDA	Sym	Result	Uncert	MDA
Location Synonym	Location Name	Fld Matrix Code	Fld Qc Type Code	Fld Prep Code	Lab Sample Type Code	Sample Id								
E243	Pajarito above Twomile	WM		UF	DUP	GU04040M24301		0.242	0.0925	0.328				
E243.5	Twomile tributary at TA-3	WT	EQB	UF	CS	GU0405E243501		-0.0611	0.0751	0.312		-75.5	49.3	169
E243.5	Twomile tributary at TA-3	WT	EQB	UF	CS	GU0408E243501		0.184	0.0966	0.304		-38.3	60.8	202
E243.5	Twomile tributary at TA-3	WT	EQB	UF	DUP	GU0405E243501		0.117	0.0852	0.321		11.2	47.7	156
E243.5	Twomile tributary at TA-3	WT	FD	UF	CS	GU0407E243594		-0.139	0.0643	0.223				
E243.5	Twomile tributary at TA-3	WT	FD	UF	DUP	GU0407E243594								
E243.5	Twomile tributary at TA-3	WT		UF	CS	GU0406E243501		0.145	0.0477	0.157		-74.6	62.8	212
E243.5	Twomile tributary at TA-3	WT		UF	CS	GU0407E243501						5	54.7	180
E243.5	Twomile tributary at TA-3	WT		UF	CS	GU0407E243503		0.0787	0.102	0.454		133	45	138
E243.5	Twomile tributary at TA-3	WT		UF	CS	GU0407E243504		0.0382	0.0537	0.244				
E243.5	Twomile tributary at TA-3	WT		UF	CS	GU0407E243505						62.4	67	215
E243.5	Twomile tributary at TA-3	WT		UF	CS	GU0409E243501		0.19	0.0844	0.319		69.5	45.5	145
E243.5	Twomile tributary at TA-3	WT		UF	CS	GU0409E243502		-0.0187	0.0723	0.32		121	48.1	155
E243.5	Twomile tributary at TA-3	WT		UF	CS	GU0409E243503		0.198	0.0722	0.235				
E243.5	Twomile tributary at TA-3	WT		UF	DUP	GU0406E243501						-11.6	62	205
E243.5	Twomile tributary at TA-3	WT		UF	DUP	GU0407E243501						-66.5	53.9	183
E243.5	Twomile tributary at TA-3	WT		UF	DUP	GU0407E243505						178	67.9	208
E243.5	Twomile tributary at TA-3	WT		UF	DUP	GU0409E243501		0.0026	0.0555	0.26				
E243.5	Twomile tributary at TA-3	WT		UF	DUP	GU0409E243503								
E244	Twomile above Pajarito	WM		UF	CS	GU04040M24401		0.372	0.0948			257	55.8	162
E244	Twomile above Pajarito	WT		UF	CS	GU04070E24401		5.64	0.712	0.26				
E244	Twomile above Pajarito	WT		UF	CS	GU04080E24401		1.36	0.196	0.2				
E245	Pajarito above TA-18	WM		UF	CS	GU04040M24501		0.162	0.0378	0.0997		187	52.5	157
E245	Pajarito above TA-18	WM		UF	DUP	GU04040M24501								
E245	Pajarito above TA-18	WT		UF	CS	GU04070E24501						-6.5	70.4	232
E245	Pajarito above TA-18	WT		UF	CS	GU04100E24501		0.348	0.0556	0.0983		57.8	75.6	246
E245	Pajarito above TA-18	WT		UF	DUP	GU04100E24501		0.211	0.0799	0.279		-27.9	71.7	237
E245.5	Pajarito above Threemile	WM		UF	CS	GU0404M245501		0.152	0.0708	0.269		220	53.7	158
E245.5	Pajarito above Threemile	WM		UF	DUP	GU0404M245501								
E245.5	Pajarito above Threemile	WT		UF	CS	GU0407E245501		2.08	0.342	0.218				

Table I-10. Watershed Storm Water Monitoring, 2004
Analytical Results for Radionuclides

						Anyl Meth Code	Generic:Gas Flow Proportional Counting				Generic:Liquid Scintillation Counting			
						Analyte	Sr-90				H-3			
						Std Uom	pCi/L				pCi/L			
							Sym	Result	Uncert	MDA	Sym	Result	Uncert	MDA
Location Synonym	Location Name	Fld Matrix Code	Fld Qc Type Code	Fld Prep Code	Lab Sample Type Code	Sample Id								
E245.5	Pajarito above Threemile	WT		UF	CS	GU0408E245501		0.743	0.132	0.219				
E245.5	Pajarito above Threemile	WT		UF	CS	GU0410E245501						96.8	69.9	225
E245.5	Pajarito above Threemile	WT		UF	DUP	GU0407E245501								
E245.5	Pajarito above Threemile	WT		UF	DUP	GU0408E245501		1.15	0.193	0.278				
E245.5	Pajarito above Threemile	WT		UF	DUP	GU0410E245501						-103	71.5	240
E246	Threemile above Pajarito	WT		UF	CS	GU04070E24601		3.09	0.439	0.217				
E246	Threemile above Pajarito	WT		UF	CS	GU04080E24601		1.61	0.24	0.229		160	50.6	152
E246	Threemile above Pajarito	WT		UF	DUP	GU04070E24601								
E247	MDA G-1	WT		UF	CS	GU04080E24701		2.12	0.356	0.329		-64.8	69.3	231
E247	MDA G-1	WT		UF	CS	GU04100E24701		0.269	0.0781	0.252		65.7	53.6	171
E247	MDA G-1	WT		UF	CS	GU04100E24702						0	58.2	191
E247	MDA G-1	WT		UF	DUP	GU04080E24701								
E247	MDA G-1	WT		UF	DUP	GU04100E24701		0.405	0.0964	0.257				
E247	MDA G-1	WT		UF	DUP	GU04100E24702						0	58.8	194
E248.5	MDA G-6U	WT		UF	CS	GU0404E248502						233	65.7	198
E248.5	MDA G-6U	WT		UF	CS	GU0407E248501						313	79.6	237
E248.5	MDA G-6U	WT		UF	CS	GU0408E248501		0.328	0.112	0.327		141	72.4	232
E249	MDA G-4	WT		UF	CS	GU04080E24901						1980	99.1	251
E250	Pajarito above SR-4	WT		UF	CS	GU04040E25002		1.04	0.226	0.553		209	52.5	156
E250	Pajarito above SR-4	WT		UF	DUP	GU04040E25002								
E262.5	Water below MDA AB	WM		UF	CS	GU0404M262501		0.281	0.102			189	53.1	159
E262.5	Water below MDA AB	WM		UF	DUP	GU0404M262501						127	51.9	160
E262.5	Water below MDA AB	WT		UF	CS	GU0410E262501		0.506	0.0915	0.204		0	71.7	236
E263	Water at SR-4	WT		UF	CS	GU04080E26301		4.36	0.585	0.246		65.5	57.5	186
E265	Water below SR-4	WT	EQB	UF	CS	GU04080E26501		-0.108	0.045	0.192		-45.6	69.7	233
E265	Water below SR-4	WT		UF	CS	GU04050E26501		0.0806	0.075	0.288		-82.8	50.7	174
E265	Water below SR-4	WT		UF	CS	GU04080E26502		4.75	0.613	0.243		74	66.7	216
E265	Water below SR-4	WT		UF	CS	GU04080E26503		2.31	0.303	0.29		115	48.7	152

Table I-11. Watershed Storm Water Monitoring, 2004
Summary for Radionuclides greater than DOE DCG

Station ID	Station Name	F/UF	Analytical Suite	Analyte	Number of Analyses	Number of Detects	Number of Detects > DCG	Summary of Detected Results				
								Average	Minimum	Maximum	DCG	Units
E030	Los Alamos above DP Canyon	UF	RAD	Gross alpha	4	4	4	146.7	54	291	30	pCi/L
E038	DP above TA-21	UF	RAD	Gross alpha	4	3	2	98.14	4.02	234	30	pCi/L
E039	DP below Meadow at TA-21	UF	RAD	Gross alpha	4	3	2	52.83333	27.1	79.3	30	pCi/L
E040	DP above Los Alamos Canyon	UF	RAD	Gross alpha	4	4	4	165.425	59.8	368	30	pCi/L
E042	Los Alamos above SR-4	UF	RAD	Gross alpha	4	4	3	275.375	21.5	848	30	pCi/L
E055	Pueblo above Acid	UF	RAD	Gross alpha	4	4	4	142	65.5	214	30	pCi/L
E060	Pueblo above SR-502	UF	RAD	Gross alpha	3	3	2	44.46667	16.1	85.1	30	pCi/L
E121	Sandia right fork at Power Plant	UF	RAD	Gross alpha	3	3	1	20.83	5.79	32	30	pCi/L
E124	Sandia above Firing Range	UF	RAD	Gross alpha	3	3	2	361.8267	6.48	877	30	pCi/L
E200	Mortandad below Effluent Canyon	UF	RAD	Americium-241	4	4	1	18.7	7.02	44.5	30	pCi/L
E200	Mortandad below Effluent Canyon	UF	RAD	Gross alpha	4	4	3	222.8	26.8	751	30	pCi/L
E218	Canada del Buey near TA-46	UF	RAD	Gross alpha	2	1	1	49.5	49.5	49.5	30	pCi/L
E230	Canada del Buey above SR-4	UF	RAD	Gross alpha	3	3	3	414.5333	68.6	979	30	pCi/L
E230	Canada del Buey above SR-4	UF	RAD	Gross beta	3	3	1	548.6667	108	1270	1000	pCi/L
E243.5	Twomile tributary at TA-3	UF	RAD	Gross alpha	6	6	1	12.61167	5.33	37.3	30	pCi/L
E244	Twomile above Pajarito	UF	RAD	Gross alpha	3	2	2	657.5	235	1080	30	pCi/L
E244	Twomile above Pajarito	UF	RAD	Gross beta	3	3	1	653.7467	3.24	1500	1000	pCi/L
E245.5	Pajarito above Threemile	UF	RAD	Gross alpha	3	2	2	227.5	221	234	30	pCi/L
E246	Threemile above Pajarito	UF	RAD	Gross alpha	2	2	2	206	148	264	30	pCi/L
E247	MDA G-1	UF	RAD	Gross alpha	2	2	2	361.35	81.7	641	30	pCi/L
E248.5	MDA G-6U	UF	RAD	Gross alpha	1	1	1	132	132	132	30	pCi/L
E262.5	Water below MDA AB	UF	RAD	Gross alpha	2	1	1	188	188	188	30	pCi/L
E263	Water at SR-4	UF	RAD	Gross alpha	1	1	1	604	604	604	30	pCi/L
E263	Water at SR-4	UF	RAD	Gross beta	1	1	1	1080	1080	1080	1000	pCi/L
E265	Water below SR-4	UF	RAD	Gross alpha	3	2	2	96.75	32.5	161	30	pCi/L

Table I-12. Watershed Storm Water Monitoring, 2004
Radionuclide Results greater than DOE DCG - Detail

Station ID	Station Name	Sample Date	F/UF	Sample ID	Detected Result					DOE DCG	
					Analyte	Result	Units	Lab Qualifier	LANL Qualifier	Value	Units
E030	Los Alamos above DP Canyon	7/27/2004	UF	GU04070E03002	GROSSA	74.8	pCi/L			30	pCi/L
E030	Los Alamos above DP Canyon	8/18/2004	UF	GU04080E03001	GROSSA	291	pCi/L			30	pCi/L
E030	Los Alamos above DP Canyon	9/27/2004	UF	GU04090E03001	GROSSA	167	pCi/L			30	pCi/L
E030	Los Alamos above DP Canyon	10/5/2004	UF	GU04100E03001	GROSSA	54	pCi/L			30	pCi/L
E038	DP above TA-21	7/23/2004	UF	GU04070E03803	GROSSA	56.4	pCi/L			30	pCi/L
E038	DP above TA-21	8/16/2004	UF	GU04080E03801	GROSSA	234	pCi/L			30	pCi/L
E039	DP below Meadow at TA-21	7/18/2004	UF	GU04070E03901	GROSSA	79.3	pCi/L			30	pCi/L
E039	DP below Meadow at TA-21	7/23/2004	UF	GU04070E03902	GROSSA	52.1	pCi/L			30	pCi/L
E040	DP above Los Alamos Canyon	7/18/2004	UF	GU04070E04001	GROSSA	368	pCi/L			30	pCi/L
E040	DP above Los Alamos Canyon	7/27/2004	UF	GU04070E04002	GROSSA	146	pCi/L			30	pCi/L
E040	DP above Los Alamos Canyon	8/11/2004	UF	GU04080E04001	GROSSA	87.9	pCi/L			30	pCi/L
E040	DP above Los Alamos Canyon	8/18/2004	UF	GU04080E04003	GROSSA	59.8	pCi/L			30	pCi/L
E042	Los Alamos above SR-4	7/23/2004	UF	GU04070E04201	GROSSA	848	pCi/L			30	pCi/L
E042	Los Alamos above SR-4	8/20/2004	UF	GU04080E04201	GROSSA	118	pCi/L			30	pCi/L
E042	Los Alamos above SR-4	10/5/2004	UF	GU04100E04201	GROSSA	114	pCi/L			30	pCi/L
E055	Pueblo above Acid	7/23/2004	UF	GU04070E05501	GROSSA	214	pCi/L			30	pCi/L
E055	Pueblo above Acid	8/18/2004	UF	GU04080E05501	GROSSA	201	pCi/L			30	pCi/L
E055	Pueblo above Acid	8/20/2004	UF	GU04080E05502	GROSSA	87.5	pCi/L			30	pCi/L
E055	Pueblo above Acid	9/27/2004	UF	GU04090E05501	GROSSA	65.5	pCi/L			30	pCi/L
E060	Pueblo above SR-502	7/23/2004	UF	GU04070E06001	GROSSA	32.2	pCi/L			30	pCi/L
E060	Pueblo above SR-502	7/27/2004	UF	GU04070E06002	GROSSA	85.1	pCi/L			30	pCi/L
E121	Sandia right fork at Power Plant	9/27/2004	UF	GU04090E12101	GROSSA	32	pCi/L			30	pCi/L
E124	Sandia above Firing Range	8/18/2004	UF	GU04080E12402	GROSSA	877	pCi/L			30	pCi/L
E124	Sandia above Firing Range	8/20/2004	UF	GU04080E12403	GROSSA	202	pCi/L			30	pCi/L
E200	Mortandad below Effluent Canyon	8/11/2004	UF	GU04080E20001	GROSSA	39.4	pCi/L			30	pCi/L
E200	Mortandad below Effluent Canyon	8/18/2004	UF	GU04080E20002	Am-241	44.5	pCi/L			30	pCi/L
E200	Mortandad below Effluent Canyon	8/18/2004	UF	GU04080E20002	GROSSA	751	pCi/L			30	pCi/L
E200	Mortandad below Effluent Canyon	8/20/2004	UF	GU04080E20003	GROSSA	74	pCi/L			30	pCi/L
E218	Canada del Buey near TA-46	8/15/2004	UF	GU04080E21801	GROSSA	49.5	pCi/L			30	pCi/L
E230	Canada del Buey above SR-4	8/10/2004	UF	GU04080E23001	GROSSA	979	pCi/L			30	pCi/L
E230	Canada del Buey above SR-4	8/10/2004	UF	GU04080E23001	GROSSB	1270	pCi/L			1000	pCi/L
E230	Canada del Buey above SR-4	8/19/2004	UF	GU04080E23002	GROSSA	196	pCi/L			30	pCi/L

Table I-12. Watershed Storm Water Monitoring, 2004
Radionuclide Results greater than DOE DCG - Detail

Station ID	Station Name	Sample Date	F/UF	Sample ID	Detected Result					DOE DCG	
					Analyte	Result	Units	Lab Qualifier	LANL Qualifier	Value	Units
E230	Canada del Buey above SR-4	10/5/2004	UF	GU04100E23001	GROSSA	68.6	pCi/L			30	pCi/L
E243.5	Twomile tributary at TA-3	6/25/2004	UF	GU0406E243501	GROSSA	37.3	pCi/L			30	pCi/L
E244	Twomile above Pajarito	7/23/2004	UF	GU04070E24401	GROSSA	1080	pCi/L			30	pCi/L
E244	Twomile above Pajarito	7/23/2004	UF	GU04070E24401	GROSSB	1500	pCi/L		J+	1000	pCi/L
E244	Twomile above Pajarito	8/18/2004	UF	GU04080E24401	GROSSA	235	pCi/L			30	pCi/L
E245.5	Pajarito above Threemile	7/24/2004	UF	GU0407E245501	GROSSA	234	pCi/L			30	pCi/L
E245.5	Pajarito above Threemile	8/18/2004	UF	GU0408E245501	GROSSA	221	pCi/L			30	pCi/L
E246	Threemile above Pajarito	7/24/2004	UF	GU04070E24601	GROSSA	148	pCi/L			30	pCi/L
E246	Threemile above Pajarito	8/20/2004	UF	GU04080E24601	GROSSA	264	pCi/L			30	pCi/L
E247	MDA G-1	8/10/2004	UF	GU04080E24701	GROSSA	641	pCi/L			30	pCi/L
E247	MDA G-1	10/5/2004	UF	GU04100E24701	GROSSA	81.7	pCi/L			30	pCi/L
E248.5	MDA G-6U	8/10/2004	UF	GU0408E248501	GROSSA	132	pCi/L			30	pCi/L
E262.5	Water below MDA AB	10/5/2004	UF	GU0410E262501	GROSSA	188	pCi/L			30	pCi/L
E263	Water at SR-4	8/18/2004	UF	GU04080E26301	GROSSA	604	pCi/L			30	pCi/L
E263	Water at SR-4	8/18/2004	UF	GU04080E26301	GROSSB	1080	pCi/L			1000	pCi/L
E265	Water below SR-4	8/11/2004	UF	GU04080E26502	GROSSA	32.5	pCi/L			30	pCi/L
E265	Water below SR-4	8/20/2004	UF	GU04080E26503	GROSSA	161	pCi/L			30	pCi/L

Table I-13. 2004 Precipitation Data, TA-06 Tower

Data is for tower ta6. All data times are MST.				
month mm	day dd	year yyyy	doy ddd	tprecip in
1	15	2004	15	0.05
1	20	2004	20	0.25
1	21	2004	21	0.1
1	31	2004	31	0.01
2	3	2004	34	0.45
2	5	2004	36	0.02
2	11	2004	42	0.47
2	12	2004	43	0.15
2	21	2004	52	0.12
2	22	2004	53	0.03
2	23	2004	54	0.14
2	24	2004	55	0.83
2	29	2004	60	0.01
3	2	2004	62	0.22
3	3	2004	63	0.06
3	4	2004	64	0.53
3	5	2004	65	0.02
3	23	2004	83	0.02
4	1	2004	92	0.01
4	2	2004	93	0.71
4	3	2004	94	0.34
4	4	2004	95	0.39
4	6	2004	97	0.14
4	7	2004	98	0.08
4	8	2004	99	0.57
4	10	2004	101	0.52
4	11	2004	102	0.07
4	17	2004	108	0.04
4	23	2004	114	0.21
5	29	2004	150	0.02
6	25	2004	177	0.18
6	26	2004	178	0.06
6	27	2004	179	0.02
6	28	2004	180	0.05
6	29	2004	181	0.44
7	12	2004	194	0.1
7	14	2004	196	0.03
7	15	2004	197	0.09
7	18	2004	200	0.46
7	19	2004	201	0.1
7	20	2004	202	0.05
7	21	2004	203	0.06
7	22	2004	204	0.02
7	23	2004	205	0.7
7	24	2004	206	1.02
7	27	2004	209	0.46
7	28	2004	210	0.04

Table I-13. 2004 Precipitation Data, TA-06 Tower

8	5	2004	218	0.05
8	6	2004	219	0.01
8	11	2004	224	0.45
8	13	2004	226	0.11
8	15	2004	228	0.11
8	18	2004	231	0.38
8	19	2004	232	0.12
8	20	2004	233	0.36
8	21	2004	234	0.14
8	22	2004	235	0.02
8	30	2004	243	0.08
9	4	2004	248	0.35
9	18	2004	262	0.09
9	19	2004	263	0.46
9	25	2004	269	0.26
9	27	2004	271	0.43
9	29	2004	273	0.04
10	3	2004	277	0.3
10	4	2004	278	0.11
10	5	2004	279	0.48
10	11	2004	285	0.79
10	13	2004	287	0.18
10	17	2004	291	0.03
10	22	2004	296	0.05
10	25	2004	299	0.22
10	27	2004	301	0.33
10	29	2004	303	0.01
11	8	2004	313	0.01
11	13	2004	318	0.24
11	15	2004	320	0.01
11	20	2004	325	0.31
11	21	2004	326	0.33
11	23	2004	328	0.26
11	29	2004	334	0.31
12	5	2004	340	0.08
12	16	2004	351	0.08
12	21	2004	356	0.09
12	22	2004	357	0.05
12	23	2004	358	0.07
12	29	2004	364	0.47
12	30	2004	365	0.05

Table I-14. 2004 Precipitation Data, TA-49 Tower

Data is for tower ta49. All data times are MST.				
month mm	day dd	year yyyy	doy ddd	tprecip in
1	15	2004	15	0.08
1	20	2004	20	0.4
1	21	2004	21	0.39
1	25	2004	25	0.02
2	1	2004	32	0.01
2	3	2004	34	0.3
2	11	2004	42	0.11
2	12	2004	43	0.3
2	21	2004	52	0.11
2	23	2004	54	0.12
2	24	2004	55	0.82
2	28	2004	59	0.02
3	2	2004	62	0.35
3	3	2004	63	0.08
3	4	2004	64	0.56
3	5	2004	65	0.01
3	23	2004	83	0.17
4	2	2004	93	0.63
4	3	2004	94	0.31
4	4	2004	95	0.42
4	6	2004	97	0.43
4	7	2004	98	0.06
4	8	2004	99	0.78
4	10	2004	101	0.58
4	11	2004	102	0.06
4	17	2004	108	0.07
4	23	2004	114	0.19
5	29	2004	150	0.01
6	25	2004	177	0.22
6	26	2004	178	0.03
6	27	2004	179	0.06
6	28	2004	180	0.1
6	29	2004	181	0.35
7	12	2004	194	0.41
7	14	2004	196	0.02
7	15	2004	197	0.17
7	16	2004	198	0.05
7	18	2004	200	0.03
7	19	2004	201	0.04
7	20	2004	202	0.02
7	21	2004	203	0.03
7	22	2004	204	0.01
7	23	2004	205	0.47
7	24	2004	206	0.6
7	25	2004	207	0.02
7	26	2004	208	0.01
7	27	2004	209	0.51

Table I-14. 2004 Precipitation Data, TA-49 Tower

7	28	2004	210	0.04
7	29	2004	211	0.13
8	5	2004	218	0.01
8	6	2004	219	0.02
8	10	2004	223	0.09
8	11	2004	224	0.44
8	12	2004	225	0.01
8	13	2004	226	0.02
8	14	2004	227	0.15
8	18	2004	231	0.07
8	19	2004	232	0.28
8	20	2004	233	0.15
8	21	2004	234	0.65
8	25	2004	238	0.06
8	30	2004	243	0.03
9	4	2004	248	0.19
9	18	2004	262	0.16
9	19	2004	263	0.59
9	25	2004	269	0.1
9	27	2004	271	0.09
9	29	2004	273	0.01
9	30	2004	274	0.01
10	3	2004	277	0.27
10	4	2004	278	0.15
10	5	2004	279	0.67
10	11	2004	285	1.12
10	13	2004	287	0.29
10	17	2004	291	0.1
10	22	2004	296	0.16
10	25	2004	299	0.17
10	27	2004	301	0.32
10	29	2004	303	0.01
11	13	2004	318	0.14
11	15	2004	320	0.02
11	20	2004	325	0.33
11	21	2004	326	0.26
11	23	2004	328	0.22
11	29	2004	334	0.24
12	5	2004	340	0.07
12	16	2004	351	0.02
12	21	2004	356	0.06
12	22	2004	357	0.04
12	23	2004	358	0.02
12	29	2004	364	0.5
12	30	2004	365	0.03

Table I-15. 2004 Precipitation Data, TA-53 Tower

Data is for tower ta53. All data times are MST.				
month mm	day dd	year yyyy	doy ddd	tprecip in
1	15	2004	15	0.05
1	20	2004	20	0.23
1	21	2004	21	0.19
1	31	2004	31	0.02
2	3	2004	34	0.37
2	4	2004	35	0.08
2	11	2004	42	0.22
2	12	2004	43	0.18
2	21	2004	52	0.09
2	23	2004	54	0.07
2	24	2004	55	0.71
2	28	2004	59	0.04
3	2	2004	62	0.25
3	3	2004	63	0.06
3	4	2004	64	0.48
3	5	2004	65	0.05
3	23	2004	83	0.01
4	1	2004	92	0.03
4	2	2004	93	0.89
4	3	2004	94	0.32
4	4	2004	95	0.35
4	6	2004	97	0.07
4	7	2004	98	0.04
4	8	2004	99	0.58
4	9	2004	100	0.05
4	10	2004	101	0.42
4	11	2004	102	0.16
4	17	2004	108	0.1
4	23	2004	114	0.46
4	29	2004	120	0.01
6	22	2004	174	0.05
6	25	2004	177	0.14
6	26	2004	178	0.01
6	27	2004	179	0.02
6	28	2004	180	0.09
6	29	2004	181	0.4
7	14	2004	196	0.01
7	15	2004	197	0.11
7	16	2004	198	0.01
7	18	2004	200	0.32
7	19	2004	201	0.01
7	21	2004	203	0.04
7	22	2004	204	0.01
7	23	2004	205	0.38
7	24	2004	206	0.85
7	25	2004	207	0.04
7	27	2004	209	0.29

Table I-15. 2004 Precipitation Data, TA-53 Tower

7	29	2004	211	0.28
7	30	2004	212	0.02
8	3	2004	216	0.02
8	10	2004	223	0.32
8	11	2004	224	0.08
8	14	2004	227	0.01
8	15	2004	228	0.31
8	18	2004	231	0.04
8	19	2004	232	0.27
8	20	2004	233	0.26
8	21	2004	234	0.08
8	22	2004	235	0.01
8	30	2004	243	0.03
9	4	2004	248	0.36
9	5	2004	249	0.01
9	18	2004	262	0.11
9	19	2004	263	0.67
9	25	2004	269	0.44
9	27	2004	271	0.19
9	29	2004	273	0.01
9	30	2004	274	0.06
10	3	2004	277	0.23
10	4	2004	278	*
10	5	2004	279	*
10	6	2004	280	*
10	7	2004	281	*
10	8	2004	282	*
10	11	2004	285	0.8
10	13	2004	287	0.31
10	17	2004	291	0.01
10	22	2004	296	0.07
10	25	2004	299	0.16
10	27	2004	301	0.28
11	13	2004	318	0.12
11	14	2004	319	0.02
11	15	2004	320	0.01
11	20	2004	325	0.42
11	21	2004	326	0.25
11	23	2004	328	0.25
11	29	2004	334	0.23
12	5	2004	340	0.06
12	16	2004	351	0.05
12	21	2004	356	0.1
12	22	2004	357	0.03
12	23	2004	358	0.09
12	29	2004	364	0.33
12	30	2004	365	0.02

Table I-16. 2004 Precipitation Data, TA-54 Tower

Data is for tower ta54. All data times are MST.				
month mm	day dd	year yyyy	doy ddd	tprecip in
1	15	2004	15	0.04
1	20	2004	20	0.26
1	21	2004	21	0.23
2	1	2004	32	0.02
2	3	2004	34	0.2
2	4	2004	35	0.04
2	11	2004	42	0.01
2	12	2004	43	0.1
2	21	2004	52	0.13
2	23	2004	54	0.07
2	24	2004	55	0.56
2	28	2004	59	0.03
2	29	2004	60	0.01
3	2	2004	62	0.27
3	3	2004	63	0.08
3	4	2004	64	0.48
3	5	2004	65	0.19
3	23	2004	83	0.06
4	1	2004	92	0.01
4	2	2004	93	0.74
4	3	2004	94	0.27
4	4	2004	95	0.38
4	6	2004	97	0.06
4	7	2004	98	0.02
4	8	2004	99	0.77
4	9	2004	100	0.14
4	10	2004	101	0.35
4	11	2004	102	0.02
4	23	2004	114	0.32
6	19	2004	171	0.01
6	25	2004	177	0.13
6	28	2004	180	0.3
6	29	2004	181	0.08
6	30	2004	182	0.01
7	7	2004	189	0.01
7	10	2004	192	0.17
7	12	2004	194	0.03
7	15	2004	197	0.26
7	18	2004	200	0.05
7	19	2004	201	0.05
7	20	2004	202	0.01
7	21	2004	203	0.02
7	23	2004	205	0.16
7	24	2004	206	0.5
7	25	2004	207	0.02
7	27	2004	209	0.12
7	28	2004	210	0.01

Table I-16. 2004 Precipitation Data, TA-54 Tower

7	29	2004	211	0.05
8	3	2004	216	0.03
8	6	2004	219	0.07
8	10	2004	223	0.75
8	11	2004	224	0.03
8	12	2004	225	0.02
8	15	2004	228	0.16
8	18	2004	231	0.09
8	19	2004	232	0.58
8	20	2004	233	0.13
8	21	2004	234	0.08
8	22	2004	235	0.21
8	30	2004	243	0.02
8	31	2004	244	0.02
9	4	2004	248	0.16
9	5	2004	249	0.01
9	18	2004	262	0.11
9	19	2004	263	0.4
9	25	2004	269	0.41
9	27	2004	271	0.08
10	3	2004	277	0.02
10	4	2004	278	0.13
10	5	2004	279	0.78
10	11	2004	285	0.76
10	13	2004	287	0.29
10	17	2004	291	0.07
10	22	2004	296	0.24
10	25	2004	299	0.15
10	27	2004	301	0.32
11	13	2004	318	0.07
11	20	2004	325	0.4
11	21	2004	326	0.13
11	23	2004	328	0.25
11	29	2004	334	0.2
12	5	2004	340	0.04
12	16	2004	351	0.01
12	21	2004	356	0.08
12	22	2004	357	0.02
12	23	2004	358	0.06
12	29	2004	364	0.39
12	30	2004	365	0.02

Table I-17. 2004 Precipitation Data, TA-74 Tower

Data is for tower ta74. All data times are MST.				
month mm	day dd	year yyyy	doy ddd	tprecip in
1	4	2004	4	0.37
1	15	2004	15	0.04
1	20	2004	20	0.15
1	21	2004	21	0.26
1	25	2004	25	0.01
2	1	2004	32	0.05
2	3	2004	34	0.35
2	12	2004	43	0.2
2	21	2004	52	0.09
2	23	2004	54	0.06
2	24	2004	55	0.52
2	28	2004	59	0.06
3	2	2004	62	0.03
3	3	2004	63	0.07
3	4	2004	64	0.46
3	5	2004	65	0.05
4	1	2004	92	0.01
4	2	2004	93	0.83
4	3	2004	94	0.28
4	4	2004	95	0.3
4	6	2004	97	0.18
4	7	2004	98	0.01
4	8	2004	99	0.61
4	9	2004	100	0.06
4	10	2004	101	0.07
4	11	2004	102	0.44
4	17	2004	108	0.04
4	23	2004	114	0.57
6	25	2004	177	0.02
6	28	2004	180	0.18
6	29	2004	181	0.18
7	6	2004	188	0.02
7	7	2004	189	0.01
7	10	2004	192	0.1
7	15	2004	197	0.07
7	16	2004	198	0.03
7	18	2004	200	0.18
7	19	2004	201	0.05
7	21	2004	203	0.11
7	22	2004	204	0.01
7	23	2004	205	0.22
7	24	2004	206	0.55
7	25	2004	207	0.09
7	27	2004	209	0.19
7	29	2004	211	0.28
7	30	2004	212	0.01
8	3	2004	216	0.01

Table I-17. 2004 Precipitation Data, TA-74 Tower

8	5	2004	218	0.01
8	6	2004	219	0.23
8	10	2004	223	0.2
8	11	2004	224	0.04
8	15	2004	228	0.11
8	18	2004	231	0.11
8	19	2004	232	0.17
8	20	2004	233	0.2
8	21	2004	234	0.05
8	22	2004	235	0.01
8	30	2004	243	0.05
8	31	2004	244	*
9	1	2004	245	*
9	2	2004	246	*
9	3	2004	247	*
9	4	2004	248	*
9	5	2004	249	*
9	6	2004	250	*
9	7	2004	251	*
9	8	2004	252	*
9	9	2004	253	*
9	10	2004	254	*
9	11	2004	255	*
9	12	2004	256	*
9	13	2004	257	*
9	14	2004	258	*
9	15	2004	259	*
9	16	2004	260	*
9	17	2004	261	*
9	18	2004	262	*
9	19	2004	263	*
9	20	2004	264	*
9	21	2004	265	*
9	22	2004	266	*
9	23	2004	267	*
9	24	2004	268	*
9	25	2004	269	*
9	26	2004	270	*
9	27	2004	271	*
9	28	2004	272	*
9	29	2004	273	*
9	30	2004	274	*
10	1	2004	275	*
10	2	2004	276	*
10	3	2004	277	*
10	4	2004	278	*
10	5	2004	279	*
10	6	2004	280	*
10	7	2004	281	*
10	8	2004	282	*
10	9	2004	283	*
10	10	2004	284	*

Table I-17. 2004 Precipitation Data, TA-74 Tower

10	11	2004	285	*
10	12	2004	286	*
11	4	2004	309	0.02
11	9	2004	314	0.01
12	21	2004	356	0.01
12	22	2004	357	0.03
12	23	2004	358	0.01
12	29	2004	364	0.38
12	30	2004	365	0.01

ATTACHMENT II

Watershed Monitoring and Corrective Action Status Monitoring Year 2004

Table II-1. Summary of Watershed Monitoring FFCA Status
2004 Monitoring Year

Station ID	Station Name	F/UF	Sample(s) Collected (Y/N)	4 Complete Samples (Y/N)	Missing Suites	Potential Laboratory-Derived Pollutants > wSAL	Additional Monitoring Required (Y/N)	Station Complete (Y/N)	Proposed Reduced Monitoring
E026	Los Alamos below Ice Rink	UF	**Y**	**N**			**Y**	**N**	
E030	Los Alamos above DP Canyon	UF	**Y**	**Y**		As, Pb, Hg, V, Aroclor-1260, Gross alpha	**Y**	**N**	
E038	DP above TA-21	UF	**Y**	**Y**		Pb, Gross alpha	**Y**	**N**	Drop PCBs
E039	DP below Meadow at TA-21	UF	**Y**	**Y**			**N**	**Y**	Drop PCBs
E040	DP above Los Alamos Canyon	UF	**Y**	**Y**		As, Pb, V, Gross alpha	**Y**	**N**	Drop PCBs
E042	Los Alamos above SR-4	UF	**Y**	**N**	PCBs (1)	As, Pb, V, Gross alpha	**Y**	**N**	
E050	Los Alamos below LA Weir	UF	**Y**	**N**			**Y**	**N**	
E055	Pueblo above Acid	UF	**Y**	**Y**		As, Pb, V, Gross alpha	**Y**	**N**	Drop PCBs
E055.5	South Fork of Acid Canyon	UF	**Y**	**N**			**Y**	**N**	
E056	Acid above Pueblo	NA	**N**	**N**			**Y**	**N**	
E060	Pueblo above SR-502	UF	**Y**	**N**		Pb, V	**Y**	**N**	
E099	Guaje at SR 502	NA	**N**	**N**			**Y**	**N**	
E110	Los Alamos at Rio Grande	NA	**N**	**N**			**Y**	**N**	
E121	Sandia right fork at Power Plant	UF	**Y**	**N**			**Y**	**N**	
E122	Sandia left fork at Asphalt Plant	UF	**Y**	**Y**			**N**	**Y**	Move station
E123	Sandia below Wetlands	UF	**Y**	**Y**		Hg, Ag, Aroclor-1254, Aroclor-1260	**Y**	**N**	
E124	Sandia above Firing Range	UF	**Y**	**N**		Ag, Aroclor-1260, Gross alpha	**Y**	**N**	
E125	Sandia above SR-4	NA	**N**	**N**			**Y**	**N**	
E200	Mortandad below Effluent Canyon	UF	**Y**	**Y**		Gross alpha	**Y**	**N**	Drop PCBs
E201	Mortandad above Ten Site	NA	**N**	**N**			**Y**	**N**	
E201.3	Ten Site below MDA C	UF	**Y**	**N**			**Y**	**N**	
E201.5	Ten Site above Mortandad	UF	**Y**	**N**			**Y**	**N**	

Table II-1. Summary of Watershed Monitoring FFCA Status 2004 Monitoring Year

Station ID	Station Name	F/UF	Sample(s) Collected (Y/N)	4 Complete Samples (Y/N)	Missing Suites	Potential Laboratory-Derived Pollutants > wSAL	Additional Monitoring Required (Y/N)	Station Complete (Y/N)	Proposed Reduced Monitoring
E202	Mortandad above Sediment Traps	NA	**N**	**N**			**Y**	**N**	
E203	Mortandad below Sediment Traps	NA	**N**	**N**			**Y**	**N**	
E204	Mortandad at LANL Boundary	NA	**N**	**N**			**Y**	**N**	
E218	Canada del Buey near TA-46	UF	**Y**	**N**		As	**Y**	**N**	
E225	Canada del Buey near MDA G	NA	**N**	**N**			**Y**	**N**	
E227	MDA G-13	UF	**Y**	**N**		V	**Y**	**N**	
E230	Canada del Buey above SR-4	UF	**Y**	**N**		As, Pb, Se, Tl, V, Gross alpha	**Y**	**N**	
E240	Pajarito below SR-501	UF	**Y**	**N**			**Y**	**N**	
E241	Pajarito above Starmers	UF	**Y**	**N**			**Y**	**N**	
E242	Starmers above Pajarito	UF	**Y**	**N**		Ag	**Y**	**N**	
E242.5	La Delfe above Pajarito	UF	**Y**	**N**			**Y**	**N**	
E243	Pajarito above Twomile	UF	**Y**	**N**			**Y**	**N**	
E243.5	Twomile tributary at TA-3	UF	**Y**	**N**			**Y**	**N**	
E244	Twomile above Pajarito	UF	**Y**	**N**		As, Pb, Se, V, Gross alpha	**Y**	**N**	
E245	Pajarito above TA-18	UF	**Y**	**N**			**Y**	**N**	
E245.5	Pajarito above Threemile	UF	**Y**	**N**		As, Pb, V, Gross alpha	**Y**	**N**	
E246	Threemile above Pajarito	UF	**Y**	**N**		As, Pb, V, Gross alpha	**Y**	**N**	
E247	MDA G-1	UF	**Y**	**N**		V, Gross alpha	**Y**	**N**	
E248.5	MDA G-6U	UF	**Y**	**N**		Gross alpha	**Y**	**N**	
E249	MDA G-4	UF	**Y**	**N**			**Y**	**N**	
E250	Pajarito above SR-4	UF	**Y**	**N**			**Y**	**N**	
E252	Water above SR-501	NA	**N**	**N**			**Y**	**N**	

Table II-1. Summary of Watershed Monitoring FFCA Status 2004 Monitoring Year

Station ID	Station Name	F/UF	Sample(s) Collected (Y/N)	4 Complete Samples (Y/N)	Missing Suites	Potential Laboratory-Derived Pollutants > wSAL	Additional Monitoring Required (Y/N)	Station Complete (Y/N)	Proposed Reduced Monitoring
E253	Canon de Valle above SR-501	UF	**Y**	**N**			**Y**	**N**	
E256	Canon de Valle below MDA P	UF	**Y**	**N**		As, Pb, V	**Y**	**N**	
E257	Canon de Valle tributary at Burn Grounds	UF	**Y**	**Y**			**Y**	**N**	
E260	Water above S Site Canyon	UF	**Y**	**N**			**Y**	**N**	
E261	S Site Canyon above Water	UF	**Y**	**N**		As, Pb, V	**Y**	**N**	
E262	Canon de Valle above Water	UF	**Y**	**N**			**Y**	**N**	
E262.5	Water below MDA AB	UF	**Y**	**N**		Se, V, Gross alpha	**Y**	**N**	
E263	Water at SR-4	UF	**Y**	**N**		As, Pb, V, Gross alpha	**Y**	**N**	
E264	Indio at SR-4	NA	**N**	**N**			**Y**	**N**	
E265	Water below SR-4	UF	**Y**	**N**		As, Pb, Ag, V, Gross alpha	**Y**	**N**	
E266	Potrillo at Lower Slobbovia	NA	**N**	**N**			**Y**	**N**	
E267	Potrillo above SR-4	NA	**N**	**N**			**Y**	**N**	
E274	Ancho north fork below SR-4	NA	**N**	**N**			**Y**	**N**	
E275	Ancho below SR-4	NA	**N**	**N**			**Y**	**N**	
E338	Chaquehui at TA-33	NA	**N**	**N**			**Y**	**N**	
E340	Chaquehui tributary at TA-33	NA	**N**	**N**			**Y**	**N**	