REPORT ON
ANNUAL GROUNDWATER MONITORING, 2006
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

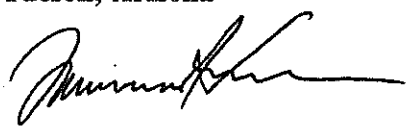
VOLUME I OF II

for

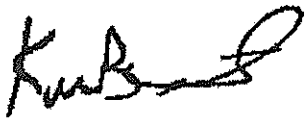
The Boeing Company,
National Aeronautics and Space Administration (NASA),
and
U.S. Department of Energy (DOE)
Canoga Park, California

by

Haley & Aldrich, Inc.
Tucson, Arizona



Lawrence P. Smith, P.G.
Executive Vice President/COO
California Professional Geologist No. 3944



Kurt J. Blust, P.G.
Senior Hydrogeologist
California Professional Geologist No. 4828

Laura A. Davis
Senior Hydrogeologist

File No. 32600/05/10/M478
28 February 2007

HALEY&
ALDRICH

TABLE OF CONTENTS

TABLE OF CONTENTS
(Continued)

Page

LIST OF TABLES

TABLE OF CONTENTS
(Continued)

LIST OF FIGURES

TABLE OF CONTENTS
(Continued)

TABLE OF CONTENTS
(Continued)

LIST OF ACRONYMS AND ABBREVIATIONS

ASU	air stripping unit
ATSDR	Agency for Toxic Substances and Disease Registry
CCR	California Code of Regulations
CFOU	Chatsworth Formation Operable Unit
1,1-DCA	1,1-dichloroethane
1,1-DCE	1,1-dichloroethene
cis-1,2-DCE	cis-1,2-dichloroethene
COC	constituent of concern
DHS	(California) Department of Health Services
DTSC	(California) Department of Toxic Substances Control
ECAL	enforceable California action limit
EFH	extractable fuel hydrocarbons
EPA	(United States) Environmental Protection Agency
FLUTe	Flexible Liner Underground Technologies, LLC
FSDF	Former Sodium Disposal Facility
GRO	gasoline range organics
GWRC	Groundwater Resources Consultants, Inc.
HpCDD	1,2,3,4,6,7,8-heptachlorodibenzo-p-dioxin
HpCDF	1,2,3,4,6,7,8-heptachlorodibenzofuran
K-40	potassium-40
LC	liquid chromatography
LCS/LCSD	laboratory control sample/laboratory control sample duplicate
LUFT	leaking underground fuel tank
MBK	methyl butyl ketone (2-hexanone)
MCL	maximum contaminant level
MDA	minimum detectable activity
MDL	method detection limit
MEK	methyl ethyl ketone (2-butanone)
mg/l	milligrams per liter
MS	mass spectrometry
MS/MSD	matrix spike/matrix spike duplicate
MSL	mean sea level
NDMA	n-nitrosodimethylamine
NL	notification level
NPDES	National Pollutant Discharge Elimination System
NTU	nephelometric turbidity unit
OCDD	octachlorodibenzo-p-dioxin
OCDF	octachlorodibenzofuran
PCB	polychlorinated biphenyl
PCE	tetrachloroethene
pCi/l	picoCuries per liter
per mil	parts per thousand
pg/l	picograms per liter
QAPP	Quality Assurance Project Plan
QA/QC	quality assurance and quality control
Ra-226	radium-226
Ra-228	radium-228
RCRA	Resource Conservation and Recovery Act

LIST OF ACRONYMS AND ABBREVIATIONS
(Continued)

RFI	RCRA Facility Investigation
RL	reporting limit
RMHF	Radioactive Materials Handling Facility
RPD	relative percent difference
SAP	Sampling and Analysis Plan
SDG	sample delivery group
SDWA	Safe Drinking Water Act
SSFL	Santa Susana Field Laboratory
SMCL	secondary maximum contaminant level
Sr-90	strontium-90
SVOC	semi-volatile organic compound
2,3,7,8-TCDD	2,3,7,8-tetrachlorodibenzo-p-dioxin
2,3,7,8-TCDD TEQ	2,3,7,8-TCDD toxic equivalency
2,3,7,8-TCDF	2,3,7,8-tetrachlorodibenzofuran
TCE	trichloroethene
TCP	1,2,3-trichloropropane
TEF	toxic equivalency factor
TEQ	toxic equivalency
Th-232	thorium-232
trans-1,2-DCE	trans-1,2-dichloroethene
µg/l	micrograms per liter
U-234	uranium-234
U-235	uranium-235
U-238	uranium-238
UV	ultra-violet
VOC	volatile organic compound
V-SMOW	Vienna Standard Mean Ocean Water

1. INTRODUCTION

This report summarizes the groundwater monitoring and groundwater extraction/treatment activities conducted during 2006 at the Santa Susana Field Laboratory (SSFL) located in Ventura County, California (Figure 1). This report is intended to fulfill the requirements of multiple regulatory programs being implemented at SSFL, including requirements addressed in the Post-Closure Permit monitoring program approved by the California Environmental Protection Agency Department of Toxic Substances Control (DTSC), and the Leaking Underground Fuel Tank (LUFT) monitoring program overseen by DTSC. Specific requirements include performance of detection monitoring, evaluation monitoring, and interim corrective action monitoring as described in the SSFL (Facility) Post-Closure Permits and per the requirements of Title 22, California Code of Regulations (22 CCR), sections 66264.97 through 66264.99.

Monitoring activities conducted during the year included:

- measurement of water levels
- collection and laboratory analysis of groundwater samples
- measurement of groundwater extraction/treatment system water levels, pumping rates, and volumes
- collection and laboratory analysis of water samples from treatment system influent and effluent

Historical data were reported in the following documents:

- *Annual Groundwater Monitoring Report, Santa Susana Field Laboratory, 1999, Boeing North American, Inc., Rocketdyne Propulsion & Power, Ventura County, California* (Groundwater Resources Consultants, Inc. [GWRC], 2000)
- *Report on Annual Groundwater Monitoring, 2000, Santa Susana Field Laboratory, Ventura County, California* (Haley & Aldrich, 2001)
- *Report on Annual Groundwater Monitoring, 2001, Santa Susana Field Laboratory, Ventura County, California* (Haley & Aldrich, 2002a)
- *Report on Appendix IX Groundwater Monitoring, 2001, Santa Susana Field Laboratory, Ventura County, California* (Haley & Aldrich, 2002b)
- *Report on Annual Groundwater Monitoring, 2002, Santa Susana Field Laboratory, Ventura County, California* (Haley & Aldrich, 2003a)
- *Addendum to Report on Annual Groundwater Monitoring, 2002, Santa Susana Field Laboratory, Ventura County, California* (Haley & Aldrich, 2003b)
- *Report on Annual Groundwater Monitoring, 2003, Santa Susana Field Laboratory, Ventura County, California* (Haley & Aldrich, 2004)
- *Report on Annual Groundwater Monitoring, 2004, Santa Susana Field Laboratory, Ventura County, California* (Haley & Aldrich, 2005a)
- *Report on Annual Groundwater Monitoring, 2005, Santa Susana Field Laboratory, Ventura County, California* (Haley & Aldrich, 2006a)
- *Report on Quarterly Groundwater Monitoring, First Quarter 2006, January through March 2006, Santa Susana Field Laboratory, Ventura County, California* (Haley & Aldrich, 2006b)
- *Report on Quarterly Groundwater Monitoring, Second Quarter 2006, April through June 2006, Santa Susana Field Laboratory, Ventura County, California* (Haley & Aldrich, 2006c)

- *Report on Quarterly Groundwater Monitoring, Third Quarter 2006, July through September 2006, Santa Susana Field Laboratory, Ventura County, California* (Haley & Aldrich, 2006d)

The scope of this annual report includes the following as required per the Post-Closure Permits and 22 CCR, sections 66264.97 through 66264.99:

- Summary of water level measurements
- Discussion of the rates and direction of groundwater movement
- Summary of results of laboratory analyses of water samples
- Summary of groundwater extraction volumes and extraction well water levels and flow rates
- Summary of results of laboratory analyses of permitted treatment system influent and effluent water samples
- Water level hydrographs
- A groundwater elevation contour map of the Chatsworth Formation water table surface for November 2006
- Contaminant concentration posting maps for the year 2006
- Contaminant concentration versus time plots from 1997 through 2006

MWH and Haley & Aldrich collected additional groundwater data in 2006 as part of the 1,2,3-Trichloropropane Supplemental Groundwater Monitoring Plan (Haley & Aldrich, 2005b), the Chatsworth Formation Operable Unit (CFOU) Investigation (Montgomery Watson, 2000b), the Perchlorate Characterization Work Plan (MWH, 2003d), and Resource Conservation and Recovery Act (RCRA) Facility Investigations (RFI).

Two new Chatsworth Formation wells were constructed and sampled during 2006. Details about the installation and sampling of wells RD-96 and RD-97 will be included in the report on the Area IV data gap investigation for radiological constituents in groundwater to be issued in 2007.

A recent review of radiochemical water quality data identified samples that had been incorrectly reported as either filtered or unfiltered, or results that had been dropped from past data summaries due to data compilation errors. A summary of this radiochemical data review is presented in Appendix E, Table E-V. Data tables E-I, E-II, E-III, and E-IV are updated with these corrections and additions.

1.1 Report Organization

Groundwater monitoring results, including analytical results and water levels, are presented in Section 2. Section 3 discusses remedial systems at SSFL, and Section 4 introduces the data tables containing results of surface water discharge from National Pollutant Discharge Elimination System (NPDES) Outfalls 001 and 002.

2. GROUNDWATER MONITORING

This section presents a discussion of groundwater levels and analytical results from 2006 groundwater sampling events conducted at SSFL. Monitoring wells are scheduled to be sampled quarterly, semiannually, or annually in accordance with the current Sampling and Analysis Plan (SAP) for the Facility (GWRC, 1995a, 1995b). Figure 2 shows the locations of the wells. Piezometer locations are presented in Figure 3. Groundwater elevation contours for the first-encountered water in the Chatsworth Formation, as determined from groundwater levels measured during the fourth quarter 2006 monitoring event, are shown in Figure 4.

Additional subsurface investigations are being conducted at SSFL as part of ongoing programs. As a result of these ongoing investigations, additional information on site geology and groundwater conditions becomes available. To the extent possible, this new information is incorporated into quarterly and annual groundwater monitoring reports.

Site geology is summarized and illustrated on Figure 5. Data collected in the eastern portion of SSFL indicate the presence of several geologic features that may impact groundwater flow (MWH, 2002). The geologic features depicted on Figure 5 reflect the understanding and interpretation of both the stratigraphy and structure at SSFL and are based on approximately five years of field and office evaluations. A report supporting the basis for these interpretations is scheduled to be issued during 2007.

The following subsections provide a review of groundwater levels, and groundwater quality results and trends. Historical precipitation, year 2006 water level measurements, and historical water level hydrographs for select wells are presented in Tables I and II and Appendix A, respectively. Hydrographs representing vertical profiles of 2006 water levels in wells installed with FLUTe systems were prepared by MWH and are presented in Appendix A. Well construction details are summarized in Appendix C. FLUTe system and Westbay system construction details are presented in Appendix A.

Groundwater quality results and trends, as presented in Tables III through XV, Appendices E and F, and Figures 6 through 40, are discussed in Section 2.2.

2.1 Groundwater Elevations and Flow Conditions

Groundwater occurs at SSFL in the alluvium, weathered bedrock, and unweathered bedrock (Montgomery Watson, 2000a). First-encountered groundwater may be observed in any of these media under water table conditions. For the purposes of this report, "near-surface groundwater" is defined as groundwater that is present in the alluvium and weathered bedrock, and groundwater that occurs in the unweathered bedrock is referred to as "Chatsworth Formation groundwater".

Near-surface groundwater is indicated to have a limited areal extent at SSFL, typically occurring in narrow alluvial drainages (topographic lows) and broad valleys (e.g., Burro Flats in Area IV, Figure 41). At some locations within SSFL, where near-surface groundwater exists, the near-surface and Chatsworth Formation groundwater appear to be vertically continuous and not separated by a vadose zone (MWH, 2003c).

Based on data collected to date, perched groundwater is also indicated to exist at locations within SSFL (MWH, 2003c). At these locations, a vadose zone within the Chatsworth Formation apparently separates near-surface and Chatsworth Formation groundwater.

Groundwater data collection and analysis is ongoing and interpretations of existing hydrogeologic conditions will be modified as necessary.

2.1.1 Near-Surface Groundwater

Water level measurements were conducted quarterly at 91 of the 92 near-surface groundwater wells during 2006 (Table II, Appendix A). During the 2005 Topanga fire, the plastic cap at HAR-12 melted to the plastic casing, obstructing access to the well. During 2006, water levels were measured at 33 piezometers installed at the Facility (Table II). Near-surface groundwater levels followed the general historical trend, highest during the late winter and spring rainy season, and lowest during the summer and early fall dry months.

Near-surface groundwater is indicated to occur in Quaternary alluvium distributed primarily in the Burro Flats area (Figure 41) and along ephemeral drainages, and in the upper weathered portion of the Chatsworth Formation. The alluvium is indicated to generally consist of unconsolidated sand, silt, and clay. This occurrence of near-surface groundwater is discontinuous at the Facility. Some portions of the alluvium and upper weathered Chatsworth Formation are saturated only during and immediately following a wet season.

Discharge of water to Facility storage reservoirs and channels as part of site operations can also affect groundwater levels in shallow wells. Most of these types of discharges have ceased.

For the 2006 water year, a total of 21.97 inches of precipitation was measured, approximately 17% above average (Table I). A water year begins on October 1 and concludes on September 30 of the following calendar year.

Water level data from shallow wells continue to indicate that near-surface groundwater movement is generally a reflection of surface topography. Groundwater movement within the canyon areas is generally indicated in the same direction as surface flow in the canyons. Downward vertical movement of near-surface groundwater into the Chatsworth Formation bedrock is also indicated to occur (MWH, 2003c).

2.1.2 Chatsworth Formation

The principal water bearing system at the Facility is the fractured Chatsworth Formation, predominantly composed of weak- to well-cemented sandstone with interbeds of siltstone and claystone. Several hydraulically significant features such as fault zones and shale beds are present at SSFL and may act as aquitards or otherwise influence the groundwater flow system (Montgomery Watson, 2000a; MWH, 2002).

2.1.2.1 Groundwater Elevations and Flow Conditions

Water level elevations were measured quarterly during 2006 at all but 3 of the 162 Chatsworth Formation monitor wells (Table II and Appendix A). Water level elevations could not be obtained at three wells:

- A datalogger was not installed at FLUTe-equipped well RD-07.
- A blank FLUTe liner was installed in RD-31 and prevented water level measurement.
- The partially removed FLUTe system at OS-24 prevented water level measurement.

Static depths to water in Chatsworth Formation wells measured during 2006 ranged from above land surface at artesian wells RD-59B, RD-59C, RD-68A, and RD-68B to 472 feet below land surface at private off-site well OS-25. Water level elevations measured in Chatsworth Formation monitor wells during November 2006 ranged from approximately 1,226 feet above mean sea level (MSL) at well RD-75 to about 1,896 feet above MSL at well RD-42 (Table II, Figure 4).

Discrete depth-interval water level data from FLUTe wells were collected by dataloggers and are presented in Table II and Appendix A. Access to manually measure water levels was not available at these wells.

The water level contour map, presented as Figure 4, was prepared using November 2006 water level elevations from the shallowest well in each Chatsworth Formation cluster, and from individual Chatsworth Formation wells at non-cluster locations.

Chatsworth Formation water levels during the fourth quarter 2006 were generally higher than fourth quarter 2005 water levels (Haley & Aldrich, 2006a; Appendix A). This year-to-year increase may have been the result of above average precipitation in 2005 and 2006 (Table I). As noted above, ongoing field investigations have resulted in the installation of several multi-port sampling devices (FLUTes) in wells in the Former Sodium Disposal Facility (FSDF) area, and the northwest and northeast portions of SSFL (Figure 41). The elevation of first water in the multi-port devices in some wells appears to vary from that previously observed in the open well boreholes. This difference may exist because the water level in the open well bore represents the blended head throughout the entire length of the open well bore, whereas the water level in a given port of a multi-port device represents the head within a discreet depth interval of the borehole.

The groundwater elevation contour map, Figure 4, is provided to satisfy in part the requirements of 22 CCR, section 66264.97 for determining groundwater flow rates and directions. A groundwater elevation contour map can be used in simple hydrogeologic settings to depict variations in the elevation of the water table surface, which can in turn be used to interpret apparent relative directions of groundwater flow. However, the groundwater elevation contours depicted in Figure 4 are not used to infer groundwater flow directions or rates of groundwater movement for the following reasons, among others:

- Several hydraulically significant features such as fault zones and shale beds are present at SSFL and may act as impediments to groundwater flow across them. Accordingly, while significant variations in the elevation of groundwater are present at SSFL, these differences may not necessarily indicate preferred directions of groundwater flow.

- Some water level elevations depicted may not represent the elevation of the first occurrence of groundwater due to the relatively long, open intervals of some of the monitoring wells. The water levels shown represent average heads over the screened or open interval.

- Groundwater flow directions and rates in fractured rock are likely influenced by the bedrock fracture network and characteristics of the bedrock matrix and possibly the orientation of structural features and stratigraphy.

2.2 Groundwater Quality Results

This section summarizes the results of the quarterly groundwater sampling and analysis monitoring program for 2006. The groundwater monitoring program at SSFL fulfills the requirements of multiple regulatory programs prescribed by:

- the Post-Closure Permits (DTSC, 1995),
- Class 1 and Class 2 Permit Modifications of the Post-Closure Permits (DTSC, 2001),
- the LUFT program overseen by DTSC, and
- various characterization efforts conducted at SSFL including the CFOU groundwater investigation (Montgomery Watson, 2000b), the Happy Valley Interim Measures project (MWH, 2003e), the Perchlorate Characterization program (MWH, 2003d), the RFI program (Ogden, 2000), the 1,2,3-Trichloropropane Supplemental Groundwater Monitoring Plan (Haley & Aldrich, 2005b), and the Vapor Migration Modeling Validation Study (MWH, 2005).

Table B-I of Appendix B identifies the monitoring locations relevant to the individual monitoring programs.

The Post-Closure Permit monitoring programs include the Evaluation Monitoring Program and the Detection Monitoring Program. The Evaluation Monitoring Program requires semiannual sampling of point of compliance wells, evaluation monitoring wells, and interim corrective action wells for volatile organic compounds (VOCs; Tables III and IV) (DTSC, 2001). Detection monitoring wells, including background wells, are sampled quarterly for VOCs (DTSC, 2001). At five-year intervals, the Post-Closure Permit requires constituent of concern (COC) monitoring at wells in the Evaluation Monitoring and Detection Monitoring Programs. The next five-year COC monitoring required by the 1995 Post-Closure Permits is scheduled for 2010.

In this report, groundwater sampling results from Facility wells are compared to various regulatory limits for discussion purposes. For those compounds or water quality constituents that have drinking water Maximum Contaminant Levels (MCLs) [promulgated per the Safe Drinking Water Act (SDWA) and 22 CCR, sections 64431 through 64449 and 64672], the MCLs are used for comparison. Some COCs do not have associated MCLs but have NLs that are used for comparison and discussion. NLs are health-based advisory levels established for chemicals in drinking water for which there are no formal MCLs. California water purveyors

are required to advise their customers of the presence of these compounds in drinking water when concentrations are at or above NLs. If concentrations of these compounds exceed 10 or 100 times the NLs, water purveyors are required to remove the water source from their distribution system (DHS, 2006). In all cases, it is important to note that groundwater at SSFL is not used as a drinking water supply. All references to MCLs and NLs are for purposes of discussion only. In addition, reporting requirements in the Post-Closure Permits call for posting of all water quality results above method detection limits (MDLs). Except for n-nitrosodimethylamine (NDMA) analysis using modified EPA Method 1625, analytical results with concentrations greater than the MDL but less than the reporting limit are qualified (flagged as estimated with a "J") to indicate the uncertainty associated with the quantification of these data.

Because the currently approved SAP calls for analytical methods which are not sufficiently sensitive to detect 1,4-dioxane and NDMA [Environmental Protection Agency (EPA) Methods 8260 and 8270C, respectively] at the California Department of Health Services (DHS) notification levels (NLs) for these compounds, Boeing has elected to use more sensitive DHS approved analytical methods, including EPA Methods 8260-SIM for 1,4-dioxane and modified 1625 for NDMA.

Boeing has performed additional quality assurance and quality control (QA/QC) analyses to assess the presence of NDMA in water samples, laboratory-supplied trip blanks, field blanks, locally-supplied municipal drinking water, and method blanks. The analytical results produced from this additional QA/QC sampling have indicated that NDMA is detected in these samples at concentrations below the NL of 0.010 micrograms per liter (μg/l). For this reason, 2006 sample result reporting limits are at the NL of 0.010 μg/l per Boeing's request to DTSC dated July 1, 2005 (Boeing, 2005).

Pursuant to the groundwater monitoring program (Table B-I, Appendix B), groundwater samples were collected during 2006 from shallow and Chatsworth Formation wells, and off-site wells. A summary of the analyses conducted at individual wells during 2006 is presented in Table B-II of Appendix B.

Pursuant to the monitoring schedule in 2006 (Table B-I, Appendix B), laboratory analyses were performed to determine the concentration of:

- VOCs
- fuel hydrocarbons
- trace metals
- cyanide
- semi-volatile organic compounds (SVOCs)
- perchlorate
- radionuclides (gross alpha, gross beta, radium, tritium, uranium, and gamma-emitting radionuclides)
- Appendix IX constituents,
- inorganic constituents
- polychlorinated biphenyls (PCBs)
- dioxins and furans

Inorganic constituents included:

- major cations (calcium, magnesium, potassium, and sodium)
- major anions (bicarbonate, carbonate, chloride, nitrate, and sulfate)

- total dissolved solids
- pH
- specific conductance

Trace metals included antimony, arsenic, barium, beryllium, cadmium, chromium, cobalt, copper, iron, lead, manganese, mercury, molybdenum, nickel, selenium, silver, thallium, vanadium, and zinc.

Water quality results are tabulated in Tables III through XV. Analytical results for trichloroethene (TCE) and cis-1,2-dichloroethene (cis-1,2-DCE), the most prevalent contaminants detected in groundwater samples collected from the site, are posted on a site base map in Figures 6 through 9 for the near-surface and Chatsworth Formation groundwater systems. Maximum concentrations of constituents of concern detected during 2006 are posted on Figures 10 through 13 and 15 through 36. Figures are not presented for the constituents of concern that were not detected in any groundwater samples collected during 2006. Figure 14 presents maximum perchlorate concentrations detected during the year. Figure 37 presents 1,2,3-trichloropropane (TCP) results for all wells sampled during 2006 for Appendix IX and as part of the 1,2,3-Trichloropropane Supplemental Groundwater Monitoring Plan (Haley & Aldrich, 2005b). Figure 38 presents wells sampled for Appendix IX constituents during 2006. Concentrations of Appendix IX constituents detected during 2006 are posted on Figures 39 and 40.

Concentration versus time plots for constituents of concern at permitted wells are presented in Appendix F.

Monitoring for the various characterization efforts in progress at SSFL was conducted during 2006 as follows:

- As part of the CFOU groundwater investigation, a number of wells were monitored for constituents of concern and perchlorate (Table XII).

- As part of the Happy Valley Interim Measures project (MWH, 2003e), perchlorate and bromide were analyzed in samples collected from wells and piezometers in the vicinity of the biotreatment area located near former Building 359 (Tables VIII and XIII). Former Building 359 is located along Area I Road approximately 175 feet east southeast of well HAR-25 (Figures 2 and 41).

- As part of the Perchlorate Characterization Work Plan (MWH, 2003d), Facility monitoring wells and private wells located off-site were monitored for perchlorate and inorganic constituents (Tables VIII and XIII). Also, water samples collected at well OS-09 were analyzed for stable hydrogen and oxygen isotopes (Table XIII).

- As part of the 1,2,3-Trichloropropane Supplemental Groundwater Monitoring Plan (Haley & Aldrich, 2005b), a number of wells were sampled for TCP analysis (Table XIV).

- In support of the RFI program, groundwater samples were collected as part of the RFI Groups 1A, 2, 3, and 4 data gap investigations (Figure 41) for analysis. Analyses performed included one or more of the following: extractable fuel hydrocarbons (EFHs), metals, SVOCs, formaldehyde, NDMA, inorganics, PCBs, and dioxins and furans (Tables V, VI, VII, XII, XIII, and XV). Monitoring was conducted for RFI

Group 6 at PZ-114, RD-15, and RD-86 to augment the existing metals data set and at RD-86 to augment the existing VOC data set (Tables IV and VI).

- In support of the Vapor Migration Study (MWH, 2005), a number of wells were sampled for VOCs (Tables III and IV).

A quality assurance summary of the monitoring program is presented in Appendix D.

2.2.1 Near-Surface Groundwater

Groundwater samples were collected from 44 shallow wells and 9 piezometers as part of the groundwater monitoring program in 2006. Some shallow wells were dry or contained insufficient water for sampling when monitored during the year (Table II and Appendix A). Results for each well are summarized in Tables III, and V through XV. All analytical results were within historical ranges (GWRC, 2000; Haley & Aldrich, 2001, 2002a, 2002b, 2003a, 2004, 2005, 2006a; MWH, 2003c), with the exceptions noted below. Deviations from historical water quality results for analytes exceeding the reporting limits and results of verification sampling are discussed below and in section 2.2.5.

In support of the RFI program, selected piezometers and shallow wells were sampled during 2006 as part of the Groups 1A, 2, 3, and 4 data gap investigations. Monitoring was conducted for RFI Group 6 to augment the existing metals data set. In support of the Vapor Migration Study, selected shallow wells were monitored for VOCs.

2.2.1.1 LUFT Program

All volatile organic and fuel hydrocarbon analytical results for groundwater samples collected semiannually from shallow wells RS-30, RS-31, and RS-32 during 2006 were within historical ranges (Tables III and V).

Shallow well RS-01 had insufficient water for sampling during 2006.

2.2.1.2 Evaluation Monitoring Program/Interim Corrective Action Program

VOC results for groundwater from shallow evaluation monitoring wells and interim corrective action wells sampled during 2006 were within historical ranges with the following exceptions (Table III):

- Tetrachloroethene (PCE) was detected for the first time during the first quarter 2006 at interim corrective action well HAR-04 at an estimated concentration of 0.57 μg/l. The MCL for tetrachloroethene is 5 μg/l. The third quarter 2006 HAR-04 was diluted by the laboratory because of the presence of 1,100 μg/l TCE. The dilution was performed to allow for analysis within the calibration limit. Therefore, the resulting detection limit for PCE was 6.4 μg/l, which was greater than the PCE concentration reported in the first quarter HAR-04 sample. PCE was not detected above the 6.4 μg/l MDL in the third quarter sample. HAR-04 is next scheduled for VOC sampling during the first quarter 2007.

- 1,2-Dichlorobenzene and toluene were detected for the first time in groundwater collected from interim corrective action well ES-24

during the third quarter 2006 at 0.43 J µg/l and 29 µg/l, respectively. The MCLs for 1,2-dichlorobenzene and toluene are 600 and 150 µg/l, respectively. ES-24 is next scheduled for VOC sampling during the first quarter 2007.

Verification samples (primary, field duplicate, split, and field blank samples) collected from interim corrective action well ES-04 during 2006 indicated that trihalomethanes and trichlorotrifluoroethane are not detectable in groundwater at this well (Table III). Trihalomethanes (bromodichloromethane, chloroform, and dibromochloromethane) and trichlorotrifluoroethane had been reported as detectable in groundwater samples collected from ES-04 in 2005 (Haley & Aldrich, 2006a).

Verification samples collected from evaluation monitoring wells SH-03 and RS-07 during the first quarter 2006 confirmed the detection of 1,4-dioxane at concentrations ranging up to 21 µg/l and an estimated 1.8 µg/l, respectively. 1,4-Dioxane had been detected for the first time in SH-03 and RS-07 groundwater during 2005 (Haley & Aldrich, 2006a).

During the 2005 constituent of concern sampling at evaluation monitoring wells, SH-03 groundwater was analyzed for the first time using low-level NDMA analysis. The laboratory reported NDMA as detected in the 2005 samples, but the results were rejected because the concentrations exceeded the calibration range. Verification samples collected from SH-03 during 2006 confirmed the detection of NDMA at concentrations of 0.3129, 0.3341, estimated 0.81 µg/l, and estimated 0.81 µg/l in the primary, duplicate, and the two split samples, respectively (Table XII). The California drinking water NL for NDMA is 0.01 µg/l.

Evaluation monitoring wells and interim corrective action wells are monitored semiannually for VOCs and every five years for COCs. The next VOC monitoring event for these wells is scheduled for the first quarter 2007. Constituent of concern monitoring is next scheduled for 2010.

2.2.1.3 Point of Compliance Program

Shallow point of compliance wells SH-04, RS-08, HAR-14, and HAR-15 were scheduled for Appendix IX monitoring during the second quarter 2006. Results of the monitoring are reported in Section 2.2.3 below.

2.2.1.4 Near-Surface Groundwater Radiochemistry Analyses

During the year, near-surface groundwater samples were collected from select wells for the analysis of gross alpha and gross beta, radium-226 (Ra-226), radium-228 (Ra-228), tritium, gamma-emitting radionuclides, isotopic thorium, and isotopic uranium using EPA Methods 900.0, 903.1, 904.0, 906.0, 901.1, 907.0, and 908.0, respectively (Tables IX and X). Samples also were collected for the analysis of additional radionuclides per EPA's drinking water regulations (Federal Register, 2000):

- In the event gross alpha activity exceeded 15 picoCuries per liter (pCi/l), groundwater samples were analyzed for isotopic uranium using EPA Method 908.0.

- In the event gross beta activity exceeded 50 pCi/l, groundwater samples were analyzed for potassium-40 (K-40) and strontium-90 (Sr-90) using EPA Methods 901.1 and 905.0, respectively.

As discussed below, results of radiological analyses of near-surface groundwater samples collected during 2006 were generally consistent with historical data (Appendix E).

As discussed in Appendix D, project specific Minimum Detectable Activities (MDAs) were not always attained due in part to matrix conditions (e.g., dissolved and suspended solids) and limitations in the prescribed analytical methods (e.g., sample volumes, counting times).

Groundwater sampling results from Facility wells are compared to drinking water MCLs for discussion purposes only. Groundwater at SSFL is not used as a drinking water supply.

Gross Alpha Activity

None of the gross alpha results exceeded the drinking water MCL of 15 pCi/l, with the following exception:

- The gross alpha activity in the RS-54 split sample was 21.0 $\pm$ 5.89 pCi/l (Table IX). This activity is within the historical gross alpha range for RS-54 groundwater (Appendix E). The gross alpha activity is indicated to be due to naturally occurring uranium. Excluding uranium activity, the RS-54 gross alpha activity did not exceed the MCL (Tables IX and X).

According to the EPA drinking water regulations, the gross alpha MCL includes radium-226 but excludes radon and uranium activity (Federal Register, 2000).

Gross Beta Activity

None of the gross beta results exceeded the drinking water MCL of 50 pCi/l (Table IX).

Tritium Activity

Tritium was not detected in near-surface groundwater samples (Table IX).

Radium-226 and Radium-228

The sum of Ra-226 and Ra-228 activities for all near-surface groundwater samples was below the drinking water MCL of 5 pCi/l for Ra-226/228 combined (Table IX).

Gamma Emitters

Anthropogenic gamma emitters (cesium-134, cesium-137, cobalt-57, cobalt-60, europium-152, europium-154, manganese-54, and sodium-22) were not detected in any near-surface groundwater sample during the year (Table X).

Isotopic Thorium

Thorium isotopes were not detected in near-surface groundwater samples collected during 2006 (Table X).

Isotopic Uranium

Results of 2006 and historical isotopic uranium analyses indicate that naturally-occurring uranium isotopes are detectable in groundwater samples collected from the SSFL Facility (Table X, Appendix E). Naturally occurring uranium (non-enriched and non-processed) with a mass enrichment of 0.7% has uranium-234:uranium-238 (U-234:U-238) and uranium-235:uranium-238 (U-235:U-238) activity ratios of 1.03 and 0.045 respectively (Rutherford, 2006). Near-surface groundwater samples collected in 2006 had the following ratios:

Well	U-233/234:U-238 ratio	U-235:U-238 ratio
RS-18	1.05 +/- 0.11	0.0448 +/- 0.012
RS-54	1.11 +/- 0.10	0.0480 +/- 0.0090
RS-54 (split sample)	0.987 +/- 0.32	0.0267 +/- 0.018

2.2.1.5 Other Monitoring

All other monitoring of near-surface groundwater water quality during 2006 yielded results consistent with historical data with one exception noted below.

- Vanadium was detected for the first time in RS-54 groundwater at an estimated concentration of 0.0013 milligrams per liter (mg/l) (Table VI). This concentration was below the California NL of 0.05 mg/l. A previous detect reported in 2002 was determined to be due to the presence of vanadium in the associated method blank. RS-54 is next scheduled for sampling for vanadium during the first quarter 2007.

1,2-Dichlorobenzene (1.6 µg/l), 1,3-dichlorobenzene (1.8 µg/l), and 1,4-dichlorobenzene (2 µg/l) in RS-18 groundwater were identified by the laboratory as lab instrument carry-over contamination from a previously analyzed sample (Table III). Drinking water MCLs are 600 µg/l and 5 µg/l for 1,2-dichlorobenzene and 1,4-dichlorobenzene, respectively. The California drinking water NL for 1,3-dichlorobenzene is 600 µg/l. RS-18 is next scheduled for sampling during the first quarter 2007.

TCP Monitoring

Results of TCP analyses for shallow wells monitored per the TCP Supplemental Groundwater Monitoring Plan (Haley & Aldrich, 2005b) are presented in Table XIV.

Vapor Migration Study

Shallow wells ES-03, ES-21, and ES-24 were sampled during the third quarter 2006 as part of the Vapor Migration Study for VOC analysis (Table III). As discussed in section 2.2.1.2, VOC results were within historical ranges for these wells with the exception of first-time detections of 1,2-dichlorobenzene (0.43 J µg/l) and toluene (29 µg/l) in ES-24 groundwater. The MCLs for 1,2-dichlorobenzene and toluene are 600 and 150 µg/l, respectively.

RFI Data Gap

As part of the data gap investigation for RFI Groups 1A, 2, 3, and 4, piezometers and shallow wells were sampled during 2006 as listed below for one or more of the following analyses: EFHs, trace metals, SVOCs, NDMA, inorganics, and dioxins and furans. Monitoring was conducted for RFI Group 6 to augment the existing metals data set for PZ-114.

Analysis	Monitoring Location
EFHs	PZ-048, PZ-071
Metals	PZ-017A, PZ-020, PZ-045, PZ-056, PZ-071, PZ-114, PZ-126, RS-08, RS-20, HAR-04, HAR-11, HAR-15, HAR-27, HAR-29
SVOCs	PZ-071
NDMA	PZ-071
Inorganics	PZ-056
Dioxins and furans	PZ-020, PZ-045, PZ-056, PZ-096

Results are summarized in Tables V, VI, VII, XII, XIII, and XV.

SVOCs and NDMA were not detected in PZ-071 groundwater samples (Tables VII and XII).

EFHs were detected in groundwater collected from piezometers PZ-048 and PZ-071 (Table V). Carbon ranges C8-C11, C12-C14, and C15-C20 were detected in PZ-048 at estimated concentrations of 0.046, 0.058, and 0.11 mg/l, respectively. C8-C11 and C12-C14 had not previously been detected in PZ-048 (MWH, 2003c). C15-C20 was detected in May 2001 at 0.15 mg/l in PZ-048. EFHs were not detected in PZ-071 groundwater except for EFH (C8-C30) detected at an estimated 0.077 mg/l concentration. Neither a drinking water MCL nor a California NL have been established for fuel hydrocarbons.

Results for metals and inorganics were below MCLs and NLs (Tables VI and XIII) with the following exceptions:

- Manganese was detected in PZ-017A, PZ-071, PZ-126, HAR-11, and HAR-27 groundwater at maximum concentrations of 1.1, 1.9, 0.62, 5.1, and 4.5 mg/l, respectively. Additional exceedances of the manganese NL during 2006 occurred at PZ-071 (1.6 and 1.8 mg/l) and HAR-11 (1.2 mg/l). The NL for manganese is 0.5 mg/l.

Groundwater samples collected from piezometers PZ-020, PZ-045, PZ-056, and PZ-096 were field filtered for dioxins using a 0.45-micron filter and analyzed (Table XV). Dioxins were not detected in PZ-045 groundwater (Table XV). Dioxins and furans detected in PZ-020, PZ-056, and PZ-096 included:

Detected Congener	Concentration (picograms per liter)		
	PZ-020	PZ-056	PZ-096
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (1,2,3,4,6,7,8-HpCDD)	---	11.6 J	2.95 J
1,2,3,4,6,7,8-Heptachlorodibenzofuran (1,2,3,4,6,7,8-HpCDF)	---	4.01 J	---
Octachlorodibenzo-p-dioxin (OCDD)	2.21 J	96.5	---
Octachlorodibenzofuran (OCDF)	---	8.44 J	---

Data validation confirmed the presence of these detected dioxins and furans in PZ-020, PZ-056, and PZ-096. The presence of dioxin congeners in past samples has been attributed to the suspended sediment in the water (GWRC, 2000; Haley & Aldrich, 2006a). Dioxins are naturally occurring in soil (Agency for Toxic Substances and Disease Registry [ATSDR], 1998) and have also been detected in samples of shale units collected from SSFL corehole C-5 in January 2001 from a depth of 92 feet below the surface at concentrations greater than surface soil ambient background concentrations (Sullivan, personal communication, 2005, 2006). The presence of hepta-chlorinated and octa-chlorinated congeners is consistent with the pattern of naturally occurring congeners.

Neither a drinking water MCL nor a California NL have been established for 1,2,3,4,6,7,8-HpCDD, 1,2,3,4,6,7,8-HpCDF, OCDD, or OCDF. When converted to 2,3,7,8-tetrachlorodibenzo-p-dioxin toxic equivalency (2,3,7,8-TCDD TEQ), the 2,3,7,8-TCDD TEQ concentrations for detected congeners in PZ-020, PZ-056, and PZ-096 samples were less than the drinking water MCL of 30 pg/l for 2,3,7,8-TCDD:

TEQ Reference	2,3,7,8-TCDD TEQ (pg/l)		
	PZ-020	PZ-056	PZ-096
van den Berg et al., 2006	0.000663 J	0.188	0.0295 J

2.2.2 Chatsworth Formation

Analytical results of Chatsworth Formation groundwater samples collected during 2006 are summarized in Tables IV through XV. Overall, results were consistent with historical results (GWRC, 2000; Haley & Aldrich, 2001, 2002a, 2002b, 2003a, 2003b, 2004, 2005, 2006a). Deviations from past water quality results for analytes reported above the reporting limits are discussed below.

Chatsworth Formation groundwater samples were collected from 131 Facility wells and 11 private off-site wells as part of the groundwater monitoring program in 2006. Detection monitoring wells and background wells are sampled quarterly. For the Evaluation Monitoring Program, Chatsworth Formation evaluation monitoring wells and interim corrective action wells are monitored semiannually during the first and third quarters. Three Chatsworth Formation wells serving as point of compliance

wells are monitored annually for Appendix IX parameters. As part of the CFOU groundwater investigation, selected Chatsworth Formation wells are sampled quarterly for constituents of concern. In support of the RFI program's data gap investigation for Groups 1A, 2, 3, and 4, selected Chatsworth Formation wells were monitored for EFHs, metals, SVOCs, formaldehyde, NDMA, dioxins and/or PCBs. Monitoring was conducted for RFI Group 6 to augment the existing VOC and metals data sets. In support of the Vapor Migration Study, selected Chatsworth Formation wells were monitored for VOCs.

2.2.2.1 LUFT Program

All VOC results and fuel hydrocarbon analytical results for the semiannual sampling of Chatsworth Formation wells monitored under the LUFT program were within historical ranges during 2006 (Tables IV and V) with the following exceptions:

- Carbon disulfide was not detected above the 0.48 μg/l MDL in the fourth quarter sample collected from well RD-36D (Table IV). Carbon disulfide had been detected for the first time in the second quarter groundwater sample collected from well RD-36D at an estimated 0.72 μg/l. The California drinking water NL for carbon disulfide is 160 μg/l.

- Verification samples (primary, field duplicate, split, and field blank samples) collected from detection monitoring well RD-32 and well RD-38B during the fourth quarter 2006 indicated that gasoline range organics (GROs) were not detectable in groundwater at these wells. Hydrocarbons in the gasoline range (C6-C12) were detected for the first time during the third quarter in wells RD-32 and RD-38B at estimated concentrations of 28 and 25 μg/l, respectively (Table V).

Results of fuel hydrocarbon and VOC analyses appear to indicate that groundwater samples collected from RD-36C and RD-36D during the third quarter 2006 were mislabeled during sample collection or misidentified at the laboratory. These wells were resampled during the fourth quarter 2006 for fuel hydrocarbons and VOCs because it appeared that RD-36C samples were incorrectly identified as RD-36D samples, and vice versa. The fourth quarter 2006 results were consistent with historical concentrations (Haley & Aldrich, 2006a).

Constituent(s)	Well Identifier	Suspect Third Quarter 2006 Results	Historically Consistent Fourth Quarter 2006 Results			Range of Previous Samples
			Primary Sample	Duplicate Sample	Split Sample	
GRO (μg/l)	RD-36C	25 U,S	39 J,W	---	---	14 U - 130
	RD-36D	42 J,S	25 U	---	---	0.5 U - 30 U
TCE (μg/l)	RD-36C	0.26 U,S	1.6	56	50	1.6 - 310
	RD-36D	12 S	0.6 J	---	---	0.26 U - 2.9

J = Estimated value. Analyte detected at a level less than the reporting limit and greater than or equal to the MDL.
S = Suspect result.
U = Not detected. Numerical value represents the MDL.
W = Hydrocarbon result partly due to individual organic compound peaks such as trichloroethene in quantitation range.

- Fourth quarter results for RD-36C and RD-36D appeared to confirm that third quarter samples from these wells were mislabeled during sample collection or misidentified at the laboratory.

Volatile organic and fuel hydrocarbon samples were collected from all LUFT program wells that contained sufficient groundwater for sampling. The next semiannual monitoring of LUFT program wells will occur during the first quarter 2007.

2.2.2.2 Detection Monitoring Program

VOCs were not detected above reporting limits in groundwater collected from detection monitoring and background wells during 2006 (Table IV) with the following exception:

- Verification samples (primary, field duplicate, split, and field blank samples) collected from detection monitoring well RD-39A during the fourth quarter 2006 indicated that 2-hexanone (methyl butyl ketone, MBK) was not detectable in groundwater at this well. 2-Hexanone was detected in primary, duplicate, and split samples collected from RD-39A during the third quarter 2006 at 4 J, 3.8 J, and 4.4 µg/l, respectively. Neither a drinking water MCL nor a California NL have been established for 2-hexanone. 2-Hexanone had not been detected previously in RD-39A groundwater and had only been detected twice previously at onsite wells: once at 0.7 µg/l in RD-52B groundwater in 1998 and once at 5.7 µg/l in RD-63 groundwater in 1995.

December 2006 samples collected from detection monitoring well RD-62 did not contain VOCs and indicated that the source of acetone, ethylbenzene, o-xylene, m,p-xylenes, toluene, and 2-butanone (methyl ethyl ketone, MEK) reported in November 2006 samples was Scotchkote electrical cable sealant introduced during October 2006 well maintenance activities. The Material Safety Data Sheet for 3M Scotchkote Brand Electrical Coating listed acetone, 2-butanone, and toluene as chemical components. The RD-62 cable section with the sealant was replaced with heat-shrink splices, the well was purged, and no VOCs were detected in the December verification samples.

Carbon disulfide was detected below the reporting limit in RD-48A groundwater at an estimated concentration of 0.85 µg/l (Table IV). Data validation confirmed this result. Carbon disulfide had been detected once previously in RD-48A groundwater at 0.86 µg/l in November 2001 (Haley & Aldrich, 2002a). The California drinking water NL for carbon disulfide is 160 µg/l. Verification samples are scheduled for RD-48A during the first quarter 2007.

Verification samples collected from detection monitoring wells RD-39A and RD-61 during the third quarter 2006 indicated that TCE is not detectable in groundwater at these wells (Table IV). TCE had been reported below the reporting limit in RD-61 groundwater at an estimated concentration of 0.29 µg/l in a groundwater sample collected in May 2006 (Table IV). When last

sampled in April 2001, TCE had been reported in RD-39A groundwater at 0.5 μg/l (Haley & Aldrich, 2002a).

As part of other monitoring programs, some detection wells were also sampled for fuel hydrocarbons, SVOCs, perchlorate, constituents of concern, and inorganic constituents (Tables V, VII, VIII, XII, and XIII). Results of analyses for fuel hydrocarbons in groundwater from detection monitoring well RD-32 are discussed in section 2.2.2.1. SVOCs, perchlorate, and constituents of concern were not detected in any samples from detection monitoring wells except for ammonia as nitrogen, and fluoride in RD-51C groundwater as discussed in section 2.2.2.4. Inorganic results are discussed in section 2.2.4.4.

Chatsworth Formation detection monitoring and background wells are monitored quarterly for VOCs and every five years for COCs.

2.2.2.3 Evaluation Monitoring Program/Interim Corrective Action Program

During the first quarter 2006, well WS-04A was redesignated from the Detection Monitoring Program to the Evaluation Monitoring Program per the Post-Closure Permits. This redesignation was the result of the confirmed detection of 1,4-dioxane in WS-04A groundwater (Haley & Aldrich, 2006b).

VOC results for Chatsworth Formation evaluation monitoring wells and interim-corrective action wells sampled during 2006 were within historical ranges with the following exceptions (Table IV):

- 1,1,2-Trichloroethane, 1,1-dichloroethane (1,1-DCA), and tetrachloroethene were detected for the first time in groundwater collected from interim corrective action well WS-09 during the fourth quarter at 0.44 J, 0.63 J, and 1.4 μg/l, respectively. The MCLs for 1,1,2-trichloroethane, 1,1-DCA, and tetrachloroethene are each 5 μg/l.

- 1,1-Dichloroethene (1,1-DCE) was detected for the first time in the duplicate sample collected from interim corrective action well RD-04 during the third quarter at 1.4 μg/l. 1,1-DCE is a degradation product of TCE, which was detected at 2,900 μg/l in this sample. TCE concentrations in RD-04 groundwater increased from 68 μg/l in the first quarter 2005 to 3,700 μg/l in the third quarter 2006. These TCE values were still within the historical range for this well. The MCL for 1,1-DCE is 6 μg/l.

- 1,4-Dioxane was detected above the NL for the first time in WS-09 groundwater at 10 μg/l during the second quarter 2006. This analyte was also detected above the NL in subsequent quarters in 2006 at concentrations ranging up to an estimated 18 μg/l. 1,4-Dioxane had previously been detected at this well at concentrations ranging up to 2.1 μg/l. The NL for 1,4-dioxane is 3 μg/l.

- Toluene was detected for the first time in groundwater collected from evaluation monitoring well RD-58B during the third quarter 2006 at

3.2 μg/l. Toluene was not detected above the 0.36 μg/l MDL in the fourth quarter sample for this well. An earlier detection of toluene in the second quarter 2006 was identified by the laboratory as a carry-over contaminant. The MCL for toluene is 150 μg/l.

- TCE was detected at 11 μg/l in groundwater collected from evaluation monitoring well RD-51B during the third quarter 2006, and at 27,000 μg/l in WS-09 groundwater during the second quarter 2006. These concentrations exceeded the previous maximum concentrations of 7.7 μg/l detected in August 2005 for RD-51B, and 19,000 μg/l detected in 1986 for WS-09 (Haley & Aldrich, 2006a; GWRC, 2000). The MCL for TCE is 5 μg/l.

Verification samples collected from interim corrective action well RD-09 during the second quarter 2006 confirmed the detection of 1,4-dioxane at concentrations ranging up to an estimated 1.9 μg/l (Table IV). 1,4-Dioxane was first detected in RD-09 groundwater at 2.2 μg/l in a sample collected during the third quarter 2005 (Haley & Aldrich, 2006a). The California drinking water NL for 1,4-dioxane is 3 μg/l.

Verification samples collected from evaluation monitoring well HAR-23 during the first quarter 2006 confirmed the presence of NDMA in groundwater at this well at concentrations ranging up to 0.056 μg/l (Table XII). The results exceed the 0.01 μg/l California drinking water NL for NDMA and were comparable to the NDMA concentration in a sample collected from HAR-23 during the third quarter 2005 (Haley & Aldrich, 2006a).

Follow-up samples collected from evaluation monitoring well RD-58A and interim corrective action well HAR-18 during 2006 indicated that trichlorofluoromethane was not detectable in groundwater from these wells (Table IV). Trichlorofluoromethane was detected in HAR-18 groundwater at an estimated concentration of 0.51 μg/l in a sample collected during the third quarter 2005 (Haley & Aldrich, 2006a) and in RD-58A during the third quarter 2006 at an estimated 0.37 μg/l. The MCL for trichlorofluoromethane is 150 μg/l.

2-Butanone and toluene were not detected in the December sample collected from interim corrective action well HAR-18. The source of these analytes in the November 2006 sample was Scotchkote electrical cable sealant introduced during October 2006 well maintenance activities. The Material Safety Data Sheet for 3M Scotchkote Brand Electrical Coating listed acetone, 2-butanone, and toluene as chemical components. Prior to December sampling, the HAR-18 cable section with the sealant was replaced with heat-shrink splices and the well was purged.

Semiannual VOC sampling of Chatsworth Formation evaluation monitoring wells and interim corrective action wells is conducted during the first and third quarters of the calendar year. Chatsworth Formation evaluation monitoring wells are monitored every five years for COCs.

2.2.2.4 Chatsworth Formation Operable Unit Constituents of Concern Analyses

As part of the ongoing CFOU investigation, quarterly sampling for constituents of concern is conducted at 26 wells located in seven areas: Canyon, Bowl, Alfa, Bravo, ELV/B204, Delta, and STL-IV (Figures 2 and 41). WS-09A was added to the CFOU monitoring schedule during the third quarter 2006.

During 2006, all but one of the 26 CFOU wells were sampled for COCs (Table XII). RD-51A contained insufficient water for sampling during the year.

Where detected in wells in the CFOU investigation, fluoride concentrations in groundwater were below the drinking water primary MCL of 2.0 mg/l. Where formaldehyde was detected, concentrations were below the California drinking water NL of 100 µg/l. Where nitrate was detected, concentrations were below the California drinking water MCL of 45 mg/l. Ammonia was not detected above the reporting limit in any sample.

NDMA concentrations were within historical ranges in groundwater collected from CFOU wells during 2006. NDMA concentrations equaled or exceeded the California drinking water NL of 0.01 µg/l in groundwater collected from wells RD-01, RD-49B, RD-49C, HAR-07, HAR-08, HAR-18, and HAR-20.

VOC concentrations, including 1,4-dioxane, were within historical ranges in groundwater collected from the CFOU wells during 2006 (Table IV) with the following exceptions:

- As discussed in section 2.2.2.3, 1,1,2-trichloroethane, 1,1-DCA, and tetrachloroethene were detected for the first time in groundwater collected from well WS-09 during the fourth quarter at 0.44 J, 0.63 J, and 1.4 µg/l, respectively. The MCLs for 1,1,2-trichloroethane, 1,1-DCA, and tetrachloroethene are each 5 µg/l.

- 1,1-DCA was detected for the first time in groundwater collected from wells RD-49C and HAR-20 during the second quarter at estimated concentrations of 0.68 and 0.85 µg/l, respectively. 1,1-DCA was not detected above the 0.27 µg/l MDL in samples collected from each well during the third and fourth quarters 2006. The MCL for 1,1-DCA is 5 µg/l.

- As previously discussed in section 2.2.2.3, 1,1-DCE was detected for the first time in groundwater collected from well RD-04 during the third quarter at 1.4 µg/l. The MCL for 1,1-DCE is 6 µg/l. 1,1-DCE is a degradation product of TCE, which was detected at 2,900 µg/l in this sample.

- 1,1-DCE was detected for the first time in groundwater collected from well HAR-20 during the fourth quarter at an estimated concentration of 0.53 µg/l. The MCL for 1,1-DCE is 6 µg/l. 1,1-DCE is a degradation product of TCE, which was detected at an estimated concentration of 300 µg/l in this sample. TCE concentrations in

HAR-20 groundwater increased from 16 μg/l in the second quarter 2005 to 300 μg/l in the fourth quarter 2006. These TCE values were still within the historical range for this well.

- 1,2-Dichloropropane was detected for the first time in groundwater collected from well RD-49B during the fourth quarter 2006 at an estimated concentration of 1.2 μg/l. The MCL for 1,2-dichloropropane is 5 μg/l.

- As discussed in Section 2.2.2.3, 1,4-dioxane was detected above the NL for the first time in WS-09 groundwater collected during the second quarter at 10 μg/l. All subsequent WS-09 1,4-dioxane samples were detected above the NL at concentrations ranging up to an estimated 18 μg/l. 1,4-Dioxane had previously been detected at this well at concentrations ranging up to 2.1 μg/l. The NL for 1,4-dioxane is 3 μg/l.

- Toluene was detected in groundwater collected from wells RD-49A and RD-58B during the third quarter at concentrations of 14 and 3.2 μg/l, respectively. Toluene had previously been detected in RD-49A at 2.7 μg/l in May 1998 and was subsequently detected in groundwater collected during the fourth quarter 2006 at an estimated concentration of 4.2 μg/l. Toluene had not previously been detected in RD-58B and was not detected above the 0.36 μg/l MDL in the sample collected during the fourth quarter 2006. The MCL for toluene is 150 μg/l.

- Vinyl chloride was detected for the first time in groundwater collected during the third quarter from well RD-49A at 2.6 μg/l. In the fourth quarter 2006 groundwater sample collected from RD-49A, vinyl chloride was not detected above the 3 μg/l MDL. The MCL for vinyl chloride is 0.5 μg/l. Vinyl chloride is a degradation product of TCE, which was detected at 1,100 μg/l in the third quarter sample.

Verification samples collected from well HAR-08 during the first quarter 2006 confirmed the detection of 1,4-dioxane at concentrations ranging up to an estimated 1.7 μg/l. 1,4-Dioxane was detected for the first time in groundwater collected from well HAR-08 at an estimated concentration of 1.1 μg/l in December 2005 (Haley & Aldrich, 2006a). 1,4-Dioxane was also detected in HAR-08 samples collected during the second and third quarters at estimated concentrations of 1.5 and 1.1 μg/l, respectively. The California drinking water NL for 1,4-dioxane is 3 μg/l.

1,4-Dioxane was detected in first and second quarter 2006 groundwater samples collected from HAR-07 at estimated concentrations of 1.2 and 0.71 μg/l, respectively. 1,4-Dioxane had been detected once previously, in 2005 at 1.3 μg/l (Haley & Aldrich, 2006a). The California drinking water NL for 1,4-dioxane is 3 μg/l.

As discussed in section 2.2.2.3, follow-up samples collected from wells RD-58A and HAR-18 during 2006 indicated that trichlorofluoromethane was not detectable in groundwater at these wells. Trichlorofluoromethane was

detected for the first time in groundwater collected from HAR-18 at an estimated concentration of 0.51 µg/l in August 2005 (Haley & Aldrich, 2006a) and from RD-58A at an estimated 0.37 µg/l in August 2006. The California drinking water primary MCL for trichlorofluoromethane is 150 µg/l.

Duplicate samples collected from RD-10 during the third quarter 2006 indicated that butyl benzyl phthalate and bis(2-ethylhexyl) phthalate were not detectable in groundwater at this well (Table VII). These SVOCs had been reported in RD-10 samples collected during May 2006.

2.2.2.5 Monitoring of Perimeter Wells and Private Off-Site Wells and Springs

Perchlorate was not detected in perimeter and off-site wells sampled during the year (Table VIII). NDMA was not detected in samples collected from private off-site well OS-28 during the third quarter 2006 (Table XII).

Analytical results indicated that VOCs were not detected above the reporting limits in groundwater samples collected from perimeter wells and private off-site wells during the year (Table IV) with the following exceptions:

- Carbon disulfide was detected above the reporting limit (RL) in the split sample collected from perimeter well RD-18 during the first quarter 2006 at a concentration of 7.1 µg/l. The California drinking water NL for carbon disulfide is 160 µg/l. This analyte was not detected above the 0.48 µg/l MDL in the primary and duplicate samples during the first quarter 2006 or in subsequent quarterly samples. Carbon disulfide was detected only once before in RD-18 groundwater, in 1989 at a concentration of 4 µg/l (GWRC, 2000).

- TCE was detected for the first time in the primary groundwater sample collected from perimeter well RD-19 during the third quarter 2006 at a concentration of 5.1 µg/l. TCE was not detected in the RD-19 duplicate sample above the 0.26 µg/l method detection limit or in any other 2006 samples. The MCL for TCE is 5 µg/l. RD-19 is next scheduled for VOC monitoring during the first quarter 2007.

- Toluene was detected above the reporting limit in groundwater collected from the FLUTe system installed in perimeter well RD-50 at concentrations of 8.6 and 13 µg/l. Groundwater samples collected from RD-50 prior to FLUTe installation using the procedures described in the Sampling and Analysis Plan did not have detectable concentrations of this compound (GWRC, 2000; Haley & Aldrich, 2001, 2002a, 2003a). The toluene reported in RD-50 groundwater samples may be a contaminant introduced by FLUTe system components. Based on communication with FLUTe system designer Carl Keller, concentrations of toluene have been observed in groundwater samples collected with FLUTe systems at other sites and may be attributed to equipment components (Keller, personal communication, 2003). The MCL for toluene is 150 µg/l.

TCE was detected for the first time in groundwater collected from the perimeter monitoring well RD-39B during the fourth quarter 2006 below the reporting limit at an estimated concentration of 0.33 µg/l. The MCL for TCE is 5 µg/l. Verification sampling (primary, field duplicate, split, and field blank samples) will be scheduled during the first quarter 2007 to confirm the presence of TCE in this well.

Perchlorate and inorganic samples were collected by MWH in July 2006 from the Westbay system installed in off-site well OS-09R (Tables VIII and XIII). Perchlorate was not detected and inorganic results were below drinking water MCLs.

Perchlorate, stable isotope, and inorganic results for perimeter and private off-site wells included in the Perchlorate Characterization Work Plan are discussed in Section 2.2.4.

Results of dissolved trace metals and cyanide samples collected during 2006 from perimeter wells were within historical ranges (Table VI) with the following exception:

- Cadmium was detected for the first time in groundwater collected from perimeter well RD-33B during the first quarter 2006 at an estimated concentration of 0.000045 mg/l. This concentration was below cadmium's 0.005 mg/l MCL.

2.2.2.6 Point of Compliance Program

During 2006, Chatsworth Formation point of compliance wells HAR-07, HAR-16, and HAR-17 were monitored for Appendix IX constituents. Results of the monitoring are reported in Section 2.2.3.

2.2.2.7 Chatsworth Formation Radiochemistry Analyses

During the year, Chatsworth Formation groundwater samples were collected from selected wells for the analysis of gross alpha and gross beta, gamma-emitting radionuclides, Ra-226, Ra-228, tritium, isotopic thorium, and isotopic uranium using EPA Methods 900.0, 901.1, 903.1, 904.0, 906.0, 907.0, and 908.0, respectively (Tables IX and X). Samples were also collected for the analysis of additional radionuclides per EPA drinking water regulations (Federal Register, 2000):

- In the event gross alpha activity exceeded 15 pCi/l, groundwater samples were analyzed for isotopic uranium using EPA Method 908.0.

- In the event gross beta activity exceeded 50 pCi/l, groundwater samples were analyzed for K-40 and Sr-90 using EPA Methods 901.1 and 905.0, respectively.

DHS representatives collected radiochemistry samples from wells RD-96 and RD-97 during 2006. Laboratory results from DHS were not provided.

As discussed below, results of radiological analyses of Chatsworth Formation groundwater samples collected during 2006 were generally consistent with historical data (Appendix E).

Per DHS's request, unfiltered samples were collected at wells RD-96 and RD-97 in addition to the filtered samples specified by the SAP for all radionuclides analyzed except tritium (GWRC, 1995a, 1995b). Tritium samples are collected unfiltered per the SAP.

As discussed in Appendix D, project specific MDAs were not always attained due in part to matrix conditions (e.g., dissolved and suspended solids) and limitations in the prescribed analytical methods (e.g., sample volumes, counting times).

Groundwater sampling results from Facility wells are compared to drinking water MCLs for discussion purposes only. Groundwater at SSFL is not used as a drinking water supply.

Gross Alpha Activity

None of the gross alpha activity results exceeded the drinking water MCL of 15 pCi/l with the following exceptions:

- The RD-07 gross alpha activities sampled during the first and third quarters were 22.8 $\pm$ 6.5 pCi/l and 36.3 $\pm$ 8.4 pCi/l, respectively (Table IX). These activities are within the historical gross alpha range for RD-07 groundwater (Appendix E). The gross alpha activities are indicated to be due to naturally occurring uranium (Table X; Appendix E).

According to EPA drinking water regulations, the gross alpha MCL includes radium-226 but excludes radon and uranium activity (Federal Register, 2000).

Gross Beta Activity

None of the gross beta results exceeded the drinking water MCL of 50 pCi/l (Table IX).

Gamma Emitters

Anthropogenic gamma emitters (cesium-134, cesium-137, cobalt-57, cobalt-60, europium-152, europium-154, manganese-54, and sodium-22) were not detected in any Chatsworth Formation groundwater sample during the year (Table X).

Tritium Activity

The results of analyses for tritium in Chatsworth Formation groundwater samples collected during the year were less than the drinking water MCL of 20,000 pCi/l and were comparable to past results (Table IX; Appendix E).

Wells RD-96 and RD-97 were constructed during the second quarter 2006 as part of the tritium investigation. Tritium was not detected in groundwater samples collected from these wells. Further investigation of the source and extent of tritium in groundwater is planned during 2007.

DHS representatives collected radiochemistry samples from wells RD-96 and RD-97 during the second quarter 2006. Laboratory results for the DHS samples were not available for comparison.

Radium-226 and Radium-228

The sum of Ra-226 and Ra-228 activities for each Chatsworth Formation sample was below the drinking water MCL of 5 pCi/l for Ra-226/228 combined with the following exceptions (Table IX):

- At 6.02 pCi/l, the sum of Ra-226 and Ra-228 in RD-63 groundwater exceeded the MCL for the first time during the first quarter 2006. At 5.88 pCi/l, the sum of Ra-226 and Ra-228 in the RD-63 groundwater split sample also exceeded the MCL during the third quarter. The sum of Ra-226 and Ra-228 was below the MCL of 5 pCi/l in the RD-63 primary sample at 4.16 pCi/l during the third quarter. Isotopic thorium analyses were not performed on these samples.

- At 5.12 pCi/l, the sum of Ra-226 and Ra-228 in the primary RD-54B sample exceeded the MCL during the third quarter. The sum of Ra-226 and Ra-228 in RD-54B groundwater was comparable to historical results (Appendix E). Isotopic thorium analysis was not performed on this sample.

- At 8.62 pCi/l, the sum of Ra-226 and Ra-228 in the unfiltered RD-97 groundwater sample exceeded the MCL. Unfiltered Ra-226 and Ra-228 activity was about twice the isotopic radium activities in the filtered samples. Isotopic thorium analysis was not performed on either filtered or unfiltered samples.

Isotopic Thorium

Thorium isotopes were not detected in groundwater samples collected during the year (Table X).

Isotopic Uranium

Results of 2006 and historical isotopic uranium analyses indicate that naturally-occurring uranium isotopes are detectable in groundwater samples collected from the SSFL Facility (Table X, Appendix E). Naturally occurring uranium (non-enriched and non-processed) with a mass enrichment of 0.7% has U-234:U-238 and U-235:U-238 activity ratios of 1.03 and 0.045, respectively (Rutherford, 2006). 2006 samples had the following ratios:

Well	Quarter	U-233/234:U-238 ratio	U-235:U-238 ratio
Filtered Samples			
RD-07	1	1.27 +/- 0.11	0.054 +/- 0.0077
RD-07	3	1.26 +/- 0.10	0.081 +/- 0.0087
RD-15	1	1.15 +/- 0.17	0.028 +/- 0.019
RD-15 (split)	1	1.28 +/- 0.12	0.070 +/- 0.076
RD-21	1	1.15 +/- 0.13	0.049 +/- 0.014
RD-21	3	1.05 +/- 0.10	0.046 +/- 0.0098
RD-29	1	1.06 +/- 0.11	0.049 +/- 0.012
RD-29	3	1.05 +/- 0.11	0.050 +/- 0.012
RD-34A	1	0.980 +/- 0.089	0.046 +/- 0.0088
RD-34A	4	0.982 +/- 0.065	0.056 +/- 0.0089
RD-34B	1	0.979 +/- 0.24	0.050 +/- 0.050
RD-54A	1	1.12 +/- 0.11	0.048 +/- 0.010
RD-64	1	1.30 +/- 0.16	0.054 +/- 0.021
RD-64	3	1.28 +/- 0.15	0.053 +/- 0.019
Unfiltered Samples			
RD-96	2	1.03 +/- 0.11	0.059 +/- 0.013
RD-97	2	1.13 +/- 0.11	0.068 +/- 0.014

Filtered vs. Unfiltered Comparison

Unfiltered samples from RD-96 and RD-97 collected during the second quarter 2006 were turbid (73.5 Nephelometric turbidity units (NTUs) and 243 NTUs, respectively) compared to the filtered samples. When there is such difference in turbidity and suspended solids, a difference in radioisotope concentrations may occur. This is because the unfiltered analysis is of water plus suspended sediment.

2.2.2.8 Other Monitoring

Some Facility wells sampled during the year were not perimeter wells, were not part of the perchlorate characterization or the CFOU investigation, nor the LUFT, detection monitoring, evaluation monitoring, interim corrective action, or point of compliance programs. These wells are not included in any prescribed schedule (as presented in the Appendix B, Table B-I).

VOC samples were collected from Chatsworth Formation wells in support of the Vapor Migration Study. In support of the RFI program, groundwater samples were collected from Chatsworth Formation wells as part of the data gap investigation for RFI Groups 1A, 2, 3, 4, and 6. TCP samples were collected from Chatsworth Formation wells in support of the 1,2,3-Trichloropropane Supplemental Groundwater Monitoring Plan.

A seeps and springs (collectively referred to here as seeps) study was initiated in the Fall of 2006 as part of the CFOU site conceptual model validation work. Between August 21 and December 8, 2006, water samples were collected from approximately 40 seeps within and around SSFL and submitted to several laboratories for a variety of analyses including VOCs, perchlorate, carbon isotopes, and general water quality parameters (major cations and anions). It is anticipated that the results of this study will help to further develop the understanding of the groundwater flow system beneath SSFL. The details of this study will be presented in a separate report in 2007.

All VOC and trace metal results were within historical ranges (Tables IV and VI) with the following exceptions:

- Carbon disulfide was detected in two of four samples collected during 2006 from RD-34A at 2.7 J and 3.5 μg/l (Table IV). The California drinking water NL for carbon disulfide is 160 μg/l. Carbon disulfide had been detected in 2 of 28 prior samples at concentrations of 0.47 and an estimated 0.59 μg/l (Haley & Aldrich, 2002a, 2004). RD-34A is next scheduled for VOC sampling during the first quarter 2007.

- Toluene and benzene were reported above the reporting limit in samples collected from FLUTe systems installed in wells RD-21 and RD-33A during 2006 (Table IV). These results are not consistent with groundwater samples collected from these wells prior to FLUTe installation using sampling equipment and procedures described in the Sampling and Analysis Plan (GWRC, 1995a, 1995b). Low-level concentrations of toluene and benzene have been observed in groundwater samples collected with FLUTe systems at other sites and may be attributed to equipment components (Keller, personal communication, 2003).

- Antimony was detected for the first time in groundwater collected from well RD-54C during the third quarter 2006 at an estimated concentration of 0.00009 mg/l (Table VI). The MCL for antimony is 0.006 mg/l. RD-54C is next scheduled for sampling for trace metals during the first quarter 2007.

Samples collected from wells HAR-21 and RD-34A indicated that the source of acetone and toluene reported in 2006 samples was Scotchkote electrical cable sealant introduced during October 2006 well maintenance activities. The Material Safety Data Sheet for 3M Scotchkote Brand Electrical Coating listed acetone, 2-butanone, and toluene as chemical components. Prior to December sampling, HAR-21 and RD-34A cable sections with the sealant were replaced with heat-shrink splices and the wells were purged. In the December HAR-21 sample, acetone was detected for the first time at an estimated 5 μg/l and toluene was detected at 7.1 μg/l. Toluene had not been detected at HAR-21 since 1987 when it appeared as a possible drilling artifact at 530 μg/l (July 1987) and 4 μg/l (December 1987). HAR-21 had not been sampled in November 2006. In the December RD-34A sample, toluene had decreased from November's 27 μg/l to 2.4 μg/l. Toluene had not been detected in previous samples collected from RD-34A. The MCL for toluene is 150 μg/l. Neither a drinking water MCL nor a California NL have been established for acetone.

Vapor Migration Study

Chatsworth Formation wells RD-05A, RD-46A, RD-72, RD-92, and HAR-07 were sampled during the third quarter 2006 as part of the Vapor Migration Study for VOCs (Table IV). As discussed in sections 2.2.2.3 and 2.2.2.4, results for RD-05A, RD-46A, and HAR-07 were within historical ranges.

VOCs for RD-72 and RD-92 were also within historical ranges (Haley & Aldrich, 2006a).

RFI Data Gap

Chatsworth Formation wells RD-01, RD-09, RD-10, RD-14, RD-35A, RD-41A, RD-42, RD-45B, RD-49A, RD-49B, RD-51B, RD-56A, RD-60, RD-72, RD-73, RD-75, RD-77, RD-78, RD-80, RD-81, RD-82, RD-83, RD-92, HAR-06, HAR-07, HAR-16, HAR-19, HAR-21, HAR-24, and HAR-25 were sampled and analyzed for select constituents during 2006. This was performed as part of the RFI data gap investigation for Groups 1A, 2, 3, and 4. Monitoring was conducted at RD-15 and RD-86 to augment the existing VOC and metals data sets for RFI Group 6. Results are summarized in Tables IV, V, VI, VII, VIII, XII, XIII, and XV. Individual constituents analyzed included VOCs, EFHs, metals, hexavalent chromium, SVOCs, perchlorate, fluoride, formaldehyde, sulfate, NDMA, PCBs, and dioxins.

EFHs, SVOCs, perchlorate, formaldehyde, NDMA, and PCBs were not detected in RFI samples (Tables V, VII, VIII, XII, and XV). Wells sampled for these constituents are listed at the end of this section.

Concentrations of metals and inorganics were below MCLs and NLs (Tables VI and XIII) with the following exceptions:

- Manganese was detected in the third quarter RD-41A groundwater sample and the second quarter HAR-21 groundwater sample at 0.54 J and 0.56 mg/l, respectively. Manganese was previously detected in RD-41A groundwater in April 1993 at 0.1 mg/l (GWRC, 2000). The fourth quarter RD-41A groundwater sample was detected below the NL at an estimated concentration of 0.042 mg/l. This analyte had not been analyzed previously in HAR-21 groundwater samples. The NL for manganese is 0.5 mg/l.

VOCs were not detected in groundwater collected from RD-86 during the fourth quarter 2006 except for 0.66 J μg/l of toluene laboratory contamination (Table IV).

Groundwater samples collected from wells RD-14, RD-45B, RD-83, HAR-19, and HAR-24 were analyzed for dioxins and furans. RD-83 and HAR-24 samples were field filtered for dioxins using a 0.45-micron filter and analyzed. Dioxins were not detected in RD-14, RD-45B, RD-83, and HAR-24 groundwater (Table XV). Data validation indicated that OCDD was detected at an estimated 6.58 pg/l in HAR-19 groundwater. The presence of dioxin congeners in historical samples has been attributed to the suspended sediment in the water samples (GWRC, 2000; Haley & Aldrich, 2006a). Dioxins are naturally occurring in soil (ATSDR, 1998) and have also been detected in samples of shale units collected from SSFL corehole C-5 in January 2001 from a depth of 92 feet below the surface at concentrations greater than surface soil ambient background concentrations (Sullivan, personal communication, 2005, 2006). The presence of hepta-chlorinated and octa-chlorinated congeners is consistent with the pattern of naturally occurring congeners.

Neither a drinking water MCL nor a California NL have been established for OCDD. When converted to 2,3,7,8-TCDD TEQ, the concentrations of detected congeners in the HAR-19 sample were less than the drinking water MCL of 30 pg/l for 2,3,7,8-TCDD:

TEQ Reference	2,3,7,8-TCDD TEQ (pg/l)
	HAR-19
van den Berg et al., 2006	0.00197 J

Wells sampled during 2006 for EFHs, SVOCs, perchlorate, formaldehyde, NDMA, and PCBs are listed below. As stated earlier, these constituents were not detected.

Analysis	Wells
EFHs	RD-45B, RD-51B, RD-80, RD-81, RD-82, RD-83, HAR-16, HAR-24
SVOCs	RD-77, RD-86, HAR-25
Perchlorate	RD-86
Formaldehyde	HAR-16, HAR-24
NDMA	RD-77, RD-86, HAR-25
PCBs	RD-14, RD-35A, RD-45B, RD-73, RD-77, HAR-19, HAR-24, HAR-25

TCP Monitoring

Results of TCP analyses for Chatsworth Formation wells monitored per the TCP Supplemental Groundwater Monitoring Plan (Haley & Aldrich, 2005b) are presented in Table XIV.

2.2.3 Appendix IX Sampling

During 2006, the seven point of compliance wells (shallow wells SH-04, RS-08, HAR-14, and HAR-15; and Chatsworth Formation wells HAR-07, HAR-16, and HAR-17) were monitored for Appendix IX constituents (Figure 38).

2.2.3.1 Data Validation

Results of 2006 analyses were subjected to a data validation process in accordance with guidance from the "USEPA Contract Laboratory Program National Functional Guidelines for Organic Data Review" (EPA540/R-99-008, October 1999), "USEPA Contract Laboratory Program National Functional Guidelines for Inorganic Data Review" (EPA540-R-04-004, October 2004), and the EPA method-specific protocol criteria, where applicable. A summary of the data validation process is included in Appendix D.

2.2.3.2 Analytical Results

Appendix IX analytical results are presented in Table XI and on Figures 39 and 40. All Appendix IX analytical results for point of compliance wells were within historical ranges with the exception noted below.

- Sulfide was detected for the first time in SH-04 groundwater at an estimated concentration of 0.035 mg/l. Neither a drinking water MCL nor a California NL have been established for sulfide.

Primary, field duplicate, and split samples collected from well RS-08 during the third quarter 2006 indicated that SVOCs butyl benzyl phthalate and di-n-octyl phthalate were not detectable in groundwater at this well (Table VII). Butyl benzyl phthalate and di-n-octyl phthalate had been reported as detects in the second quarter sample collected from RS-08 at estimated concentrations of 0.37 and 0.36 μg/l, respectively. Neither a drinking water MCL nor a California NL have been established for either phthalate.

Primary, field duplicate, and split samples collected from well HAR-17 during the third quarter 2006 indicated that diethyl phthalate was not detectable in groundwater at this well (Table VII). Diethyl phthalate had been reported as a detect in the second quarter sample collected from HAR-17 at an estimated concentration of 0.26 μg/l. Neither a drinking water MCL nor a California NL have been established for diethyl phthalate.

Verification samples (primary, field duplicate, split, and field blank samples) collected from point of compliance well HAR-15 during the third quarter indicated that 1,4-dioxane was not detectable in groundwater at this well (Table III). 1,4-Dioxane had been detected for the first time in HAR-15 groundwater during the second quarter at an estimated concentration of 0.53 μg/l. The California NL for 1,4-dioxane is 3 μg/l.

Primary, field duplicate, and field blank samples collected from point of compliance well HAR-15 and HAR-17 during the third quarter 2006 indicated that TCP was not detectable in groundwater at these wells (Table XIV). TCP had been detected for the first time in groundwater collected from wells HAR-15 and HAR-17 during the second quarter at estimated concentrations of 0.0025 and 0.002 μg/l, respectively. The California NL for TCP is 0.005 μg/l.

1,4-Dioxane was detected in first and second quarter groundwater samples collected from HAR-07 at estimated concentrations of 1.2 and 0.71 μg/l, respectively (Table IV). 1,4-Dioxane had been detected once previously in 2005 at 1.3 μg/l (Haley & Aldrich, 2006a). The California NL for 1,4-dioxane is 3 μg/l.

OCDD was detected in groundwater samples collected from wells SH-04, RS-08, and HAR-15 at concentrations of 43.1 (estimated), 11.8 (estimated), and 23 pg/l, respectively. 1,2,3,4,6,7,8-HpCDD and 2,3,7,8-tetrachlorodibenzofuran (2,3,7,8-TCDF) were also detected in HAR-15 groundwater at estimated concentrations of 19.0 and 7.24 pg/l, respectively. Data validation confirmed the presence of 1,2,3,4,6,7,8-HpCDD; 2,3,7,8-TCDF; and OCDD (Table XV). Groundwater samples were field filtered for dioxins using a 0.45-micron filter. The presence of dioxin congeners in historical samples has been attributed to the high suspended sediment concentration in the water samples (GWRC, 2000; Haley & Aldrich, 2006a). Dioxins are naturally occurring in soil (ATSDR, 1998) and have also been detected in samples of shale units collected from SSFL corehole C-5 in

January 2001 from a depth of 92 feet below the surface at concentrations greater than surface soil ambient background concentrations (Sullivan, personal communication, 2005, 2006). The presence of hepta-chlorinated and octa-chlorinated congeners is consistent with the pattern of naturally occurring congeners.

Neither drinking water MCLs nor California NLs have been established for 1,2,3,4,6,7,8-HpCDD, 2,3,7,8-TCDF, or OCDD. Concentrations of detected congeners converted to 2,3,7,8-TCDD TEQs were less than the drinking water MCL of 30 pg/l for 2,3,7,8-TCDD:

TEQ Reference	2,3,7,8-TCDD TEQ (pg/l)		
	SH-04	RS-08	HAR-15
van den Berg et al., 2006	0.0129 J	0.00354 J	1.04

Per the Post-Closure Permits, the point of compliance wells are monitored annually for Appendix IX constituents and semiannually for VOCs. Point of compliance wells are next scheduled for monitoring during the second quarter 2007 for Appendix IX constituents.

2.2.4 Perchlorate Characterization Sampling

Sampling for perchlorate in Facility groundwater has been conducted since 1997. Characterization and remediation activities were conducted in Happy Valley in Area I, and investigation of perchlorate was conducted in drainages north and east of the Facility (Figure 41; MWH, 2003a, 2003b, 2003e). As part of the Perchlorate Characterization Work Plan (MWH, 2003d), well OS-09 is monitored quarterly and other wells in the work plan are monitored annually.

Only the results of perchlorate sampling conducted as part of the 2006 Perchlorate Characterization Work Plan and the Happy Valley Interim Measures program are reported herein. Findings related to the comprehensive perchlorate source area investigation are reported in the references cited above.

2.2.4.1 Monitoring

Perchlorate and general mineral constituent samples were collected from select wells, including well OS-09, as described in the Perchlorate Characterization Work Plan (MWH, 2003d). Water samples collected from well OS-09 also were submitted for analysis of the stable isotopes deuterium and oxygen-18 (Tables VIII and XIII). Perchlorate results are summarized in Table VIII and inorganic results are presented in Table XIII.

General mineral constituent analyses included major anions (carbonate, bicarbonate, chloride, and sulfate), major cations (calcium, magnesium, sodium, and potassium), nitrate, specific conductance, total dissolved solids, and pH (Table XIII).

Wells scheduled and sampled for perchlorate characterization during 2006 are listed below.

Perchlorate Characterization Sampling, 2006	
Wells Sampled	RD-32, RD-36A, RD-36B, RD-36C, RD-36D, RD-37, RD-38A, RD-38B, RD-39A, RD-39B, RD-43A, RD-43B, RD-43C, RD-45B, RD-45C, RD-51B, RD-51C, RD-52B, RD-52C, RD-59A, RD-59B, RD-59C, RD-66, RD-68A, RD-68B, RD-70, RD-71, RD-75, RD-77, RD-78, RD-80, RD-81, RD-82, RD-83, RD-84, WS-04A, WS-09B, WS-12, WS-13, WS-14, OS-02, OS-03, OS-04, OS-09, OS-10, OS-16, OS-17, OS-26, OS-27, OS-28
Wells Not Sampled due to Lack of Groundwater	PZ-062, RD-51A, RD-52A, OS-05, OS-25
Wells Not Sampled for Other Reasons	RD-45A (repair needed) RD-76 (repair needed) OS-15 (no access agreement) OS-24 (repair needed)

As part of the Happy Valley Interim Measures project, perchlorate and bromide samples were collected quarterly during 2006 from wells RD-73, RD-77, HAR-24, and HAR-25 (Tables VIII and XIII).

During the third quarter, annual perchlorate and inorganic samples were collected from well OS-09R (Tables VIII and XIII).

2.2.4.2 Perchlorate Results

Perchlorate Characterization Work Plan

Perchlorate was not detected in groundwater samples from Perchlorate Characterization Work Plan wells except from wells RD-77 and RD-84 (Table VIII). Perchlorate concentrations in RD-77 (170 to 340 µg/l) and RD-84 (2.2 J µg/l) were consistent with historical samples collected from these wells (Haley & Aldrich, 2005a, 2006a). RD-77 and RD-84 perchlorate concentrations in past samples have ranged from 270 to 680 µg/l and from 1.9 to 3.1 µg/l, respectively.

Perchlorate was not detected in groundwater collected from any wells located off-site.

Happy Valley Interim Measures

Perchlorate was detected in each of the groundwater samples collected in support of the Happy Valley Interim Measures project: RD-73, RD-77, HAR-24, and HAR-25 (Table VIII). Perchlorate concentrations were within historical ranges as shown below (Haley & Aldrich, 2006a). The California drinking water NL for perchlorate is 6 µg/l (DHS, 2006).

Perchlorate Concentrations (μg/l)		
Well	2006 Concentration Range	Range of Previous Samples
RD-73	63 - 160	4.4 – 244
RD-77	170 - 340	270 – 680
HAR-24	260 - 340	220 – 750
HAR-25	35 - 270	4 U – 480

U = Not detected. Numerical value represents the MDL.

Procedures for perchlorate sampling and analysis include verification procedures such as spiking of samples and reanalysis of samples using liquid chromatography/mass spectrometry/mass spectrometry (LC/MS/MS) methods (e.g., EPA Method 8321). These verification procedures are presented in the Quality Assurance Project Plan (QAPP) for the Perchlorate Characterization Work Plan (MWH, 2003d).

2.2.4.3 Bromide Results

As part of the biotreatment phase of the Happy Valley Interim Measures project initiated on 19 October 2004 (MWH, 2003e), wells RS-02, RD-73, RD-77, HAR-24, and HAR-25 and piezometers PZ-003, PZ-067A, PZ-067B, and PZ-068 were monitored for perchlorate and bromide. During 2006, only wells RD-73, RD-77, HAR-24, and HAR-25 contained sufficient water for sampling (Table XIII). Bromide was detected in wells RD-77 and HAR-24 at concentrations similar to those of previous samples. Bromide concentrations ranged from 1.7 to 2.1 mg/l in RD-73 groundwater during 2006. The previous maximum for bromide in RD-77 was 0.61 mg/l during the fourth quarter 2005 (Haley & Aldrich, 2006a). Across the site, bromide concentrations in samples collected by the University of Waterloo have ranged from 0.05 to 1.1 mg/l (Andrachek, personal communication, 2005).

Bromide Concentrations (mg/l)		
Well/Piezometer	2006 Concentration Range	Range of Previous Samples
RD-73	1.7 – 2.1	0.34 J – 0.61
RD-77	0.35 U – 0.41 J	0.16 U – 0.48 J
HAR-24	0.35 U - 0.69	0.37 J – 0.78
HAR-25	0.35 U	0.25 U – 0.35 U
Site Wide*	---	0.05 – 1.1

* University of Waterloo sample results.
J = Estimated value. Analyte detected at a level less than the reporting limit and greater than or equal to the MDL.
U = Not detected. Numerical value represents the MDL.

2.2.4.4 General Mineral Results

Inorganic constituents in groundwater (Table XIII) did not exceed primary drinking water MCLs.

2.2.4.5 Stable Isotope Results

Results of stable isotope analyses for groundwater samples collected from well OS-09 are presented in Table XIII. The isotopes are naturally occurring and are not indicators of site activities. The ratio of deuterium to hydrogen expressed as the deviation from Vienna Standard Mean Ocean Water (V-

SMOW) ranged from -55.4 to -48.0 parts per thousand (per mil) in OS-09 groundwater. The ratio of oxygen-18 to oxygen-16 expressed as the deviation from V-SMOW ranged from -7.53 to -7.39 per mil in OS-09 groundwater.

2.2.5 Results of Fourth Quarter 2006 Follow-Up Sampling

The table below summarizes fourth quarter 2006 follow-up sampling.

Fourth Quarter 2006 Follow-Up Sampling

Well Identifier	Monitoring Program	Constituent(s)	Concentration (µg/l, unless otherwise noted)			
			Primary	Duplicate	Split	Field Blank
RD-32	LUFT	GRO	30 U	36 U	26 U	32 J
RD-36C	LUFT	GRO	39 J,W	NA	NA	NA
		TCE	1.6	56	50	NA
RD-36D	LUFT	GRO	25 U	NA	NA	NA
		TCE	0.6 J	NA	NA	0.26 U
RD-38B	LUFT	GRO	25 U	25 U	21 U	25 U
RD-39A	Detection	2-Hexanone	2.6 U	2.6 U	1 U	2.6 U
HAR-18	Interim Corrective Action	Trichlorofluoromethane	3.4 U	NA	NA	NA

J = Estimated value. Numerical value represents the MDL for that compound. Analyte detected at a level less than reporting limit and greater than or equal to the MDL.
U = Not detected.
W = Hydrocarbon result partly due to individual peaks such as trichloroethene in quantitation range.
NA = Sample not collected.

2.2.6 Proposed 2007 Groundwater Monitoring Schedule

The proposed 2007 groundwater monitoring schedule had not been finalized prior the publication of this report and is pending review by DTSC. Boeing submitted permit renewals to DTSC in December 2006. It is anticipated that portions of the Regulated Unit Monitoring Programs (including the Detection Monitoring Program, Evaluation Monitoring Program, Interim Corrective Measures, and Point of Compliance) will differ from the 1995 permits schedule once permit renewals are implemented.

Monitoring planned for the first quarter 2007 groundwater monitoring complies with monitoring requirements specified in the 1995 Post-Closure Permits. The 2006 results indicated that additional sampling be conducted during the first quarter of 2007 to confirm if the following constituents are detectable in groundwater:

Well	Monitoring Program	Constituent	Additional Samples
RD-39B	Perimeter	Trichloroethene	Verification
RD-48A	Background	Carbon disulfide	Verification

Verification = primary, field duplicate, split, and field blank samples.

3. REMEDIAL SYSTEMS

3.1 Remedial Systems Activities

Of the five permitted remedial systems (Alfa, Bravo, Delta, STL-IV, and WS-05 Area), the only permitted remedial systems in operation during year were the air stripping unit (ASU) located at Delta and the WS-05 Area ultra violet (UV)/hydrogen peroxide system (Figure 41). The Area I Road and Canyon air-stripping units and the RD-9 UV/hydrogen peroxide system were placed on "stand-by" status in 2001 as part of a Post-Closure Permit modification granted by DTSC (DTSC, 2001). During the first quarter 2006, the Delta system was activated intermittently to treat batches of groundwater collected from a corehole installation and quarterly groundwater monitoring. The WS-05 Area UV/hydrogen peroxide system was activated intermittently throughout the year to treat batches of groundwater collected during corehole installation and quarterly groundwater monitoring

None of the 20 shallow and 12 Chatsworth Formation extraction wells at the Facility were in operation during 2006 except for Chatsworth Formation well WS-09A which was reactivated during December 2006. In late September 2005, the Topanga Fire damaged the majority of the extraction well pipelines at SSFL. All SSFL groundwater remediation systems except the Delta system were originally shutoff between 2000 and 2003 to support the ongoing CFOU program. The remediation systems and their associated extraction wells are listed in Tables XVI and XVII. Monthly and cumulative extraction volume and VOC mass removal at each permitted system are presented in Appendix G, Figures G-1 to G-7.

Additionally, there are two interim extraction/remediation systems located in Area IV at the Radioactive Materials Handling Facility (RMHF) and FSDF (Figure 41). The Building 59 (B/059) interim extraction system (which was being used as a dewatering system for the building) was taken out of service in 2005 after completion of building demolition (Figure 41). Only the RMHF interim extraction/remediation system was active during 2006. These interim systems treat groundwater with granular activated carbon prior to discharge. The FSDF system also uses ion exchange resin in series to treat perchlorate-impacted groundwater prior to discharge. There are two Chatsworth Formation wells and one shallow well associated with the interim systems. The interim systems and their associated extraction wells are listed in Table XVIII.

All operating remedial systems are monitored monthly by EnviroSolve Corporation, which completes monthly reports listing routine operational data of all systems (EnviroSolve Corporation, 2006a through 2007). These reports include sample analytical data for treatment system influents and effluents. Samples from remedial system influents and effluents are analyzed for VOCs by EPA Method 8260B. Concentrations of TCE and both isomers of 1,2-dichloroethene (the primary VOCs detected from all permitted systems) are summarized for 2006 in Table XIX. During 2006, the influent samples to Delta and the WS-05 Area UV/hydrogen peroxide system were also analyzed for perchlorate by EPA method 314.0, and perchlorate was not detected (Table XIX). Purge water collected during groundwater monitoring that was identified to contain perchlorate was shipped off-site for treatment and disposal.

3.1.1 Permitted Systems

The Delta system and WS-05 Area UV/hydrogen peroxide system were activated intermittently during the year to treat batches of groundwater collected from corehole

installation and from quarterly groundwater monitoring. The Delta system was reactivated during December 2006 when extraction well WS-09A resumed pumping. Total pumpage from all permitted system extraction wells in 2006 was approximately 525 thousand gallons, solely from well WS-09A. The total volume of WS-09A groundwater treated at the Delta system during the year was approximately 525 thousand gallons (EnviroSolve Corporation, 2006a through 2007). The total volume of groundwater (from corehole installation and quarterly groundwater monitoring) treated at the WS-05 Area UV/hydrogen peroxide system during 2006 was approximately 200 thousand gallons (EnviroSolve Corporation, 2006a through 2007). Monthly water levels and flow rates are listed by well in Table XVI. Monthly and cumulative pumpage volumes are listed by well in Table XVII. Operational data for each permitted system during 2006 are presented in monthly reports from EnviroSolve Corporation (2006a through 2007).

Perchlorate was not detected in the influent samples to the Delta or WS-05 Area systems (Table XIX).

TCE was detected in four secondary effluent samples from the Delta system in 2006 at concentrations ranging up to 1.9 µg/l (Table XIX). Cis-1,2-dichloroethene (cis-1,2-DCE) was detected in three secondary effluent samples from the Delta system at concentrations ranging up to 1.3 µg/l. MCLs established by the EPA and the State of California are 5 µg/l for TCE and 6 µg/l for cis-1,2-DCE. All secondary effluent concentrations were either not detected or below the MCLs.

TCE was detected in three of six effluent samples collected at from the WS-05 Area UV/hydrogen peroxide system in 2006 at concentrations of 6.4 µg/l in April (subsequent to sampling, this effluent was retreated prior to discharge as detailed in Haley & Aldrich, 2006c), 1.2 µg/l in May, and 0.63 µg/l in June (Table XIX). TCE was not detected in WS-05 effluent samples collected in February, August, and November. As described in the second quarter groundwater monitoring report (Haley & Aldrich, 2006c), the April effluent was passed through the WS-05 system a second time following adjustments to the system. Cis-1,2-dichloroethene (cis-1,2-DCE) was detected in one of six effluent samples from the WS-05 Area UV/hydrogen peroxide system at a concentration of 1.2 µg/l. Effluent collected in April 2006 also contained 1,4-dichlorobenzene at 0.75 µg/l and 1,1-dichloroethane at 3.2 µg/l. MCLs established by the State of California are 5 µg/l for TCE, 6 µg/l for cis-1,2-DCE, 5 µg/l for 1,4-dichlorobenzene, and 5 µg/l for 1,1-dichloroethane.

3.1.2 Interim Systems

The RMHF extraction/remediation system was the only interim system in operation at the Facility during 2006. The B/059 construction/dewatering system, which includes the B/056 pit, was turned off in March 2005 following B/059 demolition. The FSDF system was shut off in March 2003 to facilitate aquifer testing and to support the ongoing CFOU characterization program (MWH, 2001; DTSC, 2002). The RMHF system was deactivated in September 2006. Since all interim remediation systems have been deactivated, further reporting will therefore be suspended.

The total pumpage from the RMHF interim system during 2006 was about 438 thousand gallons. Monthly and annual pumpage volumes are listed by well in Table XVIII. Operational data for each interim system are presented in monthly reports from EnviroSolve Corporation (2006a through 2007).

VOCs were not detected in effluent samples collected from the RMHF interim system during 2006 (EnviroSolve Corporation, 2006a through 2007).

4. SURFACE WATER DISCHARGE

Surface water discharge is regulated by NPDES permit No. CA-0001309. Discharge limits and results of water quality analyses of surface water samples collected at Outfalls 001 and 002 (Figure 41) during 2006 are presented in Appendix G, Tables G-I through G-VIII.

G:\Projects\26472\Reports\M-478 2006 Annual\2007-0228-HAI-SSFL.M478.text-F.doc

REFERENCES

1. Agency for Toxic Substances and Disease Registry (ATSDR), 1998. "Toxicological Profile for Chlorinated Dibenzo-p-dioxins (CDDs)." U.S. Department of Health and Human Services, Public Health Services, Atlanta, GA. December 1998.

2. Andrachek, Richard G. Personal communication with Laura A. Davis, Haley & Aldrich, Inc. on 21 October 2005.

3. The Boeing Company (Boeing), 2005. Letter from Art Lenox, The Boeing Company, to Gerard Abrams, Department of Toxic Substances Control, re: "Laboratory Analysis of Groundwater Samples for N-nitrosodimethylamine (NDMA) at the Santa Susana Field Laboratory (SSFL)". 1 July 2005.

4. California Department of Health Services (DHS), 2006. "Drinking Water Notification Levels." www.dhs.ca.gov/ps/ddwem/chemicals/AL/notificationlevels.htm, updated 12 May 2006.

5. California Department of Toxic Substances Control (DTSC), 1995. "Hazardous Waste Facility Post-Closure Permit, Regional Permit Numbers PC-94/95-3-02 and PC-94/95-3-03." Permits for Areas I and III, and Area II, effective 11 May 1995.

6. ------, 2001. "Hazardous Waste Facility Post-Closure Permit, Regional Permit Numbers PC-94/95-3-02 and PC-94/95-3-03, Class 1 and Class 2 Permit Modifications." Permits for Areas I and III, and Area II, modified 9 November 2001.

7. ------, 2002. Letter from Gerard Abrams, California DTSC, to Art Lenox, The Boeing Company, re: "Conditional Approval for Workplan for Additional Field Investigations, Former Sodium Disposal Facility (FSDF), Chatsworth Formation Operable Unit, Santa Susana Field Laboratory (SSFL), Ventura County, California." 30 January 2002.

8. EnviroSolve Corporation, Inc., 2006a. "Santa Susana Field Laboratory, Groundwater Treatment System, Monthly Monitoring Report, December 8, 2005 to January 7, 2006."

9. ------, 2006b. "Santa Susana Field Laboratory, Groundwater Treatment System, Monthly Monitoring Report, January 8, 2006 to February 7, 2006."

10. ------, 2006c. "Santa Susana Field Laboratory, Groundwater Treatment System, Monthly Monitoring Report, February 8, 2006 to March 7, 2006."

11. ------, 2006d. "Santa Susana Field Laboratory, Groundwater Treatment System, Monthly Monitoring Report, March 8, 2006 to April 7, 2006."

12. ------, 2006e. "Santa Susana Field Laboratory, Groundwater Treatment System, Monthly Monitoring Report, April 8, 2006 to May 7, 2006."

13. ------, 2006f. "Santa Susana Field Laboratory, Groundwater Treatment System, Monthly Monitoring Report, May 8, 2006 to June 7, 2006."

14. ------, 2006g. "Santa Susana Field Laboratory, Groundwater Treatment System, Monthly Monitoring Report, June 8, 2006 to July 7, 2006."

15. ------, 2006h. "Santa Susana Field Laboratory, Groundwater Treatment System, Monthly Monitoring Report, July 8, 2006 to August 7, 2006."

16. ------, 2006i. "Santa Susana Field Laboratory, Groundwater Treatment System, Monthly Monitoring Report, August 8, 2006 to September 7, 2006."

17. ------, 2006j. "Santa Susana Field Laboratory, Groundwater Treatment System, Monthly Monitoring Report, September 8, 2006 to October 7, 2006."

18. ------, 2006k. "Santa Susana Field Laboratory, Groundwater Treatment System, Monthly Monitoring Report, October 2006."

19. ------, 2006l. "Santa Susana Field Laboratory, Groundwater Treatment System, Monthly Monitoring Report, November 2006."

20. ------, 2007. "Santa Susana Field Laboratory, Groundwater Treatment System, Monthly Monitoring Report, December 2006."

21. Federal Register, 2000. "Environmental Protection Agency, 40 CFR Parts 9, 141, and 142, National Primary Drinking Water Regulations; Radionuclides; Final Rule." Federal Register Volume 65, Number 236, pp 76708 – 76753. 7 December 2000.

22. Groundwater Resources Consultants, Inc., 1995a. "Sampling and Analysis Plan, Hazardous Waste Facility Post-Closure Permit PC-94/95-3-02, Area II, Santa Susana Field Laboratory, Rockwell International Corporation, Rocketdyne Division." 5 June 1995.

23. ------, 1995b. "Sampling and Analysis Plan, Hazardous Waste Facility Post-Closure Permit PC-94/95-3-03, Areas I and III, Santa Susana Field Laboratory, Rockwell International Corporation, Rocketdyne Division." 5 June 1995.

24. ------, 1995c. "Groundwater Monitoring Quality Assurance Project Plan, Santa Susana Field Laboratory." 5 June 1995.

25. ------, 2000. "Annual Groundwater Monitoring Report, Santa Susana Field Laboratory, 1999, Boeing North American, Inc., Rocketdyne Propulsion & Power, Ventura County, California." 28 February 2000.

26. Haley & Aldrich, Inc., 2001. "Report on Annual Groundwater Monitoring, 2000, Santa Susana Field Laboratory, Ventura County, California." 28 February 2001.

27. ------, 2002a. "Report on Annual Groundwater Monitoring, 2001, Santa Susana Field Laboratory, Ventura County, California." 28 February 2002.

28. ------, 2002b. "Report on Appendix IX Groundwater Monitoring, 2001, Santa Susana Field Laboratory, Ventura County, California." 22 March 2002.

29. ------, 2003a. "Report on Annual Groundwater Monitoring, 2002, Santa Susana Field Laboratory, Ventura County, California." 28 February 2003.

30. ------, 2003b. "Addendum to Report on Annual Groundwater Monitoring, 2002, Santa Susana Field Laboratory, Ventura County, California." 4 March 2003.

31. ------, 2004. "Report on Annual Groundwater Monitoring, 2003, Santa Susana Field Laboratory, Ventura County, California." 27 February 2004.

32. ------, 2005a. "Report on Annual Groundwater Monitoring, 2004, Santa Susana Field Laboratory, Ventura County, California." 28 February 2005.

33. ------, 2005b. "1,2,3-Trichloropropane Supplemental Groundwater Monitoring Plan, Santa Susana Field Laboratory, Ventura County, California." 13 July 2005.

34. ------, 2006a. "Report on Annual Groundwater Monitoring, 2005, Santa Susana Field Laboratory, Ventura County, California." 28 February 2006.

35. ------, 2006b. "Report on Quarterly Groundwater Monitoring, First Quarter 2006, January through March 2006, Santa Susana Field Laboratory, Ventura County, California." 31 May 2006.

36. ------, 2006c. "Report on Quarterly Groundwater Monitoring, Second Quarter 2006, April through June 2006, Santa Susana Field Laboratory, Ventura County, California." 31 August 2006.

37. ------, 2006d. "Report on Quarterly Groundwater Monitoring, Third Quarter 2006, July through September 2006, Santa Susana Field Laboratory, Ventura County, California." 30 November 2006.

38. Keller, Carl. Personal communication with Sheldon D. Clark, Haley & Aldrich, Inc. on 24 February 2003.

39. Montgomery Watson, 2000a. "Technical Memorandum, Conceptual Site Model, Movement of TCE in the Chatsworth Formation." April 2000.

40. ------, 2000b. "Work Plan for Additional Field Investigations, Chatsworth Formation Operable Unit, Santa Susana Field Laboratory, Ventura County, California." October 2000.

41. MWH, 2001. "Work Plan for Additional Field Investigations, Former Sodium Disposal Facility (FSDF), Chatsworth Formation Operable Unit, Santa Susana Field Laboratory, Ventura County, California." December 2001.

42. ------, 2002. "Technical Memorandum, Geologic Characterization of the Eastern Portion of the Santa Susana Field Laboratory, Ventura County, California." February 2002.

43. ------, 2003a. "Perchlorate Source Evaluation and Technical Report, Santa Susana Field Laboratory, Ventura County, California." February 2003.

44. ------, 2003b. "Northern Drainage Perchlorate Sampling Results Technical Memorandum, Santa Susana Field Laboratory, Ventura County, California." November 2003.

45. ------, 2003c. "Near-Surface Groundwater Characterization Report, Santa Susana Field Laboratory, Ventura County, California." November 2003.

46. ------, 2003d. "Perchlorate Characterization Work Plan, Revision 1, Santa Susana Field Laboratory, Ventura County, California." December 2003.

47. ------, 2003e. "Work Plan for the Biotreatment of Perchlorate in Soil and Sediment, Happy Valley Interim Measures Project, Santa Susana Field Laboratory, Ventura County, California." December 2003.

48. ------, 2005. "RCRA Facility Investigation Vapor Migration Modeling Validation Study Work Plan, Santa Susana Field Laboratory, Ventura County, California." November 2005.

49. Ogden Environmental and Energy Services Company, Inc., 2000. "RCRA Facility Investigation, Shallow Zone Groundwater Investigation Work Plan, Santa Susana Field Laboratory, Ventura County, California." December 2000.

50. Rutherford, Philip D., 2006. Personal communication with Laura A. Davis, Haley & Aldrich, Inc. on 21 August 2006.

51. Sullivan, Michael, Toxicologist, McDaniel Lambert. Personal communication with Laura A. Davis, Haley & Aldrich, Inc. on 17 August 2005.

52. ------, Personal communication with Laura A. Davis, Haley & Aldrich, Inc. on 18 May 2006.

53. ------, 1999. "USEPA Contract Laboratory Program National Functional Guidelines for Organic Data Review," EPA-540/R-99-008 (PB99-963506). http://www.epa.gov/superfund/programs/clp/download/fgorg.pdf. October 1999.

54. ------, 2004. "USEPA Contract Laboratory Program National Functional Guidelines for Inorganic Data Review." OSWER 9240.1-45. EPA 540-R-04-004. http://www.epa.gov/superfund/programs/clp/download/inorgfg10-08-04.pdf. October 2004.

55. van den Berg, Martin, Linda S. Birnbaum, Michael Denison, Mike De Vito, William Farland, Mark Feeley, Heidelore Fiedler, Helen Hakansson, Annika Hanberg, Laurie Haws, Martin Rose, Stephen Safe, Dieter Schrenk, Chiharu Tohyama, Angelika Tritscher, Jouko Tuomisto, Mats Tysklind, Nigel Walker, and Richard E. Peterson, 2006. "The 2005 World Health Organization Re-evaluation of Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds". July 2006. http://toxsci.oxfordjournals.org/cgi/reprint/kfl055v1?ijkey=pio0gXG6dghrndD&keytype=ref

TABLE I

SUMMARY OF ANNUAL RAINFALL
MEASURED AT THE SANTA SUSANA FIELD LABORATORY, 1960-2006
BOEING SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Water Year Ending in	Precipitation (inches)	Water Year Ending in	Precipitation (inches)
1960	10.52	1984	9.50
1961	6.18	1985	9.64
1962	24.79	1986	23.55
1963	13.74	1987	6.27
1964	9.96	1988	17.75
1965	16.06	1989	9.46
1966	27.18	1990	8.38
1967	23.99	1991	15.10
1968	19.54	1992	32.21
1969	32.11	1993	36.23
1970	11.81	1994	12.52
1971	16.79	1995	29.91
1972	8.68	1996	21.81
1973	20.69	1997	15.44
1974	16.11	1998	41.24
1975	16.58	1999	8.84
1976	10.99	2000	12.07
1977	13.91	2001	17.52
1978	40.06	2002	5.70
1979	22.96	2003	25.20
1980	28.61	2004	15.01
1981	16.25	2005	28.58
1982	12.11	2006	21.97
1983	40.93		

Average Annual Precipitation (1960-2006) = 18.82 Inches

NOTE: Precipitation reported annually for the period of October through September.

TABLE II

SUMMARY OF WATER LEVEL DATA, 2006
BOEING SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well Identifier	Date of Measurement	Reference Point Elevation (feet above MSL)	Depth to Water (feet)	Static Water Level Elevation (feet above MSL)	Notes
Piezometers					
PZ-003	02/03/06	1897.85	Dry	---	
PZ-003	05/09/06	1897.85	Dry	---	
PZ-003	08/01/06	1897.85	Dry	---	
PZ-003	10/24/06	1897.85	Dry	---	
PZ-004B	02/03/06	1715.89	Dry	---	
PZ-016A	10/25/06	1854.34	Dry	---	
PZ-016B	10/25/06	1854.34	UTM	---	
PZ-016C	10/25/06	1854.34	26.30	1828.04	
PZ-016D	10/25/06	1854.34	28.00	1826.34	
PZ-016E	10/25/06	1854.34	46.00	1808.34	
PZ-016F	10/25/06	1854.34	45.95	1808.39	
PZ-016G	10/25/06	1854.34	UTM	---	
PZ-017A	08/04/06	1837.83	15.94	1821.89	
PZ-017A	10/25/06	1837.83	6.81	1831.02	
PZ-020	05/18/06	1776.44	Dry	---	
PZ-020	08/02/06	1776.44	16.12	1760.32	
PZ-035	02/03/06	1712.96	15.05	1697.91	
PZ-045	08/09/06	1828.55	37.69	1790.86	
PZ-045	10/25/06	1828.55	38.95	1789.60	
PZ-046	05/18/06	1826.87	Dry	---	
PZ-046	08/03/06	1826.87	Dry	---	
PZ-046	10/25/06	1826.87	Dry	---	
PZ-047	08/09/06	1835.51	36.91	1798.60	
PZ-047	10/25/06	1835.51	37.88	1797.63	
PZ-048	08/03/06	1847.11	9.13	1837.98	
PZ-048	10/25/06	1847.11	12.55	1834.56	
PZ-062	01/31/06	1716.57	Dry	---	
PZ-062	05/18/06	1716.57	Dry	---	
PZ-062	08/01/06	1716.57	Dry	---	
PZ-062	10/24/06	1716.57	Dry	---	
PZ-065	08/01/06	1904.93	Dry	---	
PZ-067A	02/03/06	1909.66	Dry	---	
PZ-067A	05/09/06	1909.66	Dry	---	
PZ-067A	08/01/06	1909.66	Dry	---	
PZ-067A	10/24/06	1909.66	Dry	---	
PZ-067B	02/03/06	1909.06	Dry	---	
PZ-067B	05/09/06	1909.06	Dry	---	
PZ-067B	08/01/06	1909.06	Dry	---	
PZ-067B	10/24/06	1909.06	Dry	---	
PZ-068	02/03/06	1894.02	Dry	---	
PZ-068	05/09/06	1894.02	Dry	---	
PZ-068	08/01/06	1894.02	Dry	---	
PZ-068	10/24/06	1894.02	Dry	---	
PZ-070	02/01/06	1834.61	Dry	---	
PZ-070	10/25/06	1834.61	Dry	---	
PZ-071	05/18/06	1817.94	11.61	1806.33	
PZ-071	08/04/06	1817.94	14.65	1803.29	
PZ-071	10/26/06	1817.94	17.42	1800.52	

See last page of Table II for notes and abbreviations.

TABLE II
SUMMARY OF WATER LEVEL DATA, 2006
BOEING SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well Identifier	Date of Measurement	Reference Point Elevation (feet above MSL)	Depth to Water (feet)	Static Water Level Elevation (feet above MSL)	Notes
PZ-074	10/24/06	1772.73	21.06	1751.67	
PZ-075	11/03/06	1893.10	Dry	---	
PZ-088	08/01/06	1859.54	Dry	---	
PZ-089	02/03/06	1876.64	Dry	---	
PZ-089	05/09/06	1876.64	Dry	---	
PZ-089	08/01/06	1876.64	18.32	1858.32	
PZ-095	05/18/06	1760.02	Dry	---	
PZ-095	08/01/06	1760.02	Dry	---	
PZ-095	10/24/06	1760.02	Dry	---	
PZ-096	08/09/06	1766.30	33.45	1732.85	
PZ-114	08/02/06	1818.19	38.62	1779.57	
PZ-117	08/01/06	1845.90	Dry	---	
PZ-117	10/24/06	1845.90	27.30	1818.60	
PZ-126	11/15/06	1853.62	5.17	1848.45	
PZ-127	08/14/06	1877.19	62.32	1814.87	
PZ-127	10/23/06	1877.19	58.42	1818.77	
Shallow Wells					
SH-01	01/30/06	1772.84	8.82	1764.02	
SH-01	05/02/06	1772.84	5.43	1767.41	
SH-01	08/02/06	1772.84	9.25	1763.59	
SH-01	10/25/06	1772.84	Dry	---	
SH-02	01/30/06	1762.76	6.35	1756.41	
SH-02	05/02/06	1762.76	4.93	1757.83	
SH-02	08/02/06	1762.76	7.00	1755.76	
SH-02	10/25/06	1762.76	9.01	1753.75	
SH-03	01/30/06	1762.53	6.22	1756.31	
SH-03	05/02/06	1762.53	4.85	1757.68	
SH-03	08/02/06	1762.53	UTM	---	
SH-03	10/25/06	1762.53	8.83	1753.70	
SH-04	01/30/06	1765.08	7.79	1757.29	
SH-04	05/02/06	1765.08	6.74	1758.34	
SH-04	08/02/06	1765.08	Dry	---	
SH-04	10/25/06	1765.08	10.58	1754.50	
SH-05	01/30/06	1762.97	8.74	1754.23	
SH-05	05/02/06	1762.97	6.81	1756.16	
SH-05	08/02/06	1762.97	10.45	1752.52	
SH-05	10/25/06	1762.97	Dry	---	
SH-06	01/30/06	1776.99	11.45	1765.54	
SH-06	05/02/06	1776.99	8.20	1768.79	
SH-06	08/02/06	1776.99	Dry	---	
SH-06	10/25/06	1776.99	Dry	---	
SH-07	01/30/06	1775.11	11.71	1763.40	
SH-07	05/02/06	1775.11	7.00	1768.11	
SH-07	08/02/06	1775.11	10.95	1764.16	
SH-07	10/25/06	1775.11	Dry	---	
SH-08	01/30/06	1763.25	7.15	1756.10	
SH-08	05/02/06	1763.25	5.82	1757.43	
SH-08	08/02/06	1763.25	7.67	1755.58	
SH-08	10/25/06	1763.25	9.63	1753.62	

See last page of Table II for notes and abbreviations.

TABLE II

SUMMARY OF WATER LEVEL DATA, 2006
BOEING SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well Identifier	Date of Measurement	Reference Point Elevation (feet above MSL)	Depth to Water (feet)	Static Water Level Elevation (feet above MSL)	Notes
SH-09	01/30/06	1761.19	6.17	1755.02	
SH-09	05/02/06	1761.19	4.85	1756.34	
SH-09	08/02/06	1761.19	7.31	1753.88	
SH-09	10/25/06	1761.19	8.73	1752.46	
SH-10	01/30/06	1757.69	6.96	1750.73	
SH-10	05/02/06	1757.69	4.98	1752.71	
SH-10	08/02/06	1757.69	UTM	---	
SH-10	10/25/06	1757.69	Dry	---	
SH-11	01/30/06	1756.00	10.89	1745.11	
SH-11	05/02/06	1756.00	7.41	1748.59	
SH-11	08/02/06	1756.00	12.15	1743.85	
SH-11	10/25/06	1756.00	Dry	---	
RS-01	01/31/06	1879.68	22.95	1856.73	
RS-01	05/03/06	1879.68	Dry	---	
RS-01	08/01/06	1879.68	22.53	1857.15	
RS-01	10/26/06	1879.68	22.97	1856.71	
RS-02	01/31/06	1901.08	Dry	---	
RS-02	05/03/06	1901.08	Dry	---	
RS-02	08/01/06	1901.08	Dry	---	
RS-02	10/24/06	1901.08	Dry	---	
RS-03	01/30/06	1834.22	Dry	---	
RS-03	05/03/06	1834.22	15.96	1818.26	
RS-03	08/01/06	1834.22	Dry	---	
RS-03	10/23/06	1834.22	Dry	---	
RS-04	01/30/06	1826.56	Dry	---	
RS-04	05/02/06	1826.56	18.55	1808.01	
RS-04	07/31/06	1826.56	Dry	---	
RS-04	10/23/06	1826.56	Dry	---	
RS-05	01/30/06	1783.73	18.14	1765.59	
RS-05	05/02/06	1783.73	13.85	1769.88	
RS-05	08/01/06	1783.73	14.03	1769.70	
RS-05	10/23/06	1783.73	17.31	1766.42	
RS-06	01/31/06	1757.43	18.67	1738.76	
RS-06	05/03/06	1757.43	15.39	1742.04	
RS-06	08/01/06	1757.43	17.63	1739.80	
RS-06	10/24/06	1757.43	Dry	---	
RS-07	01/31/06	1732.27	4.04	1728.23	
RS-07	05/03/06	1732.27	3.87	1728.40	
RS-07	08/01/06	1732.27	5.36	1726.91	
RS-07	10/24/06	1732.27	5.00	1727.27	
RS-08	02/01/06	1821.57	7.12	1814.45	
RS-08	05/02/06	1821.57	5.45	1816.12	
RS-08	08/02/06	1821.57	9.38	1812.19	
RS-08	10/25/06	1821.57	11.89	1809.68	
RS-09	01/31/06	1735.52	19.88	1715.64	
RS-09	05/04/06	1735.52	16.91	1718.61	
RS-09	08/01/06	1735.52	17.93	1717.59	
RS-09	10/25/06	1735.52	19.60	1715.92	
RS-10	01/31/06	1762.08	Dry	---	

See last page of Table II for notes and abbreviations.

TABLE II

SUMMARY OF WATER LEVEL DATA, 2006
BOEING SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well Identifier	Date of Measurement	Reference Point Elevation (feet above MSL)	Depth to Water (feet)	Static Water Level Elevation (feet above MSL)	Notes
RS-10	05/04/06	1762.08	16.02	1746.06	
RS-10	08/02/06	1762.08	Dry	---	
RS-10	10/24/06	1762.08	Dry	---	
RS-11	01/31/06	1790.39	9.64	1780.75	
RS-11	05/02/06	1790.39	6.65	1783.74	
RS-11	08/02/06	1790.39	8.54	1781.85	
RS-11	10/24/06	1790.39	11.24	1779.15	
RS-12	01/31/06	1727.48	Dry	---	
RS-12	05/03/06	1727.48	14.82	1712.66	
RS-12	08/01/06	1727.48	14.92	1712.56	
RS-12	10/25/06	1727.48	Dry	---	
RS-13	01/31/06	1644.20	20.91	1623.29	
RS-13	05/02/06	1644.20	20.47	1623.73	
RS-13	07/31/06	1644.20	21.44	1622.76	
RS-13	10/24/06	1644.20	22.23	1621.97	
RS-14	02/01/06	1734.78	Dry	---	
RS-14	05/03/06	1734.78	15.30	1719.48	
RS-14	08/01/06	1734.78	Dry	---	
RS-14	10/25/06	1734.78	Dry	---	
RS-15	02/07/06	1764.86	5.76	1759.10	
RS-15	05/03/06	1764.86	4.26	1760.60	
RS-15	08/01/06	1764.86	6.13	1758.73	
RS-15	10/24/06	1764.86	7.21	1757.65	
RS-16	02/01/06	1811.05	Dry	---	
RS-16	05/09/06	1811.05	Dry	---	
RS-16	08/02/06	1811.05	Dry	---	
RS-16	10/25/06	1811.05	Dry	---	
RS-17	01/31/06	1766.52	7.74	1758.78	
RS-17	05/04/06	1766.52	6.42	1760.10	
RS-17	08/01/06	1766.52	9.04	1757.48	
RS-17	10/24/06	1766.52	11.67	1754.85	
RS-18	02/01/06	1802.86	9.00	1793.86	
RS-18	05/02/06	1802.86	5.33	1797.53	
RS-18	08/01/06	1802.86	10.73	1792.13	
RS-18	10/26/06	1802.86	Dry	---	
RS-19	01/30/06	1812.42	Dry	---	
RS-19	05/02/06	1812.42	7.83	1804.59	
RS-19	08/01/06	1812.42	13.56	1798.86	
RS-19	10/23/06	1812.42	Dry	---	
RS-20	01/30/06	1823.77	19.87	1803.90	
RS-20	05/02/06	1823.77	6.45	1817.32	
RS-20	08/01/06	1823.77	12.82	1810.95	
RS-20	10/23/06	1823.77	16.46	1807.31	
RS-21	01/30/06	1767.36	13.70	1753.66	
RS-21	05/04/06	1767.36	11.12	1756.24	
RS-21	08/02/06	1767.36	14.84	1752.52	
RS-21	10/25/06	1767.36	16.82	1750.54	
RS-22	01/30/06	1771.23	13.35	1757.88	
RS-22	05/04/06	1771.23	10.90	1760.33	

See last page of Table II for notes and abbreviations.

TABLE II

SUMMARY OF WATER LEVEL DATA, 2006
BOEING SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well Identifier	Date of Measurement	Reference Point Elevation (feet above MSL)	Depth to Water (feet)	Static Water Level Elevation (feet above MSL)	Notes
RS-22	08/02/06	1771.23	13.68	1757.55	
RS-22	10/25/06	1771.23	16.67	1754.56	
RS-23	02/01/06	1887.25	Dry	---	
RS-23	05/04/06	1887.25	Dry	---	
RS-23	08/01/06	1887.25	Dry	---	
RS-23	10/23/06	1887.25	Dry	---	
RS-24	02/01/06	1809.24	Dry	---	
RS-24	05/04/06	1809.24	Dry	---	
RS-24	08/02/06	1809.24	Dry	---	
RS-24	10/24/06	1809.24	Dry	---	
RS-25	01/31/06	1862.71	13.80	1848.91	
RS-25	05/02/06	1862.71	13.30	1849.41	
RS-25	08/01/06	1862.71	14.28	1848.43	
RS-25	10/24/06	1862.71	Dry	---	
RS-27	02/03/06	1804.78	Dry	---	
RS-27	05/02/06	1804.78	9.00	1795.78	
RS-27	08/02/06	1804.78	Dry	---	
RS-27	10/24/06	1804.78	Dry	---	
RS-28	01/31/06	1768.59	15	1753.59	
RS-28	05/02/06	1768.59	3.74	1764.85	
RS-28	07/31/06	1768.59	13.02	1755.57	
RS-28	10/24/06	1768.59	9.48	1759.11	
RS-29	01/31/06	1833.09	Dry	---	
RS-29	05/03/06	1833.09	34.59	1798.50	
RS-29	08/01/06	1833.09	Dry	---	
RS-29	10/24/06	1833.09	Dry	---	
RS-30	01/31/06	1909.01	19.65	1889.36	
RS-30	05/03/06	1909.01	14.98	1894.03	
RS-30	08/01/06	1909.01	17.74	1891.27	
RS-30	10/24/06	1909.01	20.91	1888.10	
RS-31	01/31/06	1909.03	Dry	---	
RS-31	05/03/06	1909.03	13.13	1895.90	
RS-31	08/01/06	1909.03	16.05	1892.98	
RS-31	10/24/06	1909.03	Dry	---	
RS-32	01/31/06	1908.99	14.50	1894.49	
RS-32	05/03/06	1908.99	9.34	1899.65	
RS-32	08/01/06	1908.99	14.42	1894.57	
RS-32	10/24/06	1908.99	Dry	---	
RS-54	02/01/06	1846.66	17.69	1828.97	
RS-54	05/01/06	1846.66	15.77	1830.89	
RS-54	08/01/06	1846.66	17.48	1829.18	
RS-54	10/23/06	1846.66	18.78	1827.88	
ES-01	01/30/06	1782.20	16.55	1765.65	
ES-01	05/02/06	1782.20	12.21	1769.99	
ES-01	07/31/06	1782.20	13.21	1768.99	
ES-01	10/23/06	1782.20	15.71	1766.49	
ES-02	01/30/06	1814.60	Dry	---	
ES-02	05/02/06	1814.60	5.97	1808.63	
ES-02	07/31/06	1814.60	13.44	1801.16	

See last page of Table II for notes and abbreviations.

TABLE II

SUMMARY OF WATER LEVEL DATA, 2006
BOEING SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well Identifier	Date of Measurement	Reference Point Elevation (feet above MSL)	Depth to Water (feet)	Static Water Level Elevation (feet above MSL)	Notes
ES-02	10/23/06	1814.60	Dry	---	
ES-03	01/30/06	1783.39	17.74	1765.65	
ES-03	05/02/06	1783.39	13.45	1769.94	
ES-03	07/31/06	1783.39	14.34	1769.05	
ES-03	10/23/06	1783.39	16.48	1766.91	
ES-04	01/30/06	1817.24	Dry	---	
ES-04	05/02/06	1817.24	8.20	1809.04	
ES-04	07/31/06	1817.24	10.81	1806.43	
ES-04	10/23/06	1817.24	Dry	---	
ES-05	01/30/06	1818.13	Dry	---	
ES-05	05/02/06	1818.13	5.79	1812.34	
ES-05	07/31/06	1818.13	10.47	1807.66	
ES-05	10/23/06	1818.13	Dry	---	
ES-06	01/30/06	1825.41	19.36	1806.05	
ES-06	05/02/06	1825.41	8.07	1817.34	
ES-06	07/31/06	1825.41	14.21	1811.20	
ES-06	10/23/06	1825.41	17.62	1807.79	
ES-07	01/30/06	1826.53	Dry	---	
ES-07	05/02/06	1826.53	18.37	1808.16	
ES-07	07/31/06	1826.53	UTM	---	
ES-07	10/23/06	1826.53	Dry	---	
ES-08	01/30/06	1826.60	Dry	---	
ES-08	05/03/06	1826.60	12.93	1813.67	
ES-08	07/31/06	1826.60	Dry	---	
ES-08	10/23/06	1826.60	Dry	---	
ES-09	01/30/06	1827.80	Dry	---	
ES-09	05/02/06	1827.80	6.87	1820.93	
ES-09	07/31/06	1827.80	22.67	1805.13	
ES-09	10/23/06	1827.80	Dry	---	
ES-10	01/30/06	1829.46	20.80	1808.66	
ES-10	05/02/06	1829.46	8.20	1821.26	
ES-10	07/31/06	1829.46	20.42	1809.04	
ES-10	10/23/06	1829.46	Dry	---	
ES-11	01/30/06	1835.07	Dry	---	
ES-11	05/03/06	1835.07	17.31	1817.76	
ES-11	08/02/06	1835.07	Dry	---	
ES-11	10/23/06	1835.07	Dry	---	
ES-12	01/30/06	1838.19	11.91	1826.28	
ES-12	05/02/06	1838.19	11.28	1826.91	
ES-12	08/02/06	1838.19	22.21	1815.98	
ES-12	10/26/06	1838.19	Dry	---	
ES-13	01/30/06	1782.58	15.31	1767.27	
ES-13	05/02/06	1782.58	12.19	1770.39	
ES-13	07/31/06	1782.58	13.13	1769.45	
ES-13	10/23/06	1782.58	15.18	1767.40	
ES-14	01/31/06	1728.69	18.34	1710.35	
ES-14	05/03/06	1728.69	15.71	1712.98	
ES-14	08/04/06	1728.69	16.34	1712.35	
ES-14	10/25/06	1728.69	17.51	1711.18	

See last page of Table II for notes and abbreviations.

TABLE II

SUMMARY OF WATER LEVEL DATA, 2006
BOEING SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well Identifier	Date of Measurement	Reference Point Elevation (feet above MSL)	Depth to Water (feet)	Static Water Level Elevation (feet above MSL)	Notes
ES-15	01/31/06	1730.21	20.48	1709.73	
ES-15	05/03/06	1730.21	17.48	1712.73	
ES-15	08/01/06	1730.21	UTM	---	
ES-15	10/25/06	1730.21	19.55	1710.66	
ES-16	01/31/06	1737.90	20.28	1717.62	
ES-16	05/04/06	1737.90	17.25	1720.65	
ES-16	08/01/06	1737.90	18.41	1719.49	
ES-16	10/25/06	1737.90	19.99	1717.91	
ES-17	01/31/06	1739.31	12.96	1726.35	
ES-17	05/03/06	1739.31	8.25	1731.06	
ES-17	08/24/06	1739.31	11.83	1727.48	
ES-17	10/25/06	1739.31	14.29	1725.02	
ES-18	01/30/06	1770.25	15.25	1755.00	
ES-18	05/04/06	1770.25	12.34	1757.91	
ES-18	08/02/06	1770.25	15.85	1754.40	
ES-18	10/25/06	1770.25	18.46	1751.79	
ES-19	01/30/06	1769.44	14.25	1755.19	
ES-19	05/04/06	1769.44	11.74	1757.70	
ES-19	08/02/06	1769.44	14.81	1754.63	
ES-19	10/25/06	1769.44	17.38	1752.06	
ES-20	01/30/06	1770.58	15.26	1755.32	
ES-20	05/04/06	1770.58	12.84	1757.74	
ES-20	08/02/06	1770.58	15.80	1754.78	
ES-20	10/25/06	1770.58	18.46	1752.12	
ES-21	01/30/06	1769.62	UTM	---	
ES-21	05/04/06	1769.62	10.95	1758.67	
ES-21	08/02/06	1769.62	14.65	1754.97	
ES-21	10/25/06	1769.62	17.29	1752.33	
ES-22	01/30/06	1770.93	16.15	1754.78	
ES-22	05/04/06	1770.93	12.63	1758.30	
ES-22	08/02/06	1770.93	15.22	1755.71	
ES-22	10/25/06	1770.93	18.20	1752.73	
ES-23	01/31/06	1760.73	9.11	1751.62	
ES-23	05/03/06	1760.73	7.56	1753.17	
ES-23	08/01/06	1760.73	8.72	1752.01	
ES-23	10/25/06	1760.73	9.71	1751.02	
ES-24	01/31/06	1728.67	21.79	1706.88	
ES-24	05/09/06	1728.67	19.27	1709.40	
ES-24	08/01/06	1728.67	20.30	1708.37	
ES-24	10/25/06	1728.67	21.27	1707.40	
ES-25	01/31/06	1737.78	34.38	1703.40	
ES-25	05/03/06	1737.78	30.58	1707.20	
ES-25	08/01/06	1737.78	30.53	1707.25	
ES-25	10/25/06	1737.78	32.76	1705.02	
ES-26	01/31/06	1748.01	9.49	1738.52	
ES-26	05/03/06	1748.01	7.05	1740.96	
ES-26	08/01/06	1748.01	8.55	1739.46	
ES-26	10/25/06	1748.01	12.51	1735.50	
ES-27	02/07/06	1740.67	13.29	1727.38	

See last page of Table II for notes and abbreviations.

TABLE II
SUMMARY OF WATER LEVEL DATA, 2006
BOEING SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well Identifier	Date of Measurement	Reference Point Elevation (feet above MSL)	Depth to Water (feet)	Static Water Level Elevation (feet above MSL)	Notes
ES-27	05/03/06	1740.67	8.82	1731.85	
ES-27	08/01/06	1740.67	11.51	1729.16	
ES-27	10/25/06	1740.67	15.00	1725.67	
ES-28	01/31/06	1759.15	8.02	1751.13	
ES-28	05/03/06	1759.15	6.86	1752.29	
ES-28	08/01/06	1759.15	7.91	1751.24	
ES-28	10/25/06	1759.15	8.92	1750.23	
ES-29	01/31/06	1760.47	8.73	1751.74	
ES-29	05/03/06	1760.47	7.39	1753.08	
ES-29	08/01/06	1760.47	8.64	1751.83	
ES-29	10/25/06	1760.47	9.84	1750.63	
ES-30	02/07/06	1759.51	9.10	1750.41	
ES-30	05/03/06	1759.51	8.68	1750.83	
ES-30	08/01/06	1759.51	9.01	1750.50	
ES-30	10/25/06	1759.51	9.79	1749.72	
ES-31	01/31/06	1787.01	9.39	1777.62	
ES-31	05/02/06	1787.01	6.69	1780.32	
ES-31	08/02/06	1787.01	9.52	1777.49	
ES-31	10/24/06	1787.01	11.68	1775.33	
ES-32	02/07/06	1740.65	17.57	1723.08	
ES-32	05/03/06	1740.65	9.04	1731.61	
ES-32	08/01/06	1740.65	11.57	1729.08	
ES-32	10/25/06	1740.65	15.92	1724.73	
HAR-02	02/01/06	1886.38	Dry	---	
HAR-02	05/03/06	1886.38	25.95	1860.43	
HAR-02	08/01/06	1886.38	29.01	1857.37	
HAR-02	10/24/06	1886.38	Dry	---	
HAR-03	01/31/06	1875.48	19.92	1855.56	
HAR-03	05/03/06	1875.48	15.53	1859.95	
HAR-03	08/01/06	1875.48	20.00	1855.48	
HAR-03	10/24/06	1875.48	30.52	1844.96	
HAR-04	01/30/06	1873.40	19.32	1854.08	
HAR-04	05/03/06	1873.40	14.91	1858.49	
HAR-04	08/01/06	1873.40	19.11	1854.29	
HAR-04	10/24/06	1873.40	21.33	1852.07	
HAR-09	02/01/06	1820.62	10.52	1810.10	
HAR-09	05/02/06	1820.62	6.25	1814.37	
HAR-09	08/02/06	1820.62	10.50	1810.12	
HAR-09	10/25/06	1820.62	12.45	1808.17	
HAR-11	02/01/06	1827.90	9.85	1818.05	
HAR-11	05/02/06	1827.90	7.91	1819.99	
HAR-11	08/02/06	1827.90	11.79	1816.11	
HAR-11	10/25/06	1827.90	15.00	1812.90	
HAR-12	01/31/06	1796.73	UTM	---	The plastic casing melted
HAR-12	05/02/06	1796.73	UTM	---	the cap to the casing during
HAR-12	07/31/06	1796.73	UTM	---	the 2005 Topanga fire,
HAR-12	10/25/06	1796.73	UTM	---	obstructing access to measure water levels.
HAR-13	01/31/06	1801.18	UTM	---	

See last page of Table II for notes and abbreviations.

TABLE II
SUMMARY OF WATER LEVEL DATA, 2006
BOEING SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well Identifier	Date of Measurement	Reference Point Elevation (feet above MSL)	Depth to Water (feet)	Static Water Level Elevation (feet above MSL)	Notes
HAR-13	05/02/06	1801.18	UTM	---	
HAR-13	07/31/06	1801.18	13.98	1787.20	
HAR-13	10/25/06	1801.18	UTM	---	
HAR-14	01/31/06	1797.02	12.00	1785.02	
HAR-14	05/02/06	1797.02	8.15	1788.87	
HAR-14	07/31/06	1797.02	11.23	1785.79	
HAR-14	10/25/06	1797.02	12.92	1784.10	
HAR-15	01/31/06	1809.69	14.13	1795.56	
HAR-15	05/02/06	1809.69	9.54	1800.15	
HAR-15	08/02/06	1809.69	11.72	1797.97	
HAR-15	10/26/06	1809.69	14.78	1794.91	
HAR-27	01/31/06	1719.39	26.81	1692.58	
HAR-27	05/04/06	1719.39	27.38	1692.01	
HAR-27	08/02/06	1719.39	26.28	1693.11	
HAR-27	10/24/06	1719.39	28.50	1690.89	
HAR-28	01/31/06	1720.17	25.93	1694.24	
HAR-28	05/04/06	1720.17	20.45	1699.72	
HAR-28	08/02/06	1720.17	23.90	1696.27	
HAR-28	10/24/06	1720.17	25.56	1694.61	
HAR-29	01/31/06	1724.13	27.32	1696.81	
HAR-29	05/04/06	1724.13	28.33	1695.80	
HAR-29	08/02/06	1724.13	23.13	1701.00	
HAR-29	10/24/06	1724.13	25.06	1699.07	
HAR-30	01/31/06	1806.47	13.64	1792.83	
HAR-30	05/02/06	1806.47	9.28	1797.19	
HAR-30	08/02/06	1806.47	11.42	1795.05	
HAR-30	10/26/06	1806.47	14.28	1792.19	
HAR-31	01/31/06	1812.45	18.68	1793.77	
HAR-31	05/02/06	1812.45	12.67	1799.78	
HAR-31	08/02/06	1812.45	16.28	1796.17	
HAR-31	10/26/06	1812.45	19.23	1793.22	
HAR-32	01/31/06	1736.58	23.88	1712.70	
HAR-32	05/03/06	1736.58	8.95	1727.63	
HAR-32	08/01/06	1736.58	12.06	1724.52	
HAR-32	10/25/06	1736.58	14.67	1721.91	
HAR-33	01/31/06	1744.66	16.49	1728.17	
HAR-33	05/03/06	1744.66	10.59	1734.07	
HAR-33	08/01/06	1744.66	12.66	1732.00	
HAR-33	10/25/06	1744.66	16.38	1728.28	
HAR-34	01/31/06	1751.17	12.51	1738.66	
HAR-34	05/03/06	1751.17	6.74	1744.43	
HAR-34	08/01/06	1751.17	8.84	1742.33	
HAR-34	10/25/06	1751.17	13.31	1737.86	
Chatsworth Formation Wells					
RD-01	02/01/06	1935.89	200.47	1735.42	
RD-01	05/04/06	1935.89	198.72	1737.17	
RD-01	08/02/06	1935.89	200.95	1734.94	
RD-01	10/24/06	1935.89	200.98	1734.91	
RD-02	01/30/06	1873.92	157.21	1716.71	

See last page of Table II for notes and abbreviations.

TABLE II
SUMMARY OF WATER LEVEL DATA, 2006
BOEING SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well Identifier	Date of Measurement	Reference Point Elevation (feet above MSL)	Depth to Water (feet)	Static Water Level Elevation (feet above MSL)	Notes
RD-02	05/04/06	1873.92	156.47	1717.45	
RD-02	08/02/06	1873.92	154.68	1719.24	
RD-02	10/24/06	1873.92	154.55	1719.37	
RD-03	01/31/06	1743.50	5.61	1737.89	
RD-03	05/03/06	1743.50	4.03	1739.47	
RD-03	08/01/06	1743.50	4.81	1738.69	
RD-03	10/24/06	1743.50	6.97	1736.53	
RD-04	02/01/06	1883.85	304.63	1579.22	
RD-04	05/02/06	1883.85	301.94	1581.91	
RD-04	08/02/06	1883.85	298.09	1585.76	
RD-04	10/25/06	1883.85	295.92	1587.93	
RD-05A	01/31/06	1704.66	79.07	1625.59	
RD-05A	05/02/06	1704.66	77.37	1627.29	
RD-05A	07/31/06	1704.66	77.85	1626.81	
RD-05A	10/24/06	1704.66	78.88	1625.78	
RD-05B	01/31/06	1705.89	50.29	1655.60	
RD-05B	05/02/06	1705.89	51.05	1654.84	
RD-05B	07/31/06	1705.89	51.69	1654.20	
RD-05B	10/24/06	1705.89	52.72	1653.17	
RD-05C	01/31/06	1705.25	55.37	1649.88	
RD-05C	05/02/06	1705.25	54.72	1650.53	
RD-05C	07/31/06	1705.25	53.86	1651.39	
RD-05C	10/24/06	1705.25	53.54	1651.71	
RD-06	01/31/06	1617.21	42.31	1574.90	
RD-06	05/02/06	1617.21	40.03	1577.18	
RD-06	07/31/06	1617.21	41.73	1575.48	
RD-06	10/24/06	1617.21	44.63	1572.58	
RD-07	01/31/06	1812.82			(1)
RD-07	05/02/06	1812.82			(1)
RD-07	08/01/06	1812.82			(1)
RD-07	10/25/06	1812.82			(1)
RD-08	01/30/06	1763.38	8.75	1754.63	
RD-08	05/02/06	1763.38	6.90	1756.48	
RD-08	08/02/06	1763.38	8.70	1754.68	
RD-08	10/25/06	1763.38	10.35	1753.03	
RD-09	01/30/06	1768.20	17.52	1750.68	
RD-09	05/04/06	1768.20	13.86	1754.34	
RD-09	08/02/06	1768.20	16.64	1751.56	
RD-09	10/25/06	1768.20	19.05	1749.15	
RD-10	02/01/06	1904.43	182.28	1722.15	
RD-10	05/04/06	1904.43	181.85	1722.58	
RD-10	08/02/06	1904.43	181.34	1723.09	
RD-10	10/24/06	1904.43	181.52	1722.91	
RD-11	01/30/06	1762.65	13.01	1749.64	
RD-11	05/02/06	1762.65	12.73	1749.92	
RD-11	08/02/06	1762.65	11.29	1751.36	
RD-11	10/25/06	1762.65	14.55	1748.10	
RD-12	01/30/06	1762.62	16.99	1745.63	
RD-12	05/02/06	1762.62	13.91	1748.71	

See last page of Table II for notes and abbreviations.

TABLE II

SUMMARY OF WATER LEVEL DATA, 2006
BOEING SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well Identifier	Date of Measurement	Reference Point Elevation (feet above MSL)	Depth to Water (feet)	Static Water Level Elevation (feet above MSL)	Notes
RD-12	08/02/06	1762.62	19.00	1743.62	
RD-12	10/25/06	1762.62	23.89	1738.73	
RD-13	02/01/06	1840.27	40.63	1799.64	
RD-13	05/01/06	1840.27	42.39	1797.88	
RD-13	08/03/06	1840.27	43.56	1796.71	
RD-13	10/23/06	1840.27	45.18	1795.09	
RD-14	01/31/06	1824.29	66.12	1758.17	
RD-14	05/02/06	1824.29	66.84	1757.45	
RD-14	08/02/06	1824.29	66.98	1757.31	
RD-14	10/24/06	1824.29	67.14	1757.15	
RD-15	01/31/06	1817.70	41.03	1776.67	
RD-15	05/02/06	1817.70	37.79	1779.91	
RD-15	08/01/06	1817.70	38.68	1779.02	
RD-15	10/24/06	1817.70	40.25	1777.45	
RD-16	02/01/06	1808.99	43.30	1765.69	
RD-16	05/04/06	1808.99	41.64	1767.35	
RD-16	08/02/06	1808.99	42.28	1766.71	
RD-16	10/24/06	1808.99	44.40	1764.59	
RD-17	01/31/06	1836.30	23.35	1812.95	
RD-17	05/02/06	1836.30	21.31	1814.99	
RD-17	08/01/06	1836.30	22.38	1813.92	
RD-17	10/24/06	1836.30	23.16	1813.14	
RD-18	01/31/06	1839.49	82.08	1757.41	
RD-18	05/02/06	1839.49	81.70	1757.79	
RD-18	08/01/06	1839.49	81.20	1758.29	
RD-18	10/24/06	1839.49	81.43	1758.06	
RD-19	01/31/06	1853.13	71.61	1781.52	
RD-19	05/02/06	1853.13	66.02	1787.11	
RD-19	08/01/06	1853.13	69.67	1783.46	
RD-19	10/24/06	1853.13	73.06	1780.07	
RD-20	02/01/06	1819.72	36.49	1783.23	
RD-20	05/02/06	1819.72	34.95	1784.77	
RD-20	08/01/06	1819.72	35.94	1783.78	
RD-20	10/23/06	1819.72	37.79	1781.93	
RD-21	02/01/06	1866.96			(1)
RD-21	05/01/06	1866.96			(1)
RD-21	08/01/06	1866.96			(1)
RD-21	10/23/06	1866.96			(1)
RD-22	02/01/06	1853.41			(1)
RD-22	05/01/06	1853.41			(1)
RD-22	08/01/06	1853.41			(1)
RD-22	10/23/06	1853.41			(1)
RD-23	02/01/06	1838.19			(1)
RD-23	05/01/06	1838.19			(1)
RD-23	08/01/06	1838.19			(1)
RD-23	10/23/06	1838.19			(1)
RD-24	02/01/06	1809.93	39.40	1770.53	
RD-24	05/02/06	1809.93	37.90	1772.03	
RD-24	08/01/06	1809.93	36.73	1773.20	

See last page of Table II for notes and abbreviations.

TABLE II
SUMMARY OF WATER LEVEL DATA, 2006
BOEING SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well Identifier	Date of Measurement	Reference Point Elevation (feet above MSL)	Depth to Water (feet)	Static Water Level Elevation (feet above MSL)	Notes
RD-24	10/24/06	1809.93	36.84	1773.09	
RD-26	01/31/06	1880.39	97.17	1783.22	
RD-26	05/02/06	1880.39	94.63	1785.76	
RD-26	08/01/06	1880.39	93.60	1786.79	
RD-26	10/24/06	1880.39	95.02	1785.37	
RD-27	02/20/06	1841.67	50.63	1791.04	
RD-27	05/09/06	1841.67	45.93	1795.74	
RD-27	08/25/06	1841.67	49.25	1792.42	
RD-27	10/23/06	1841.67	NM	---	
RD-29	02/01/06	1806.29	14.01	1792.28	
RD-29	05/02/06	1806.29	11.06	1795.23	
RD-29	07/31/06	1806.29	13.48	1792.81	
RD-29	10/24/06	1806.29	15.28	1791.01	
RD-30	01/31/06	1768.69	11.31	1757.38	
RD-30	05/02/06	1768.69	4.45	1764.24	
RD-30	07/31/06	1768.69	13.73	1754.96	
RD-30	10/24/06	1768.69	9.92	1758.77	
RD-31	01/31/06	1945.02	UTM	---	A blank FLUTe liner was
RD-31	05/03/06	1945.02	UTM	---	installed in RD-31 and
RD-31	07/31/06	1945.02	UTM	---	prevented water level
RD-31	10/24/06	1945.02	UTM	---	measurements.
RD-32	02/21/06	1808.47	28.65	1779.82	
RD-32	05/03/06	1808.47	23.85	1784.62	
RD-32	07/31/06	1808.47	26.73	1781.74	
RD-32	10/26/06	1808.47	28.44	1780.03	
RD-33A	02/01/06	1792.97			(1)
RD-33A	05/02/06	1792.97			(1)
RD-33A	08/01/06	1792.97			(1)
RD-33A	10/23/06	1792.97			(1)
RD-33B	02/01/06	1793.21	282.23	1510.98	
RD-33B	05/02/06	1793.21	279.47	1513.74	
RD-33B	08/02/06	1793.21	280.45	1512.76	
RD-33B	10/23/06	1793.21	279.74	1513.47	
RD-33C	02/01/06	1793.54	281.23	1512.31	
RD-33C	05/02/06	1793.54	280.65	1512.89	
RD-33C	08/02/06	1793.54	279.53	1514.01	
RD-33C	10/23/06	1793.54	278.79	1514.75	
RD-34A	01/31/06	1761.83	43.62	1718.21	
RD-34A	05/02/06	1761.83	34.77	1727.06	
RD-34A	07/31/06	1761.83	43.33	1718.50	
RD-34A	10/24/06	1761.83	33.15	1728.68	
RD-34B	01/31/06	1762.51	57.71	1704.80	
RD-34B	05/02/06	1762.51	43.00	1719.51	
RD-34B	07/31/06	1762.51	54.62	1707.89	
RD-34B	10/24/06	1762.51	37.44	1725.07	
RD-34C	01/31/06	1762.60	10.65	1751.95	
RD-34C	05/02/06	1762.60	8.87	1753.73	
RD-34C	07/31/06	1762.60	9.04	1753.56	
RD-34C	10/24/06	1762.60	8.13	1754.47	

See last page of Table II for notes and abbreviations.

TABLE II
SUMMARY OF WATER LEVEL DATA, 2006
BOEING SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well Identifier	Date of Measurement	Reference Point Elevation (feet above MSL)	Depth to Water (feet)	Static Water Level Elevation (feet above MSL)	Notes
RD-35A	01/31/06	1908.62	84.72	1823.90	
RD-35A	05/03/06	1908.62	82.65	1825.97	
RD-35A	07/31/06	1908.62	81.35	1827.27	
RD-35A	10/24/06	1908.62	83.05	1825.57	
RD-35B	01/31/06	1905.65	83.98	1821.67	
RD-35B	05/03/06	1905.65	83.00	1822.65	
RD-35B	07/31/06	1905.65	81.86	1823.79	
RD-35B	10/24/06	1905.65	82.14	1823.51	
RD-36A	01/31/06	1913.09	NM	---	
RD-36A	05/03/06	1913.09	89.55	1823.54	(C)
RD-36A	07/31/06	1913.09	85.26	1827.83	(C)
RD-36A	10/26/06	1913.09	85.98	1827.11	(C)
RD-36B	01/31/06	1915.26	NM	---	
RD-36B	05/03/06	1915.26	135.75	1779.51	
RD-36B	07/31/06	1915.26	132.09	1783.17	
RD-36B	10/26/06	1915.26	134.65	1780.61	
RD-36C	01/31/06	1913.82	NM	---	
RD-36C	05/03/06	1913.82	191.63	1722.19	
RD-36C	07/31/06	1913.82	190.81	1723.01	
RD-36C	10/26/06	1913.82	190.06	1723.76	
RD-36D	01/31/06	1920.08	NM	---	
RD-36D	05/03/06	1920.08	362.68	1557.40	
RD-36D	08/01/06	1920.08	362.51	1557.57	
RD-36D	10/26/06	1920.08	362.73	1557.35	
RD-37	01/31/06	1870.01	305.90	1564.11	
RD-37	05/03/06	1870.01	304.17	1565.84	
RD-37	07/31/06	1870.01	306.10	1563.91	
RD-37	10/26/06	1870.01	302.85	1567.16	
RD-38A	01/31/06	1879.47	NM	---	
RD-38A	05/03/06	1879.47	105.81	1773.66	
RD-38A	07/31/06	1879.47	105.31	1774.16	
RD-38A	10/26/06	1879.47	105.42	1774.05	
RD-38B	02/21/06	1881.45	326.31	1555.14	
RD-38B	05/03/06	1881.45	325.52	1555.93	
RD-38B	07/31/06	1881.45	325.11	1556.34	
RD-38B	10/26/06	1881.45	325.45	1556.00	
RD-39A	02/21/06	1960.23	NM	---	
RD-39A	05/03/06	1960.23	146.45	1813.78	
RD-39A	08/03/06	1960.23	145.68	1814.55	
RD-39A	10/26/06	1960.23	146.00	1814.23	
RD-39B	02/20/06	1959.48	286.71	1672.77	
RD-39B	05/03/06	1959.48	287.65	1671.83	
RD-39B	08/03/06	1959.48	287.44	1672.04	
RD-39B	10/26/06	1959.48	287.93	1671.55	
RD-40	02/01/06	1972.02	262.72	1709.30	(C)
RD-40	05/04/06	1972.02	UTM	---	
RD-40	08/02/06	1972.02	271.45	1700.57	(C)
RD-40	10/26/06	1972.02	269.88	1702.14	(C)
RD-41A	02/07/06	1774.48	40.00	1734.48	

See last page of Table II for notes and abbreviations.

TABLE II
SUMMARY OF WATER LEVEL DATA, 2006
BOEING SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well Identifier	Date of Measurement	Reference Point Elevation (feet above MSL)	Depth to Water (feet)	Static Water Level Elevation (feet above MSL)	Notes
RD-41A	05/04/06	1774.48	25.41	1749.07	
RD-41A	08/02/06	1774.48	31.47	1743.01	
RD-41A	10/24/06	1774.48	37.61	1736.87	
RD-41B	01/31/06	1774.71	114.39	1660.32	
RD-41B	05/04/06	1774.71	109.61	1665.10	
RD-41B	08/02/06	1774.71	109.19	1665.52	
RD-41B	10/24/06	1774.71	110.54	1664.17	
RD-41C	01/31/06	1773.73	130.72	1643.01	
RD-41C	05/04/06	1773.73	129.28	1644.45	
RD-41C	08/02/06	1773.73	127.36	1646.37	
RD-41C	10/24/06	1773.73	126.61	1647.12	
RD-42	02/07/06	1945.46	52.06	1893.40	
RD-42	05/03/06	1945.46	45.90	1899.56	
RD-42	08/02/06	1945.46	48.02	1897.44	
RD-42	10/25/06	1945.46	49.93	1895.53	
RD-43A	02/22/06	1680.16	37.38	1642.78	
RD-43A	05/04/06	1680.16	26.25	1653.91	
RD-43A	07/31/06	1680.16	35.04	1645.12	
RD-43A	10/26/06	1680.16	37.16	1643.00	
RD-43B	02/22/06	1680.21	89.70	1590.51	
RD-43B	05/04/06	1680.21	86.83	1593.38	
RD-43B	07/31/06	1680.21	UTM	---	
RD-43B	10/26/06	1680.21	89.93	1590.28	
RD-43C	02/22/06	1679.31	93.93	1585.38	
RD-43C	05/04/06	1679.31	91.80	1587.51	
RD-43C	08/03/06	1679.31	93.92	1585.39	
RD-43C	10/30/06	1679.31	94.20	1585.11	
RD-44	02/08/06	2035.92	400.91	1635.01	
RD-44	05/03/06	2035.92	400.90	1635.02	
RD-44	08/01/06	2035.92	399.97	1635.95	
RD-44	10/24/06	2035.92	401.19	1634.73	
RD-45A	01/31/06	1841.59	UTM	---	
RD-45A	05/03/06	1841.59	257.60	1583.99	(C)
RD-45A	08/01/06	1841.59	255.17	1586.42	(C)
RD-45A	10/23/06	1841.59	253.86	1587.73	(C)
RD-45B	01/31/06	1840.09	262.62	1577.47	
RD-45B	05/03/06	1840.09	258.57	1581.52	
RD-45B	08/01/06	1840.09	255.96	1584.13	
RD-45B	10/23/06	1840.09	254.69	1585.40	
RD-45C	01/31/06	1835.74	127.60	1708.14	
RD-45C	05/03/06	1835.74	143.98	1691.76	
RD-45C	08/01/06	1835.74	144.43	1691.31	
RD-45C	10/23/06	1835.74	248.63	1587.11	
RD-46A	01/31/06	1806.13	67.24	1738.89	
RD-46A	05/09/06	1806.13	65.28	1740.85	
RD-46A	08/01/06	1806.13	66.21	1739.92	
RD-46A	10/24/06	1806.13	68.37	1737.76	
RD-46B	01/31/06	1807.19	55.97	1751.22	
RD-46B	05/09/06	1807.19	55.83	1751.36	

See last page of Table II for notes and abbreviations.

TABLE II
SUMMARY OF WATER LEVEL DATA, 2006
BOEING SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well Identifier	Date of Measurement	Reference Point Elevation (feet above MSL)	Depth to Water (feet)	Static Water Level Elevation (feet above MSL)	Notes
RD-46B	08/01/06	1807.19	56.46	1750.73	
RD-46B	10/24/06	1807.19	57.84	1749.35	
RD-47	02/02/06	2045.72	468.85	1576.87	
RD-47	05/02/06	2045.72	464.96	1580.76	
RD-47	08/01/06	2045.72	462.45	1583.27	
RD-47	10/25/06	2045.72	460.50	1585.22	
RD-48A	01/31/06	1736.54	91.37	1645.17	
RD-48A	05/03/06	1736.54	99.12	1637.42	
RD-48A	08/01/06	1736.54	80.91	1655.63	
RD-48A	10/24/06	1736.54	100.40	1636.14	
RD-48B	01/31/06	1735.40	131.46	1603.94	
RD-48B	05/03/06	1735.40	131.12	1604.28	
RD-48B	08/01/06	1735.40	130.77	1604.63	
RD-48B	10/24/06	1735.40	130.31	1605.09	
RD-48C	02/07/06	1734.95	176.78	1558.17	
RD-48C	05/03/06	1734.95	176.14	1558.81	
RD-48C	08/01/06	1734.95	175.69	1559.26	
RD-48C	10/24/06	1734.95	175.61	1559.34	
RD-49A	02/01/06	1867.25	16.64	1850.61	
RD-49A	05/02/06	1867.25	14.80	1852.45	
RD-49A	08/02/06	1867.25	18.07	1849.18	
RD-49A	10/25/06	1867.25	18.88	1848.37	
RD-49B	02/01/06	1867.95	252.92	1615.03	
RD-49B	05/02/06	1867.95	231.14	1636.81	
RD-49B	08/02/06	1867.95	228.31	1639.64	
RD-49B	10/25/06	1867.95	227.25	1640.70	
RD-49C	02/01/06	1869.45	283.31	1586.14	
RD-49C	05/02/06	1869.45	280.49	1588.96	
RD-49C	08/02/06	1869.45	277.30	1592.15	
RD-49C	10/25/06	1869.45	275.76	1593.69	
RD-50	02/01/06	1914.88			(1)
RD-50	05/01/06	1914.88			(1)
RD-50	08/01/06	1914.88			(1)
RD-50	10/23/06	1914.88			(1)
RD-51A	01/31/06	1832.51	Dry	---	
RD-51A	05/03/06	1832.51	243.12	1589.39	
RD-51A	08/01/06	1832.51	250.75	1581.76	
RD-51A	10/24/06	1832.51	Dry	---	
RD-51B	02/01/06	1832.68	261.73	1570.95	
RD-51B	05/03/06	1832.68	256.52	1576.16	
RD-51B	08/01/06	1832.68	257.21	1575.47	
RD-51B	10/24/06	1832.68	257.23	1575.45	
RD-51C	01/31/06	1831.65	254.25	1577.40	
RD-51C	05/03/06	1831.65	249.82	1581.83	
RD-51C	08/01/06	1831.65	247.98	1583.67	
RD-51C	10/24/06	1831.65	246.61	1585.04	
RD-52A	02/01/06	1755.09	126.99	1628.10	
RD-52A	05/03/06	1755.09	122.68	1632.41	
RD-52A	08/01/06	1755.09	126.94	1628.15	

See last page of Table II for notes and abbreviations.

TABLE II

SUMMARY OF WATER LEVEL DATA, 2006
BOEING SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well Identifier	Date of Measurement	Reference Point Elevation (feet above MSL)	Depth to Water (feet)	Static Water Level Elevation (feet above MSL)	Notes
RD-52A	10/24/06	1755.09	127.15	1627.94	
RD-52B	01/31/06	1712.15	135.15	1577.00	
RD-52B	05/03/06	1712.15	130.59	1581.56	
RD-52B	08/01/06	1712.15	128.48	1583.67	
RD-52B	10/24/06	1712.15	127.18	1584.97	
RD-52C	01/31/06	1712.83	135.40	1577.43	
RD-52C	05/03/06	1712.83	130.97	1581.86	
RD-52C	08/01/06	1712.83	128.87	1583.96	
RD-52C	10/24/06	1712.83	127.49	1585.34	
RD-53	01/31/06	1909.19	110.67	1798.52	
RD-53	05/03/06	1909.19	108.32	1800.87	
RD-53	08/01/06	1909.19	135.41	1773.78	
RD-53	10/24/06	1909.19	137.86	1771.33	
RD-54A	02/01/06	1841.72			(1)
RD-54A	05/01/06	1841.72			(1)
RD-54A	08/01/06	1841.72			(1)
RD-54A	10/23/06	1841.72			(1)
RD-54B	02/17/06	1842.54	242.55	1599.99	
RD-54B	05/09/06	1842.54	242.58	1599.96	
RD-54B	08/01/06	1842.54	242.25	1600.29	
RD-54B	10/23/06	1842.54	UTM	---	
RD-54C	02/01/06	1843.77	218.44	1625.33	
RD-54C	05/01/06	1843.77	218.27	1625.50	
RD-54C	08/01/06	1843.77	218.08	1625.69	
RD-54C	10/23/06	1843.77	218.02	1625.75	
RD-55A	01/31/06	1756.87	11.87	1745.00	
RD-55A	05/03/06	1756.87	9.05	1747.82	
RD-55A	08/01/06	1756.87	12.57	1744.30	
RD-55A	10/25/06	1756.87	18.11	1738.76	
RD-55B	02/07/06	1757.19	43.12	1714.07	
RD-55B	05/03/06	1757.19	41.02	1716.17	
RD-55B	08/01/06	1757.19	41.10	1716.09	
RD-55B	10/25/06	1757.19	43.04	1714.15	
RD-56A	01/31/06	1758.62	341.19	1417.43	
RD-56A	05/02/06	1758.62	321.47	1437.15	
RD-56A	08/01/06	1758.62	319.12	1439.50	
RD-56A	10/24/06	1758.62	318.45	1440.17	
RD-56B	01/31/06	1761.83	191.19	1570.64	
RD-56B	05/02/06	1761.83	185.95	1575.88	
RD-56B	08/01/06	1761.83	186.58	1575.25	
RD-56B	10/24/06	1761.83	186.77	1575.06	
RD-57	02/01/06	1774.15			(1)
RD-57	05/03/06	1774.15			(1)
RD-57	08/01/06	1774.15			(1)
RD-57	10/23/06	1774.15			(1)
RD-58A	02/03/06	1756.11	76.95	1679.16	
RD-58A	05/03/06	1756.11	75.55	1680.56	
RD-58A	08/01/06	1756.11	73.45	1682.66	
RD-58A	10/24/06	1756.11	73.52	1682.59	

See last page of Table II for notes and abbreviations.

TABLE II
SUMMARY OF WATER LEVEL DATA, 2006
BOEING SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well Identifier	Date of Measurement	Reference Point Elevation (feet above MSL)	Depth to Water (feet)	Static Water Level Elevation (feet above MSL)	Notes
RD-58B	01/31/06	1761.34	101.87	1659.47	
RD-58B	05/03/06	1761.34	98.97	1662.37	
RD-58B	08/01/06	1761.34	99.13	1662.21	
RD-58B	10/25/06	1761.34	99.61	1661.73	
RD-58C	01/31/06	1759.59	118.29	1641.30	
RD-58C	05/03/06	1759.59	115.73	1643.86	
RD-58C	08/01/06	1759.59	116.35	1643.24	
RD-58C	10/25/06	1759.59	117.11	1642.48	
RD-59A	02/22/06	1340.50	UTM	---	
RD-59A	05/23/06	1340.50	UTM	---	
RD-59A	08/23/06	1340.50	28.11	1312.39	
RD-59A	11/14/06	1340.50	27.76	1312.74	
RD-59B	02/22/06	1342.49	<0.00	1342.49	(A)
RD-59B	05/23/06	1342.49	UTM	---	
RD-59B	08/23/06	1342.49	<0.00	1342.49	(A)
RD-59B	11/14/06	1342.49	-27.72	1370.21	(A)
RD-59C	02/22/06	1345.41	<0.00	1345.41	(A)
RD-59C	05/23/06	1345.41	UTM	---	
RD-59C	08/23/06	1345.41	<0.00	1345.41	(A)
RD-59C	11/14/06	1345.41	-28.88	1374.29	(A)
RD-60	01/31/06	1870.40	77.72	1792.68	
RD-60	05/02/06	1870.40	75.30	1795.10	
RD-60	08/01/06	1870.40	71.87	1798.53	
RD-60	10/24/06	1870.40	73.86	1796.54	
RD-61	01/31/06	1845.87	98.00	1747.87	
RD-61	05/03/06	1845.87	99.82	1746.05	
RD-61	08/01/06	1845.87	100.34	1745.53	
RD-61	10/24/06	1845.87	101.15	1744.72	
RD-62	02/07/06	1837.20	204.90	1632.30	
RD-62	05/03/06	1837.20	205.05	1632.15	
RD-62	08/01/06	1837.20	205.07	1632.13	
RD-62	10/24/06	1837.20	204.95	1632.25	
RD-63	01/31/06	1764.85	90.21	1674.64	(P)
RD-63	05/02/06	1764.85	77.45	1687.40	
RD-63	07/31/06	1764.85	100.65	1664.20	
RD-63	10/24/06	1764.85	21.16	1743.69	
RD-64	02/01/06	1857.04			(1)
RD-64	05/01/06	1857.04			(1)
RD-64	08/01/06	1857.04			(1)
RD-64	10/23/06	1857.04			(1)
RD-65	02/01/06	1819.14			(1)
RD-65	05/01/06	1819.14			(1)
RD-65	08/01/06	1819.14			(1)
RD-65	10/23/06	1819.14			(1)
RD-66	02/21/06	1730.79	174.67	1556.12	
RD-66	05/03/06	1730.79	173.89	1556.90	
RD-66	08/02/06	1730.79	173.66	1557.13	
RD-66	10/26/06	1730.79	173.83	1556.96	
RD-67	01/31/06	1901.71	49.15	1852.56	

See last page of Table II for notes and abbreviations.

TABLE II
SUMMARY OF WATER LEVEL DATA, 2006
BOEING SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well Identifier	Date of Measurement	Reference Point Elevation (feet above MSL)	Depth to Water (feet)	Static Water Level Elevation (feet above MSL)	Notes
RD-67	05/02/06	1901.71	45.46	1856.25	
RD-67	07/31/06	1901.71	48.08	1853.63	
RD-67	10/25/06	1901.71	51.34	1850.37	
RD-68A	02/23/06	1307.64	<0.00	1307.64	(A)
RD-68A	05/23/06	1307.64	-11.55	1319.19	(A)
RD-68A	08/23/06	1307.64	-11.55	1319.19	(A)
RD-68A	11/14/06	1307.64	<0.00	1307.64	(A)
RD-68B	02/23/06	1312.44	<0.00	1312.44	(A)
RD-68B	05/23/06	1312.44	<0.00	1312.44	(A)
RD-68B	08/23/06	1312.44	<0.00	1312.44	(A)
RD-68B	11/14/06	1312.44	<0.00	1312.44	(A)
RD-69	02/01/06	1831.28	48.22	1783.06	
RD-69	05/03/06	1831.28	38.90	1792.38	
RD-69	08/30/06	1831.28	45.47	1785.81	
RD-69	10/23/06	1831.28	47.25	1784.03	
RD-70	01/31/06	1732.26	161.54	1570.72	
RD-70	05/03/06	1732.26	156.32	1575.94	
RD-70	08/01/06	1732.26	156.81	1575.45	
RD-70	10/24/06	1732.26	157.38	1574.88	
RD-71	02/22/06	1740.02	184.46	1555.56	
RD-71	05/03/06	1740.02	183.95	1556.07	
RD-71	08/02/06	1740.02	183.92	1556.10	
RD-71	10/26/06	1740.02	183.95	1556.07	
RD-72	01/31/06	1907.25			(1)
RD-72	05/01/06	1907.25			(1)
RD-72	08/01/06	1907.25			(1)
RD-72	10/25/06	1907.25			(1)
RD-73	01/31/06	1901.60	77.72	1823.88	
RD-73	05/03/06	1901.60	75.45	1826.15	
RD-73	08/01/06	1901.60	74.76	1826.84	
RD-73	10/24/06	1901.60	75.33	1826.27	
RD-74	02/01/06	1810.90	44.92	1765.98	
RD-74	05/02/06	1810.90	29.32	1781.58	
RD-74	08/02/06	1810.90	48.87	1762.03	
RD-74	10/25/06	1810.90	66.30	1744.60	
RD-75	02/01/06	1613.30	388.16	1225.14	
RD-75	05/04/06	1613.30	387.65	1225.65	
RD-75	08/01/06	1613.30	387.62	1225.68	
RD-75	10/25/06	1613.30	387.45	1225.85	
RD-76	02/01/06	1772.27	127.94	1644.33	(C)
RD-76	05/04/06	1772.27	127.45	1644.82	(C)
RD-76	08/01/06	1772.27	127.42	1644.85	(C)
RD-76	10/24/06	1772.27	127.35	1644.92	(C)
RD-77	01/31/06	1918.48	96.33	1822.15	
RD-77	05/03/06	1918.48	95.89	1822.59	
RD-77	08/02/06	1918.48	94.73	1823.75	
RD-77	10/24/06	1918.48	95.22	1823.26	
RD-78	01/31/06	1819.84	256.66	1563.18	
RD-78	05/04/06	1819.84	254.32	1565.52	

See last page of Table II for notes and abbreviations.

TABLE II
SUMMARY OF WATER LEVEL DATA, 2006
BOEING SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well Identifier	Date of Measurement	Reference Point Elevation (feet above MSL)	Depth to Water (feet)	Static Water Level Elevation (feet above MSL)	Notes
RD-78	08/01/06	1819.84	254.07	1565.77	
RD-78	10/25/06	1819.84	253.02	1566.82	
RD-80	01/31/06	1740.18	162.68	1577.50	
RD-80	05/03/06	1740.18	158.01	1582.17	
RD-80	08/01/06	1740.18	155.97	1584.21	
RD-80	10/24/06	1740.18	154.50	1585.68	
RD-81	01/31/06	1705.77	128.02	1577.75	
RD-81	05/03/06	1705.77	122.74	1583.03	
RD-81	08/01/06	1705.77	121.27	1584.50	
RD-81	10/24/06	1705.77	119.96	1585.81	
RD-82	01/31/06	1676.73	98.97	1577.76	
RD-82	05/04/06	1676.73	94.51	1582.22	
RD-82	08/01/06	1676.73	92.58	1584.15	
RD-82	10/23/06	1676.73	91.06	1585.67	
RD-83	02/01/06	1661.18	83.84	1577.34	
RD-83	05/03/06	1661.18	79.17	1582.01	
RD-83	08/01/06	1661.18	77.53	1583.65	
RD-83	10/24/06	1661.18	76.19	1584.99	
RD-84	01/31/06	1907.82	134.98	1772.84	
RD-84	05/03/06	1907.82	133.36	1774.46	
RD-84	08/01/06	1907.83	133.39	1774.44	
RD-84	10/24/06	1907.83	133.65	1774.18	
RD-85	01/31/06	1849.09	54.05	1795.04	
RD-85	05/02/06	1849.09	48.77	1800.32	
RD-85	08/01/06	1849.09	49.87	1799.22	
RD-85	10/24/06	1849.09	53.44	1795.65	
RD-86	01/31/06	1830.51	27.95	1802.56	
RD-86	05/02/06	1830.51	24.39	1806.12	
RD-86	08/01/06	1830.51	25.19	1805.32	
RD-86	10/24/06	1832.31	27.85	1804.46	
RD-87	01/31/06	1789.09	43.02	1746.07	
RD-87	05/02/06	1789.09	37.26	1751.83	
RD-87	07/31/06	1789.09	43.63	1745.46	
RD-87	10/24/06	1789.09	44.12	1744.97	
RD-88	01/31/06	1774.62	18.62	1756.00	
RD-88	05/02/06	1774.62	17.94	1756.68	
RD-88	08/01/06	1774.62	20.50	1754.12	
RD-88	10/24/06	1774.62	20.86	1753.76	
RD-89	01/31/06	1814.18	35.92	1778.26	
RD-89	05/02/06	1814.18	32.52	1781.66	
RD-89	08/01/06	1814.18	32.84	1781.34	
RD-89	10/24/06	1814.18	35.00	1779.18	
RD-90	01/31/06	1784.75	27.50	1757.25	
RD-90	05/02/06	1784.75	24.37	1760.38	
RD-90	07/31/06	1784.75	26.28	1758.47	
RD-90	10/24/06	1784.75	27.86	1756.89	
RD-91	02/01/06	1818.04	16.09	1801.95	
RD-91	05/02/06	1818.04	14.15	1803.89	
RD-91	08/02/06	1818.04	15.88	1802.16	

See last page of Table II for notes and abbreviations.

TABLE II
SUMMARY OF WATER LEVEL DATA, 2006
BOEING SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well Identifier	Date of Measurement	Reference Point Elevation (feet above MSL)	Depth to Water (feet)	Static Water Level Elevation (feet above MSL)	Notes
RD-91	10/23/06	1818.04	19.00	1799.04	
RD-92	01/31/06	1833.74	56.69	1777.05	
RD-92	05/02/06	1833.74	55.29	1778.45	
RD-92	08/02/06	1833.74	54.97	1778.77	
RD-92	10/24/06	1833.74	54.56	1779.18	
RD-93	01/31/06	1810.48	33.35	1777.13	
RD-93	05/02/06	1810.48	34.42	1776.06	
RD-93	07/31/06	1810.48	33.35	1777.13	
RD-93	10/24/06	1810.48	32.19	1778.29	
RD-94	02/01/06	1744.38	13.95	1730.43	
RD-94	05/02/06	1744.38	9.75	1734.63	
RD-94	08/01/06	1744.38	12.35	1732.03	
RD-94	10/24/06	1744.38	14.34	1730.04	
RD-95	01/31/06	1811.36	48.00	1763.36	
RD-95	05/09/06	1811.36	49.27	1762.09	
RD-95	08/01/06	1811.36	46.97	1764.39	
RD-95	10/24/06	1811.36	47.35	1764.01	
RD-96	05/04/06	1805.14	47.14	1758.00	
RD-96	08/02/06	1805.14	43.08	1762.06	
RD-96	10/25/06	1805.14	Dry	---	
RD-97	05/05/06	1792.22	41.91	1750.31	
RD-97	08/02/06	1792.22	50.58	1741.64	
RD-97	10/25/06	1792.22	44.40	1747.82	
HAR-01	01/31/06	1874.13	56.35	1817.78	(C)
HAR-01	05/03/06	1874.13	55.64	1818.49	(C)
HAR-01	08/01/06	1874.13	55.71	1818.42	(C)
HAR-01	10/24/06	1874.13	54.63	1819.50	(C)
HAR-05	01/31/06	1812.65	20.17	1792.48	
HAR-05	05/02/06	1812.65	15.54	1797.11	
HAR-05	07/31/06	1812.65	18.12	1794.53	
HAR-05	10/25/06	1812.65	20.62	1792.03	
HAR-06	01/31/06	1815.03	21.04	1793.99	
HAR-06	05/02/06	1815.03	11.33	1803.70	
HAR-06	08/02/06	1815.03	17.26	1797.77	
HAR-06	10/25/06	1815.03	21.52	1793.51	
HAR-07	01/31/06	1728.38	59.43	1668.95	
HAR-07	05/04/06	1728.38	40.76	1687.62	
HAR-07	08/02/06	1728.38	47.54	1680.84	
HAR-07	10/26/06	1728.38	57.63	1670.75	
HAR-08	01/31/06	1730.75	36.33	1694.42	
HAR-08	05/04/06	1730.75	28.33	1702.42	
HAR-08	08/02/06	1730.75	31.39	1699.36	
HAR-08	10/24/06	1730.75	34.92	1695.83	
HAR-16	01/30/06	1872.31	51.66	1820.65	
HAR-16	05/03/06	1872.31	49.29	1823.02	
HAR-16	08/01/06	1872.31	49.29	1823.02	
HAR-16	10/24/06	1872.31	49.95	1822.36	
HAR-17	01/31/06	1711.59	14.21	1697.38	
HAR-17	05/03/06	1711.59	11.33	1700.26	

See last page of Table II for notes and abbreviations.

TABLE II

SUMMARY OF WATER LEVEL DATA, 2006
BOEING SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well Identifier	Date of Measurement	Reference Point Elevation (feet above MSL)	Depth to Water (feet)	Static Water Level Elevation (feet above MSL)	Notes
HAR-17	08/01/06	1711.59	13.13	1698.46	
HAR-17	11/13/06	1711.59	15.52	1696.07	
HAR-18	01/31/06	1749.41	17.92	1731.49	
HAR-18	05/03/06	1749.41	14.05	1735.36	
HAR-18	08/02/06	1749.41	13.14	1736.27	
HAR-18	10/25/06	1749.41	16.02	1733.39	
HAR-19	02/01/06	1833.42	199.48	1633.94	
HAR-19	05/02/06	1833.42	196.70	1636.72	
HAR-19	08/02/06	1833.42	Dry	---	
HAR-19	10/25/06	1833.42	192.80	1640.62	
HAR-20	02/01/06	1830.47	197.22	1633.25	
HAR-20	05/02/06	1830.47	193.80	1636.67	
HAR-20	08/02/06	1830.47	191.45	1639.02	
HAR-20	10/25/06	1830.47	199.31	1631.16	
HAR-21	02/01/06	1821.30	6.78	1814.52	
HAR-21	05/02/06	1821.30	4.96	1816.34	
HAR-21	08/02/06	1821.30	9.21	1812.09	
HAR-21	10/25/06	1821.30	11.71	1809.59	
HAR-22	01/31/06	1816.41	27.30	1789.11	
HAR-22	05/02/06	1816.41	24.05	1792.36	
HAR-22	08/02/06	1816.41	25.96	1790.45	
HAR-22	10/26/06	1816.41	28.40	1788.01	
HAR-23	01/31/06	1805.87	20.27	1785.60	
HAR-23	05/02/06	1805.87	14.65	1791.22	
HAR-23	07/31/06	1805.87	18.03	1787.84	
HAR-23	10/25/06	1805.87	19.19	1786.68	
HAR-24	01/31/06	1906.89	85.51	1821.38	
HAR-24	05/03/06	1906.89	84.39	1822.50	
HAR-24	08/01/06	1906.89	83.44	1823.45	
HAR-24	10/24/06	1906.89	84.15	1822.74	
HAR-25	01/30/06	1889.75	65.11	1824.64	
HAR-25	05/03/06	1889.75	63.20	1826.55	
HAR-25	08/01/06	1889.75	62.31	1827.44	
HAR-25	10/24/06	1889.75	63.91	1825.84	
HAR-26	01/30/06	1763.23	16.94	1746.29	
HAR-26	05/02/06	1763.23	13.86	1749.37	
HAR-26	08/02/06	1763.23	16.81	1746.42	
HAR-26	10/25/06	1763.23	21.39	1741.84	
WS-04A	01/31/06	1749.77	173.27	1576.50	
WS-04A	05/03/06	1749.77	168.60	1581.17	
WS-04A	08/01/06	1749.77	167.07	1582.70	
WS-04A	10/25/06	1749.77	165.20	1584.57	
WS-05	02/01/06	1830.20	250.05	1580.15	
WS-05	05/03/06	1830.20	246.95	1583.25	
WS-05	07/31/06	1830.20	233.32	1596.88	
WS-05	10/23/06	1830.20	236.16	1594.04	
WS-06	02/01/06	1932.72	355.06	1577.66	
WS-06	05/02/06	1932.72	350.99	1581.73	
WS-06	08/02/06	1932.72	348.12	1584.60	

See last page of Table II for notes and abbreviations.

TABLE II

SUMMARY OF WATER LEVEL DATA, 2006
BOEING SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well Identifier	Date of Measurement	Reference Point Elevation (feet above MSL)	Depth to Water (feet)	Static Water Level Elevation (feet above MSL)	Notes
WS-06	10/25/06	1932.72	346.68	1586.04	
WS-07	01/31/06	1826.19	50.77	1775.42	
WS-07	05/02/06	1826.19	46.31	1779.88	
WS-07	08/01/06	1826.19	48.18	1778.01	
WS-07	10/26/06	1826.19	50.62	1775.57	
WS-08	01/31/06	1794.39	150.76	1643.63	
WS-08	05/09/06	1794.39	UTM	---	
WS-08	08/02/06	1794.39	144.82	1649.57	
WS-08	10/23/06	1794.39	NM	---	
WS-09	02/01/06	1883.99	302.73	1581.26	
WS-09	05/02/06	1883.99	300.65	1583.34	
WS-09	08/02/06	1883.99	297.17	1586.82	
WS-09	10/25/06	1883.99	294.96	1589.03	
WS-09A	01/31/06	1647.61	22.22	1625.39	
WS-09A	05/02/06	1647.61	22.98	1624.63	
WS-09A	07/31/06	1647.61	22.68	1624.93	
WS-09A	10/24/06	1647.61	23.32	1624.29	
WS-09B	02/01/06	1796.89	130.68	1666.21	
WS-09B	05/03/06	1796.89	124.05	1672.84	
WS-09B	08/02/06	1796.89	120.82	1676.07	
WS-09B	10/25/06	1796.89	124.78	1672.11	
WS-11	02/01/06	1748.70	36.03	1712.67	
WS-11	05/03/06	1748.70	33.53	1715.17	
WS-11	08/01/06	1748.70	33.53	1715.17	
WS-11	10/25/06	1748.70	34.69	1714.01	
WS-12	01/31/06	1705.98	128.76	1577.22	
WS-12	05/03/06	1705.98	124.25	1581.73	
WS-12	08/01/06	1705.98	122.18	1583.80	
WS-12	10/24/06	1705.98	120.68	1585.30	
WS-13	02/01/06	1658.62	81.35	1577.27	
WS-13	05/03/06	1658.62	76.83	1581.79	
WS-13	08/01/06	1658.62	74.72	1583.90	
WS-13	10/24/06	1658.62	73.25	1585.37	
WS-14	01/31/06	1878.23	336.12	1542.11	
WS-14	05/03/06	1878.23	333.47	1544.76	
WS-14	08/02/06	1878.23	330.02	1548.21	
WS-14	10/25/06	1878.23	327.64	1550.59	
WS-SP	01/31/06	1766.76	15.22	1751.54	
WS-SP	05/04/06	1766.76	12.61	1754.15	
WS-SP	08/02/06	1766.76	15.62	1751.14	
WS-SP	10/25/06	1766.76	17.92	1748.84	
OS-24	02/08/06	1947.30	UTM	---	The partially removed Flute
OS-24	05/03/06	1947.30	UTM	---	system at OS-24 prevented
OS-24	08/01/06	1947.30	UTM	---	water level measurement.
OS-24	10/26/06	1947.30	UTM	---	
OS-25	02/08/06	2043.58	440.21	1603.37	
OS-25	05/03/06	2043.58	472.00	1571.58	
OS-25	08/02/06	2043.58	470.00	1573.58	
OS-25	10/26/06	2043.58	UTM	---	

See last page of Table II for notes and abbreviations.

TABLE II

SUMMARY OF WATER LEVEL DATA, 2006
BOEING SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well Identifier	Date of Measurement	Reference Point Elevation (feet above MSL)	Depth to Water (feet)	Static Water Level Elevation (feet above MSL)	Notes
OS-26	02/08/06	2080.58	211.18	1869.40	
OS-26	05/03/06	2080.58	211.79	1868.79	
OS-26	08/02/06	2080.58	211.25	1869.33	
OS-26	10/26/06	2080.58	213.20	1867.38	

See last page of Table II for notes and abbreviations.

TABLE II
NOTES AND ABBREVIATIONS

1. (A) = Artesian with hydrostatic head above land surface.
2. (C) = Depth to water measured from top of casing. During the monitoring period, pumps had been removed from several wells to allow hydrogeologic testing.
3. (ft btc) = Feet below top of casing.
4. MSL = Mean Sea Level.
5. NM = Not measured.
6. UTM = Unable to measure.
7. (---) = No data available/not applicable.
8. (P) = Pumping water level.
9. (1) = FLUTe installed in well. Water level could not be measured. Water levels recorded by dataloggers at saturated ports were provided by MWH for the following wells:

Well	Date	Time	Port	Spacer Interval (ft btc)	Depth to Water (ft btc)
RD-07	No datalogger installed 1st quarter 2006				
	No datalogger installed 2nd quarter 2006				
	No datalogger installed 3rd quarter 2006				
	No datalogger installed 4th quarter 2006				
RD-21	01/31/06	11:37	1	85 - 95	Dry
			2	105 - 115	80.450
			3	125 - 135	80.545
			4	145 - 155	93.568
			5	165 - 175	80.376
	05/02/06	11:37	1	85 - 95	Dry
			2	105 - 115	81.105
			3	125 - 135	95.419
			4	145 - 155	95.083
			5	165 - 175	81.077
	Datalogger communication failure during the 3rd quarter 2006				
	10/24/06	13:02	1	85 - 95	Dry
			2	105 - 115	81.352
			3	125 - 135	81.841
			4	145 - 155	97.170
			5	165 - 175	81.149
RD-22	01/31/06	13:09	1	310 - 320	296.489
			2	330 - 340	296.001
			3	350 - 360	296.260
			4	370 - 380	296.912
			5	390 - 400	296.663
			6	410 - 420	296.811
			7	430 - 440	---

TABLE II

NOTES AND ABBREVIATIONS

Well	Date	Time	Port	Spacer Interval (ft btc)	Depth to Water (ft btc)
RD-22	05/02/06	13:09	1	310 - 320	295.974
			2	330 - 340	295.438
			3	350 - 360	295.698
			4	370 - 380	296.305
			5	390 - 400	256.156
			6	410 - 420	296.350
			7	430 - 440	---
	08/01/06	13:09	1	310 - 320	295.617
			2	330 - 340	295.120
			3	350 - 360	295.295
			4	370 - 380	298.313
			5	390 - 400	295.867
			6	410 - 420	296.004
			7	430 - 440	---
	10/24/06	13:09	1	310 - 320	295.075
			2	330 - 340	294.788
			3	350 - 360	294.835
			4	370 - 380	297.678
			5	390 - 400	295.607
			6	410 - 420	295.731
			7	430 - 440	---
RD-23	01/31/06	15:14	1	231 - 241	231.177
			2	251 - 261	228.435
			3	271 - 281	229.095
			4	291 - 301	Dry
			5	311 - 321	231.032
			6	331 - 341	231.730
			7	351 - 361	232.405
			8	371 - 381	---
			9	391 - 396.5	---
	Datalogger communication failure during the 2nd quarter 2006				
	08/01/06	15:14	1	231 - 241	226.727
			2	251 - 261	225.798
			3	271 - 281	228.766
			4	291 - 301	Dry
			5	311 - 321	232.244
			6	331 - 341	233.328
			7	351 - 361	234.045
			8	371 - 381	---
		15:31	9	391 - 396.5	---
	10/23/06	12:30	1	231 - 241	225.025
			2	251 - 261	225.168
			3	271 - 281	230.340
			4	291 - 301	Dry
			5	311 - 321	234.274
			6	331 - 341	235.381
			7	351 - 361	236.081
			8	371 - 381	---
		15:31	9	391 - 396.5	---

Well	Date	Time	Port	Spacer Interval (ft btc)	Depth to Water (ft btc)
RD-33A	01/31/06	14:36	1	211 - 221	Dry
			2	231 - 241	202.829
			3	251 - 261	202.584
			4	271 - 281	203.007
			5	291 - 301	202.195
			6	311 - 321	202.535
	05/02/06	14:36	1	211 - 221	202.369
			2	231 - 241	202.419
			3	251 - 261	202.234
			4	271 - 281	202.627
			5	291 - 301	201.758
			6	311 - 321	202.157
	08/01/06	14:36	1	211 - 221	202.077
			2	231 - 241	202.140
			3	251 - 261	202.030
			4	271 - 281	202.393
			5	291 - 301	201.408
			6	311 - 321	201.821
	10/24/06	14:36	1	211 - 221	201.931
			2	231 - 241	201.979
			3	251 - 261	202.059
			4	271 - 281	202.437
			5	291 - 301	201.336
			6	311 - 321	201.792
RD-50	01/31/06	12:30	1	106 - 116	82.778
			2	126 - 136	83.634
			3	146 - 156	83.131
			4	166 - 176	83.377
			5	186 - 196	83.772
	05/02/06	12:30	1	106 - 116	86.622
			2	126 - 136	87.349
			3	146 - 156	86.761
			4	166 - 176	87.054
			5	186 - 196	87.408
	08/01/06	12:30	1	106 - 116	85.517
			2	126 - 136	88.220
			3	146 - 156	87.524
			4	166 - 176	87.868
			5	186 - 196	88.244
	11/09/06	13:41	1	106 - 116	90.609
			2	126 - 136	91.252
			3	146 - 156	90.405
			4	166 - 176	90.774
			5	186 - 196	91.230
RD-54A	01/31/06	15:28	1	150.5 - 160.5	Dry
			2	170.5 - 180.5	147.915
			3	190.5 - 200.5	---
			4	210.5 - 220.5	152.076
			5	230.5 - 240.5	---
			6	250.5 - 260.5	---
			7	270.5 - 280.5	182.162

Well	Date	Time	Port	Spacer Interval (ft btc)	Depth to Water (ft btc)
RD-54A	Datalogger communication failure during the 2nd quarter 2006				
	Datalogger communication failure during the 3rd quarter 2006				
	10/24/06	10:20	1	150.5 - 160.5	Dry
			2	170.5 - 180.5	146.747
			3	190.5 - 200.5	---
			4	210.5 - 220.5	149.832
			5	230.5 - 240.5	---
			6	250.5 - 260.5	---
			7	270.5 - 280.5	181.169
RD-57	01/31/06	14:00	1	228 - 238	Dry
			2	248 - 258	Dry
			3	268 - 278	Dry
			4	288 - 298	Dry
			5	308 - 318	Dry
			6	328 - 338	Dry
			7	348 - 358	337.105
			8	368 - 378	346.226
			9	388 - 398	346.023
			10	408 - 418	344.632
	05/02/06	14:00	1	228 - 238	Dry
			2	248 - 258	Dry
			3	268 - 278	Dry
			4	288 - 298	Dry
			5	308 - 318	Dry
			6	328 - 338	Dry
			7	348 - 358	326.727
			8	368 - 378	345.097
			9	388 - 398	344.245
			10	408 - 418	342.726
	08/01/06	14:00	1	228 - 238	Dry
			2	248 - 258	Dry
			3	268 - 278	Dry
			4	288 - 298	Dry
			5	308 - 318	Dry
			6	328 - 338	Dry
			7	348 - 358	333.911
			8	368 - 378	345.937
			9	388 - 398	345.091
			10	408 - 418	343.549
	10/24/06	14:00	1	228 - 238	Dry
			2	248 - 258	Dry
			3	268 - 278	Dry
			4	288 - 298	Dry
			5	308 - 318	Dry
			6	328 - 338	Dry
			7	348 - 358	334.634
			8	368 - 378	345.546
			9	388 - 398	344.761
			10	408 - 418	343.217

Well	Date	Time	Port	Spacer Interval (ft btc)	Depth to Water (ft btc)
RD-64	01/31/06	14:23	1	170.5 - 180.5	---
			2	190.5 - 200.5	Dry
			3	210.5 - 220.5	---
			4	230.5 - 240.5	---
			5	250.5 - 260.5	231.257
			6	270.5 - 280.5	223.302
			7	290.5 - 300.5	---
			8	310.5 - 320.5	231.437
			9	330.5 - 340.5	---
			10	350.5 - 360.5	232.289
			11	370.5 - 380.5	232.554
			12	390.5 - 400.5	231.928
	05/02/06	14:23	1	170.5 - 180.5	---
			2	190.5 - 200.5	Dry
			3	210.5 - 220.5	---
			4	230.5 - 240.5	---
			5	250.5 - 260.5	230.283
			6	270.5 - 280.5	214.895
			7	290.5 - 300.5	---
			8	310.5 - 320.5	230.904
			9	330.5 - 340.5	---
			10	350.5 - 360.5	231.337
			11	370.5 - 380.5	231.712
			12	390.5 - 400.5	230.852
	08/01/06	14:23	1	170.5 - 180.5	---
			2	190.5 - 200.5	Dry
			3	210.5 - 220.5	---
			4	230.5 - 240.5	---
			5	250.5 - 260.5	230.24
			6	270.5 - 280.5	---
			7	290.5 - 300.5	---
			8	310.5 - 320.5	230.774
			9	330.5 - 340.5	---
			10	350.5 - 360.5	231.236
			11	370.5 - 380.5	231.683
			12	390.5 - 400.5	230.636
	10/24/06	14:23	1	170.5 - 180.5	---
			2	190.5 - 200.5	Dry
			3	210.5 - 220.5	---
			4	230.5 - 240.5	---
			5	250.5 - 260.5	229.449
			6	270.5 - 280.5	---
			7	290.5 - 300.5	---
			8	310.5 - 320.5	230.327
			9	330.5 - 340.5	---
			10	350.5 - 360.5	230.630
			11	370.5 - 380.5	231.175
			12	390.5 - 400.5	230.148

Well	Date	Time	Port	Spacer Interval (ft btc)	Depth to Water (ft btc)
RD-65	01/31/06	11:32	1	167 - 177	Dry
			2	187 - 197	Dry
			3	207 - 217	Dry
			4	227 - 237	216.839
			5	247 - 257	218.407
			6	267 - 277	229.075
			7	287 - 297	---
			8	307 - 317	233.249
		11:57	9	327 - 337	250.715
			10	347 - 357	---
			11	367 - 377	---
			12	387 - 397	---
	05/02/06	11:32	1	167 - 177	Dry
			2	187 - 197	Dry
			3	207 - 217	Dry
			4	227 - 237	215.816
			5	247 - 257	217.778
			6	267 - 277	229.236
			7	287 - 297	227.725
			8	307 - 317	232.762
		11:57	9	327 - 337	250.011
			10	347 - 357	245.042
			11	367 - 377	---
			12	387 - 397	---
	08/01/06	11:32	1	167 - 177	Dry
			2	187 - 197	Dry
			3	207 - 217	Dry
			4	227 - 237	215.509
			5	247 - 257	217.310
			6	267 - 277	229.499
			7	287 - 297	227.447
			8	307 - 317	232.604
		11:57	9	327 - 337	249.709
			10	347 - 357	244.622
			11	367 - 377	---
			12	387 - 397	---
	10/24/06	Battery failed; no data this quarter for Ports 1 through 8			
		11:57	9	327 - 337	249.536
			10	347 - 357	244.375
			11	367 - 377	---
			12	387 - 397	---
RD-72	01/31/06	13:55	1	45 - 55	Dry
			2	65 - 75	Dry
			3	85 - 95	91.523
			4	105 - 115	90.931
			5	125 - 135	90.611
			6	145 - 155	100.971
			7	165 - 175	88.768
			8	185 - 195	88.368

TABLE II

NOTES AND ABBREVIATIONS

Well	Date	Time	Port	Spacer Interval (ft btc)	Depth to Water (ft btc)
RD-72	05/02/06	13:55	1	45 - 55	Dry
			2	65 - 75	Dry
			3	85 - 95	89.915
			4	105 - 115	89.273
			5	125 - 135	88.960
			6	145 - 155	99.965
			7	165 - 175	87.264
			8	185 - 195	86.704
	08/01/06	13:55	1	45 - 55	Dry
			2	65 - 75	Dry
			3	85 - 95	89.901
			4	105 - 115	89.202
			5	125 - 135	88.771
			6	145 - 155	100.228
			7	165 - 175	86.899
			8	185 - 195	86.135
	10/24/06	13:55	1	45 - 55	Dry
			2	65 - 75	Dry
			3	85 - 95	91.021
			4	105 - 115	90.059
			5	125 - 135	89.574
			6	145 - 155	102.56
			7	165 - 175	87.746
			8	185 - 195	86.821

TABLE III

SUMMARY OF RESULTS FOR VOLATILE ORGANIC COMPOUNDS
IN SHALLOW WELLS, 2006
BOEING SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well Identifier	SH-03	SH-03	SH-03	SH-03	SH-04	SH-11	SH-11
Sample Date	02/15/06	02/15/06	02/15/06	08/31/06	05/10/06	02/09/06	08/23/06
Sample Type	Primary	Dup	Split	Primary	Primary	Primary	Primary
Analysis Method	8260B	8260B	8260B	8260B	8260B	8260B	8260B
Laboratory	DMA	DMA	DMA	TA	TA	DMA	TA
Compound (ug/l)							
1,1,1-Trichloroethane	6.7 J	---	---	5.8	3.7	0.3 U	0.3 U
1,1,2,2-Tetrachloroethane	1.2 U	---	---	0.96 U	0.24 U	0.24 U	0.24 U
1,1,2-Trichloroethane	1.5 U	---	---	1.2 U	0.3 U	0.3 U	0.3 U
1,1-Dichloroethane	35 J	---	---	36	18	0.27 U	0.27 U
1,1-Dichloroethene	9 J	---	---	10	5.9	0.42 U	0.42 U
1,2-Dichlorobenzene	1.6 U	---	---	1.3 U	0.32 U	0.32 U	0.32 U
1,2-Dichloroethane	42 J	---	---	290	6	0.28 U	0.28 U
1,2-Dichloropropane	1.8 U	---	---	1.4 U	0.35 U	0.35 U	0.35 U
1,3-Dichlorobenzene	1.8 U	---	---	1.4 U	0.35 U	0.35 U	0.35 U
1,4-Dichlorobenzene	1.8 U	---	---	1.5 U	0.37 U	0.37 U	0.37 U
1,4-Dioxane	21	21	19	---	27	---	---
2-Butanone	19 U	---	---	15 U	3.8 U	3.8 U	3.8 U
2-Hexanone	13 U	---	---	10 U	2.6 U	2.6 U	2.6 U
4-Methyl-2-pentanone (MIBK)	12 U	---	---	14 U	3.5 U	2.5 U	3.5 U
Acetone	22 U	---	---	18 U	4.5 U	4.5 U	4.5 U
Benzene	1.4 U	---	---	1.1 U	0.28 U	0.28 U	0.28 U
Bromodichloromethane	1.5 U	---	---	1.2 U	0.3 U	0.3 U	0.3 U
Bromoform	1.6 U	---	---	1.3 U	0.32 U	0.32 U	0.32 U
Bromomethane	2.1 U	---	---	1.7 U	0.42 U	0.42 U	0.42 U
Carbon disulfide	2.4 U	---	---	1.9 U	0.48 U	0.48 U	0.48 U
Carbon tetrachloride	100 J	---	---	110	87	0.28 U	0.28 U
Chlorobenzene	1.8 U	---	---	1.4 U	0.36 U	0.36 U	0.36 U
Chloroethane	1.6 U	---	---	1.6 U	0.4 U	0.33 U	0.4 U
Chloroform	280 J	---	---	190	38	0.33 U	0.33 U
Chloromethane	1.5 U	---	---	1.2 U	0.3 U	0.3 U	0.3 U
cis-1,2-Dichloroethene	19 J	---	---	20	12	0.32 U	0.35 J
cis-1,3-Dichloropropene	1.1 U	---	---	0.88 U	0.22 U	0.22 U	0.22 U
Dibromochloromethane	1.4 U	---	---	1.1 U	0.28 U	0.28 U	0.28 U
Ethylbenzene	1.2 U	---	---	1 U	0.25 U	0.25 U	0.25 U
m,p-Xylenes	2.6 U	---	---	2.4 U	0.6 U	0.52 U	0.6 U
Methylene chloride	2.6 U	---	---	2.8 U	1.2 U	0.51 U	0.7 U
o-Xylene	1.2 U	---	---	1.2 U	0.3 U	0.24 U	0.3 U
Tetrachloroethene	11 J	---	---	14	8.6	0.32 U	0.32 U
Toluene	1.8 U	---	---	1.4 U	0.36 U	0.36 U	0.36 U
trans-1,2-Dichloroethene	1.4 U	---	---	1.1 U	0.38 J	0.27 U	0.27 U
trans-1,3-Dichloropropene	1.6 U	---	---	1.3 U	0.32 U	0.32 U	0.32 U
Trichloroethene	130 J	---	---	150	81	0.26 U	0.26 U
Trichlorofluoromethane	1.7 U	---	---	1.4 U	0.34 U	0.34 U	0.34 U
Trichlorotrifluoroethane (Freon 113)	17 J	---	---	93	---	1.2 U	1.2 U
Vinyl chloride	1.3 U	---	---	1 U	0.93 J	0.26 U	0.26 U

See last page of Table III for notes and abbreviations.

TABLE III
SUMMARY OF RESULTS FOR VOLATILE ORGANIC COMPOUNDS
IN SHALLOW WELLS, 2006
BOEING SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well Identifier	ECL-Sump	RS-07	RS-07	RS-07	RS-07	RS-08	RS-08
Sample Date	08/30/06	02/15/06	02/15/06	02/15/06	09/01/06	05/09/06	11/01/06
Sample Type	Primary	Primary	Dup	Split	Primary	Primary	Primary
Analysis Method	8260B	8260B	8260B	8260B	8260B	8260B	8260B
Laboratory	TA	DMA	DMA	DMA	TA	TA	TA
Compound (ug/l)							
1,1,1-Trichloroethane	2.3	0.3 U	---	---	0.3 U	0.3 U	0.3 U
1,1,2,2-Tetrachloroethane	0.24 U	0.24 U	---	---	0.24 U	0.24 U	0.24 U
1,1,2-Trichloroethane	0.3 U	0.3 U	---	---	0.3 U	0.3 U	0.3 U
1,1-Dichloroethane	16	0.27 U	---	---	0.27 U	0.27 U	0.27 U
1,1-Dichloroethene	4.7	0.42 U	---	---	0.42 U	0.42 U	0.42 U
1,2-Dichlorobenzene	0.32 U	0.32 U	---	---	0.32 U	0.32 U	0.32 U
1,2-Dichloroethane	3.4	0.28 U	---	---	0.28 U	0.28 U	0.28 U
1,2-Dichloropropane	0.35 U	0.35 U	---	---	0.35 U	0.35 U	0.35 U
1,3-Dichlorobenzene	0.35 U	0.35 U	---	---	0.35 U	0.35 U	0.35 U
1,4-Dichlorobenzene	0.37 U	0.37 U	---	---	0.37 U	0.37 U	0.37 U
1,4-Dioxane	---	1.3	1.4	1.8 J	---	0.72 J	---
2-Butanone	3.8 U	3.8 U	---	---	3.8 U	3.8 U	3.8 U
2-Hexanone	2.6 U	2.6 U	---	---	2.6 U	2.6 U	2.6 U
4-Methyl-2-pentanone (MIBK)	3.5 U	2.5 U	---	---	3.5 U	3.5 U	3.5 U
Acetone	4.5 U	4.5 U	---	---	4.5 U	4.5 U	4.5 U
Benzene	0.88 C	0.28 U	---	---	0.28 U	0.28 U	0.28 U
Bromodichloromethane	0.3 U	0.3 U	---	---	0.3 U	0.3 U	0.3 U
Bromoform	0.32 U	0.32 U	---	---	0.32 U	0.32 U	0.32 U
Bromomethane	0.42 U	0.42 U	---	---	0.42 U	0.42 U	0.42 U
Carbon disulfide	0.48 U	0.48 U	---	---	0.48 U	0.48 U	0.48 U
Carbon tetrachloride	21	0.28 U	---	---	0.28 U	0.28 U	0.28 U
Chlorobenzene	0.36 U	0.36 U	---	---	0.36 U	0.36 U	0.36 U
Chloroethane	0.4 U	0.33 U	---	---	0.4 U	0.4 U	0.4 U
Chloroform	27	0.33 U	---	---	0.33 U	0.33 U	0.33 U
Chloromethane	0.3 U	0.3 U	---	---	0.3 U	0.3 U	0.3 U
cis-1,2-Dichloroethene	10	0.86 J	---	---	0.54 J	8.5	50
cis-1,3-Dichloropropene	0.22 U	0.22 U	---	---	0.22 U	0.22 U	0.22 U
Dibromochloromethane	0.28 U	0.28 U	---	---	0.28 U	0.28 U	0.28 U
Ethylbenzene	0.25 U	0.25 U	---	---	0.25 U	0.25 U	0.25 U
m,p-Xylenes	0.6 U	0.52 U	---	---	0.6 U	0.6 U	0.6 U
Methylene chloride	0.7 U	1.9 U	---	---	0.7 U	1.4 U	0.7 U
o-Xylene	0.3 U	0.24 U	---	---	0.3 U	0.3 U	0.3 U
Tetrachloroethene	4.1	0.32 U	---	---	0.32 U	0.32 U	0.32 U
Toluene	0.36 U	0.36 U	---	---	0.36 U	0.36 U	0.36 U
trans-1,2-Dichloroethene	0.27 U	0.27 U	---	---	0.27 U	0.79 J	6.1
trans-1,3-Dichloropropene	0.32 U	0.32 U	---	---	0.32 U	0.32 U	0.32 U
Trichloroethene	59	1.6	---	---	0.26 U	0.26 U	0.26 U
Trichlorofluoromethane	0.34 U	0.34 U	---	---	0.34 U	0.34 U	0.34 U
Trichlorotrifluoroethane (Freon 113)	37	1.2 U	---	---	1.2 U	---	1.2 U
Vinyl chloride	0.26 U	0.26 U	---	---	0.26 U	1 J	5.9

See last page of Table III for notes and abbreviations.

TABLE III
SUMMARY OF RESULTS FOR VOLATILE ORGANIC COMPOUNDS
IN SHALLOW WELLS, 2006
BOEING SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well Identifier	RS-11	RS-11	RS-13	RS-13	RS-18	RS-19	RS-21
Sample Date	02/21/06	08/10/06	02/14/06	08/22/06	02/20/06	05/15/06	02/09/06
Sample Type	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Analysis Method	8260B	8260B	8260B	8260B	8260B	8260B	8260B
Laboratory	DMA	TA	DMA	TA	DMA	DMA	DMA
Compound (ug/l)							
1,1,1-Trichloroethane	0.3 U	0.3 U	0.3 U	0.3 U	13	0.3 U	0.3 U
1,1,2,2-Tetrachloroethane	0.24 U	0.24 U	0.24 U	0.24 U	1.2 U	0.24 U	0.24 U
1,1,2-Trichloroethane	0.3 U	0.3 U	0.3 U	0.3 U	1.5 U	0.3 U	0.3 U
1,1-Dichloroethane	0.27 U	0.27 U	0.27 U	0.27 U	18	0.27 U	0.27 U
1,1-Dichloroethene	0.42 U	0.42 U	0.42 U	0.42 U	56	0.42 U	0.42 U
1,2-Dichlorobenzene	0.32 U	0.32 U	0.32 U	0.32 U	1.6 J,C	0.32 U	0.32 U
1,2-Dichloroethane	0.28 U	0.28 U	0.28 U	0.28 U	1.4 U	0.28 U	0.28 U
1,2-Dichloropropane	0.35 U	0.35 U	0.35 U	0.35 U	1.8 U	0.35 U	0.35 U
1,3-Dichlorobenzene	0.35 U	0.35 U	0.35 U	0.35 U	1.8 J,C	0.35 U	0.35 U
1,4-Dichlorobenzene	0.37 U	0.37 U	0.37 U	0.37 U	2 J,C	0.37 U	0.37 U
1,4-Dioxane	---	---	---	---	---	---	---
2-Butanone	3.8 U	3.8 U	3.8 U	3.8 U	19 U	3.8 U	3.8 U
2-Hexanone	2.6 U	2.6 U	2.6 U	2.6 U	13 U	2.6 U	2.6 U
4-Methyl-2-pentanone (MIBK)	2.5 U	3.5 U	2.5 U	3.5 U	12 U	3.5 U	2.5 U
Acetone	4.5 U	4.5 U	4.5 U	4.5 U	22 U	4.5 U	4.5 U
Benzene	0.28 U	0.28 U	0.28 U	0.28 U	1.4 U	0.28 U	0.28 U
Bromodichloromethane	0.3 U	0.3 U	0.3 U	0.3 U	1.5 U	0.3 U	0.3 U
Bromoform	0.32 U	0.32 U	0.32 U	0.32 U	1.6 U	0.32 U	0.32 U
Bromomethane	0.42 U	0.42 U	0.42 U	0.42 U	2.1 U	0.42 U	0.42 U
Carbon disulfide	0.48 U	0.48 U	0.48 U	0.48 U	2.4 U	0.48 U	0.48 U
Carbon tetrachloride	0.28 U	0.28 U	0.28 U	0.28 U	1.4 U	0.28 U	0.28 U
Chlorobenzene	0.36 U	0.36 U	0.36 U	0.36 U	1.8 U	0. 36 U	0.36 U
Chloroethane	0.33 U	0.4 U	0.33 U	0.4 U	1.6 U	0.4 U	0.33 U
Chloroform	0.33 U	0.33 U	0.33 U	0.33 U	1.7 J	0.33 U	0.33 U
Chloromethane	0.3 U	0.3 U	0.3 U	0.3 U	1.5 U	0.3 U	0.3 U
cis-1,2-Dichloroethene	0.32 U	0.32 U	0.32 U	0.32 U	5.2	0.32 U	0.32 J
cis-1,3-Dichloropropene	0.22 U	0.22 U	0.22 U	0.22 U	1.1 U	0.22 U	0.22 U
Dibromochloromethane	0.28 U	0.28 U	0.28 U	0.28 U	1.4 U	0.28 U	0.28 U
Ethylbenzene	0.25 U	0.25 U	0.25 U	0.25 U	1.2 U	0.25 U	0.25 U
m,p-Xylenes	0.52 U	0.6 U	0.52 U	0.6 U	2.6 U	0.6 U	0.52 U
Methylene chloride	0.51 U	0.7 U	0.59 U	0.7 U	2.6 U	0.7 U	0.51 U
o-Xylene	0.24 U	0.3 U	0.24 U	0.3 U	1.2 U	0.3 U	0.24 U
Tetrachloroethene	0.32 U	0.32 U	0.32 U	0.32 U	1.6 U	0.32 U	0.32 U
Toluene	0.36 U	0.36 U	0.36 U	0.36 U	1.8 U	0.36 U	0.36 U
trans-1,2-Dichloroethene	0.27 U	0.27 U	0.27 U	0.27 U	1.4 U	0.27 U	0.27 U
trans-1,3-Dichloropropene	0.32 U	0.32 U	0.32 U	0.32 U	1.6 U	0.32 U	0.32 U
Trichloroethene	0.26 U	0.26 U	0.26 U	0.26 U	390	0.26 U	5.4
Trichlorofluoromethane	0.34 U	0.34 U	0.34 U	0.34 U	1.7 U	0.34 U	0.34 U
Trichlorotrifluoroethane (Freon 113)	1.2 U	1.2 U	1.2 U	1.2 U	6 U	1.2 U	1.2 U
Vinyl chloride	0.26 U	0.26 U	0.26 U	0.26 U	1.3 U	0.26 U	0.26 U

See last page of Table III for notes and abbreviations.

TABLE III
SUMMARY OF RESULTS FOR VOLATILE ORGANIC COMPOUNDS
IN SHALLOW WELLS, 2006
BOEING SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well Identifier	RS-21	RS-28	RS-30	RS-30	RS-31	RS-31	RS-32
Sample Date	08/22/06	02/17/06	05/11/06	08/08/06	05/11/06	08/08/06	05/11/06
Sample Type	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Analysis Method	8260B	8260B	8260B	8260B	8260B	8260B	8260B
Laboratory	TA	DMA	DMA	TA	DMA	TA	DMA
Compound (ug/l)							
1,1,1-Trichloroethane	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U
1,1,2,2-Tetrachloroethane	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U
1,1,2-Trichloroethane	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U
1,1-Dichloroethane	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U
1,1-Dichloroethene	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U
1,2-Dichlorobenzene	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U
1,2-Dichloroethane	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U
1,2-Dichloropropane	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U
1,3-Dichlorobenzene	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U
1,4-Dichlorobenzene	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U
1,4-Dioxane	---	---	---	---	---	---	---
2-Butanone	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U
2-Hexanone	2.6 U	2.6 U	2.6 U	2.6 U	2.6 U	2.6 U	2.6 U
4-Methyl-2-pentanone (MIBK)	3.5 U	2.5 U	3.5 U	3.5 U	3.5 U	3.5 U	3.5 U
Acetone	4.5 U	4.5 U	4.5 U	4.5 U	4.5 U	4.5 U	4.5 U
Benzene	0.28 U	0.28 U	0.73	0.48 J	0.28 U	0.28 U	0.28 U
Bromodichloromethane	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U
Bromoform	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U
Bromomethane	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U
Carbon disulfide	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U
Carbon tetrachloride	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U
Chlorobenzene	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U
Chloroethane	0.4 U	0.33 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
Chloroform	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U
Chloromethane	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U
cis-1,2-Dichloroethene	2.6	1	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U
cis-1,3-Dichloropropene	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U
Dibromochloromethane	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U
Ethylbenzene	0.25 U	0.25 U	1.2	0.77 J	0.25 U	0.25 U	0.25 U
m,p-Xylenes	0.6 U	0.52 U	0.6 U	0.6 U	0.6 U	0.6 U	0.6 U
Methylene chloride	0.81 J,L	1.4 U	1.5 J,L	0.7 U	1.4 J,L	0.7 U	0.89 U
o-Xylene	0.3 U	0.24 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U
Tetrachloroethene	0.32 U	0.68 J	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U
Toluene	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U
trans-1,2-Dichloroethene	0.94 J	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 UJ
trans-1,3-Dichloropropene	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U
Trichloroethene	35	14	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U
Trichlorofluoromethane	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U
Trichlorotrifluoroethane (Freon 113)	1.2 U	1.4 J	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
Vinyl chloride	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 UJ

See last page of Table III for notes and abbreviations.

TABLE III
SUMMARY OF RESULTS FOR VOLATILE ORGANIC COMPOUNDS
IN SHALLOW WELLS, 2006
BOEING SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well Identifier	RS-32	RS-54	ES-01	ES-03	ES-04	ES-04	ES-04
Sample Date	08/08/06	02/23/06	11/13/06	08/28/06	05/19/06	05/19/06	05/19/06
Sample Type	Primary	Primary	Primary	Primary	Primary	Dup	Split
Analysis Method	8260B	8260B	8260B	8260B	8260B	8260B	8260B
Laboratory	TA	DMA	TA	TA	DMA	DMA	STL-SA
Compound (ug/l)							
1,1,1-Trichloroethane	0.3 U	7600	0.3 U	0.3 U	0.3 U	0.3 U	0.41 U
1,1,2,2-Tetrachloroethane	0.24 U	12 U	0.24 U	0.24 U	0.24 U	0.24 U	0.37 U
1,1,2-Trichloroethane	0.3 U	15 U	0.3 U	0.3 U	0.3 U	0.3 U	0.31 U
1,1-Dichloroethane	0.27 U	2300	0.27 U	0.27 U	0.27 U	0.27 U	0.1 U
1,1-Dichloroethene	0.42 U	2400	0.6 J	0.49 J	0.42 U	0.42 U	0.36 U
1,2-Dichlorobenzene	0.32 U	16 U	0.32 U	0.32 U	0.32 U	0.32 U	0.14 U
1,2-Dichloroethane	0.28 U	24 J	0.28 U	0.28 U	0.28 U	0.28 U	0.22 U
1,2-Dichloropropane	0.35 U	18 U	0.35 U	0.35 U	0.35 U	0.35 U	0.15 U
1,3-Dichlorobenzene	0.35 U	18 U	0.35 U	0.35 U	0.35 U	0.35 U	0.11 U
1,4-Dichlorobenzene	0.37 U	18 U	0.37 U	0.37 U	0.37 U	0.37 U	0.13 U
1,4-Dioxane	---	---	---	---	---	---	---
2-Butanone	3.8 U	190 U	3.8 U	3.8 U	3.8 U	3.8 U	1 U
2-Hexanone	2.6 U	130 U	2.6 U	2.6 U	2.6 U	2.6 U	1 U
4-Methyl-2-pentanone (MIBK)	3.5 U	120 U	3.5 U	3.5 U	3.5 U	3.5 U	1 U
Acetone	4.5 U	220 U	4.5 U	4.5 U	4.5 U	4.5 U	1 U
Benzene	0.28 U	14 U	0.28 U	0.28 U	0.28 U	0.28 U	0.13 U
Bromodichloromethane	0.3 U	15 U	0.3 U	0.3 U	0.3 U	0.3 U	0.14 U
Bromoform	0.32 U	16 U	0.4 U	0.32 U	0.32 U	0.32 U	0.1 U
Bromomethane	0.42 U	21 U	0.42 U	0.42 U	0.42 U	0.42 U	0.08 U
Carbon disulfide	0.48 U	24 U	0.48 U	0.48 U	0.48 U	0.48 U	1 U
Carbon tetrachloride	0.28 U	14 U	0.28 U	0.28 U	0.28 U	0.28 U	0.15 U
Chlorobenzene	0.36 U	18 U	0.36 U	0.36 U	0.36 U	0.36 U	0.12 U
Chloroethane	0.4 U	16 U	0.4 U	0.4 U	0.4 U	0.4 U	0.34 U
Chloroform	0.33 U	16 U	0.33 U	0.33 U	0.33 U	0.33 U	0.12 U
Chloromethane	0.3 U	15 U	0.4 U	0.3 U	0.3 U	0.3 U	0.25 U
cis-1,2-Dichloroethene	0.32 U	34 J	140	83 J	0.32 U	0.32 U	0.1 U
cis-1,3-Dichloropropene	0.22 U	11 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U
Dibromochloromethane	0.28 U	14 U	0.28 U	0.28 U	0.28 U	0.28 U	0.4 U
Ethylbenzene	0.25 U	12 U	0.25 U	0.25 U	0.25 U	0.25 U	0.27 U
m,p-Xylenes	0.6 U	26 U	0.6 U	0.6 U	0.6 U	0.6 U	0.18 U
Methylene chloride	0.7 U	72 J	0.95 U	0.74 J,L	2.8 J,L	1.3 J,L	0.35 U
o-Xylene	0.3 U	12 U	0.3 U	0.3 U	0.3 U	0.3 U	0.1 U
Tetrachloroethene	0.32 U	16 U	0.32 U	0.32 U	0.32 U	0.32 U	0.38 U
Toluene	0.36 U	18 U	0.36 U	0.36 U	0.36 U	0.36 J	0.25 U
trans-1,2-Dichloroethene	0.27 U	14 U	20	16	0.27 U	0.27 U	0.11 U
trans-1,3-Dichloropropene	0.32 U	16 U	0.32 U	0.32 U	0.32 U	0.32 U	0.3 U
Trichloroethene	0.26 U	2100	120	270	0.26 U	0.26 U	0.31 U
Trichlorofluoromethane	0.34 U	17 U	0.34 U	0.34 U	0.34 U	0.34 U	0.23 U
Trichlorotrifluoroethane (Freon 113)	1.2 U	300	1.5 U	1.2 U	1.2 U	1.2 U	1 U
Vinyl chloride	0.26 U	13 U	2.5	0.26 U	0.26 U	0.26 U	0.12 U

See last page of Table III for notes and abbreviations.

TABLE III
SUMMARY OF RESULTS FOR VOLATILE ORGANIC COMPOUNDS
IN SHALLOW WELLS, 2006
BOEING SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well Identifier	ES-05	ES-06	ES-06	ES-14	ES-14	ES-17	ES-17
Sample Date	05/19/06	05/19/06	08/30/06	05/19/06	08/09/06	05/19/06	08/30/06
Sample Type	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Analysis Method	8260B	8260B	8260B	8260B	8260B	8260B	8260B
Laboratory	DMA	DMA	TA	DMA	TA	DMA	TA
Compound (ug/l)							
1,1,1-Trichloroethane	0.3 U	0.3 U	0.3 U	1.5 U	1.5 U	1.5 U	7.6
1,1,2,2-Tetrachloroethane	0.24 U	0.24 U	0.24 U	1.2 U	1.2 U	1.2 U	0.24 U
1,1,2-Trichloroethane	0.3 U	0.3 U	0.3 U	1.5 U	1.5 U	1.5 U	0.3 U
1,1-Dichloroethane	0.27 U	0.27 U	0.27 U	1.4 U	1.4 U	1.4 U	7.7
1,1-Dichloroethene	0.42 U	0.42 U	0.42 U	3.2 J	4.8 J	2.1 U	6.2
1,2-Dichlorobenzene	0.32 U	0.32 U	0.32 U	1.6 U	1.6 U	1.6 U	0.32 U
1,2-Dichloroethane	0.28 U	0.28 U	0.28 U	1.4 U	1.4 U	1.4 U	0.28 U
1,2-Dichloropropane	0.35 U	0.35 U	0.35 U	1.8 U	1.8 U	1.8 U	0.35 U
1,3-Dichlorobenzene	0.35 U	0.35 U	0.35 U	1.8 U	1.8 U	1.8 U	0.35 U
1,4-Dichlorobenzene	0.37 U	0.37 U	0.37 U	1.8 U	1.8 U	1.8 U	0.37 U
1,4-Dioxane	---	---	---	---	---	---	---
2-Butanone	3.8 U	3.8 U	3.8 U	19 U	19 U	19 U	3.8 U
2-Hexanone	2.6 U	2.6 U	2.6 U	13 U	13 U	13 U	2.6 U
4-Methyl-2-pentanone (MIBK)	3.5 U	3.5 U	3.5 U	18 U	18 U	18 U	3.5 U
Acetone	4.5 U	4.5 U	4.5 U	22 U	22 U	22 U	4.5 U
Benzene	0.28 U	0.28 U	0.28 U	1.4 U	1.4 U	1.4 U	0.28 U
Bromodichloromethane	0.3 U	0.3 U	0.3 U	1.5 U	1.5 U	1.5 U	0.3 U
Bromoform	0.32 U	0.32 U	0.32 U	1.6 U	1.6 U	1.6 U	0.32 U
Bromomethane	0.42 U	0.42 U	0.42 U	2.1 U	2.1 U	2.1 U	0.42 U
Carbon disulfide	0.48 U	0.48 U	0.48 U	2.4 U	2.4 U	2.4 U	0.48 U
Carbon tetrachloride	0.28 U	0.28 U	0.28 U	1.4 U	1.4 U	1.4 U	0.28 U
Chlorobenzene	0.36 U	0.36 U	0.36 U	1.8 U	1.8 U	1.8 U	0.36 U
Chloroethane	0.4 U	0.4 U	0.4 U	2 U	2 U	2 U	0.4 U
Chloroform	0.33 U	0.33 U	0.33 U	1.6 U	1.6 U	1.6 U	0.38 J
Chloromethane	0.3 U	0.3 U	0.3 U	1.5 U	1.5 U	1.5 U	0.3 U
cis-1,2-Dichloroethene	0.41 J	0.8 J	0.32 U	8.4	11	16	450
cis-1,3-Dichloropropene	0.22 U	0.22 U	0.22 U	1.1 U	1.1 U	1.1 U	0.22 U
Dibromochloromethane	0.28 U	0.28 U	0.28 U	1.4 U	1.4 U	1.4 U	0.28 U
Ethylbenzene	0.25 U	0.25 U	0.25 U	1.2 U	1.2 U	1.2 U	0.25 U
m,p-Xylenes	0.6 U	0.6 U	0.6 U	3 U	3 U	3 U	0.6 U
Methylene chloride	3.2 J,L	3.3 J,L	1.2 U	3.5 U	3.5 U	3.5 U	0.7 U
o-Xylene	0.3 U	0.3 U	0.3 U	1.5 U	1.5 U	1.5 U	0.3 U
Tetrachloroethene	0.32 U	0.32 U	0.32 U	1.6 U	1.6 U	1.6 U	2.8
Toluene	0.38 J	0.36 U	0.36 U	1.8 U	1.8 U	1.8 U	0.36 U
trans-1,2-Dichloroethene	0.27 U	0.27 U	0.27 U	1.4 U	1.4 U	1.4 U	1
trans-1,3-Dichloropropene	0.32 U	0.32 U	0.32 U	1.6 U	1.6 U	1.6 U	0.32 U
Trichloroethene	0.26 U	0.48 J	1.2	290	370	140	2300
Trichlorofluoromethane	0.34 U	0.34 U	0.34 U	1.7 U	1.7 U	1.7 U	0.34 U
Trichlorotrifluoroethane (Freon 113)	1.2 U	1.2 U	1.2 U	6 U	6 U	1000	85
Vinyl chloride	0.26 U	0.26 U	0.26 U	1.3 U	1.3 U	1.3 U	2.7

See last page of Table III for notes and abbreviations.

TABLE III
SUMMARY OF RESULTS FOR VOLATILE ORGANIC COMPOUNDS
IN SHALLOW WELLS, 2006
BOEING SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well Identifier	ES-21	ES-21	ES-22	ES-22	ES-23	ES-23	ES-24
Sample Date	05/24/06	08/30/06	05/16/06	08/29/06	06/01/06	08/30/06	05/25/06
Sample Type	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Analysis Method	8260B	8260B	8260B	8260B	8260B	8260B	8260B
Laboratory	TA	TA	DMA	TA	DMA	TA	TA
Compound (ug/l)							
1,1,1-Trichloroethane	0.3 U,S	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	7.5 U
1,1,2,2-Tetrachloroethane	0.24 U,S	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	6 U
1,1,2-Trichloroethane	0.3 U,S	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	7.5 U
1,1-Dichloroethane	0.27 U,S	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	39
1,1-Dichloroethene	0.42 U,S	0.42 U	0.42 U	0.42 U	0.67 J	0.42 U	73
1,2-Dichlorobenzene	0.32 U,S	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	8 U
1,2-Dichloroethane	0.28 U,S	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	7 U
1,2-Dichloropropane	0.35 U,S	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	8.8 U
1,3-Dichlorobenzene	0.35 U,S	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	8.8 U
1,4-Dichlorobenzene	0.37 U,S	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U	9.2 U
1,4-Dioxane	---	---	---	---	---	---	---
2-Butanone	3.8 U,S	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U	95 U
2-Hexanone	2.6 U,S	2.6 U	2.6 U	2.6 U	2.6 U	2.6 U	65 U
4-Methyl-2-pentanone (MIBK)	3.5 U,S	3.5 U	3.5 U	3.5 U	3.5 U	3.5 U	88 U
Acetone	4.5 U,S	4.5 U	4.5 U	4.5 U	4.5 U	4.5 U	110 U
Benzene	0.28 U,S	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	7 U
Bromodichloromethane	0.3 U,S	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	7.5 U
Bromoform	0.32 U,S	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	8 U
Bromomethane	0.42 U,S	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U	10 U
Carbon disulfide	0.48 U,S	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	12 U
Carbon tetrachloride	0.28 U,S	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	7 U
Chlorobenzene	0.36 U,S	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U	9 U
Chloroethane	0.4 U,S	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	10 U
Chloroform	0.33 U,S	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	8.2 U
Chloromethane	0.3 U,S	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	7.5 U
cis-1,2-Dichloroethene	0.32 U,S	61	3	2	0.62 J	0.71 J	230
cis-1,3-Dichloropropene	0.22 U,S	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	5.5 U
Dibromochloromethane	0.28 U,S	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	7 U
Ethylbenzene	0.25 U,S	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	6.2 U
m,p-Xylenes	0.6 U,S	0.6 U	0.6 U	0.6 U	0.6 U	0.6 U	15 U
Methylene chloride	0.7 U,S	0.7 U	1.6 J,L	0.7 U	0.7 U	0.7 U	18 U
o-Xylene	0.3 U,S	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	7.5 U
Tetrachloroethene	0.32 U,S	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	8 U
Toluene	0.36 U,S	0.59 J	0.36 U	0.36 U	0.36 U	0.36 U	9 U
trans-1,2-Dichloroethene	0.27 U,S	1.2	0.27 U	0.27 U	0.27 U	0.27 U	21 J
trans-1,3-Dichloropropene	0.32 U,S	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	8 U
Trichloroethene	0.26 U,S	210	35	23	120	100	4000
Trichlorofluoromethane	0.34 U,S	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	8.5 U
Trichlorotrifluoroethane (Freon 113)	1.2 U,S	1.2 U	1.2 U	1.2 U	3.2 U	1.2 U	30 U
Vinyl chloride	0.26 U,S	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	6.5 U

See last page of Table III for notes and abbreviations.

TABLE III
SUMMARY OF RESULTS FOR VOLATILE ORGANIC COMPOUNDS
IN SHALLOW WELLS, 2006
BOEING SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well Identifier	ES-24	ES-26	ES-26	ES-27	ES-30	ES-30	ES-30
Sample Date	08/30/06	05/18/06	08/30/06	08/30/06	06/01/06	08/30/06	08/30/06
Sample Type	Primary	Primary	Primary	Primary	Primary	Primary	Dup
Analysis Method	8260B	8260B	8260B	8260B	8260B	8260B	8260B
Laboratory	TA	DMA	TA	TA	DMA	TA	TA
Compound (ug/l)							
1,1,1-Trichloroethane	1.9	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U
1,1,2,2-Tetrachloroethane	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U
1,1,2-Trichloroethane	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U
1,1-Dichloroethane	60	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U
1,1-Dichloroethene	150	0.42 U	0.42 U	0.42 U	0.47 U	0.42 U	0.42 U
1,2-Dichlorobenzene	0.43 J	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U
1,2-Dichloroethane	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U
1,2-Dichloropropane	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U
1,3-Dichlorobenzene	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U
1,4-Dichlorobenzene	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U
1,4-Dioxane	---	---	---	---	---	---	---
2-Butanone	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U
2-Hexanone	2.6 U	2.6 U	2.6 U	2.6 U	2.6 U	2.6 U	2.6 U
4-Methyl-2-pentanone (MIBK)	3.5 U	3.5 U	3.5 U	3.5 U	3.5 U	3.5 U	3.5 U
Acetone	4.5 U	4.5 U	4.5 U	4.5 U	4.5 U	4.5 U	4.5 U
Benzene	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U
Bromodichloromethane	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U
Bromoform	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U
Bromomethane	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U
Carbon disulfide	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U
Carbon tetrachloride	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U
Chlorobenzene	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U
Chloroethane	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
Chloroform	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U
Chloromethane	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U
cis-1,2-Dichloroethene	320	0.32 U	0.32 U	0.32 U	1.6	24	31
cis-1,3-Dichloropropene	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U
Dibromochloromethane	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U
Ethylbenzene	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
m,p-Xylenes	0.6 U	0.6 U	0.6 U	0.6 U	0.6 U	0.6 U	0.6 U
Methylene chloride	1.3 U	0.7 U	0.7 U	0.7 U	0.7 U	0.7 U	0.7 U
o-Xylene	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U
Tetrachloroethene	0.52 J	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U
Toluene	29	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U
trans-1,2-Dichloroethene	36	0.27 U	0.27 U	0.27 U	0.44 J	1.5	2.1
trans-1,3-Dichloropropene	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U
Trichloroethene	5700	13	46	4.4	43	29	22
Trichlorofluoromethane	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U
Trichlorotrifluoroethane (Freon 113)	5.3	39	140	370	1.2 U	1.4 J	1.3 J
Vinyl chloride	1.3	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U

See last page of Table III for notes and abbreviations.

TABLE III
SUMMARY OF RESULTS FOR VOLATILE ORGANIC COMPOUNDS
IN SHALLOW WELLS, 2006
BOEING SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well Identifier	ES-31	ES-32	HAR-03	HAR-03	HAR-04	HAR-04	HAR-11
Sample Date	02/21/06	08/30/06	02/10/06	08/25/06	02/10/06	08/24/06	02/23/06
Sample Type	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Analysis Method	8260B	8260B	8260B	8260B	8260B	8260B	8260B
Laboratory	DMA	TA	DMA	TA	DMA	TA	DMA
Compound (ug/l)							
1,1,1-Trichloroethane	0.3 U	0.3 U	3.8	9.2 J	10	10 J	0.3 U
1,1,2,2-Tetrachloroethane	0.24 U	0.24 U	0.24 U	4.8 U	0.24 U	4.8 U	0.24 U
1,1,2-Trichloroethane	0.3 U	0.3 U	0.3 U	6 U	0.3 U	6 U	0.3 U
1,1-Dichloroethane	0.27 U	0.27 U	0.27 U	5.4 U	0.27 U	5.4 U	0.27 U
1,1-Dichloroethene	0.42 U	0.42 U	0.42 U	8.4 U	0.42 U	8.4 U	0.42 U
1,2-Dichlorobenzene	0.32 U	0.32 U	0.32 U	6.4 U	0.32 U	6.4 U	0.32 U
1,2-Dichloroethane	0.28 U	0.28 U	0.28 U	5.6 U	0.28 U	5.6 U	0.28 U
1,2-Dichloropropane	0.35 U	0.35 U	0.35 U	7 U	0.35 U	7 U	0.35 U
1,3-Dichlorobenzene	0.35 U	0.35 U	0.35 U	7 U	0.35 U	7 U	0.35 U
1,4-Dichlorobenzene	0.37 U	0.37 U	0.37 U	7.4 U	0.37 U	7.4 U	0.37 U
1,4-Dioxane	---	---	---	---	---	---	---
2-Butanone	3.8 U	3.8 U	3.8 U	76 U	3.8 U	76 U	3.8 U
2-Hexanone	2.6 U	2.6 U	2.6 U	52 U	2.6 U	52 U	2.6 U
4-Methyl-2-pentanone (MIBK)	2.5 U	3.5 U	2.5 U	70 U	2.5 U	70 U	2.5 U
Acetone	4.5 U	4.5 U	4.5 U	90 U	4.5 U	90 U	4.5 U
Benzene	0.28 U	0.28 U	0.28 U	5.6 U	0.28 U	5.6 U	0.28 U
Bromodichloromethane	0.3 U	0.3 U	0.3 U	6 U	0.3 U	6 U	0.3 U
Bromoform	0.32 U	0.32 U	0.32 U	6.4 U	0.32 U	6.4 U	0.32 U
Bromomethane	0.42 U	0.42 U	0.42 U	8.4 U	0.42 U	8.4 U	0.42 U
Carbon disulfide	0.48 U	0.48 U	0.48 U	9.6 U	0.48 U	9.6 U	0.48 U
Carbon tetrachloride	0.28 U	0.28 U	0.28 U	5.6 U	0.28 U	5.6 U	0.28 U
Chlorobenzene	0.36 U	0.36 U	0.36 U	7.2 U	0.36 U	7.2 U	0.36 U
Chloroethane	0.33 U	0.4 U	0.33 U	8 U	0.33 U	8 U	0.33 U
Chloroform	0.33 U	0.33 U	0.33 U	6.6 U	0.33 U	6.6 U	0.33 U
Chloromethane	0.3 U	0.3 U	0.3 U	6 U	0.3 U	6 U	0.3 U
cis-1,2-Dichloroethene	0.32 U	3	23	15 J	51	16 J	2.3
cis-1,3-Dichloropropene	0.22 U	0.22 U	0.22 U	4.4 U	0.22 U	4.4 U	0.22 U
Dibromochloromethane	0.28 U	0.28 U	0.28 U	5.6 U	0.28 U	5.6 U	0.28 U
Ethylbenzene	0.25 U	0.25 U	0.25 U	5 U	0.25 U	5 U	0.25 U
m,p-Xylenes	0.52 U	0.6 U	0.52 U	12 U	0.52 U	12 U	0.52 U
Methylene chloride	0.51 U	0.7 U	0.51 U	14 U	0.51 U	14 U	0.51 U
o-Xylene	0.24 U	0.3 U	0.24 U	6 U	0.24 U	6 U	0.24 U
Tetrachloroethene	0.32 U	0.32 U	0.32 U	6.4 U	0.57 J	6.4 U	0.32 U
Toluene	0.36 U	0.36 U	0.36 U	7.2 U	0.36 U	7.2 U	0.36 U
trans-1,2-Dichloroethene	0.27 U	0.27 U	0.27 U	5.4 U	0.36 J	5.4 U	0.27 U
trans-1,3-Dichloropropene	0.32 U	0.32 U	0.32 U	6.4 U	0.32 U	6.4 U	0.32 U
Trichloroethene	0.55 J	4.6	560	1200	1100	1100	0.26 U
Trichlorofluoromethane	0.34 U	0.34 U	0.34 U	6.8 U	0.34 U	6.8 U	0.34 U
Trichlorotrifluoroethane (Freon 113)	1.2 U	7.9	1.2 U	24 U	1.2 U	24 U	1.2 U
Vinyl chloride	0.26 U	0.26 U	0.26 U	5.2 U	0.26 U	5.2 U	0.26 U

See last page of Table III for notes and abbreviations.

TABLE III
SUMMARY OF RESULTS FOR VOLATILE ORGANIC COMPOUNDS
IN SHALLOW WELLS, 2006
BOEING SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well Identifier	HAR-11	HAR-14	HAR-14	HAR-15	HAR-15	HAR-15	HAR-15
Sample Date	08/25/06	05/08/06	11/02/06	05/05/06	09/01/06	09/01/06	09/01/06
Sample Type	Primary	Primary	Primary	Primary	Primary	Dup	Split
Analysis Method	8260B	8260B	8260B	8260B	8260SIM	8260SIM	8260SIM
Laboratory	TA	DMA	TA	TA	TA	TA	TA
Compound (ug/l)							
1,1,1-Trichloroethane	0.3 U	0.54 J	0.55 J	0.3 U	---	---	---
1,1,2,2-Tetrachloroethane	0.24 U	0.24 U	0.24 U	0.24 U	---	---	---
1,1,2-Trichloroethane	0.3 U	0.3 U	0.3 U	0.3 U	---	---	---
1,1-Dichloroethane	0.27 U	0.27 U	0.27 U	0.27 U	---	---	---
1,1-Dichloroethene	0.42 U	6.3	7	0.42 U	---	---	---
1,2-Dichlorobenzene	0.32 U	0.32 U	0.32 U	0.32 U	---	---	---
1,2-Dichloroethane	0.28 U	0.28 U	0.28 U	0.28 U	---	---	---
1,2-Dichloropropane	0.35 U	0.35 U	0.35 U	0.35 U	---	---	---
1,3-Dichlorobenzene	0.35 U	0.35 U	0.35 U	0.35 U	---	---	---
1,4-Dichlorobenzene	0.37 U	0.37 U	0.37 U	0.37 U	---	---	---
1,4-Dioxane	1 U	110	---	0.53 J	1 U	1 U	0.65 U
2-Butanone	3.8 U	3.8 U	3.8 U	3.8 U	---	---	---
2-Hexanone	2.6 U	2.6 U	2.6 U	2.6 U	---	---	---
4-Methyl-2-pentanone (MIBK)	3.5 U	3.5 U	3.5 U	3.5 U	---	---	---
Acetone	4.5 U	4.5 U	4.5 U	4.5 U	---	---	---
Benzene	0.28 U	0.28 U	0.28 U	0.28 U	---	---	---
Bromodichloromethane	0.3 U	0.3 U	0.3 U	0.3 U	---	---	---
Bromoform	0.32 U	0.32 U	0.4 U	0.32 U	---	---	---
Bromomethane	0.42 U	0.42 U	0.42 U	0.42 U	---	---	---
Carbon disulfide	0.48 U	0.48 U	0.48 U	0.48 U	---	---	---
Carbon tetrachloride	0.28 U	1.4 J	0.99	0.28 U	---	---	---
Chlorobenzene	0.36 U	0.36 U	0.36 U	0.36 U	---	---	---
Chloroethane	0.4 U	0.4 U	0.4 U	0.4 U	---	---	---
Chloroform	0.33 U	1.8 J	1.8	0.33 U	---	---	---
Chloromethane	0.3 U	0.3 U	0.4 U	0.3 U	---	---	---
cis-1,2-Dichloroethene	5.8	0.32 U	0.32 U	0.32 U	---	---	---
cis-1,3-Dichloropropene	0.22 U	0.22 U	0.22 U	0.22 U	---	---	---
Dibromochloromethane	0.28 U	0.28 U	0.28 U	0.28 U	---	---	---
Ethylbenzene	0.25 U	0.25 U	0.25 U	0.25 U	---	---	---
m,p-Xylenes	0.6 U	0.6 U	0.6 U	0.6 U	---	---	---
Methylene chloride	0.82 J,L	1.4 U	0.95 U	0.7 U	---	---	---
o-Xylene	0.3 U	0.3 U	0.3 U	0.3 U	---	---	---
Tetrachloroethene	0.32 U	0.32 U	0.32 U	0.32 U	---	---	---
Toluene	0.36 U	0.36 U	0.36 U	0.36 U	---	---	---
trans-1,2-Dichloroethene	0.27 U	0.27 U	0.27 U	0.27 U	---	---	---
trans-1,3-Dichloropropene	0.32 U	0.32 U	0.32 U	0.32 U	---	---	---
Trichloroethene	0.26 U	3	3.7	0.26 U	---	---	---
Trichlorofluoromethane	0.34 U	0.34 U	0.34 U	0.34 U	---	---	---
Trichlorotrifluoroethane (Freon 113)	1.2 U	---	26	---	---	---	---
Vinyl chloride	0.26 U	0.26 U	0.3 U	0.26 U	---	---	---

See last page of Table III for notes and abbreviations.

TABLE III
SUMMARY OF RESULTS FOR VOLATILE ORGANIC COMPOUNDS
IN SHALLOW WELLS, 2006
BOEING SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well Identifier	HAR-15	HAR-27	HAR-27
Sample Date	11/02/06	02/10/06	08/24/06
Sample Type	Primary	Primary	Primary
Analysis Method	8260B	8260B	8260B
Laboratory	TA	DMA	TA
Compound (ug/l)			
1,1,1-Trichloroethane	0.3 U	0.3 U	0.3 U
1,1,2,2-Tetrachloroethane	0.24 U	0.24 U	0.24 U
1,1,2-Trichloroethane	0.3 U	0.3 U	0.3 U
1,1-Dichloroethane	0.27 U	0.27 U	0.27 U
1,1-Dichloroethene	0.42 U	0.42 U	0.42 U
1,2-Dichlorobenzene	0.32 U	0.32 U	0.32 U
1,2-Dichloroethane	0.28 U	0.28 U	0.28 U
1,2-Dichloropropane	0.35 U	0.35 U	0.35 U
1,3-Dichlorobenzene	0.35 U	0.35 U	0.35 U
1,4-Dichlorobenzene	0.37 U	0.37 U	0.37 U
1,4-Dioxane	---	---	---
2-Butanone	3.8 U	3.8 U	3.8 U
2-Hexanone	2.6 U	2.6 U	2.6 U
4-Methyl-2-pentanone (MIBK)	3.5 U	2.5 U	3.5 U
Acetone	4.5 U	4.5 U	4.5 U
Benzene	0.28 U	0.28 U	0.28 U
Bromodichloromethane	0.3 U	0.3 U	0.3 U
Bromoform	0.4 U	0.32 U	0.32 U
Bromomethane	0.42 U	0.42 U	0.42 U
Carbon disulfide	0.48 U	0.48 U	0.48 U
Carbon tetrachloride	0.28 U	0.28 U	0.28 U
Chlorobenzene	0.36 U	0.36 U	0.36 U
Chloroethane	0.4 U	0.33 U	0.4 U
Chloroform	0.33 U	0.33 U	0.33 U
Chloromethane	0.4 U	0.3 U	0.3 U
cis-1,2-Dichloroethene	0.32 U	3.3	6.2
cis-1,3-Dichloropropene	0.22 U	0.22 U	0.22 U
Dibromochloromethane	0.28 U	0.28 U	0.28 U
Ethylbenzene	0.25 U	0.25 U	0.25 U
m,p-Xylenes	0.6 U	0.52 U	0.6 U
Methylene chloride	0.95 U	0.51 U	0.7 U
o-Xylene	0.3 U	0.24 U	0.3 U
Tetrachloroethene	0.32 U	0.32 U	0.32 U
Toluene	0.36 U	0.36 U	0.36 U
trans-1,2-Dichloroethene	0.27 U	2.4	3.9
trans-1,3-Dichloropropene	0.32 U	0.32 U	0.32 U
Trichloroethene	0.26 U	0.26 U	0.26 U
Trichlorofluoromethane	0.34 U	0.34 U	0.34 U
Trichlorotrifluoroethane (Freon 113)	1.5 U	1.2 U	1.2 U
Vinyl chloride	0.3 U	2.2	2.1

See last page of Table III for notes and abbreviations.

1.	DMA	=	Del Mar Analytical of Irvine, California and Phoenix, Arizona.
2.	TA	=	TestAmerica of Irvine, California, formerly Del Mar Analytical.
3.	STL-SA	=	Severn Trent Laboratores of Sacramento, California.
4.	(---)	=	Analysis not performed.
5.	ug/l	=	Micrograms per liter.
6.	Primary	=	Primary sample.
7.	Dup	=	Duplicate sample.
8.	Split	=	Split sample.
9.	C	=	Possible carry-over contaminant.
10.	J	=	Estimated value. Analyte detected at a level less than the Reporting Limit (RL) and greater than or equal to the Method Detection Limit (MDL), or concentration estimated due to analytical quality control deficiencies (see Appendix D for details).
11.	L	=	Laboratory contaminant.
12.	U	=	Not detected; numerical value represents the Method Detection Limit for that compound.
13.	UJ	=	Not detected. Estimated detection limit as a result of analytical quality control deficiencies (see Appendix D for details).

14. During the first and second quarters, low level 1,4-dioxane analyses were performed on primary and duplicate samples by Del Mar Analytical of Phoenix, Arizona, and on split samples by Del Mar Analytical of Irvine, California, using modified EPA method 8260SIM.

15. During the third and fourth quarters, low level 1,4-dioxane analyses were performed on primary and duplicate samples by TestAmerica of Irvine, California, and on split samples by TestAmerica of Phoenix, Arizona, using modified EPA method 8260SIM.

TABLE IV

SUMMARY OF RESULTS FOR VOLATILE ORGANIC COMPOUNDS
IN CHATSWORTH FORMATION WELLS, 2006
BOEING SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well Identifier	RD-01	RD-01	RD-01	RD-01	RD-01	RD-02	RD-02
Sample Port	---	---	---	---	---	---	---
Sample Date	05/08/06	08/16/06	11/06/06	11/06/06	11/06/06	05/08/06	08/15/06
Sample Type	Primary	Primary	Primary	Dup	Split	Primary	Primary
Sample Qualifier	---	---	---	---	---	---	---
Analysis Method	8260B	8260B	8260B	8260B	8260B	8260B	8260B
Laboratory	DMA	TA	TA	TA	STL-SA	DMA	TA
Compound (ug/l)							
1,1,1-Trichloroethane	3 U	3 U	0.3 U	1.5 U	20 U	1.5 U	3 U
1,1,2,2-Tetrachloroethane	2.4 U	2.4 U	0.24 U	1.2 U	18 U	1.2 U	2.4 U
1,1,2-Trichloroethane	3 U	3 U	0.3 U	1.5 U	16 U	1.5 U	3 U
1,1-Dichloroethane	2.7 U	2.7 U	0.27 U	1.4 U	5 U	1.4 U	2.7 U
1,1-Dichloroethene	4.2 U	4.2 U	2.5	2.1 U	18 U	2.1 U	4.2 U
1,2-Dichlorobenzene	3.2 U	3.2 U	0.32 U	1.6 U	7 U	1.6 U	3.2 U
1,2-Dichloroethane	2.8 U	2.8 U	0.28 U	1.4 U	11 U	1.4 U	2.8 U
1,2-Dichloropropane	3.5 U	3.5 U	0.35 U	1.8 U	7.5 U	1.8 U	3.5 U
1,3-Dichlorobenzene	3.5 U	3.5 U	0.35 U	1.8 U	5.5 U	1.8 U	3.5 U
1,4-Dichlorobenzene	3.7 U	3.7 U	0.37 U	1.8 U	6.5 U	1.8 U	3.7 U
1,4-Dioxane	2.6	1.8 J	1.6 J	---	---	2.2	1.8 J
2-Butanone	38 U	38 U	3.8 U	19 U	50 U	19 U	38 U
2-Chloroethyl Vinyl Ether	---	---	---	---	---	---	---
2-Hexanone	26 U	26 U	2.6 U	13 U	50 U	13 U	26 U
4-Methyl-2-pentanone (MIBK)	35 U	35 U	3.5 U	18 U	50 U	18 U	35 U
Acetone	45 U	45 U	4.5 U	22 U	50 U	22 U	45 U
Benzene	2.8 U	2.8 U	0.28 U	1.4 U	6.5 U	1.4 U	2.8 U
Bromodichloromethane	3 U	3 U	0.3 U	1.5 U	7 U	1.5 U	3 U
Bromoform	3.2 U	3.2 U	0.4 U	2 U	5 U	1.6 U	3.2 U
Bromomethane	4.2 U	4.2 U	0.42 U	2.1 U	4 U	2.1 U	4.2 U
Carbon disulfide	4.8 U	4.8 U	0.48 U	2.4 U	50 U	2.4 U	4.8 U
Carbon tetrachloride	2.8 U	2.8 U	0.28 U	1.4 U	7.5 U	1.4 U	2.8 U
Chlorobenzene	3.6 U	3.6 U	0.36 U	1.8 U	6 U	1.8 U	3.6 U
Chloroethane	4 U	4 U	0.4 U	2 U	17 U	2 U	4 U
Chloroform	3.3 U	3.3 U	0.33 U	1.6 U	6 U	1.6 U	3.3 U
Chloromethane	3 U	3 U	0.4 U	2 U	12 U	1.5 U	3 U
cis-1,2-Dichloroethene	720	740	810	840	990	420	440
cis-1,3-Dichloropropene	2.2 U	2.2 U	0.22 U	1.1 U	11 U	1.1 U	2.2 U
Dibromochloromethane	2.8 U	2.8 U	0.28 U	1.4 U	20 U	1.4 U	2.8 U
Ethylbenzene	2.5 U	2.5 U	0.25 U	1.2 U	14 U	1.2 U	2.5 U
m,p-Xylenes	6 U	6 U	0.6 U	3 U	9 U	3 U	6 U
Methylene chloride	7 U	22 U	1 U	6.8 U	18 U	3.5 U	7 U
o-Xylene	3 U	3 U	0.3 U	1.5 U	5 U	1.5 U	3 U
Tetrachloroethene	3.2 U	3.2 U	0.32 U	1.6 U	19 U	1.6 U	3.2 U
Toluene	3.6 U	3.6 U	0.36 U	1.8 U	12 U	1.8 U	3.6 U
trans-1,2-Dichloroethene	120	26	29	29	39 J	25	22
trans-1,3-Dichloropropene	3.2 U	3.2 U	0.32 U	1.6 U	15 U	1.6 U	3.2 U
Trichloroethene	830	860	910	870	1000	360	340
Trichlorofluoromethane	3.4 U	3.4 U	0.34 U	1.7 U	12 U	1.7 U	3.4 U
Trichlorotrifluoroethane (Freon 113)	12 U	12 U	1.5 U	7.5 U	50 U	6 U	12 U
Vinyl chloride	5.2	8.3	16	17	22 J	5	3.5 J

See last page of Table IV for notes and abbreviations.

TABLE IV
SUMMARY OF RESULTS FOR VOLATILE ORGANIC COMPOUNDS
IN CHATSWORTH FORMATION WELLS, 2006
BOEING SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well Identifier	RD-02	RD-02	RD-02	RD-03	RD-03	RD-04	RD-04
Sample Port	---	---	---	---	---	---	---
Sample Date	11/09/06	11/09/06	11/09/06	02/14/06	08/04/06	06/01/06	08/15/06
Sample Type	Primary	Dup	Split	Primary	Primary	Primary	Primary
Sample Qualifier	---	---	---	---	---	---	---
Analysis Method	8260B	8260B	8260B	8260B	8260B	8260B	8260B
Laboratory	TA	TA	STL-SA	DMA	TA	DMA	TA
Compound (ug/l)							
1,1,1-Trichloroethane	3 U	3 U	0.41 U	0.3 U	0.3 U	3 U	3 U
1,1,2,2-Tetrachloroethane	2.4 U	2.4 U	0.37 U	0.24 U	0.24 U	2.4 U	2.4 U
1,1,2-Trichloroethane	3 U	3 U	0.31 U	0.3 U	0.3 U	3 U	3 U
1,1-Dichloroethane	2.7 U	2.7 U	0.1 U	0.27 U	0.27 U	2.7 U	2.7 U
1,1-Dichloroethene	4.2 U	4.2 U	1.9	0.42 U	0.42 U	4.2 U	4.2 U
1,2-Dichlorobenzene	3.2 U	3.2 U	0.14 U	0.32 U	0.32 U	3.2 U	3.2 U
1,2-Dichloroethane	2.8 U	2.8 U	0.22 U	0.28 U	0.28 U	2.8 U	2.8 U
1,2-Dichloropropane	3.5 U	3.5 U	0.15 R	0.35 U	0.35 U	3.5 U	3.5 U
1,3-Dichlorobenzene	3.5 U	3.5 U	0.11 U	0.35 U	0.35 U	3.5 U	3.5 U
1,4-Dichlorobenzene	3.7 U	3.7 U	0.13 U	0.37 U	0.37 U	3.7 U	3.7 U
1,4-Dioxane	1.5 J	---	---	---	---	0.65 U	1.2 J
2-Butanone	38 U	38 U	1 U	3.8 U	3.8 U	38 U	38 U
2-Chloroethyl Vinyl Ether	---	---	---	---	---	---	---
2-Hexanone	26 U	26 U	1 U	2.6 U	2.6 U	26 U	26 U
4-Methyl-2-pentanone (MIBK)	35 U	35 U	1 U	2.5 U	3.5 U	35 U	35 U
Acetone	45 U	45 U	1 U	4.5 U	4.5 U	45 U	45 U
Benzene	2.8 U	2.8 U	0.13 U	0.28 U	0.28 U	2.8 U	2.8 U
Bromodichloromethane	3 U	3 U	0.14 U	0.3 U	0.3 U	3 U	3 U
Bromoform	4 U	4 U	0.1 U	0.32 U	0.32 U	3.2 U	3.2 U
Bromomethane	4.2 U	4.2 U	0.08 U	0.42 U	0.42 U	4.2 U	4.2 U
Carbon disulfide	4.8 U	4.8 U	1 U	0.48 U	0.48 U	4.8 U	4.8 U
Carbon tetrachloride	2.8 U	2.8 U	0.15 U	0.28 U	0.28 U	2.8 U	2.8 U
Chlorobenzene	3.6 U	3.6 U	0.12 U	0.36 U	0.36 U	3.6 U	3.6 U
Chloroethane	4 U	4 U	0.34 U	0.33 U	0.4 U	4 U	4 U
Chloroform	3.3 U	3.3 U	0.12 U	0.33 U	0.33 U	3.3 U	3.3 U
Chloromethane	4 U	4 U	0.25 U	0.3 U	0.3 U	3 U	3 U
cis-1,2-Dichloroethene	410	470	490 J	0.88 J	1.2	66	120
cis-1,3-Dichloropropene	2.2 U	2.2 U	0.22 U	0.22 U	0.22 U	2.2 U	2.2 U
Dibromochloromethane	2.8 U	2.8 U	0.4 U	0.28 U	0.28 U	2.8 U	2.8 U
Ethylbenzene	2.5 U	2.5 U	0.27 U	0.25 U	0.25 U	2.5 U	2.5 U
m,p-Xylenes	6 U	6 U	0.18 U	0.52 U	0.6 U	6 U	6 U
Methylene chloride	9.5 U	9.5 U	0.35 U	0.64 U	0.7 U	7 U	7 U
o-Xylene	3 U	3 U	0.1 U	0.24 U	0.3 U	3 U	3 U
Tetrachloroethene	3.2 U	3.2 U	0.38 U	0.32 U	0.32 U	3.2 U	3.2 U
Toluene	3.6 U	3.6 U	0.25 U	0.36 U	0.36 U	3.6 U	3.6 U
trans-1,2-Dichloroethene	20	22	22	0.27 U	0.27 U	2.7 U	2.8 J
trans-1,3-Dichloropropene	3.2 U	3.2 U	0.3 U	0.32 U	0.32 U	3.2 U	3.2 U
Trichloroethene	240	270	270 J	0.26 U	0.26 U	980	3000
Trichlorofluoromethane	3.4 U	3.4 U	0.23 U	0.34 U	0.34 U	3.4 U	3.4 U
Trichlorotrifluoroethane (Freon 113)	15 U	15 U	1 U	1.2 U	1.2 U	12 U	12 U
Vinyl chloride	3 U	3 U	3.1	0.26 U	0.26 U	2.6 U	2.6 U

See last page of Table IV for notes and abbreviations.

TABLE IV
SUMMARY OF RESULTS FOR VOLATILE ORGANIC COMPOUNDS
IN CHATSWORTH FORMATION WELLS, 2006
BOEING SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well Identifier	RD-04	RD-04	RD-04	RD-05A	RD-05A	RD-05B	RD-05B
Sample Port	---	---	---	---	---	---	---
Sample Date	08/15/06	08/15/06	11/08/06	02/23/06	08/03/06	05/12/06	05/12/06
Sample Type	Dup	Split	Primary	Primary	Primary	Primary	Dup
Sample Qualifier	---	---	---	---	---	---	---
Analysis Method	8260B	8260B	8260B	8260B	8260B	8260B	8260B
Laboratory	TA	STL-SA	TA	DMA	TA	DMA	DMA
Compound (ug/l)							
1,1,1-Trichloroethane	0.3 U	41 U	6 U	0.3 U	0.3 U	0.3 U	0.3 U
1,1,2,2-Tetrachloroethane	0.24 U	37 U	4.8 U	0.24 U	0.24 U	0.24 U	0.24 U
1,1,2-Trichloroethane	0.3 U	31 U	6 U	0.3 U	0.3 U	0.3 U	0.3 U
1,1-Dichloroethane	0.27 U	10 U	5.4 U	0.27 U	0.27 U	0.27 U	0.27 U
1,1-Dichloroethene	1.4	36 U	8.4 U	0.42 U	0.42 U	0.42 U	0.42 U
1,2-Dichlorobenzene	0.32 U	14 U	6.4 U	0.32 U	0.32 U	0.32 U	0.32 U
1,2-Dichloroethane	0.28 U	22 U	5.6 U	0.28 U	0.28 U	0.28 U	0.28 U
1,2-Dichloropropane	0.35 U	15 U	7 U	0.35 U	0.35 U	0.35 U	0.35 U
1,3-Dichlorobenzene	0.35 U	11 U	7 U	0.35 U	0.35 U	0.35 U	0.35 U
1,4-Dichlorobenzene	0.37 U	13 U	7.4 U	0.37 U	0.37 U	0.37 U	0.37 U
1,4-Dioxane	---	---	1 U	---	---	---	---
2-Butanone	3.8 U	100 U	76 U	3.8 U	3.8 U	3.8 U	3.8 U
2-Chloroethyl Vinyl Ether	---	---	---	---	---	---	---
2-Hexanone	2.6 U	100 U	52 U	2.6 U	2.6 U	2.6 U	2.6 U
4-Methyl-2-pentanone (MIBK)	3.5 U	100 U	70 U	2.5 U	3.5 U	3.5 U	3.5 U
Acetone	4.5 U	100 U	90 U	4.5 U	4.5 U	4.5 U	4.5 U
Benzene	0.28 U	13 U	5.6 U	0.28 U	0.28 U	0.28 U	0.28 U
Bromodichloromethane	0.3 U	14 U	6 U	0.3 U	0.3 U	0.3 U	0.3 U
Bromoform	0.32 U	10 U	8 U	0.32 U	0.32 U	0.32 U	0.32 U
Bromomethane	0.42 U	8 U	8.4 U	0.42 U	0.42 U	0.42 U	0.42 U
Carbon disulfide	0.48 U	100 U	9.6 U	0.48 U	0.48 U	0.48 U	0.48 U
Carbon tetrachloride	0.28 U	15 U	5.6 U	0.28 U	0.28 U	0.28 U	0.28 U
Chlorobenzene	0.36 U	12 U	7.2 U	0.36 U	0.36 U	0.36 U	0.36 U
Chloroethane	0.4 U	34 U	8 U	0.33 U	0.4 U	0.4 U	0.4 U
Chloroform	0.33 U	12 U	6.6 U	0.33 U	0.33 U	0.33 U	0.33 U
Chloromethane	0.3 U	25 U	8 U	0.3 U	0.3 U	0.3 U	0.3 U
cis-1,2-Dichloroethene	120	180	120	0.32 U	0.32 U	0.32 U	0.32 U
cis-1,3-Dichloropropene	0.22 U	22 U	4.4 U	0.22 U	0.22 U	0.22 U	0.22 U
Dibromochloromethane	0.28 U	40 U	5.6 U	0.28 U	0.28 U	0.28 U	0.28 U
Ethylbenzene	0.25 U	27 U	5 U	0.25 U	0.25 U	0.25 U	0.25 U
m,p-Xylenes	0.6 U	18 U	12 U	0.52 U	0.6 U	0.6 U	0.6 U
Methylene chloride	0.7 U	35 U	19 U	0.51 U	0.7 U	0.7 U	0.7 U
o-Xylene	0.3 U	10 U	6 U	0.24 U	0.3 U	0.3 U	0.3 U
Tetrachloroethene	0.32 U	38 U	6.4 U	0.32 U	0.32 U	0.32 U	0.32 U
Toluene	0.36 U	25 U	7.2 U	0.36 U	0.36 U	0.36 U	0.36 U
trans-1,2-Dichloroethene	2.3	11 U	5.4 U	0.27 U	0.27 U	0.27 U	0.27 U
trans-1,3-Dichloropropene	0.32 U	30 U	6.4 U	0.32 U	0.32 U	0.32 U	0.32 U
Trichloroethene	2900	3700	2400	0.26 U	0.26 U	0.26 U	0.26 U
Trichlorofluoromethane	0.34 U	23 U	6.8 U	0.34 U	0.34 U	0.34 U	0.34 U
Trichlorotrifluoroethane (Freon 113)	1.2 U	100 U	30 U	1.2 U	1.2 U	1.2 U	1.2 U
Vinyl chloride	0.26 U	12 U	6 U	0.26 U	0.26 U	0.26 U	0.26 U

See last page of Table IV for notes and abbreviations.

TABLE IV
SUMMARY OF RESULTS FOR VOLATILE ORGANIC COMPOUNDS
IN CHATSWORTH FORMATION WELLS, 2006
BOEING SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well Identifier	RD-05B	RD-05B	RD-05B	RD-05C	RD-05C	RD-05C	RD-05C
Sample Port	---	---	---	---	---	---	---
Sample Date	05/12/06	08/22/06	10/31/06	02/06/06	02/06/06	05/16/06	08/03/06
Sample Type	Split	Primary	Primary	Primary	Dup	Primary	Primary
Sample Qualifier	---	---	---	---	---	---	---
Analysis Method	8260B	8260B	8260B	8260B	8260B	8260B	8260B
Laboratory	STL-SA	TA	TA	DMA	DMA	DMA	TA
Compound (ug/l)							
1,1,1-Trichloroethane	0.41 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U
1,1,2,2-Tetrachloroethane	0.37 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U
1,1,2-Trichloroethane	0.31 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U
1,1-Dichloroethane	0.1 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U
1,1-Dichloroethene	0.36 U	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U
1,2-Dichlorobenzene	0.14 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U
1,2-Dichloroethane	0.22 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U
1,2-Dichloropropane	0.15 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U
1,3-Dichlorobenzene	0.11 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U
1,4-Dichlorobenzene	0.13 U	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U
1,4-Dioxane	---	---	---	---	---	---	---
2-Butanone	1 U	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U
2-Chloroethyl Vinyl Ether	---	---	---	---	---	---	---
2-Hexanone	1 U	2.6 U	2.6 U	2.6 U	2.6 U	2.6 U	2.6 U
4-Methyl-2-pentanone (MIBK)	1 U	3.5 U	3.5 U	2.5 U	2.5 U	3.5 U	3.5 U
Acetone	1 U	4.5 U	4.5 U	4.5 U	4.5 U	4.5 U	4.5 U
Benzene	0.13 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U
Bromodichloromethane	0.14 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U
Bromoform	0.1 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U
Bromomethane	0.08 U	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U
Carbon disulfide	1 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U
Carbon tetrachloride	0.15 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U
Chlorobenzene	0.12 U	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U
Chloroethane	0.34 U	0.4 U	0.4 U	0.33 U	0.33 U	0.4 U	0.4 U
Chloroform	0.12 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U
Chloromethane	0.25 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U
cis-1,2-Dichloroethene	0.1 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U
cis-1,3-Dichloropropene	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U
Dibromochloromethane	0.4 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U
Ethylbenzene	0.27 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
m,p-Xylenes	0.18 U	0.6 U	0.6 U	0.52 U	0.52 U	0.6 U	0.6 U
Methylene chloride	0.35 U	0.7 U	1.1 U	0.51 U	0.51 U	2 J,L	0.7 U
o-Xylene	0.1 U	0.3 U	0.3 U	0.24 U	0.24 U	0.3 U	0.3 U
Tetrachloroethene	0.38 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U
Toluene	0.25 U	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U
trans-1,2-Dichloroethene	0.11 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U
trans-1,3-Dichloropropene	0.3 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U
Trichloroethene	0.31 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U
Trichlorofluoromethane	0.23 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U
Trichlorotrifluoroethane (Freon 113)	1 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
Vinyl chloride	0.12 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U

See last page of Table IV for notes and abbreviations.

TABLE IV
SUMMARY OF RESULTS FOR VOLATILE ORGANIC COMPOUNDS
IN CHATSWORTH FORMATION WELLS, 2006
BOEING SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well Identifier	RD-05C	RD-06	RD-06	RD-06	RD-06	RD-06	RD-07
Sample Port	---	---	---	---	---	---	Z3
Sample Date	10/31/06	02/14/06	05/15/06	08/22/06	08/22/06	11/10/06	02/16/06
Sample Type	Primary	Primary	Primary	Primary	Dup	Primary	Primary
Sample Qualifier	---	---	---	---	---	---	---
Analysis Method	8260B	8260B	8260B	8260B	8260B	8260B	8260B
Laboratory	TA	DMA	DMA	TA	TA	TA	DMA
Compound (ug/l)							
1,1,1-Trichloroethane	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U
1,1,2,2-Tetrachloroethane	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U
1,1,2-Trichloroethane	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U
1,1-Dichloroethane	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U
1,1-Dichloroethene	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U
1,2-Dichlorobenzene	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U
1,2-Dichloroethane	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U
1,2-Dichloropropane	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U
1,3-Dichlorobenzene	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U
1,4-Dichlorobenzene	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U
1,4-Dioxane	---	---	---	---	---	---	---
2-Butanone	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U
2-Chloroethyl Vinyl Ether	---	---	---	---	---	---	---
2-Hexanone	2.6 U	2.6 U	2.6 U	2.6 U	2.6 U	2.6 U	2.6 U
4-Methyl-2-pentanone (MIBK)	3.5 U	2.5 U	3.5 U	3.5 U	3.5 U	3.5 U	2.5 U
Acetone	4.5 U	4.5 U	4.5 U	4.5 U	4.5 U	4.5 U	4.5 U
Benzene	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.35 J,F
Bromodichloromethane	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U
Bromoform	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.4 U	0.32 U
Bromomethane	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U
Carbon disulfide	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U
Carbon tetrachloride	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U
Chlorobenzene	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U
Chloroethane	0.4 U	0.33 U	0.4 U	0.4 U	0.4 U	0.4 U	0.33 U
Chloroform	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U
Chloromethane	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.4 U	0.3 U
cis-1,2-Dichloroethene	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	71
cis-1,3-Dichloropropene	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U
Dibromochloromethane	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U
Ethylbenzene	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
m,p-Xylenes	0.6 U	0.52 U	0.6 U	0.6 U	0.6 U	0.6 U	0.52 U
Methylene chloride	0.93 U	0.51 U	1.7 U	0.7 U	0.7 U	0.95 U	0.51 U
o-Xylene	0.3 U	0.24 U	0.3 U	0.3 U	0.3 U	0.3 U	0.24 U
Tetrachloroethene	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U
Toluene	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U
trans-1,2-Dichloroethene	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	1
trans-1,3-Dichloropropene	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U
Trichloroethene	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	1.7
Trichlorofluoromethane	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U
Trichlorotrifluoroethane (Freon 113)	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.5 U	1.2 U
Vinyl chloride	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.3 U	0.26 U

See last page of Table IV for notes and abbreviations.

TABLE IV
SUMMARY OF RESULTS FOR VOLATILE ORGANIC COMPOUNDS
IN CHATSWORTH FORMATION WELLS, 2006
BOEING SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well Identifier	RD-07	RD-09	RD-09	RD-09	RD-09	RD-09	RD-10
Sample Port	Z3	---	---	---	---	---	---
Sample Date	08/16/06	05/16/06	05/16/06	05/16/06	08/10/06	11/08/06	02/14/06
Sample Type	Primary	Primary	Dup	Split	Primary	Primary	Primary
Sample Qualifier	---	---	---	---	---	---	---
Analysis Method	8260B	8260B	8260SIM	8260SIM	8260B	8260B	8260B
Laboratory	TA	DMA	DMA	DMA	TA	TA	DMA
Compound (ug/l)							
1,1,1-Trichloroethane	0.3 U	0.3 U	---	---	0.3 U	0.3 U	0.3 U
1,1,2,2-Tetrachloroethane	0.24 U	0.24 U	---	---	0.24 U	0.24 U	0.24 U
1,1,2-Trichloroethane	0.3 U	0.3 U	---	---	0.3 U	0.3 U	0.3 U
1,1-Dichloroethane	0.27 U	0.27 U	---	---	0.27 U	0.27 U	0.27 U
1,1-Dichloroethene	0.42 U	0.42 U	---	---	0.42 U	0.43 J	0.42 U
1,2-Dichlorobenzene	0.32 U	0.32 U	---	---	0.32 U	0.32 U	0.32 U
1,2-Dichloroethane	0.28 U	0.28 U	---	---	0.28 U	0.28 U	0.28 U
1,2-Dichloropropane	0.35 U	0.35 U	---	---	0.35 U	0.35 U	0.35 U
1,3-Dichlorobenzene	0.35 U	0.35 U	---	---	0.35 U	0.35 U	0.35 U
1,4-Dichlorobenzene	0.37 U	0.37 U	---	---	0.37 U	0.37 U	0.37 U
1,4-Dioxane	---	1.6 J	1.9 J	1.4 J	1.4 J	1.3 J	0.72 J
2-Butanone	3.8 U	3.8 U	---	---	3.8 U	3.8 U	3.8 U
2-Chloroethyl Vinyl Ether	---	---	---	---	---	---	---
2-Hexanone	2.6 U	2.6 U	---	---	2.6 U	2.6 U	2.6 U
4-Methyl-2-pentanone (MIBK)	3.5 U	3.5 U	---	---	3.5 U	3.5 U	2.5 U
Acetone	4.5 U	4.5 U	---	---	4.5 U	4.5 U	4.5 U
Benzene	0.28 U	0.28 U	---	---	2.8 U	0.28 U	0.28 U
Bromodichloromethane	0.3 U	0.3 U	---	---	0.3 U	0.3 U	0.3 U
Bromoform	0.32 U	0.32 U	---	---	0.32 U	0.4 U	0.32 U
Bromomethane	0.42 U	0.42 U	---	---	0.42 U	0.42 U	0.42 U
Carbon disulfide	0.48 U	0.48 U	---	---	0.48 U	0.48 U	0.48 U
Carbon tetrachloride	0.28 U	0.28 U	---	---	0.28 U	0.28 U	0.28 U
Chlorobenzene	0.36 U	0.36 U	---	---	0.36 U	0.36 U	0.36 U
Chloroethane	0.4 U	0.4 U	---	---	0.4 U	0.4 U	0.33 U
Chloroform	0.33 U	0.33 U	---	---	0.33 U	0.33 U	0.33 U
Chloromethane	0.3 U	0.3 U	---	---	0.3 U	0.4 U	0.3 U
cis-1,2-Dichloroethene	63	47	---	---	57	55	9.6 J
cis-1,3-Dichloropropene	0.22 U	0.22 U	---	---	0.22 U	0.22 U	0.22 U
Dibromochloromethane	0.28 U	0.28 U	---	---	0.28 U	0.28 U	0.28 U
Ethylbenzene	0.25 U	0.25 U	---	---	0.25 U	0.25 U	0.25 U
m,p-Xylenes	0.6 U	0.6 U	---	---	0.6 U	0.6 U	0.52 U
Methylene chloride	0.99 U	3.5 U	---	---	0.7 U	0.95 U	0.56 U
o-Xylene	0.3 U	0.3 U	---	---	0.3 U	0.3 U	0.24 U
Tetrachloroethene	0.32 U	0.32 U	---	---	0.32 U	0.32 U	0.32 U
Toluene	0.36 U	0.36 U	---	---	0.36 U	0.36 U	0.36 U
trans-1,2-Dichloroethene	0.4 J	15	---	---	17	17	0.7 J
trans-1,3-Dichloropropene	0.32 U	0.32 U	---	---	0.32 U	0.32 U	0.32 U
Trichloroethene	1.6	390	---	---	490	400	15
Trichlorofluoromethane	0.34 U	0.34 U	---	---	0.34 U	0.34 U	0.34 U
Trichlorotrifluoroethane (Freon 113)	1.2 U	1.2 U	---	---	1.2 U	1.5 U	1.2 U
Vinyl chloride	0.26 U	0.51	---	---	0.26 U	0.3 U	0.26 U

See last page of Table IV for notes and abbreviations.

TABLE IV
SUMMARY OF RESULTS FOR VOLATILE ORGANIC COMPOUNDS
IN CHATSWORTH FORMATION WELLS, 2006
BOEING SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well Identifier	RD-10	RD-10	RD-10	RD-13	RD-13	RD-13	RD-13
Sample Port	---	---	---	---	---	---	---
Sample Date	05/09/06	08/16/06	11/07/06	02/07/06	05/17/06	05/17/06	08/04/06
Sample Type	Primary	Primary	Primary	Primary	Primary	Dup	Primary
Sample Qualifier	---	---	---	---	---	---	---
Analysis Method	8260B	8260B	8260B	8260B	8260B	8260B	8260B
Laboratory	DMA	TA	TA	DMA	DMA	DMA	TA
Compound (ug/l)							
1,1,1-Trichloroethane	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U
1,1,2,2-Tetrachloroethane	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U
1,1,2-Trichloroethane	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U
1,1-Dichloroethane	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U
1,1-Dichloroethene	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U
1,2-Dichlorobenzene	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U
1,2-Dichloroethane	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U
1,2-Dichloropropane	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U
1,3-Dichlorobenzene	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U
1,4-Dichlorobenzene	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U
1,4-Dioxane	1.2 J	1 U	1 U	---	---	---	---
2-Butanone	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U
2-Chloroethyl Vinyl Ether	---	---	---	---	---	---	---
2-Hexanone	2.6 U	2.6 U	2.6 U	2.6 U	2.6 U	2.6 U	2.6 U
4-Methyl-2-pentanone (MIBK)	3.5 U	3.5 U	3.5 U	2.5 U	3.5 U	3.5 U	3.5 U
Acetone	4.5 U	4.5 U	4.5 U	4.5 U	4.5 U	4.5 U	4.5 U
Benzene	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U
Bromodichloromethane	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U
Bromoform	0.32 U	0.32 U	0.4 U	0.32 U	0.32 U	0.32 U	0.32 U
Bromomethane	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U
Carbon disulfide	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U
Carbon tetrachloride	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U
Chlorobenzene	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U
Chloroethane	0.4 U	0.4 U	0.4 U	0.33 U	0.4 U	0.4 U	0.4 U
Chloroform	0.33 U	0.53 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U
Chloromethane	0.3 U	0.3 U	0.4 U	0.3 U	0.3 U	0.3 U	0.3 U
cis-1,2-Dichloroethene	8.6	9.4	8.4	0.32 U	0.32 U	0.32 U	0.32 U
cis-1,3-Dichloropropene	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U
Dibromochloromethane	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U
Ethylbenzene	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
m,p-Xylenes	0.6 U	0.6 U	0.6 U	0.52 U	0.6 U	0.6 U	0.6 U
Methylene chloride	0.7 U	0.71 U	0.95 U	0.51 U	2.1 U	1.9 U	0.83 J,L
o-Xylene	0.3 U	0.3 U	0.3 U	0.24 U	0.3 U	0.3 U	0.3 U
Tetrachloroethene	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U
Toluene	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U
trans-1,2-Dichloroethene	0.72 J	0.54 J	0.45 J	0.27 U	0.27 U	0.27 U	0.27 U
trans-1,3-Dichloropropene	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U
Trichloroethene	13	15	14	0.31 J	0.34 J	0.29 J	0.26 U
Trichlorofluoromethane	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U
Trichlorotrifluoroethane (Freon 113)	1.2 U	1.2 U	1.5 U	1.2 U	1.2 U	1.2 U	1.2 U
Vinyl chloride	0.26 U	0.26 U	0.3 U	0.26 U	0.26 U	0.26 U	0.26 U

See last page of Table IV for notes and abbreviations.

TABLE IV
SUMMARY OF RESULTS FOR VOLATILE ORGANIC COMPOUNDS
IN CHATSWORTH FORMATION WELLS, 2006
BOEING SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well Identifier	RD-13	RD-13	RD-15	RD-16	RD-16	RD-16	RD-16
Sample Port	---	---	---	---	---	---	---
Sample Date	08/04/06	11/08/06	02/16/06	02/10/06	05/24/06	08/21/06	08/21/06
Sample Type	Dup	Primary	Primary	Primary	Primary	Primary	Dup
Sample Qualifier	---	---	---	---	---	---	---
Analysis Method	8260B	8260B	8260B	8260B	8260B	8260B	8260B
Laboratory	TA	TA	DMA	DMA	DMA	TA	TA
Compound (ug/l)							
1,1,1-Trichloroethane	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U
1,1,2,2-Tetrachloroethane	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U
1,1,2-Trichloroethane	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U
1,1-Dichloroethane	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U
1,1-Dichloroethene	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U
1,2-Dichlorobenzene	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U
1,2-Dichloroethane	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U
1,2-Dichloropropane	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U
1,3-Dichlorobenzene	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U
1,4-Dichlorobenzene	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U
1,4-Dioxane	---	---	---	---	---	---	---
2-Butanone	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U
2-Chloroethyl Vinyl Ether	---	---	---	---	---	---	---
2-Hexanone	2.6 U	2.6 U	2.6 U	2.6 U	2.6 U	2.6 U	2.6 U
4-Methyl-2-pentanone (MIBK)	3.5 U	3.5 U	2.5 U	2.5 U	3.5 U	3.5 U	3.5 U
Acetone	4.5 U	4.5 U	4.5 U	4.5 U	4.5 U	4.5 U	4.5 U
Benzene	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U
Bromodichloromethane	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U
Bromoform	0.32 U	0.4 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U
Bromomethane	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U
Carbon disulfide	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U
Carbon tetrachloride	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U
Chlorobenzene	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U
Chloroethane	0.4 U	0.4 U	0.33 U	0.33 U	0.4 U	0.4 U	0.4 U
Chloroform	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U
Chloromethane	0.3 U	0.4 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U
cis-1,2-Dichloroethene	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U
cis-1,3-Dichloropropene	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U
Dibromochloromethane	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U
Ethylbenzene	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
m,p-Xylenes	0.6 U	0.6 U	0.52 U	0.52 U	0.6 U	0.6 U	0.6 U
Methylene chloride	0.7 U	0.95 U	0.51 U	0.51 U	0.7 U	0.9 U	0.97 U
o-Xylene	0.3 U	0.3 U	0.24 U	0.24 U	0.3 U	0.3 U	0.3 U
Tetrachloroethene	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U
Toluene	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U
trans-1,2-Dichloroethene	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U
trans-1,3-Dichloropropene	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U
Trichloroethene	0.26 U	0.32 J	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U
Trichlorofluoromethane	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U
Trichlorotrifluoroethane (Freon 113)	1.2 U	1.5 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
Vinyl chloride	0.26 U	0.3 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U

See last page of Table IV for notes and abbreviations.

TABLE IV
SUMMARY OF RESULTS FOR VOLATILE ORGANIC COMPOUNDS
IN CHATSWORTH FORMATION WELLS, 2006
BOEING SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well Identifier	RD-16	RD-17	RD-18	RD-18	RD-18	RD-18	RD-18
Sample Port	---	---	---	---	---	---	---
Sample Date	11/01/06	02/16/06	02/23/06	02/23/06	02/23/06	05/19/06	08/23/06
Sample Type	Primary	Primary	Primary	Dup	Split	Primary	Primary
Sample Qualifier	---	---	---	---	---	---	---
Analysis Method	8260B	8260B	8260B	8260B	8260B	8260B	8260B
Laboratory	TA	DMA	DMA	DMA	STL-SA	DMA	TA
Compound (ug/l)							
1,1,1-Trichloroethane	0.3 U	0.3 U	0.3 U	0.3 U	0.41 U	0.3 U	0.3 U
1,1,2,2-Tetrachloroethane	0.24 U	0.24 U	0.24 U	0.24 U	0.37 U	0.24 U	0.24 U
1,1,2-Trichloroethane	0.3 U	0.3 U	0.3 U	0.3 U	0.31 U	0.3 U	0.3 U
1,1-Dichloroethane	0.27 U	0.27 U	0.27 U	0.27 U	0.1 U	0.27 U	0.27 U
1,1-Dichloroethene	0.42 U	0.42 U	0.42 U	0.42 U	0.36 U	0.42 U	0.42 U
1,2-Dichlorobenzene	0.32 U	0.32 U	0.32 U	0.32 U	0.14 U	0.32 U	0.32 U
1,2-Dichloroethane	0.28 U	0.28 U	0.28 U	0.28 U	0.22 U	0.28 U	0.28 U
1,2-Dichloropropane	0.35 U	0.35 U	0.35 U	0.35 U	0.15 U	0.35 U	0.35 U
1,3-Dichlorobenzene	0.35 U	0.35 U	0.35 U	0.35 U	0.11 U	0.35 U	0.35 U
1,4-Dichlorobenzene	0.37 U	0.37 U	0.37 U	0.37 U	0.13 U	0.37 U	0.37 U
1,4-Dioxane	---	---	---	---	---	---	---
2-Butanone	3.8 U	3.8 U	3.8 U	3.8 U	1 U	3.8 U	3.8 U
2-Chloroethyl Vinyl Ether	---	---	---	---	---	---	---
2-Hexanone	2.6 U	2.6 U	2.6 U	2.6 U	1 U	2.6 U	2.6 U
4-Methyl-2-pentanone (MIBK)	3.5 U	2.5 U	2.5 U	2.5 U	1 U	3.5 U	3.5 U
Acetone	4.5 U	4.5 U	4.5 U	4.5 U	1 U	4.5 U	4.5 U
Benzene	0.28 U	0.28 U	0.28 U	0.28 U	0.13 U	0.28 U	0.28 U
Bromodichloromethane	0.3 U	0.3 U	0.3 U	0.3 U	0.14 U	0.3 U	0.3 U
Bromoform	0.32 U	0.32 U	0.32 U	0.32 U	0.1 U	0.32 U	0.32 U
Bromomethane	0.42 U	0.42 U	0.42 U	0.42 U	0.08 U	0.42 U	0.42 U
Carbon disulfide	0.48 U	0.48 U	0.48 U	0.48 U	7.1 S	0.48 U	0.48 U
Carbon tetrachloride	0.28 U	0.28 U	0.28 U	0.28 U	0.15 U	0.28 U	0.28 U
Chlorobenzene	0.36 U	0.36 U	0.36 U	0.36 U	0.12 U	0.36 U	0.36 U
Chloroethane	0.4 U	0.33 U	0.33 U	0.33 U	0.34 U	0.4 U	0.4 U
Chloroform	0.33 U	0.33 U	0.33 U	0.33 U	0.12 U	0.33 U	0.33 U
Chloromethane	0.3 U	0.3 U	0.3 U	0.3 U	0.25 U	0.3 U	0.3 U
cis-1,2-Dichloroethene	0.32 U	0.32 U	0.32 U	0.32 U	0.1 U	0.32 U	0.32 U
cis-1,3-Dichloropropene	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U
Dibromochloromethane	0.28 U	0.28 U	0.28 U	0.28 U	0.4 U	0.28 U	0.28 U
Ethylbenzene	0.25 U	0.25 U	0.25 U	0.25 U	0.27 U	0.25 U	0.25 U
m,p-Xylenes	0.6 U	0.52 U	0.52 U	0.52 U	0.18 U	0.6 U	0.6 U
Methylene chloride	0.7 U	0.51 U	0.51 U	0.51 U	0.35 U	4.6 J,L	0.7 U
o-Xylene	0.3 U	0.24 U	0.24 U	0.24 U	0.1 U	0.3 U	0.3 U
Tetrachloroethene	0.32 U	0.32 U	0.32 U	0.32 U	0.38 U	0.32 U	0.32 U
Toluene	0.36 U	0.36 U	0.36 U	0.36 U	0.25 U	0.36 U	0.36 U
trans-1,2-Dichloroethene	0.27 U	0.27 U	0.27 U	0.27 U	0.11 U	0.27 U	0.27 U
trans-1,3-Dichloropropene	0.32 U	0.32 U	0.32 U	0.32 U	0.3 U	0.32 U	0.32 U
Trichloroethene	0.26 U	0.98 J	0.26 U	0.26 U	0.31 U	0.38 J,C	0.26 U
Trichlorofluoromethane	0.34 U	0.34 U	0.34 U	0.34 U	0.23 U	0.34 U	0.34 U
Trichlorotrifluoroethane (Freon 113)	1.2 U	1.2 U	1.2 U	1.2 U	1 U	1.2 U	1.2 U
Vinyl chloride	0.26 U	0.26 U	0.26 U	0.26 U	0.12 U	0.26 U	0.26 U

See last page of Table IV for notes and abbreviations.

TABLE IV
SUMMARY OF RESULTS FOR VOLATILE ORGANIC COMPOUNDS
IN CHATSWORTH FORMATION WELLS, 2006
BOEING SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well Identifier	RD-18	RD-18	RD-19	RD-19	RD-19	RD-19	RD-19
Sample Port	---	---	---	---	---	---	---
Sample Date	08/23/06	11/03/06	02/06/06	05/23/06	08/15/06	08/15/06	11/08/06
Sample Type	Dup	Primary	Primary	Primary	Primary	Dup	Primary
Sample Qualifier	---	---	---	---	---	---	---
Analysis Method	8260B	8260B	8260B	8260B	8260B	8260B	8260B
Laboratory	TA	TA	DMA	DMA	TA	TA	TA
Compound (ug/l)							
1,1,1-Trichloroethane	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U
1,1,2,2-Tetrachloroethane	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U
1,1,2-Trichloroethane	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U
1,1-Dichloroethane	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U
1,1-Dichloroethene	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U
1,2-Dichlorobenzene	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U
1,2-Dichloroethane	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U
1,2-Dichloropropane	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U
1,3-Dichlorobenzene	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U
1,4-Dichlorobenzene	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U
1,4-Dioxane	---	---	---	---	---	---	---
2-Butanone	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U
2-Chloroethyl Vinyl Ether	---	---	---	---	---	---	---
2-Hexanone	2.6 U	2.6 U	2.6 U	2.6 U	2.6 U	2.6 U	2.6 U
4-Methyl-2-pentanone (MIBK)	3.5 U	3.5 U	2.5 U	3.5 U	3.5 U	3.5 U	3.5 U
Acetone	4.5 U	4.5 U	4.5 U	4.5 U	4.5 U	4.5 U	4.5 U
Benzene	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U
Bromodichloromethane	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U
Bromoform	0.32 U	0.4 U	0.32 U	0.32 U	0.32 U	0.32 U	0.4 U
Bromomethane	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U
Carbon disulfide	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U
Carbon tetrachloride	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U
Chlorobenzene	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U
Chloroethane	0.4 U	0.4 U	0.33 U	0.4 U	0.4 U	0.4 U	0.4 U
Chloroform	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U
Chloromethane	0.3 U	0.4 U	0.3 U	0.3 U	0.3 U	0.3 U	0.4 U
cis-1,2-Dichloroethene	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U
cis-1,3-Dichloropropene	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U
Dibromochloromethane	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U
Ethylbenzene	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
m,p-Xylenes	0.6 U	0.6 U	0.52 U	0.6 U	0.6 U	0.6 U	0.6 U
Methylene chloride	0.7 U	0.95 U	0.51 U	2.6 U	0.7 U	0.7 U	0.95 U
o-Xylene	0.3 U	0.3 U	0.24 U	0.3 U	0.3 U	0.3 U	0.3 U
Tetrachloroethene	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U
Toluene	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U
trans-1,2-Dichloroethene	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U
trans-1,3-Dichloropropene	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U
Trichloroethene	0.26 U	0.26 U	0.26 U	0.26 U	5.1	0.26 U	0.26 U
Trichlorofluoromethane	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U
Trichlorotrifluoroethane (Freon 113)	1.2 U	1.5 U	1.2 U	1.2 U	1.2 U	1.2 U	1.5 U
Vinyl chloride	0.26 U	0.3 U	0.26 U	0.26 U	0.26 U	0.26 U	0.3 U

See last page of Table IV for notes and abbreviations.

TABLE IV
SUMMARY OF RESULTS FOR VOLATILE ORGANIC COMPOUNDS
IN CHATSWORTH FORMATION WELLS, 2006
BOEING SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well Identifier	RD-21	RD-21	RD-22	RD-22	RD-22	RD-22	RD-23
Sample Port	Z2	Z2	Z2	Z2	Z2	Z2	Z3
Sample Date	02/16/06	08/16/06	02/15/06	05/23/06	08/16/06	11/06/06	02/17/06
Sample Type	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Sample Qualifier	---	---	---	---	---	---	---
Analysis Method	8260B	8260B	8260B	8260B	8260B	8260B	8260B
Laboratory	DMA	TA	DMA	DMA	TA	TA	DMA
Compound (ug/l)							
1,1,1-Trichloroethane	3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.6 U
1,1,2,2-Tetrachloroethane	2.4 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.48 U
1,1,2-Trichloroethane	3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.6 U
1,1-Dichloroethane	2.7 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	1.4 J
1,1-Dichloroethene	4.2 U	1.1	0.42 U	0.42 U	0.42 U	0.42 U	6.3
1,2-Dichlorobenzene	3.2 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.64 U
1,2-Dichloroethane	2.8 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	1.1
1,2-Dichloropropane	3.5 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.7 U
1,3-Dichlorobenzene	3.5 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.7 U
1,4-Dichlorobenzene	3.7 U	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U	0.74 U
1,4-Dioxane	---	---	---	---	---	---	---
2-Butanone	38 U	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U	7.6 U
2-Chloroethyl Vinyl Ether	---	---	---	---	---	---	---
2-Hexanone	26 U	2.6 U	2.6 U	2.6 U	2.6 U	2.6 U	5.2 U
4-Methyl-2-pentanone (MIBK)	25 U	3.5 U	2.5 U	3.5 U	3.5 U	3.5 U	5 U
Acetone	45 U	4.5 U	4.5 U	4.5 U	4.5 U	4.5 U	9 U
Benzene	2.8 U	0.55 F	0.28 U	0.28 U	0.28 U	0.28 U	0.56 U
Bromodichloromethane	3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.6 U
Bromoform	3.2 U	0.32 U	0.32 U	0.32 U	0.32 U	0.4 U	0.64 U
Bromomethane	4.2 U	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U	0.84 U
Carbon disulfide	4.8 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.96 U
Carbon tetrachloride	3.5 J	6.6	0.28 U	0.28 U	0.28 U	0.28 U	0.56 U
Chlorobenzene	3.6 U	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U	0.72 U
Chloroethane	3.3 U	0.4 U	0.33 U	0.4 U	0.4 U	0.4 U	0.66 U
Chloroform	5.8 J	5.7	0.33 U	0.33 U	0.33 U	0.33 U	0.66 U
Chloromethane	3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.4 U	0.6 U
cis-1,2-Dichloroethene	520	480	0.32 U	0.32 U	0.32 U	0.32 U	23
cis-1,3-Dichloropropene	2.2 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.44 U
Dibromochloromethane	2.8 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.56 U
Ethylbenzene	2.5 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.5 U
m,p-Xylenes	5.2 U	0.6 U	0.52 U	0.6 U	0.6 U	0.6 U	1 U
Methylene chloride	5.1 U	0.89 U	1.6 J,L	1.7 U	1 U	0.95 U	3.9 U
o-Xylene	2.4 U	0.3 U	0.24 U	0.3 U	0.3 U	0.3 U	0.48 U
Tetrachloroethene	3.2 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.64 U
Toluene	15 F	8.1 F	0.36 U	0.36 U	0.36 U	0.36 U	2 U
trans-1,2-Dichloroethene	2.7 U	0.48 J	0.27 U	0.27 U	0.27 U	0.27 U	0.54 U
trans-1,3-Dichloropropene	3.2 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.64 U
Trichloroethene	130	150	0.26 U	0.26 U	0.26 U	0.26 U	200
Trichlorofluoromethane	3.4 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.68 U
Trichlorotrifluoroethane (Freon 113)	12 U	1.2 U	1.2 U	1.2 U	1.2 U	1.5 U	2.4 U
Vinyl chloride	2.6 U	0.26 U	0.26 U	0.26 U	0.26 U	0.3 U	0.52 U

See last page of Table IV for notes and abbreviations.

TABLE IV

SUMMARY OF RESULTS FOR VOLATILE ORGANIC COMPOUNDS
IN CHATSWORTH FORMATION WELLS, 2006
BOEING SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well Identifier	RD-23	RD-24	RD-24	RD-26	RD-26	RD-27	RD-27
Sample Port	Z3	---	---	---	---	---	---
Sample Date	08/17/06	02/15/06	08/10/06	02/23/06	08/22/06	02/20/06	08/25/06
Sample Type	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Sample Qualifier	---	---	---	---	---	---	---
Analysis Method	8260B	8260B	8260B	8260B	8260B	8260B	8260B
Laboratory	TA	DMA	TA	DMA	TA	DMA	TA
Compound (ug/l)							
1,1,1-Trichloroethane	0.75 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U
1,1,2,2-Tetrachloroethane	0.6 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U
1,1,2-Trichloroethane	0.75 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U
1,1-Dichloroethane	1.2 J	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U
1,1-Dichloroethene	5.7	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U
1,2-Dichlorobenzene	0.8 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U
1,2-Dichloroethane	1.3	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U
1,2-Dichloropropane	0.88 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U
1,3-Dichlorobenzene	0.88 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U
1,4-Dichlorobenzene	0.92 U	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U
1,4-Dioxane	---	---	---	---	---	---	---
2-Butanone	9.5 U	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U
2-Chloroethyl Vinyl Ether	---	---	---	---	---	---	---
2-Hexanone	6.5 U	2.6 U	2.6 U	2.6 U	2.6 U	2.6 U	2.6 U
4-Methyl-2-pentanone (MIBK)	8.8 U	2.5 U	3.5 U	2.5 U	3.5 U	2.5 U	3.5 U
Acetone	21 J,F	4.5 U	4.5 U	4.5 U	4.5 U	4.5 U	4.5 U
Benzene	0.7 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U
Bromodichloromethane	0.75 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U
Bromoform	0.8 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U
Bromomethane	1 U	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U
Carbon disulfide	1.2 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U
Carbon tetrachloride	0.7 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U
Chlorobenzene	0.9 U	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U
Chloroethane	1 U	0.33 U	0.4 U	0.33 U	0.4 U	0.33 U	0.4 U
Chloroform	0.82 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U
Chloromethane	0.75 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U
cis-1,2-Dichloroethene	23	0.32 U	0.46 J	0.32 U	0.32 U	0.32 U	0.32 U
cis-1,3-Dichloropropene	0.55 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U
Dibromochloromethane	0.7 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U
Ethylbenzene	0.62 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
m,p-Xylenes	1.5 U	0.52 U	0.6 U	0.52 U	0.6 U	0.52 U	0.6 U
Methylene chloride	1.8 U	1.7 J,L	0.7 U	0.51 U	0.7 U	2.7 U	3.7 U
o-Xylene	0.75 U	0.24 U	0.3 U	0.24 U	0.3 U	0.24 U	0.3 U
Tetrachloroethene	0.8 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U
Toluene	0.9 J,F	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U
trans-1,2-Dichloroethene	0.68 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U
trans-1,3-Dichloropropene	0.8 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U
Trichloroethene	290	0.29 J	0.4 J	2.4	3.7	0.26 U	0.26 U
Trichlorofluoromethane	0.85 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U
Trichlorotrifluoroethane (Freon 113)	3 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
Vinyl chloride	0.65 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U

See last page of Table IV for notes and abbreviations.

TABLE IV

SUMMARY OF RESULTS FOR VOLATILE ORGANIC COMPOUNDS
IN CHATSWORTH FORMATION WELLS, 2006
BOEING SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well Identifier	RD-29	RD-30	RD-30	RD-30	RD-32	RD-32	RD-32
Sample Port	---	---	---	---	---	---	---
Sample Date	02/16/06	02/17/06	02/17/06	08/09/06	02/21/06	05/18/06	08/03/06
Sample Type	Primary	Primary	Dup	Primary	Primary	Primary	Primary
Sample Qualifier	---	---	---	---	---	---	---
Analysis Method	8260B	8260B	8260B	8260B	8260B	8260B	8260B
Laboratory	DMA	DMA	DMA	TA	DMA	TA	TA
Compound (ug/l)							
1,1,1-Trichloroethane	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U
1,1,2,2-Tetrachloroethane	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U
1,1,2-Trichloroethane	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U
1,1-Dichloroethane	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U
1,1-Dichloroethene	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U
1,2-Dichlorobenzene	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U
1,2-Dichloroethane	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U
1,2-Dichloropropane	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U
1,3-Dichlorobenzene	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U
1,4-Dichlorobenzene	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U
1,4-Dioxane	---	---	---	---	---	---	---
2-Butanone	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U
2-Chloroethyl Vinyl Ether	---	---	---	---	---	---	---
2-Hexanone	2.6 U	2.6 U	2.6 U	2.6 U	2.6 U	2.6 U	2.6 U
4-Methyl-2-pentanone (MIBK)	2.5 U	2.5 U	2.5 U	3.5 U	4.1 U	3.5 U	3.5 U
Acetone	4.5 U	4.5 U	4.5 U	4.5 U	5 J,L	4.5 U	4.5 U
Benzene	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U
Bromodichloromethane	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U
Bromoform	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U
Bromomethane	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U
Carbon disulfide	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U
Carbon tetrachloride	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U
Chlorobenzene	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U
Chloroethane	0.33 U	0.33 U	0.33 U	0.4 U	0.33 U	0.4 U	0.4 U
Chloroform	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U
Chloromethane	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U
cis-1,2-Dichloroethene	0.32 U	0.57 J	0.53 J	0.64 J	0.32 U	0.32 U	0.32 U
cis-1,3-Dichloropropene	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U
Dibromochloromethane	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U
Ethylbenzene	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
m,p-Xylenes	0.52 U	0.52 U	0.52 U	0.6 U	0.52 U	0.6 U	0.6 U
Methylene chloride	0.51 U	1.5 U	1.3 U	0.7 U	0.51 U	0.7 U	0.7 U
o-Xylene	0.24 U	0.24 U	0.24 U	0.3 U	0.24 U	0.3 U	0.3 U
Tetrachloroethene	0.32 U	0.6 J	0.62 J	0.44 J	0.32 U	0.32 U	0.32 U
Toluene	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U
trans-1,2-Dichloroethene	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U
trans-1,3-Dichloropropene	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U
Trichloroethene	0.99 J	11	11	8.3	0.26 U	0.26 U	0.26 U
Trichlorofluoromethane	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U
Trichlorotrifluoroethane (Freon 113)	1.2 U	2.2 J	2.6 J	1.2 U	1.2 U	1.2 U	1.2 U
Vinyl chloride	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U

See last page of Table IV for notes and abbreviations.

TABLE IV

SUMMARY OF RESULTS FOR VOLATILE ORGANIC COMPOUNDS
IN CHATSWORTH FORMATION WELLS, 2006
BOEING SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well Identifier	RD-32	RD-32	RD-33A	RD-33A	RD-33B	RD-33B	RD-33B
Sample Port	---	---	Z2	Z3	---	---	---
Sample Date	11/03/06	11/03/06	02/17/06	08/18/06	02/16/06	05/23/06	08/09/06
Sample Type	Primary	Dup	Primary	Primary	Primary	Primary	Primary
Sample Qualifier	---	---	---	---	---	---	---
Analysis Method	8260B	8260B	8260B	8260B	8260B	8260B	8260B
Laboratory	TA	TA	DMA	TA	DMA	DMA	TA
Compound (ug/l)							
1,1,1-Trichloroethane	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U
1,1,2,2-Tetrachloroethane	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U
1,1,2-Trichloroethane	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U
1,1-Dichloroethane	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U
1,1-Dichloroethene	0.42 U	0.42 U	0.44 J	0.42 U	0.42 U	0.42 U	0.42 U
1,2-Dichlorobenzene	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U
1,2-Dichloroethane	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U
1,2-Dichloropropane	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U
1,3-Dichlorobenzene	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U
1,4-Dichlorobenzene	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U
1,4-Dioxane	---	---	---	---	---	---	---
2-Butanone	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U
2-Chloroethyl Vinyl Ether	---	---	---	---	---	---	---
2-Hexanone	2.6 U	2.6 U	2.6 U	2.6 U	2.6 U	2.6 U	2.6 U
4-Methyl-2-pentanone (MIBK)	3.5 U	3.5 U	2.5 U	3.5 U	2.5 U	3.5 U	3.5 U
Acetone	4.5 U	4.5 U	4.5 U	4.5 U	4.5 U	4.5 U	4.5 U
Benzene	0.28 U	0.28 U	0.65 F	0.41 J,F	0.28 U	0.28 U	0.28 U
Bromodichloromethane	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U
Bromoform	0.4 U	0.4 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U
Bromomethane	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U
Carbon disulfide	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U
Carbon tetrachloride	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U
Chlorobenzene	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U
Chloroethane	0.4 U	0.4 U	0.33 U	0.4 U	0.33 U	0.4 U	0.4 U
Chloroform	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U
Chloromethane	0.4 U	0.4 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U
cis-1,2-Dichloroethene	0.32 U	0.32 U	2.8	2.2	0.32 U	0.32 U	0.32 U
cis-1,3-Dichloropropene	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U
Dibromochloromethane	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U
Ethylbenzene	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
m,p-Xylenes	0.6 U	0.6 U	0.52 U	0.6 U	0.52 U	0.6 U	0.6 U
Methylene chloride	0.95 U	0.95 U	2.1 U	0.7 U	0.51 U	0.7 U	0.7 U
o-Xylene	0.3 U	0.3 U	0.24 U	0.3 U	0.24 U	0.3 U	0.3 U
Tetrachloroethene	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U
Toluene	0.36 U	0.36 U	2.3 F	1.2 F	0.36 U	0.36 U	0.36 U
trans-1,2-Dichloroethene	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U
trans-1,3-Dichloropropene	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U
Trichloroethene	0.26 U	0.26 U	0.44 J	0.26 U	0.26 U	0.26 U	0.26 U
Trichlorofluoromethane	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U
Trichlorotrifluoroethane (Freon 113)	1.5 U	1.5 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
Vinyl chloride	0.3 U	0.3 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U

See last page of Table IV for notes and abbreviations.

TABLE IV

SUMMARY OF RESULTS FOR VOLATILE ORGANIC COMPOUNDS
IN CHATSWORTH FORMATION WELLS, 2006
BOEING SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well Identifier	RD-33B	RD-33C	RD-33C	RD-33C	RD-33C	RD-33C	RD-33C
Sample Port	---	---	---	---	---	---	---
Sample Date	11/03/06	02/16/06	05/22/06	08/08/06	11/02/06	11/02/06	11/02/06
Sample Type	Primary	Primary	Primary	Primary	Primary	Dup	Split
Sample Qualifier	---	---	---	---	---	---	---
Analysis Method	8260B	8260B	8260B	8260B	8260B	8260B	8260B
Laboratory	TA	DMA	DMA	TA	TA	TA	STL-SA
Compound (ug/l)							
1,1,1-Trichloroethane	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.41 U
1,1,2,2-Tetrachloroethane	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.37 U
1,1,2-Trichloroethane	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.31 U
1,1-Dichloroethane	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.1 U
1,1-Dichloroethene	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U	0.36 U
1,2-Dichlorobenzene	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.14 U
1,2-Dichloroethane	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.22 U
1,2-Dichloropropane	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.15 U
1,3-Dichlorobenzene	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.11 U
1,4-Dichlorobenzene	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U	0.13 U
1,4-Dioxane	---	---	---	---	---	---	---
2-Butanone	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U	1 U
2-Chloroethyl Vinyl Ether	---	---	---	---	---	---	---
2-Hexanone	2.6 U	2.6 U	2.6 U	2.6 U	2.6 U	2.6 U	1 U
4-Methyl-2-pentanone (MIBK)	3.5 U	2.5 U	3.5 U	3.5 U	3.5 U	3.5 U	1 U
Acetone	4.5 U	4.5 U	4.5 U	4.5 U	7.6 J,L	4.5 U	1 U
Benzene	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.13 U
Bromodichloromethane	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.14 U
Bromoform	0.4 U	0.32 U	0.32 U	0.32 U	0.4 U	0.4 U	0.1 U
Bromomethane	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U	0.08 U
Carbon disulfide	0.48 U	1.1 J	0.48 U	0.48 U	0.48 U	0.48 U	1 U
Carbon tetrachloride	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.15 U
Chlorobenzene	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U	0.12 U
Chloroethane	0.4 U	0.33 U	0.4 U	0.4 U	0.4 U	0.4 U	0.34 U
Chloroform	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.12 U
Chloromethane	0.4 U	0.3 U	0.3 U	0.3 U	0.4 U	0.4 U	0.25 U
cis-1,2-Dichloroethene	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.1 U
cis-1,3-Dichloropropene	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U
Dibromochloromethane	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.4 U
Ethylbenzene	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.27 U
m,p-Xylenes	0.6 U	0.52 U	0.6 U	0.6 U	0.6 U	0.6 U	0.18 U
Methylene chloride	0.95 U	0.51 U	1.5 U	0.7 U	0.95 U	0.95 U	0.35 U
o-Xylene	0.3 U	0.24 U	0.3 U	0.3 U	0.3 U	0.3 U	0.1 U
Tetrachloroethene	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.38 U
Toluene	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U	0.25 U
trans-1,2-Dichloroethene	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.11 U
trans-1,3-Dichloropropene	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.3 U
Trichloroethene	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.31 U
Trichlorofluoromethane	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.23 U
Trichlorotrifluoroethane (Freon 113)	1.5 U	1.2 U	1.2 U	1.2 U	1.5 U	1.5 U	1 U
Vinyl chloride	0.3 U	0.26 U	0.26 U	0.26 U	0.3 U	0.3 U	0.12 U

See last page of Table IV for notes and abbreviations.

TABLE IV

SUMMARY OF RESULTS FOR VOLATILE ORGANIC COMPOUNDS
IN CHATSWORTH FORMATION WELLS, 2006
BOEING SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well Identifier	RD-34A	RD-34A	RD-34A	RD-34A	RD-34B	RD-34B	RD-34C
Sample Port	---	---	---	---	---	---	---
Sample Date	02/21/06	02/21/06	11/16/06	12/15/06	02/17/06	08/09/06	02/21/06
Sample Type	Primary	Split	Primary	Primary	Primary	Primary	Primary
Sample Qualifier	---	---	---	---	---	---	---
Analysis Method	8260B	8260B	8260B	8260B	8260B	8260B	8260B
Laboratory	DMA	STL-SA	TA	TA	DMA	TA	DMA
Compound (ug/l)							
1,1,1-Trichloroethane	0.3 U	0.41 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U
1,1,2,2-Tetrachloroethane	0.24 U	0.37 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U
1,1,2-Trichloroethane	0.3 U	0.31 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U
1,1-Dichloroethane	0.27 U	0.1 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U
1,1-Dichloroethene	0.42 U	0.36 U	0.42 U	0.45 J	0.42 U	0.42 U	0.42 U
1,2-Dichlorobenzene	0.32 U	0.14 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U
1,2-Dichloroethane	0.28 U	0.22 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U
1,2-Dichloropropane	0.35 U	0.15 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U
1,3-Dichlorobenzene	0.35 U	0.11 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U
1,4-Dichlorobenzene	0.37 U	0.13 U	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U
1,4-Dioxane	---	---	---	---	---	---	---
2-Butanone	3.8 U	1 U	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U
2-Chloroethyl Vinyl Ether	---	---	---	---	---	---	---
2-Hexanone	2.6 U	1 U	2.6 U	2.6 U	2.6 U	2.6 U	2.6 U
4-Methyl-2-pentanone (MIBK)	2.5 U	1 U	3.5 U	3.5 U	2.5 U	3.5 U	2.5 U
Acetone	4.5 U	1 U	4.5 U	4.5 U	4.5 U	4.5 U	4.5 U
Benzene	0.28 U	0.13 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U
Bromodichloromethane	0.3 U	0.14 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U
Bromoform	0.32 U	0.1 U	0.4 U	0.4 U	0.32 U	0.32 U	0.32 U
Bromomethane	0.42 U	0.08 U	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U
Carbon disulfide	2.7 J	3.5	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U
Carbon tetrachloride	0.28 U	0.15 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U
Chlorobenzene	0.36 U	0.12 U	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U
Chloroethane	0.33 U	0.34 U	0.4 U	0.4 U	0.33 U	0.4 U	0.33 U
Chloroform	0.33 U	0.12 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U
Chloromethane	0.3 U	0.25 U	0.4 U	0.4 U	0.3 U	0.3 U	0.3 U
cis-1,2-Dichloroethene	0.32 U	0.13 J	0.69 J	1.6	0.32 U	0.92 J	0.32 U
cis-1,3-Dichloropropene	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U
Dibromochloromethane	0.28 U	0.4 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U
Ethylbenzene	0.25 U	0.27 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
m,p-Xylenes	0.52 U	0.18 U	0.6 U	0.6 U	0.52 U	0.6 U	0.52 U
Methylene chloride	0.51 U	0.35 U	0.95 U	0.95 U	1 U	0.7 U	0.51 U
o-Xylene	0.24 U	0.1 U	0.3 U	0.3 U	0.24 U	0.3 U	0.24 U
Tetrachloroethene	0.32 U	0.38 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U
Toluene	0.36 U	0.25 U	27 S	2.4 S	0.36 U	0.36 U	0.36 U
trans-1,2-Dichloroethene	0.27 U	0.11 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U
trans-1,3-Dichloropropene	0.32 U	0.3 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U
Trichloroethene	1.3	1.4	3.3	4.3	0.45 J	1.5	0.26 U
Trichlorofluoromethane	0.34 U	0.23 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U
Trichlorotrifluoroethane (Freon 113)	1.2 U	1 U	1.5 U	1.5 U	1.2 U	1.2 U	1.2 U
Vinyl chloride	0.26 U	0.12 U	0.3 U	0.3 U	0.26 U	0.26 U	0.26 U

See last page of Table IV for notes and abbreviations.

TABLE IV
SUMMARY OF RESULTS FOR VOLATILE ORGANIC COMPOUNDS
IN CHATSWORTH FORMATION WELLS, 2006
BOEING SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well Identifier	RD-34C	RD-36A	RD-36B	RD-36B	RD-36C	RD-36C	RD-36C
Sample Port	---	---	---	---	---	---	---
Sample Date	08/09/06	09/01/06	05/18/06	08/04/06	05/19/06	08/22/06	11/13/06
Sample Type	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Sample Qualifier	---	---	---	---	---	S	---
Analysis Method	8260B	8260B	8260B	8260B	8260B	8260B	8260B
Laboratory	TA	TA	TA	TA	DMA	TA	TA
Compound (ug/l)							
1,1,1-Trichloroethane	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U,S	0.3 U
1,1,2,2-Tetrachloroethane	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U,S	0.24 U
1,1,2-Trichloroethane	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U,S	0.3 U
1,1-Dichloroethane	0.27 U	0.27 U	0.27 U	0.27 U	0.64 J	0.27 U,S	0.87 J
1,1-Dichloroethene	0.42 U	0.42 U	0.42 U	0.42 U	2.2	0.42 U,S	4.1
1,2-Dichlorobenzene	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U,S	0.32 U
1,2-Dichloroethane	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U,S	0.28 U
1,2-Dichloropropane	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U,S	0.35 U
1,3-Dichlorobenzene	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U,S	0.35 U
1,4-Dichlorobenzene	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U,S	0.37 U
1,4-Dioxane	---	---	---	---	---	---	---
2-Butanone	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U,S	3.8 U
2-Chloroethyl Vinyl Ether	---	---	---	---	---	---	---
2-Hexanone	2.6 U	2.6 U	2.6 U	2.6 U	2.6 U	2.6 U,S	2.6 U
4-Methyl-2-pentanone (MIBK)	3.5 U	3.5 U	3.5 U	3.5 U	3.5 U	3.5 U,S	3.5 U
Acetone	4.5 U	4.5 U	4.5 U	4.5 U	4.5 U	4.5 U,S	4.5 U
Benzene	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U,S	0.28 U
Bromodichloromethane	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U,S	0.3 U
Bromoform	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U,S	0.4 U
Bromomethane	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U,S	0.42 U
Carbon disulfide	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U,S	0.48 U
Carbon tetrachloride	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U,S	0.28 U
Chlorobenzene	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U,S	0.36 U
Chloroethane	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U,S	0.4 U
Chloroform	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U,S	0.33 U
Chloromethane	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U,S	0.4 U
cis-1,2-Dichloroethene	0.32 U	0.32 U	0.32 U	0.32 U	70	0.32 U,S	89
cis-1,3-Dichloropropene	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U,S	0.22 U
Dibromochloromethane	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U,S	0.28 U
Ethylbenzene	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U,S	0.25 U
m,p-Xylenes	0.6 U	0.6 U	0.6 U	0.6 U	0.6 U	0.6 U,S	0.6 U
Methylene chloride	0.7 U	0.94 U	0.7 U	0.85 U	2.4 U	0.7 U,S	0.95 U
o-Xylene	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U,S	0.3 U
Tetrachloroethene	0.32 U	0.32 U	4.6	4.5	0.32 U	0.32 U,S	0.32 U
Toluene	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U,S	0.36 U
trans-1,2-Dichloroethene	0.27 U	0.27 U	0.27 U	0.27 U	30	0.27 U,S	38
trans-1,3-Dichloropropene	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U,S	0.32 U
Trichloroethene	0.26 U	0.43 J	57	55	0.58 J	0.26 U,S	1.6
Trichlorofluoromethane	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U,S	0.34 U
Trichlorotrifluoroethane (Freon 113)	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U,S	1.5 U
Vinyl chloride	0.26 U	0.26 U	0.26 U	0.26 U	0.35 J	0.26 U,S	0.3 U

See last page of Table IV for notes and abbreviations.

TABLE IV

SUMMARY OF RESULTS FOR VOLATILE ORGANIC COMPOUNDS
IN CHATSWORTH FORMATION WELLS, 2006
BOEING SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well Identifier	RD-36C	RD-36C	RD-36D	RD-36D	RD-36D	RD-37	RD-37
Sample Port	---	---	---	---	---	---	---
Sample Date	11/13/06	11/13/06	05/18/06	08/22/06	11/10/06	02/20/06	05/17/06
Sample Type	Dup	Split	Primary	Primary	Primary	Primary	Primary
Sample Qualifier	---	---	---	S	---	---	---
Analysis Method	8260B	8260B	8260B	8260B	8260B	8260B	8260B
Laboratory	TA	STL-SA	TA	TA	TA	DMA	DMA
Compound (ug/l)							
1,1,1-Trichloroethane	0.3 U	0.41 U	0.3 U	0.3 U,S	0.3 U	0.3 U	0.3 U
1,1,2,2-Tetrachloroethane	0.24 U	0.37 U	0.24 U	0.24 U,S	0.24 U	0.24 U	0.24 U
1,1,2-Trichloroethane	0.3 U	0.31 U	0.3 U	0.3 U,S	0.3 U	0.3 U	0.3 U
1,1-Dichloroethane	0.96 J	0.74 J	0.27 U	0.68 J,S	0.27 U	0.27 U	0.27 U
1,1-Dichloroethene	5.5	5.8	0.42 U	4 S	0.42 U	0.42 U	0.42 U
1,2-Dichlorobenzene	0.32 U	0.14 U	0.32 U	0.32 U,S	0.32 U	0.32 U	0.32 U
1,2-Dichloroethane	0.28 U	0.22 U	0.28 U	0.28 U,S	0.28 U	0.28 U	0.28 U
1,2-Dichloropropane	0.35 U	0.15 U	0.35 U	0.35 U,S	0.35 U	0.35 U	0.35 U
1,3-Dichlorobenzene	0.35 U	0.11 U	0.35 U	0.35 U,S	0.35 U	0.35 U	0.35 U
1,4-Dichlorobenzene	0.37 U	0.13 U	0.37 U	0.37 U,S	0.37 U	0.37 U	0.37 U
1,4-Dioxane	---	---	---	---	---	---	---
2-Butanone	3.8 U	1 U	3.8 U	3.8 U,S	3.8 U	3.8 U	3.8 U
2-Chloroethyl Vinyl Ether	---	---	---	---	---	---	---
2-Hexanone	2.6 U	1 U	2.6 U	2.6 U,S	2.6 U	2.6 U	2.6 U
4-Methyl-2-pentanone (MIBK)	3.5 U	1 U	3.5 U	3.5 U,S	3.5 U	2.5 U	3.5 U
Acetone	4.5 U	1 U	4.5 U	4.5 U,S	4.5 U	4.5 U	4.5 U
Benzene	0.28 U	0.13 U	0.28 U	0.28 U,S	0.28 U	0.28 U	0.28 U
Bromodichloromethane	0.3 U	0.14 U	0.3 U	0.3 U,S	0.3 U	0.3 U	0.3 U
Bromoform	0.4 U	0.1 U	0.32 U	0.32 U,S	0.4 U	0.32 U	0.32 U
Bromomethane	0.42 U	0.08 U	0.42 U	0.42 U,S	0.42 U	0.42 U	0.42 U
Carbon disulfide	0.48 U	1 U	0.72 J	0.48 U,S	0.48 U	0.48 U	0.48 U
Carbon tetrachloride	0.28 U	0.15 U	0.28 U	0.28 U,S	0.28 U	0.28 U	0.28 U
Chlorobenzene	0.36 U	0.12 U	0.36 U	0.36 U,S	0.36 U	0.36 U	0.36 U
Chloroethane	0.4 U	0.34 U	0.4 U	0.4 U,S	0.4 U	0.33 U	0.4 U
Chloroform	0.33 U	0.12 U	0.33 U	0.33 U,S	0.33 U	0.33 U	0.33 U
Chloromethane	0.4 U	0.25 U	0.3 U	0.3 U,S	0.4 U	0.3 U	0.3 U
cis-1,2-Dichloroethene	86	70	0.32 U	80 S	0.32 U	0.32 U	0.32 U
cis-1,3-Dichloropropene	0.22 U	0.22 U	0.22 U	0.22 U,S	0.22 U	0.22 U	0.22 U
Dibromochloromethane	0.28 U	0.4 U	0.28 U	0.28 U,S	0.28 U	0.28 U	0.28 U
Ethylbenzene	0.25 U	0.27 U	0.25 U	0.25 U,S	0.25 U	0.25 U	0.25 U
m,p-Xylenes	0.6 U	0.18 U	0.6 U	0.6 U,S	0.6 U	0.52 U	0.6 U
Methylene chloride	0.95 U	0.35 U	0.7 U	0.7 U,S	0.95 U	0.51 U	2.2 U
o-Xylene	0.3 U	0.1 U	0.3 U	0.3 U,S	0.3 U	0.24 U	0.3 U
Tetrachloroethene	2	1.9	0.32 U	0.32 U,S	0.32 U	0.32 U	0.32 U
Toluene	0.36 U	0.25 U	0.36 U	0.36 U,S	0.36 U	0.36 U	0.36 U
trans-1,2-Dichloroethene	15	12	0.27 U	29 S	0.27 U	0.27 U	0.27 U
trans-1,3-Dichloropropene	0.32 U	0.3 U	0.32 U	0.32 U,S	0.32 U	0.32 U	0.32 U
Trichloroethene	56	50	0.44 J	12 S	0.6 J	0.26 U	0.26 U
Trichlorofluoromethane	0.34 U	0.23 U	0.34 U	0.34 U,S	0.34 U	0.34 U	0.34 U
Trichlorotrifluoroethane (Freon 113)	1.5 U	1 U	1.2 U	1.2 U,S	1.5 U	1.2 U	1.2 U
Vinyl chloride	0.3 U	0.12 U	0.26 U	0.26 U,S	0.3 U	0.26 U	0.26 U

See last page of Table IV for notes and abbreviations.

TABLE IV

SUMMARY OF RESULTS FOR VOLATILE ORGANIC COMPOUNDS
IN CHATSWORTH FORMATION WELLS, 2006
BOEING SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well Identifier	RD-37	RD-37	RD-38A	RD-38A	RD-38B	RD-38B	RD-38B
Sample Port	---	---	---	---	---	---	---
Sample Date	08/03/06	11/13/06	05/17/06	08/23/06	02/21/06	05/17/06	08/23/06
Sample Type	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Sample Qualifier	---	---	---	---	---	---	---
Analysis Method	8260B	8260B	8260B	8260B	8260B	8260B	8260B
Laboratory	TA	TA	DMA	TA	DMA	DMA	TA
Compound (ug/l)							
1,1,1-Trichloroethane	0.3 U	0.3 U	1.2 U	1.2 U	0.3 U	0.3 U	0.3 U
1,1,2,2-Tetrachloroethane	0.24 U	0.24 U	0.96 U	0.96 U	0.24 U	0.24 U	0.24 U
1,1,2-Trichloroethane	0.3 U	0.3 U	1.2 U	1.2 U	0.3 U	0.3 U	0.3 U
1,1-Dichloroethane	0.27 U	0.27 U	3 J	3.4 J	0.27 U	0.27 U	0.27 U
1,1-Dichloroethene	0.42 U	0.42 U	7.8	13	0.42 U	0.42 U	0.42 U
1,2-Dichlorobenzene	0.32 U	0.32 U	1.3 U	1.3 U	0.32 U	0.32 U	0.32 U
1,2-Dichloroethane	0.28 U	0.28 U	1.1 U	1.1 U	0.28 U	0.28 U	0.28 U
1,2-Dichloropropane	0.35 U	0.35 U	1.4 U	1.4 U	0.35 U	0.35 U	0.35 U
1,3-Dichlorobenzene	0.35 U	0.35 U	1.4 U	1.4 U	0.35 U	0.35 U	0.35 U
1,4-Dichlorobenzene	0.37 U	0.37 U	1.5 U	1.5 U	0.37 U	0.37 U	0.37 U
1,4-Dioxane	---	---	---	---	---	---	---
2-Butanone	3.8 U	3.8 U	15 U	15 U	3.8 U	3.8 U	3.8 U
2-Chloroethyl Vinyl Ether	---	---	---	---	---	---	---
2-Hexanone	2.6 U	2.6 U	10 U	10 U	2.6 U	2.6 U	2.6 U
4-Methyl-2-pentanone (MIBK)	3.5 U	3.5 U	14 U	14 U	2.5 U	3.5 U	3.5 U
Acetone	4.5 U	4.5 U	18 U	18 U	4.5 U	4.5 U	4.5 U
Benzene	0.28 U	0.28 U	1.1 U	1.1 U	0.28 U	0.28 U	0.28 U
Bromodichloromethane	0.3 U	0.3 U	1.2 U	1.2 U	0.3 U	0.3 U	0.3 U
Bromoform	0.32 U	0.4 U	1.3 U	1.3 U	0.32 U	0.32 U	0.32 U
Bromomethane	0.42 U	0.42 U	1.7 U	1.7 U	0.42 U	0.42 U	0.42 U
Carbon disulfide	0.48 U	0.48 U	1.9 U	1.9 U	0.48 U	0.48 U	0.48 U
Carbon tetrachloride	0.28 U	0.28 U	1.1 U	1.1 U	0.28 U	0.28 U	0.28 U
Chlorobenzene	0.36 U	0.36 U	1.4 U	1.4 U	0.36 U	0.36 U	0.36 U
Chloroethane	0.4 U	0.4 U	1.6 U	1.6 U	0.33 U	0.4 U	0.4 U
Chloroform	0.33 U	0.33 U	1.3 U	1.3 U	0.33 U	0.33 U	0.33 U
Chloromethane	0.3 U	0.4 U	1.2 U	1.2 U	0.3 U	0.3 U	0.3 U
cis-1,2-Dichloroethene	0.32 U	0.32 U	37	66	0.32 U	0.32 U	0.32 U
cis-1,3-Dichloropropene	0.22 U	0.22 U	0.88 U	0.88 U	0.22 U	0.22 U	0.22 U
Dibromochloromethane	0.28 U	0.28 U	1.1 U	1.1 U	0.28 U	0.28 U	0.28 U
Ethylbenzene	0.25 U	0.25 U	1 U	1 U	0.25 U	0.25 U	0.25 U
m,p-Xylenes	0.6 U	0.6 U	2.4 U	2.4 U	0.52 U	0.6 U	0.6 U
Methylene chloride	1.2 U	0.95 U	12 J,L	2.8 U	0.51 U	1.9 U	0.7 U
o-Xylene	0.3 U	0.3 U	1.2 U	1.2 U	0.24 U	0.3 U	0.3 U
Tetrachloroethene	0.32 U	0.32 U	1.3 U	1.3 U	0.32 U	0.32 U	0.32 U
Toluene	0.36 U	0.36 U	1.4 U	1.4 U	0.36 U	0.36 U	0.36 U
trans-1,2-Dichloroethene	0.27 U	0.27 U	1.1 U	1.1 U	0.27 U	0.27 U	0.27 U
trans-1,3-Dichloropropene	0.32 U	0.32 U	1.3 U	1.3 U	0.32 U	0.32 U	0.32 U
Trichloroethene	0.26 U	0.26 U	300	350	0.26 U	0.26 U	0.26 U
Trichlorofluoromethane	0.34 U	0.34 U	1.4 U	1.4 U	0.34 U	0.34 U	0.34 U
Trichlorotrifluoroethane (Freon 113)	1.2 U	1.5 U	4.8 U	4.8 U	1.2 U	1.2 U	1.2 U
Vinyl chloride	0.26 U	0.3 U	1 U	1 U	0.26 U	0.26 U	0.26 U

See last page of Table IV for notes and abbreviations.

TABLE IV
SUMMARY OF RESULTS FOR VOLATILE ORGANIC COMPOUNDS
IN CHATSWORTH FORMATION WELLS, 2006
BOEING SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well Identifier	RD-38B	RD-39A	RD-39A	RD-39A	RD-39A	RD-39A	RD-39A
Sample Port	---	---	---	---	---	---	---
Sample Date	11/15/06	08/31/06	08/31/06	08/31/06	11/15/06	11/15/06	11/15/06
Sample Type	Primary	Primary	Dup	Split	Primary	Dup	Split
Sample Qualifier	---	---	---	---	---	---	---
Analysis Method	8260B	8260B	8260B	8260B	8260B	8260B	8260B
Laboratory	TA	TA	TA	STL-SA	TA	TA	STL-SA
Compound (ug/l)							
1,1,1-Trichloroethane	0.3 U	0.3 U	0.3 U	0.41 U	0.3 U	0.3 U	0.41 U
1,1,2,2-Tetrachloroethane	0.24 U	0.24 U	0.24 U	0.37 U	0.24 U	0.24 U	0.37 U
1,1,2-Trichloroethane	0.3 U	0.3 U	0.3 U	0.31 U	0.3 U	0.3 U	0.31 U
1,1-Dichloroethane	0.27 U	0.27 U	0.27 U	0.1 U	0.27 U	0.27 U	0.1 U
1,1-Dichloroethene	0.42 U	0.42 U	0.42 U	0.36 U	0.42 U	0.42 U	0.36 U
1,2-Dichlorobenzene	0.32 U	0.32 U	0.32 U	0.14 U	0.32 U	0.32 U	0.14 U
1,2-Dichloroethane	0.28 U	0.28 U	0.28 U	0.22 U	0.28 U	0.28 U	0.22 U
1,2-Dichloropropane	0.35 U	0.35 U	0.35 U	0.15 U	0.35 U	0.35 U	0.15 R
1,3-Dichlorobenzene	0.35 U	0.35 U	0.35 U	0.11 U	0.35 U	0.35 U	0.11 U
1,4-Dichlorobenzene	0.37 U	0.37 U	0.37 U	0.13 U	0.37 U	0.37 U	0.13 U
1,4-Dioxane	---	---	---	---	---	---	---
2-Butanone	3.8 U	3.8 U	3.8 U	1 U	3.8 U	3.8 U	1 U
2-Chloroethyl Vinyl Ether	---	---	---	---	---	---	---
2-Hexanone	2.6 U	4 J,S	3.8 J,S	4.4 S	2.6 U	2.6 U	1 U
4-Methyl-2-pentanone (MIBK)	3.5 U	3.5 U	3.5 U	1 U	3.5 U	3.5 U	1 U
Acetone	4.5 U	4.5 U	4.5 U	2.1 S	4.5 U	4.5 U	1.3 J,L
Benzene	0.28 U	0.28 U	0.28 U	0.19 S	0.28 U	0.28 U	0.17 J
Bromodichloromethane	0.3 U	0.3 U	0.3 U	0.14 U	0.3 U	0.3 U	0.14 U
Bromoform	0.4 U	0.32 U	0.32 U	0.1 U	0.4 U	0.4 U	0.1 U
Bromomethane	0.42 U	0.42 U	0.42 U	0.08 U	0.42 U	0.42 U	0.08 U
Carbon disulfide	0.48 U	0.48 U	0.48 U	1 U	0.48 U	0.48 U	1 U
Carbon tetrachloride	0.28 U	0.28 U	0.28 U	0.15 U	0.28 U	0.28 U	0.15 U
Chlorobenzene	0.36 U	0.36 U	0.36 U	0.12 U	0.36 U	0.36 U	0.12 U
Chloroethane	0.4 U	0.4 U	0.4 U	0.34 U	0.4 U	0.4 U	0.34 U
Chloroform	0.33 U	0.33 U	0.33 U	0.12 U	0.33 U	0.33 U	0.12 U
Chloromethane	0.4 U	0.3 U	0.3 U	0.25 U	0.4 U	0.4 U	0.25 U
cis-1,2-Dichloroethene	0.32 U	0.32 U	0.32 U	0.1 U	0.32 U	0.32 U	0.1 U
cis-1,3-Dichloropropene	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U
Dibromochloromethane	0.28 U	0.28 U	0.28 U	0.4 U	0.28 U	0.28 U	0.4 U
Ethylbenzene	0.25 U	0.25 U	0.25 U	0.27 U	0.25 U	0.25 U	0.27 U
m,p-Xylenes	0.6 U	0.6 U	0.6 U	0.18 U	0.6 U	0.6 U	0.18 U
Methylene chloride	0.95 U	0.78 U	0.7 U	0.35 U	0.95 U	0.95 U	0.35 U
o-Xylene	0.3 U	0.3 U	0.3 U	0.1 U	0.3 U	0.3 U	0.1 U
Tetrachloroethene	0.32 U	0.32 U	0.32 U	0.38 U	0.32 U	0.32 U	0.38 U
Toluene	0.36 U	0.36 U	0.36 U	0.25 U	0.36 U	0.36 U	0.25 U
trans-1,2-Dichloroethene	0.27 U	0.27 U	0.27 U	0.11 U	0.27 U	0.27 U	0.11 U
trans-1,3-Dichloropropene	0.32 U	0.32 U	0.32 U	0.3 U	0.32 U	0.32 U	0.3 U
Trichloroethene	0.26 U	0.26 U	0.26 U	0.31 U	0.26 UJ	0.26 U	0.31 U
Trichlorofluoromethane	0.34 U	0.34 U	0.34 U	0.23 U	0.34 U	0.34 U	0.23 U
Trichlorotrifluoroethane (Freon 113)	1.5 U	1.2 U	1.2 U	1 U	1.5 U	1.5 U	1 U
Vinyl chloride	0.3 U	0.26 U	0.26 U	0.12 U	0.3 U	0.3 U	0.12 U

See last page of Table IV for notes and abbreviations.

TABLE IV

SUMMARY OF RESULTS FOR VOLATILE ORGANIC COMPOUNDS
IN CHATSWORTH FORMATION WELLS, 2006
BOEING SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well Identifier	RD-39B	RD-39B	RD-39B	RD-39B	RD-41A	RD-41A	RD-41A
Sample Port	---	---	---	---	---	---	---
Sample Date	02/20/06	05/18/06	08/24/06	11/14/06	02/09/06	05/11/06	05/11/06
Sample Type	Primary	Primary	Primary	Primary	Primary	Primary	Dup
Sample Qualifier	---	---	---	---	---	---	---
Analysis Method	8260B	8260B	8260B	8260B	8260B	8260B	8260B
Laboratory	DMA	TA	TA	TA	DMA	DMA	DMA
Compound (ug/l)							
1,1,1-Trichloroethane	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U
1,1,2,2-Tetrachloroethane	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U
1,1,2-Trichloroethane	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U
1,1-Dichloroethane	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U
1,1-Dichloroethene	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U
1,2-Dichlorobenzene	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U
1,2-Dichloroethane	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U
1,2-Dichloropropane	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U
1,3-Dichlorobenzene	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U
1,4-Dichlorobenzene	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U
1,4-Dioxane	---	---	---	---	0.49 U	0.68 J	---
2-Butanone	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U
2-Chloroethyl Vinyl Ether	---	---	---	---	---	---	---
2-Hexanone	2.6 U	2.6 U	2.6 U	2.6 U	2.6 U	2.6 U	2.6 U
4-Methyl-2-pentanone (MIBK)	2.5 U	3.5 U	3.5 U	3.5 U	2.5 U	3.5 U	3.5 U
Acetone	4.5 U	4.5 U	4.5 U	4.5 U	4.5 U	4.5 U	4.5 U
Benzene	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U
Bromodichloromethane	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U
Bromoform	0.32 U	0.32 U	0.32 U	0.4 U	0.32 U	0.32 U	0.32 U
Bromomethane	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U
Carbon disulfide	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U
Carbon tetrachloride	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U
Chlorobenzene	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U
Chloroethane	0.33 U	0.4 U	0.4 U	0.4 U	0.33 U	0.4 U	0.4 U
Chloroform	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U
Chloromethane	0.3 U	0.3 U	0.3 U	0.4 U	0.3 U	0.3 U	0.3 U
cis-1,2-Dichloroethene	0.32 U	0.32 U	0.32 U	0.32 U	4.3	2.6	3
cis-1,3-Dichloropropene	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U
Dibromochloromethane	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U
Ethylbenzene	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
m,p-Xylenes	0.52 U	0.6 U	0.6 U	0.6 U	0.52 U	0.6 U	0.6 U
Methylene chloride	0.51 U	0.7 U	0.95 U	0.95 U	0.51 U	1.1 U	1.2 U
o-Xylene	0.24 U	0.3 U	0.3 U	0.3 U	0.24 U	0.3 U	0.3 U
Tetrachloroethene	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U
Toluene	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U
trans-1,2-Dichloroethene	0.27 U	0.27 U	0.27 U	0.27 U	0.52 J	0.54 J	0.68 J
trans-1,3-Dichloropropene	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U
Trichloroethene	0.26 U	0.26 U	0.26 U	0.33 J	8.1	4.1	4.7
Trichlorofluoromethane	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U
Trichlorotrifluoroethane (Freon 113)	1.2 U	1.2 U	1.2 U	1.5 U	1.2 U	1.2 U	1.2 U
Vinyl chloride	0.26 U	0.26 U	0.26 U	0.3 U	0.26 U	0.26 UJ	0.26 UJ

See last page of Table IV for notes and abbreviations.

TABLE IV
SUMMARY OF RESULTS FOR VOLATILE ORGANIC COMPOUNDS
IN CHATSWORTH FORMATION WELLS, 2006
BOEING SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well Identifier	RD-41A	RD-41A	RD-41B	RD-41B	RD-41B	RD-41B	RD-41B
Sample Port	---	---	---	---	---	---	---
Sample Date	08/16/06	11/09/06	02/09/06	05/11/06	08/16/06	08/16/06	11/09/06
Sample Type	Primary	Primary	Primary	Primary	Primary	Dup	Primary
Sample Qualifier	---	---	---	---	---	---	---
Analysis Method	8260B	8260B	8260B	8260B	8260B	8260B	8260B
Laboratory	TA	TA	DMA	DMA	TA	TA	TA
Compound (ug/l)							
1,1,1-Trichloroethane	0.3 U	0.3 U	3 U	0.3 U	3 U	0.3 U	3 U
1,1,2,2-Tetrachloroethane	0.24 U	0.24 U	2.4 U	0.24 U	2.4 U	0.24 U	2.4 U
1,1,2-Trichloroethane	0.3 U	0.3 U	3 U	0.3 U	3 U	0.3 U	3 U
1,1-Dichloroethane	0.27 U	0.27 U	2.7 U	0.27 U	2.7 U	0.27 U	2.7 U
1,1-Dichloroethene	0.42 U	0.42 U	4.2 U	2.6	4.2 U	2.6	4.2 U
1,2-Dichlorobenzene	0.32 U	0.32 U	3.2 U	0.32 U	3.2 U	0.32 U	3.2 U
1,2-Dichloroethane	0.28 U	0.28 U	2.8 U	0.28 U	2.8 U	0.28 U	2.8 U
1,2-Dichloropropane	0.35 U	0.35 U	3.5 U	0.35 U	3.5 U	0.35 U	3.5 U
1,3-Dichlorobenzene	0.35 U	0.35 U	3.5 U	0.35 U	3.5 U	0.35 U	3.5 U
1,4-Dichlorobenzene	0.37 U	0.37 U	3.7 U	0.37 U	3.7 U	0.37 U	3.7 U
1,4-Dioxane	1 U	1 U	1.3	1.3 J	1 J	---	1 U
2-Butanone	3.8 U	3.8 U	38 U	3.8 U	38 U	3.8 U	38 U
2-Chloroethyl Vinyl Ether	---	---	---	---	---	---	---
2-Hexanone	2.6 U	2.6 U	26 U	2.6 U	26 U	2.6 U	26 U
4-Methyl-2-pentanone (MIBK)	3.5 U	3.5 U	25 U	3.5 U	35 U	3.5 U	35 U
Acetone	4.5 U	4.5 U	45 U	4.5 U	45 U	4.5 U	45 U
Benzene	0.28 U	0.28 U	2.8 U	0.28 U	2.8 U	0.28 U	2.8 U
Bromodichloromethane	0.3 U	0.3 U	3 U	0.3 U	3 U	0.3 U	3 U
Bromoform	0.32 U	0.4 U	3.2 U	0.32 U	3.2 U	0.32 U	4 U
Bromomethane	0.42 U	0.42 U	4.2 U	0.42 U	4.2 U	0.42 U	4.2 U
Carbon disulfide	0.48 U	0.48 U	4.8 U	0.48 U	4.8 U	0.48 U	4.8 U
Carbon tetrachloride	0.28 U	0.28 U	2.8 U	0.28 U	2.8 U	0.28 U	2.8 U
Chlorobenzene	0.36 U	0.36 U	3.6 U	0.36 U	3.6 U	0.36 U	3.6 U
Chloroethane	0.4 U	0.4 U	3.3 U	0.4 U	4 U	0.4 U	4 U
Chloroform	0.34 U	0.33 U	3.3 U	0.33 U	4.1 U	0.33 U	3.3 U
Chloromethane	0.3 U	0.4 U	3 U	0.3 U	3 U	0.3 U	4 U
cis-1,2-Dichloroethene	4.1	5.3	690	650	530	580	700
cis-1,3-Dichloropropene	0.22 U	0.22 U	2.2 U	0.22 U	2.2 U	0.22 U	2.2 U
Dibromochloromethane	0.28 U	0.28 U	2.8 U	0.28 U	2.8 U	0.28 U	2.8 U
Ethylbenzene	0.25 U	0.25 U	2.5 U	0.25 U	2.5 U	0.25 U	2.5 U
m,p-Xylenes	0.6 U	0.6 U	5.2 U	0.6 U	6 U	0.6 U	6 U
Methylene chloride	0.8 U	0.95 U	5.1 U	1.1 U	7 U	0.7 U	9.5 U
o-Xylene	0.3 U	0.3 U	2.4 U	0.3 U	3 U	0.3 U	3 U
Tetrachloroethene	0.32 U	0.32 U	3.2 U	0.32 U	3.2 U	0.32 U	3.2 U
Toluene	0.36 U	0.36 U	3.6 U	0.36 U	3.6 U	0.36 U	3.6 U
trans-1,2-Dichloroethene	0.45 J	1.3	40	36 J	26	32	39
trans-1,3-Dichloropropene	0.32 U	0.32 U	3.2 U	0.32 U	3.2 U	0.32 U	3.2 U
Trichloroethene	5.7	5.1	1300	1200	1000	1300	1300
Trichlorofluoromethane	0.34 U	0.34 U	3.4 U	0.34 U	3.4 U	0.34 U	3.4 U
Trichlorotrifluoroethane (Freon 113)	1.2 U	1.5 U	12 U	1.2 U	12 U	1.2 U	15 U
Vinyl chloride	0.26 U	0.81	26	29 J	2.6 U	23	26

See last page of Table IV for notes and abbreviations.

TABLE IV

SUMMARY OF RESULTS FOR VOLATILE ORGANIC COMPOUNDS
IN CHATSWORTH FORMATION WELLS, 2006
BOEING SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well Identifier	RD-43A	RD-43A	RD-43A	RD-43A	RD-43B	RD-43B	RD-43B
Sample Port	---	---	---	---	---	---	---
Sample Date	02/23/06	05/17/06	08/23/06	10/31/06	02/22/06	05/17/06	08/22/06
Sample Type	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Sample Qualifier	---	---	---	---	---	---	---
Analysis Method	8260B	8260B	8260B	8260B	8260B	8260B	8260B
Laboratory	DMA	DMA	TA	TA	DMA	DMA	TA
Compound (ug/l)							
1,1,1-Trichloroethane	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U
1,1,2,2-Tetrachloroethane	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U
1,1,2-Trichloroethane	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U
1,1-Dichloroethane	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U
1,1-Dichloroethene	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U
1,2-Dichlorobenzene	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U
1,2-Dichloroethane	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U
1,2-Dichloropropane	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U
1,3-Dichlorobenzene	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U
1,4-Dichlorobenzene	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U
1,4-Dioxane	---	---	---	---	---	---	---
2-Butanone	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U
2-Chloroethyl Vinyl Ether	---	---	---	---	---	---	---
2-Hexanone	2.6 U	2.6 U	2.6 U	2.6 U	2.6 U	2.6 U	2.6 U
4-Methyl-2-pentanone (MIBK)	2.5 U	3.5 U	3.5 U	3.5 U	2.5 U	3.5 U	3.5 U
Acetone	4.5 U	4.5 U	4.5 U	4.5 U	4.5 U	4.5 U	4.5 U
Benzene	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U
Bromodichloromethane	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U
Bromoform	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U
Bromomethane	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U
Carbon disulfide	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U
Carbon tetrachloride	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U
Chlorobenzene	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U
Chloroethane	0.33 U	0.4 U	0.4 U	0.4 U	0.33 U	0.4 U	0.4 U
Chloroform	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U
Chloromethane	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U
cis-1,2-Dichloroethene	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U
cis-1,3-Dichloropropene	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U
Dibromochloromethane	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U
Ethylbenzene	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
m,p-Xylenes	0.52 U	0.6 U	0.6 U	0.6 U	0.52 U	0.6 U	0.6 U
Methylene chloride	0.51 U	0.86 U	0.7 U	1.7 U	0.51 U	0.86 U	0.85 U
o-Xylene	0.24 U	0.3 U	0.3 U	0.3 U	0.24 U	0.3 U	0.3 U
Tetrachloroethene	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U
Toluene	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U
trans-1,2-Dichloroethene	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U
trans-1,3-Dichloropropene	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U
Trichloroethene	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U
Trichlorofluoromethane	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U
Trichlorotrifluoroethane (Freon 113)	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
Vinyl chloride	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U

See last page of Table IV for notes and abbreviations.

TABLE IV
SUMMARY OF RESULTS FOR VOLATILE ORGANIC COMPOUNDS
IN CHATSWORTH FORMATION WELLS, 2006
BOEING SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well Identifier	RD-43B	RD-43C	RD-43C	RD-43C	RD-43C	RD-43C	RD-44
Sample Port	---	---	---	---	---	---	---
Sample Date	10/31/06	02/22/06	05/17/06	08/21/06	08/21/06	10/30/06	02/13/06
Sample Type	Primary	Primary	Primary	Primary	Dup	Primary	Primary
Sample Qualifier	---	---	---	---	---	---	---
Analysis Method	8260B	8260B	8260B	8260B	8260B	8260B	8260B
Laboratory	TA	DMA	DMA	TA	TA	TA	DMA
Compound (ug/l)							
1,1,1-Trichloroethane	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U
1,1,2,2-Tetrachloroethane	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U
1,1,2-Trichloroethane	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U
1,1-Dichloroethane	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U
1,1-Dichloroethene	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U
1,2-Dichlorobenzene	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U
1,2-Dichloroethane	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U
1,2-Dichloropropane	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U
1,3-Dichlorobenzene	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U
1,4-Dichlorobenzene	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U
1,4-Dioxane	---	---	---	---	---	---	0.49 U
2-Butanone	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U
2-Chloroethyl Vinyl Ether	---	---	---	---	---	---	---
2-Hexanone	2.6 U	2.6 U	2.6 U	2.6 U	2.6 U	2.6 U	2.6 U
4-Methyl-2-pentanone (MIBK)	3.5 U	2.5 U	3.5 U	3.5 U	3.5 U	3.5 U	2.5 U
Acetone	4.5 U	4.5 U	4.5 U	4.5 U	4.5 U	4.5 U	4.5 U
Benzene	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U
Bromodichloromethane	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U
Bromoform	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U
Bromomethane	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U
Carbon disulfide	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U
Carbon tetrachloride	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U
Chlorobenzene	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U
Chloroethane	0.4 U	0.33 U	0.4 U	0.4 U	0.4 U	0.4 U	0.33 U
Chloroform	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U
Chloromethane	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U
cis-1,2-Dichloroethene	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U
cis-1,3-Dichloropropene	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U
Dibromochloromethane	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U
Ethylbenzene	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
m,p-Xylenes	0.6 U	0.52 U	0.6 U	0.6 U	0.6 U	0.6 U	0.52 U
Methylene chloride	1.4 U	0.51 U	0.86 U	1.1 U	1.1 U	0.7 U	0.51 U
o-Xylene	0.3 U	0.24 U	0.3 U	0.3 U	0.3 U	0.3 U	0.24 U
Tetrachloroethene	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U
Toluene	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U
trans-1,2-Dichloroethene	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U
trans-1,3-Dichloropropene	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U
Trichloroethene	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U
Trichlorofluoromethane	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U
Trichlorotrifluoroethane (Freon 113)	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
Vinyl chloride	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U

See last page of Table IV for notes and abbreviations.

TABLE IV

SUMMARY OF RESULTS FOR VOLATILE ORGANIC COMPOUNDS
IN CHATSWORTH FORMATION WELLS, 2006
BOEING SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well Identifier	RD-44	RD-44	RD-44	RD-45B	RD-45B	RD-45C	RD-45C
Sample Port	---	---	---	---	---	---	---
Sample Date	08/23/06	11/07/06	11/07/06	02/06/06	08/18/06	02/03/06	02/03/06
Sample Type	Primary	Primary	Dup	Primary	Primary	Primary	Dup
Sample Qualifier	---	---	---	---	---	---	---
Analysis Method	8260B	8260B	8260B	8260B	8260B	8260B	8260B
Laboratory	TA	TA	TA	DMA	TA	DMA	DMA
Compound (ug/l)							
1,1,1-Trichloroethane	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U
1,1,2,2-Tetrachloroethane	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U
1,1,2-Trichloroethane	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U
1,1-Dichloroethane	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U
1,1-Dichloroethene	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U
1,2-Dichlorobenzene	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U
1,2-Dichloroethane	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U
1,2-Dichloropropane	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U
1,3-Dichlorobenzene	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U
1,4-Dichlorobenzene	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U
1,4-Dioxane	1 U	1 U	---	---	---	---	---
2-Butanone	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U
2-Chloroethyl Vinyl Ether	---	---	---	---	---	---	---
2-Hexanone	2.6 U	2.6 U	2.6 U	2.6 U	2.6 U	2.6 U	2.6 U
4-Methyl-2-pentanone (MIBK)	3.5 U	3.5 U	3.5 U	2.5 U	3.5 U	2.5 U	2.5 U
Acetone	4.5 U	4.5 U	4.5 U	4.5 U	4.5 U	4.5 U	4.5 U
Benzene	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U
Bromodichloromethane	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U
Bromoform	0.32 U	0.4 U	0.4 U	0.32 U	0.32 U	0.32 U	0.32 U
Bromomethane	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U
Carbon disulfide	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U
Carbon tetrachloride	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U
Chlorobenzene	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U
Chloroethane	0.4 U	0.4 U	0.4 U	0.33 U	0.4 U	0.33 U	0.33 U
Chloroform	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U
Chloromethane	0.3 U	0.4 U	0.4 U	0.3 U	0.3 U	0.3 U	0.3 U
cis-1,2-Dichloroethene	0.32 U	0.32 U	0.32 U	26	23	0.32 U	0.32 U
cis-1,3-Dichloropropene	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U
Dibromochloromethane	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U
Ethylbenzene	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
m,p-Xylenes	0.6 U	0.6 U	0.6 U	0.52 U	0.6 U	0.52 U	0.52 U
Methylene chloride	0.7 U	0.95 U	0.95 U	0.51 U	0.83 U	0.51 U	0.51 U
o-Xylene	0.3 U	0.3 U	0.3 U	0.24 U	0.3 U	0.24 U	0.24 U
Tetrachloroethene	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U
Toluene	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U
trans-1,2-Dichloroethene	0.27 U	0.27 U	0.27 U	2	1.8	0.27 U	0.27 U
trans-1,3-Dichloropropene	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U
Trichloroethene	0.26 U	0.26 U	0.26 U	1.2	2.1	0.26 U	0.26 U
Trichlorofluoromethane	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 UJ	0.34 UJ
Trichlorotrifluoroethane (Freon 113)	1.2 U	1.5 U	1.5 U	1.2 U	1.2 U	1.2 U	1.2 U
Vinyl chloride	0.26 U	0.3 U	0.3 U	0.26 U	0.26 U	0.26 U	0.26 U

See last page of Table IV for notes and abbreviations.

TABLE IV
SUMMARY OF RESULTS FOR VOLATILE ORGANIC COMPOUNDS
IN CHATSWORTH FORMATION WELLS, 2006
BOEING SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well Identifier	RD-45C	RD-46A	RD-46A	RD-47	RD-47	RD-48A	RD-48B
Sample Port	---	---	---	---	---	---	---
Sample Date	08/23/06	02/23/06	08/23/06	02/03/06	08/29/06	08/29/06	02/23/06
Sample Type	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Sample Qualifier	---	---	---	---	---	---	---
Analysis Method	8260B	8260B	8260B	8260B	8260B	8260B	8260B
Laboratory	TA	DMA	TA	DMA	TA	TA	DMA
Compound (ug/l)							
1,1,1-Trichloroethane	0.3 U	30 U	12 U	0.3 U	0.3 U	0.3 U	0.3 U
1,1,2,2-Tetrachloroethane	0.24 U	24 U	9.6 U	0.24 U	0.24 U	0.24 U	0.24 U
1,1,2-Trichloroethane	0.3 U	30 U	12 U	0.3 U	0.3 U	0.3 U	0.3 U
1,1-Dichloroethane	0.27 U	27 U	11 U	0.27 U	0.27 U	0.27 U	0.27 U
1,1-Dichloroethene	0.42 U	42 U	17 U	0.42 U	0.42 U	0.42 U	0.42 U
1,2-Dichlorobenzene	0.32 U	32 U	13 U	0.32 U	0.32 U	0.32 U	0.32 U
1,2-Dichloroethane	0.28 U	28 U	11 U	0.28 U	0.28 U	0.28 U	0.28 U
1,2-Dichloropropane	0.35 U	35 U	14 U	0.35 U	0.35 U	0.35 U	0.35 U
1,3-Dichlorobenzene	0.35 U	35 U	14 U	0.35 U	0.35 U	0.35 U	0.35 U
1,4-Dichlorobenzene	0.37 U	37 U	15 U	0.37 U	0.37 U	0.37 U	0.37 U
1,4-Dioxane	---	---	---	---	---	---	---
2-Butanone	3.8 U	380 U	150 U	3.8 U	3.8 U	3.8 U	3.8 U
2-Chloroethyl Vinyl Ether	---	---	---	---	---	---	---
2-Hexanone	2.6 U	260 U	100 U	2.6 U	2.6 U	2.6 U	2.6 U
4-Methyl-2-pentanone (MIBK)	3.5 U	250 U	140 U	2.5 U	3.5 U	3.5 U	2.5 U
Acetone	4.5 U	450 U	180 U	4.5 U	4.5 U	4.5 U	4.5 U
Benzene	0.28 U	28 U	11 U	0.28 U	0.28 U	0.28 U	0.28 U
Bromodichloromethane	0.3 U	30 U	12 U	0.3 U	0.3 U	0.3 U	0.3 U
Bromoform	0.32 U	32 U	13 U	0.32 U	0.32 U	0.32 U	0.32 U
Bromomethane	0.42 U	42 U	17 U	0.42 U	0.42 U	0.42 U	0.42 U
Carbon disulfide	0.48 U	48 U	19 U	0.48 U	0.48 U	0.85 J	0.48 U
Carbon tetrachloride	0.28 U	28 U	11 U	0.28 U	0.28 U	0.28 U	0.28 U
Chlorobenzene	0.36 U	36 U	14 U	0.36 U	0.36 U	0.36 U	0.36 U
Chloroethane	0.4 U	33 U	16 U	0.33 U	0.4 U	0.4 U	0.33 U
Chloroform	0.33 U	33 U	13 U	0.33 U	0.33 U	0.33 U	0.33 U
Chloromethane	0.3 U	30 U	12 U	0.3 U	0.3 U	0.3 U	0.3 U
cis-1,2-Dichloroethene	0.32 U	210	140	1.3	1	0.32 U	0.32 U
cis-1,3-Dichloropropene	0.22 U	22 U	8.8 U	0.22 U	0.22 U	0.22 U	0.22 U
Dibromochloromethane	0.28 U	28 U	11 U	0.28 U	0.28 U	0.28 U	0.28 U
Ethylbenzene	0.25 U	25 U	10 U	0.25 U	0.25 U	0.25 U	0.25 U
m,p-Xylenes	0.6 U	52 U	24 U	0.52 U	0.6 U	0.6 U	0.52 U
Methylene chloride	0.7 U	51 U	28 U	0.51 U	0.7 U	0.7 U	0.51 U
o-Xylene	0.3 U	24 U	12 U	0.24 U	0.3 U	0.3 U	0.24 U
Tetrachloroethene	0.32 U	32 U	13 U	0.32 U	0.32 U	0.32 U	0.32 U
Toluene	0.36 U	36 U	14 U	0.36 U	0.36 U	0.36 U	0.36 U
trans-1,2-Dichloroethene	0.27 U	27 U	11 U	0.27 U	0.27 U	0.27 U	0.27 U
trans-1,3-Dichloropropene	0.32 U	32 U	13 U	0.32 U	0.32 U	0.32 U	0.32 U
Trichloroethene	0.26 U	3700	3200	0.26 U	0.26 U	0.26 U	0.26 U
Trichlorofluoromethane	0.34 U	34 U	14 U	0.34 UJ	0.34 U	0.34 U	0.34 U
Trichlorotrifluoroethane (Freon 113)	1.2 U	120 U	48 U	1.2 U	1.2 U	1.2 U	1.2 U
Vinyl chloride	0.26 U	26 U	10 U	0.26 U	0.26 U	0.26 U	0.26 U

See last page of Table IV for notes and abbreviations.

TABLE IV

SUMMARY OF RESULTS FOR VOLATILE ORGANIC COMPOUNDS
IN CHATSWORTH FORMATION WELLS, 2006
BOEING SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well Identifier	RD-48B	RD-48B	RD-48B	RD-48B	RD-48B	RD-48C	RD-48C
Sample Port	---	---	---	---	---	---	---
Sample Date	02/23/06	05/25/06	08/25/06	08/25/06	11/16/06	02/22/06	05/23/06
Sample Type	Dup	Primary	Primary	Dup	Primary	Primary	Primary
Sample Qualifier	---	---	---	---	---	---	---
Analysis Method	8260B	8260B	8260B	8260B	8260B	8260B	8260B
Laboratory	DMA	DMA	TA	TA	TA	DMA	DMA
Compound (ug/l)							
1,1,1-Trichloroethane	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U
1,1,2,2-Tetrachloroethane	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U
1,1,2-Trichloroethane	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U
1,1-Dichloroethane	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U
1,1-Dichloroethene	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U
1,2-Dichlorobenzene	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U
1,2-Dichloroethane	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U
1,2-Dichloropropane	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U
1,3-Dichlorobenzene	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U
1,4-Dichlorobenzene	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U
1,4-Dioxane	---	---	---	---	---	---	---
2-Butanone	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U
2-Chloroethyl Vinyl Ether	---	---	---	---	---	---	---
2-Hexanone	2.6 U	2.6 U	2.6 U	2.6 U	2.6 U	2.6 U	2.6 U
4-Methyl-2-pentanone (MIBK)	2.5 U	3.5 U	3.5 U	3.5 U	3.5 U	2.5 U	3.5 U
Acetone	4.5 U	4.5 U	4.5 U	4.5 U	4.5 U	4.5 U	4.5 U
Benzene	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U
Bromodichloromethane	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U
Bromoform	0.32 U	0.32 U	0.32 U	0.32 U	0.4 U	0.32 U	0.32 U
Bromomethane	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U
Carbon disulfide	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U
Carbon tetrachloride	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U
Chlorobenzene	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U
Chloroethane	0.33 U	0.4 U	0.4 U	0.4 U	0.4 U	0.33 U	0.4 U
Chloroform	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U
Chloromethane	0.3 U	0.3 U	0.3 U	0.3 U	0.4 U	0.3 U	0.3 U
cis-1,2-Dichloroethene	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U
cis-1,3-Dichloropropene	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U
Dibromochloromethane	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U
Ethylbenzene	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
m,p-Xylenes	0.52 U	0.6 U	0.6 U	0.6 U	0.6 U	0.52 U	0.6 U
Methylene chloride	0.51 U	0.7 U	0.82 J,L	0.83 J,L	1 J,L	0.51 U	1.4 J,L
o-Xylene	0.24 U	0.3 U	0.3 U	0.3 U	0.3 U	0.24 U	0.3 U
Tetrachloroethene	0.32 U	0.42 J,L	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U
Toluene	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U
trans-1,2-Dichloroethene	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U
trans-1,3-Dichloropropene	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U
Trichloroethene	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U
Trichlorofluoromethane	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U
Trichlorotrifluoroethane (Freon 113)	1.2 U	1.2 U	1.2 U	1.2 U	1.5 U	1.2 U	1.2 U
Vinyl chloride	0.26 U	0.26 U	0.26 U	0.26 U	0.3 U	0.26 U	0.26 U

See last page of Table IV for notes and abbreviations.

TABLE IV

SUMMARY OF RESULTS FOR VOLATILE ORGANIC COMPOUNDS
IN CHATSWORTH FORMATION WELLS, 2006
BOEING SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well Identifier	RD-48C	RD-48C	RD-49A	RD-49A	RD-49B	RD-49B	RD-49B
Sample Port	---	---	---	---	---	---	---
Sample Date	08/24/06	11/15/06	08/10/06	11/07/06	02/09/06	05/11/06	08/09/06
Sample Type	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Sample Qualifier	---	---	---	---	---	---	---
Analysis Method	8260B	8260B	8260B	8260B	8260B	8260B	8260B
Laboratory	TA	TA	TA	TA	DMA	DMA	TA
Compound (ug/l)							
1,1,1-Trichloroethane	0.3 U	0.3 U	0.3 U	3 U	0.3 U	1.5 U	1.5 U
1,1,2,2-Tetrachloroethane	0.24 U	0.24 U	0.24 U	2.4 U	0.24 U	1.2 U	1.2 U
1,1,2-Trichloroethane	0.3 U	0.3 U	0.3 U	3 U	0.3 U	1.5 U	1.5 U
1,1-Dichloroethane	0.27 U	0.27 U	0.27 U	2.7 U	0.27 U	1.4 U	1.4 U
1,1-Dichloroethene	0.42 U	0.42 U	3.3	5.5 J	0.71 J	2.1 U	2.1 U
1,2-Dichlorobenzene	0.32 U	0.32 U	0.32 U	3.2 U	0.32 U	1.6 U	1.6 U
1,2-Dichloroethane	0.28 U	0.28 U	0.28 U	2.8 U	0.28 U	1.4 U	1.4 U
1,2-Dichloropropane	0.35 U	0.35 U	0.35 U	3.5 U	0.35 U	1.8 U	1.8 U
1,3-Dichlorobenzene	0.35 U	0.35 U	0.35 U	3.5 U	0.35 U	1.8 U	1.8 U
1,4-Dichlorobenzene	0.37 U	0.37 U	0.37 U	3.7 U	0.37 U	1.8 U	1.8 U
1,4-Dioxane	---	---	1 U	1 U	2.2	2.8	1.9 J
2-Butanone	3.8 U	3.8 U	3.8 U	38 U	3.8 U	19 U	19 U
2-Chloroethyl Vinyl Ether	---	---	---	---	---	---	---
2-Hexanone	2.6 U	2.6 U	2.6 U	26 U	2.6 U	13 U	13 U
4-Methyl-2-pentanone (MIBK)	3.5 U	3.5 U	3.5 U	35 U	2.5 U	18 U	18 U
Acetone	4.5 U	4.5 U	4.5 U	45 U	4.5 U	22 U	22 U
Benzene	0.28 U	0.28 U	0.28 U	2.8 U	0.28 U	1.4 U	1.4 U
Bromodichloromethane	0.3 U	0.3 U	0.3 U	3 U	0.3 U	1.5 U	1.5 U
Bromoform	0.32 U	0.4 U	0.32 U	4 U	0.32 U	1.6 U	1.6 U
Bromomethane	0.42 U	0.42 U	0.42 U	4.2 U	0.42 U	2.1 U	2.1 U
Carbon disulfide	0.48 U	0.48 U	0.48 U	4.8 U	0.48 U	2.4 U	2.4 U
Carbon tetrachloride	0.28 U	0.28 U	0.28 U	2.8 U	0.28 U	1.4 U	1.4 U
Chlorobenzene	0.36 U	0.36 U	0.36 U	3.6 U	0.36 U	1.8 U	1.8 U
Chloroethane	0.4 U	0.4 U	0.4 U	4 U	0.33 U	2 U	2 U
Chloroform	0.33 U	0.33 U	0.33 U	3.3 U	0.33 U	1.6 U	1.6 U
Chloromethane	0.3 U	0.4 U	0.3 U	4 U	0.3 U	1.5 U	1.5 U
cis-1,2-Dichloroethene	0.32 U	0.32 U	2600	1900	290	240	290
cis-1,3-Dichloropropene	0.22 U	0.22 U	0.22 U	2.2 U	0.22 U	1.1 U	1.1 U
Dibromochloromethane	0.28 U	0.28 U	0.28 U	2.8 U	0.28 U	1.4 U	1.4 U
Ethylbenzene	0.25 U	0.25 U	0.25 U	2.5 U	0.25 U	1.2 U	1.2 U
m,p-Xylenes	0.6 U	0.6 U	0.6 U	6 U	0.52 U	3 U	3 U
Methylene chloride	0.95 U	0.95 U	0.7 U	9.5 U	0.51 U	6.6 U	3.5 U
o-Xylene	0.3 U	0.3 U	0.3 U	3 U	0.24 U	1.5 U	1.5 U
Tetrachloroethene	0.32 U	0.32 U	0.32 U	3.2 U	0.32 U	1.6 U	1.6 U
Toluene	0.36 U	0.36 U	14	4.2 J	0.36 U	1.8 U	1.8 U
trans-1,2-Dichloroethene	0.27 U	0.27 U	41	44	15	13 J	16
trans-1,3-Dichloropropene	0.32 U	0.32 U	0.32 U	3.2 U	0.32 U	1.6 U	1.6 U
Trichloroethene	0.26 U	0.26 U	1100	3100	310	270	320
Trichlorofluoromethane	0.34 U	0.34 U	0.34 U	3.4 U	0.34 U	1.7 U	1.7 U
Trichlorotrifluoroethane (Freon 113)	1.2 U	1.5 U	1.2 U	15 U	1.2 U	6 U	6 U
Vinyl chloride	0.26 U	0.3 U	2.6	3 U	5.7	5.9 J	5

See last page of Table IV for notes and abbreviations.

TABLE IV

SUMMARY OF RESULTS FOR VOLATILE ORGANIC COMPOUNDS
IN CHATSWORTH FORMATION WELLS, 2006
BOEING SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well Identifier	RD-49B	RD-49C	RD-49C	RD-49C	RD-49C	RD-49C	RD-49C
Sample Port	---	---	---	---	---	---	---
Sample Date	11/07/06	02/09/06	05/15/06	08/10/06	11/06/06	11/06/06	11/06/06
Sample Type	Primary	Primary	Primary	Primary	Primary	Dup	Split
Sample Qualifier	---	---	---	---	---	---	---
Analysis Method	8260B	8260B	8260B	8260B	8260B	8260B	8260B
Laboratory	TA	DMA	DMA	TA	TA	TA	STL-SA
Compound (ug/l)							
1,1,1-Trichloroethane	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	2 U
1,1,2,2-Tetrachloroethane	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	1.8 U
1,1,2-Trichloroethane	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	1.6 U
1,1-Dichloroethane	0.27 U	0.27 U	0.68 J	0.27 U	0.27 U	0.27 U	0.5 U
1,1-Dichloroethene	0.9 J	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U	1.8 U
1,2-Dichlorobenzene	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.7 U
1,2-Dichloroethane	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	1.1 U
1,2-Dichloropropane	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.75 U
1,3-Dichlorobenzene	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.55 U
1,4-Dichlorobenzene	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U	0.65 U
1,4-Dioxane	1.8 J	1	1.3 J	1 U	1 U	---	---
2-Butanone	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U	5 U
2-Chloroethyl Vinyl Ether	---	---	---	---	---	---	---
2-Hexanone	2.6 U	2.6 U	2.6 U	2.6 U	2.6 U	2.6 U	5 U
4-Methyl-2-pentanone (MIBK)	3.5 U	2.5 U	3.5 U	3.5 U	3.5 U	3.5 U	5 U
Acetone	4.5 U	4.5 U	4.5 U	4.5 U	4.5 U	4.5 U	5 U
Benzene	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.65 U
Bromodichloromethane	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.7 U
Bromoform	0.4 U	0.32 U	0.32 U	0.32 U	0.4 U	0.4 U	0.5 U
Bromomethane	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U	0.4 U
Carbon disulfide	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	5 U
Carbon tetrachloride	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.75 U
Chlorobenzene	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U	0.6 U
Chloroethane	0.4 U	0.33 U	0.4 U	0.4 U	0.4 U	0.4 U	1.7 U
Chloroform	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.6 U
Chloromethane	0.4 U	0.3 U	0.3 U	0.3 U	0.4 U	0.4 U	1.2 U
cis-1,2-Dichloroethene	290	90	76	92	74	75	120
cis-1,3-Dichloropropene	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	1.1 U
Dibromochloromethane	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	2 U
Ethylbenzene	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	1.4 U
m,p-Xylenes	0.6 U	0.52 U	0.6 U	0.6 U	0.6 U	0.6 U	0.9 U
Methylene chloride	0.95 U	0.51 U	2.3 U	0.7 U	0.95 U	0.95 U	1.8 U
o-Xylene	0.3 U	0.24 U	0.3 U	0.3 U	0.3 U	0.3 U	0.5 U
Tetrachloroethene	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	1.9 U
Toluene	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U	1.2 U
trans-1,2-Dichloroethene	20	3.9	2.4	3	0.27 U	0.27 U	3.7 J
trans-1,3-Dichloropropene	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	1.5 U
Trichloroethene	290	17	15	16	15	16	22
Trichlorofluoromethane	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	1.2 U
Trichlorotrifluoroethane (Freon 113)	1.5 U	1.2 U	1.2 U	1.2 U	1.5 U	1.5 U	5 U
Vinyl chloride	6.2	2.1	2.1	1.7	2	2	2.8 J

See last page of Table IV for notes and abbreviations.

TABLE IV

SUMMARY OF RESULTS FOR VOLATILE ORGANIC COMPOUNDS
IN CHATSWORTH FORMATION WELLS, 2006
BOEING SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well Identifier	RD-50	RD-50	RD-51B	RD-51B	RD-51B	RD-51B	RD-51C
Sample Port	Z2	Z2	---	---	---	---	---
Sample Date	02/15/06	08/16/06	02/09/06	05/10/06	08/14/06	11/07/06	02/09/06
Sample Type	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Sample Qualifier	---	---	---	---	---	---	---
Analysis Method	8260B	8260B	8260B	8260B	8260B	8260B	8260B
Laboratory	DMA	TA	DMA	DMA	TA	TA	DMA
Compound (ug/l)							
1,1,1-Trichloroethane	0.3 U	0.3 U	0.3 U	0.3 U	0.6 U	0.3 U	0.3 U
1,1,2,2-Tetrachloroethane	0.24 U	0.24 U	0.24 U	0.24 U	0.48 U	0.24 U	0.24 U
1,1,2-Trichloroethane	0.3 U	0.3 U	0.3 U	0.3 U	0.6 U	0.3 U	0.3 U
1,1-Dichloroethane	0.27 U	0.27 U	0.27 U	0.27 U	0.54 U	0.27 U	0.27 U
1,1-Dichloroethene	0.42 U	0.42 U	0.42 U	0.42 U	0.84 U	0.42 U	0.42 U
1,2-Dichlorobenzene	0.32 U	0.32 U	0.32 U	0.32 U	0.64 U	0.32 U	0.32 U
1,2-Dichloroethane	0.28 U	0.28 U	0.28 U	0.28 U	0.56 U	0.28 U	0.28 U
1,2-Dichloropropane	0.35 U	0.35 U	0.35 U	0.35 U	0.7 U	0.35 U	0.35 U
1,3-Dichlorobenzene	0.35 U	0.35 U	0.35 U	0.35 U	0.7 U	0.35 U	0.35 U
1,4-Dichlorobenzene	0.37 U	0.37 U	0.37 U	0.37 U	0.74 U	0.37 U	0.37 U
1,4-Dioxane	---	---	0.49 U	0.59 U	1 U	1 U	0.49 U
2-Butanone	3.8 U	3.8 U	3.8 U	3.8 U	7.6 U	3.8 U	3.8 U
2-Chloroethyl Vinyl Ether	---	---	---	---	---	---	---
2-Hexanone	2.6 U	2.6 U	2.6 U	2.6 U	5.2 U	2.6 U	2.6 U
4-Methyl-2-pentanone (MIBK)	2.5 U	3.5 U	2.5 U	3.5 U	7 U	3.5 U	2.5 U
Acetone	4.5 U	4.5 U	4.5 U	4.5 U	9 U	4.5 U	4.5 U
Benzene	0.36 J,F	0.44 J,F	0.28 U	0.28 U	0.56 U	0.28 U	0.28 U
Bromodichloromethane	0.3 U	0.3 U	0.3 U	0.3 U	0.6 U	0.3 U	0.3 U
Bromoform	0.32 U	0.32 U	0.32 U	0.32 U	0.64 U	0.4 U	0.32 U
Bromomethane	0.42 U	0.42 U	0.42 U	0.42 U	0.84 U	0.42 U	0.42 U
Carbon disulfide	0.48 U	0.48 U	0.48 U	0.48 U	0.96 U	0.48 U	0.48 U
Carbon tetrachloride	0.28 U	0.28 U	0.28 U	0.28 U	0.56 U	0.28 U	0.28 U
Chlorobenzene	0.36 U	0.36 U	0.36 U	0.36 U	0.72 U	0.36 U	0.36 U
Chloroethane	0.33 U	0.4 U	0.33 U	0.4 U	0.8 U	0.4 U	0.33 U
Chloroform	0.33 U	0.33 U	0.33 U	0.33 U	0.66 U	0.33 U	0.33 U
Chloromethane	0.3 U	0.3 U	0.3 U	0.3 U	0.6 U	0.4 U	0.3 U
cis-1,2-Dichloroethene	0.32 U	0.32 U	17	15	0.64 U	13	0.32 U
cis-1,3-Dichloropropene	0.22 U	0.22 U	0.22 U	0.22 U	0.44 U	0.22 U	0.22 U
Dibromochloromethane	0.28 U	0.28 U	0.28 U	0.28 U	0.56 U	0.28 U	0.28 U
Ethylbenzene	0.25 U	0.25 U	0.25 U	0.25 U	0.5 U	0.25 U	0.25 U
m,p-Xylenes	0.52 U	0.6 U	0.52 U	0.6 U	1.2 U	0.6 U	0.52 U
Methylene chloride	1.1 U	0.9 U	0.51 U	0.7 U	1.4 U	0.95 U	0.51 U
o-Xylene	0.24 U	0.3 U	0.24 U	0.3 U	0.6 U	0.3 U	0.24 U
Tetrachloroethene	0.32 U	0.32 U	0.32 U	0.32 U	0.64 U	0.32 U	0.32 U
Toluene	8.6 F	13 F	0.36 U	0.36 U	0.72 U	0.36 U	0.36 U
trans-1,2-Dichloroethene	0.27 U	0.27 U	2.1	1.5	0.54 U	1.1	0.27 U
trans-1,3-Dichloropropene	0.32 U	0.32 U	0.32 U	0.32 U	0.64 U	0.32 U	0.32 U
Trichloroethene	0.34 J	0.26 U	6.8	7.1	11	4.7	0.26 U
Trichlorofluoromethane	0.34 U	0.34 U	0.34 U	0.34 U	0.68 U	0.34 U	0.34 U
Trichlorotrifluoroethane (Freon 113)	1.2 U	1.2 U	1.2 U	1.2 U	2.4 U	1.5 U	1.2 U
Vinyl chloride	0.26 U	0.26 U	11	11	0.52 U	9.5	0.26 U

See last page of Table IV for notes and abbreviations.

TABLE IV

SUMMARY OF RESULTS FOR VOLATILE ORGANIC COMPOUNDS
IN CHATSWORTH FORMATION WELLS, 2006
BOEING SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well Identifier	RD-51C	RD-51C	RD-51C	RD-52B	RD-52B	RD-52C	RD-52C
Sample Port	---	---	---	---	---	---	---
Sample Date	05/11/06	08/14/06	11/07/06	02/03/06	08/17/06	02/02/06	05/18/06
Sample Type	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Sample Qualifier	---	---	---	---	---	---	---
Analysis Method	8260B	8260B	8260B	8260B	8260B	8260B	8260B
Laboratory	DMA	TA	TA	DMA	TA	DMA	TA
Compound (ug/l)							
1,1,1-Trichloroethane	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U
1,1,2,2-Tetrachloroethane	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U
1,1,2-Trichloroethane	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U
1,1-Dichloroethane	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U
1,1-Dichloroethene	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U
1,2-Dichlorobenzene	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U
1,2-Dichloroethane	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U
1,2-Dichloropropane	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U
1,3-Dichlorobenzene	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U
1,4-Dichlorobenzene	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U
1,4-Dioxane	0.65 U	1 U	1 U	---	---	---	---
2-Butanone	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U
2-Chloroethyl Vinyl Ether	---	---	---	---	---	---	---
2-Hexanone	2.6 U	2.6 U	2.6 U	2.6 U	2.6 U	2.6 U	2.6 U
4-Methyl-2-pentanone (MIBK)	3.5 U	3.5 U	3.5 U	2.5 U	3.5 U	2.5 U	3.5 U
Acetone	4.5 U	4.5 U	4.5 U	4.5 U	4.5 U	4.5 U	4.5 U
Benzene	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U
Bromodichloromethane	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U
Bromoform	0.32 U	0.32 U	0.4 U	0.32 U	0.32 U	0.32 U	0.32 U
Bromomethane	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U
Carbon disulfide	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U
Carbon tetrachloride	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U
Chlorobenzene	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U
Chloroethane	0.4 U	0.4 U	0.4 U	0.33 U	0.4 U	0.33 U	0.4 U
Chloroform	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U
Chloromethane	0.3 U	0.3 U	0.4 U	0.3 U	0.3 U	0.3 U	0.3 U
cis-1,2-Dichloroethene	0.32 U	0.32 U	0.32 U	5.6	5.1	0.32 U	0.32 U
cis-1,3-Dichloropropene	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U
Dibromochloromethane	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U
Ethylbenzene	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
m,p-Xylenes	0.6 U	0.6 U	0.6 U	0.52 U	0.6 U	0.52 U	0.6 U
Methylene chloride	1 U	0.7 U	0.95 U	0.95 U	0.7 U	0.51 U	0.7 U
o-Xylene	0.3 U	0.3 U	0.3 U	0.24 U	0.3 U	0.24 U	0.3 U
Tetrachloroethene	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U
Toluene	0.36 U	0.37 J,L	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U
trans-1,2-Dichloroethene	0.27 UJ	0.27 U	0.27 U	2.1	1.8	0.27 U	0.27 U
trans-1,3-Dichloropropene	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U
Trichloroethene	0.26 U	0.26 U	0.26 U	1.6	1.4	0.26 U	0.26 U
Trichlorofluoromethane	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 UJ	0.34 U
Trichlorotrifluoroethane (Freon 113)	1.2 U	1.2 U	1.5 U	1.2 U	1.2 U	1.2 U	1.2 U
Vinyl chloride	0.26 UJ	0.33 J,L	0.3 U	0.26 U	0.26 U	0.26 U	0.26 U

See last page of Table IV for notes and abbreviations.

TABLE IV

SUMMARY OF RESULTS FOR VOLATILE ORGANIC COMPOUNDS
IN CHATSWORTH FORMATION WELLS, 2006
BOEING SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well Identifier	RD-52C	RD-52C	RD-52C	RD-52C	RD-53	RD-53	RD-54A
Sample Port	---	---	---	---	---	---	Z2
Sample Date	08/17/06	08/17/06	08/17/06	11/01/06	05/19/06	08/24/06	02/16/06
Sample Type	Primary	Dup	Split	Primary	Primary	Primary	Primary
Sample Qualifier	---	---	---	---	---	---	---
Analysis Method	8260B	8260B	8260B	8260B	8260B	8260B	8260B
Laboratory	TA	TA	STL-SA	TA	DMA	TA	DMA
Compound (ug/l)							
1,1,1-Trichloroethane	0.3 U	0.3 U	0.41 U	0.3 U	0.3 U	1.2 U	0.3 U
1,1,2,2-Tetrachloroethane	0.24 U	0.24 U	0.37 U	0.24 U	0.24 U	0.96 U	0.24 U
1,1,2-Trichloroethane	0.3 U	0.3 U	0.31 U	0.3 U	0.3 U	1.2 U	0.3 U
1,1-Dichloroethane	0.27 U	0.27 U	0.1 U	0.27 U	1.4	1.7 J	0.42 J
1,1-Dichloroethene	0.42 U	0.42 U	0.36 U	0.42 U	7.2	9.5	1.6
1,2-Dichlorobenzene	0.32 U	0.32 U	0.14 U	0.32 U	0.32 U	1.3 U	0.32 U
1,2-Dichloroethane	0.28 U	0.28 U	0.22 U	0.28 U	0.28 U	1.1 U	0.98
1,2-Dichloropropane	0.35 U	0.35 U	0.15 U	0.35 U	0.35 U	1.4 U	0.35 U
1,3-Dichlorobenzene	0.35 U	0.35 U	0.11 U	0.35 U	0.35 U	1.4 U	0.35 U
1,4-Dichlorobenzene	0.37 U	0.37 U	0.13 U	0.37 U	0.37 U	1.5 U	0.37 U
1,4-Dioxane	---	---	---	---	---	---	---
2-Butanone	3.8 U	3.8 U	1 U	3.8 U	3.8 U	15 U	3.8 U
2-Chloroethyl Vinyl Ether	---	---	---	---	---	---	---
2-Hexanone	2.6 U	2.6 U	1 U	2.6 U	2.6 U	10 U	2.6 U
4-Methyl-2-pentanone (MIBK)	3.5 U	3.5 U	1 U	3.5 U	3.5 U	14 U	2.5 U
Acetone	4.5 U	4.5 U	1 U	4.5 U	4.5 U	18 U	18
Benzene	0.28 U	0.28 U	0.13 U	0.28 U	0.28 U	1.1 U	0.28 U
Bromodichloromethane	0.3 U	0.3 U	0.14 U	0.3 U	0.3 U	1.2 U	0.3 U
Bromoform	0.32 U	0.32 U	0.1 U	0.32 U	0.32 U	1.3 U	0.32 U
Bromomethane	0.42 U	0.42 U	0.08 U	0.42 U	0.42 U	1.7 U	0.42 U
Carbon disulfide	0.48 U	0.48 U	1 U	0.48 U	0.48 U	1.9 U	0.48 U
Carbon tetrachloride	0.28 U	0.28 U	0.15 U	0.28 U	0.28 U	1.1 U	0.28 U
Chlorobenzene	0.36 U	0.36 U	0.12 U	0.36 U	0.36 U	1.4 U	0.36 U
Chloroethane	0.4 U	0.4 U	0.34 U	0.4 U	0.4 U	1.6 U	0.33 U
Chloroform	0.33 U	0.33 U	0.12 U	0.33 U	0.33 U	1.3 U	0.51 J
Chloromethane	0.3 U	0.3 U	0.25 U	0.3 U	0.3 U	1.2 U	0.3 U
cis-1,2-Dichloroethene	0.32 U	0.32 U	0.12 J	0.32 U	6.6	8.4	15
cis-1,3-Dichloropropene	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.88 U	0.22 U
Dibromochloromethane	0.28 U	0.28 U	0.4 U	0.28 U	0.28 U	1.1 U	0.28 U
Ethylbenzene	0.25 U	0.25 U	0.27 U	0.25 U	0.25 U	1 U	0.25 U
m,p-Xylenes	0.6 U	0.6 U	0.18 U	0.6 U	0.6 U	2.4 U	0.52 U
Methylene chloride	0.7 U	0.7 U	0.35 U	0.7 U	3.7 U	2.8 U	0.51 U
o-Xylene	0.3 U	0.3 U	0.1 U	0.3 U	0.3 U	1.2 U	0.24 U
Tetrachloroethene	0.32 U	0.32 U	0.38 U	0.32 U	0.32 U	1.3 U	0.32 U
Toluene	0.36 U	0.36 U	0.25 U	0.36 U	0.36 U	1.4 U	0.36 U
trans-1,2-Dichloroethene	0.27 U	0.27 U	0.11 U	0.27 U	0.27 U	1.1 U	0.27 U
trans-1,3-Dichloropropene	0.32 U	0.32 U	0.3 U	0.32 U	0.32 U	1.3 U	0.32 U
Trichloroethene	0.26 U	0.26 U	0.31 U	0.26 U	180	270	6.5
Trichlorofluoromethane	0.34 U	0.34 U	0.23 U	0.34 U	0.34 U	1.4 U	0.34 U
Trichlorotrifluoroethane (Freon 113)	1.2 U	1.2 U	1 U	1.2 U	4.1 J	4.8 U	1.2 U
Vinyl chloride	0.26 U	0.26 U	0.12 U	0.26 U	0.26 U	1 U	0.26 U

See last page of Table IV for notes and abbreviations.

TABLE IV
SUMMARY OF RESULTS FOR VOLATILE ORGANIC COMPOUNDS
IN CHATSWORTH FORMATION WELLS, 2006
BOEING SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well Identifier	RD-54A	RD-54B	RD-54B	RD-54C	RD-54C	RD-55A	RD-55A
Sample Port	Z2	---	---	---	---	---	---
Sample Date	08/17/06	02/20/06	08/23/06	02/23/06	08/10/06	02/09/06	05/16/06
Sample Type	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Sample Qualifier	---	---	---	---	---	---	---
Analysis Method	8260B	8260B	8260B	8260B	8260B	8260B	8260B
Laboratory	TA	DMA	TA	DMA	TA	DMA	TA
Compound (ug/l)							
1,1,1-Trichloroethane	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U
1,1,2,2-Tetrachloroethane	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U
1,1,2-Trichloroethane	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U
1,1-Dichloroethane	1	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U
1,1-Dichloroethene	4.6	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U
1,2-Dichlorobenzene	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U
1,2-Dichloroethane	3.4	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U
1,2-Dichloropropane	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U
1,3-Dichlorobenzene	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U
1,4-Dichlorobenzene	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U
1,4-Dioxane	---	---	---	---	---	0.49 U	0.65 U
2-Butanone	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U
2-Chloroethyl Vinyl Ether	---	---	---	---	---	---	---
2-Hexanone	2.6 U	2.6 U	2.6 U	2.6 U	2.6 U	2.6 U	2.6 U
4-Methyl-2-pentanone (MIBK)	3.5 U	2.5 U	3.5 U	2.5 U	3.5 U	2.5 U	3.5 U
Acetone	4.5 U	4.5 U	4.5 U	4.5 U	4.5 U	4.5 U	4.5 U
Benzene	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U
Bromodichloromethane	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U
Bromoform	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U
Bromomethane	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U
Carbon disulfide	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U
Carbon tetrachloride	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U
Chlorobenzene	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U
Chloroethane	0.4 U	0.33 U	0.4 U	0.33 U	0.4 U	0.33 U	0.4 U
Chloroform	1.3	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U
Chloromethane	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U
cis-1,2-Dichloroethene	110	0.32 U	0.32 U	0.32 U	0.32 U	1.2	0.32 U
cis-1,3-Dichloropropene	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U
Dibromochloromethane	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U
Ethylbenzene	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
m,p-Xylenes	0.6 U	0.52 U	0.6 U	0.52 U	0.6 U	0.52 U	0.6 U
Methylene chloride	0.7 U	2.4 U	0.7 U	0.51 U	0.7 U	0.51 U	3.2 U
o-Xylene	0.3 U	0.24 U	0.3 U	0.24 U	0.3 U	0.24 U	0.3 U
Tetrachloroethene	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U
Toluene	0.67 J,F	0.36 U	0.36 J	0.36 U	0.36 U	0.36 U	0.36 U
trans-1,2-Dichloroethene	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U
trans-1,3-Dichloropropene	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U
Trichloroethene	16	0.26 U	0.26 U	0.26 U	1.1	3.1	0.31 J
Trichlorofluoromethane	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U
Trichlorotrifluoroethane (Freon 113)	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
Vinyl chloride	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U

See last page of Table IV for notes and abbreviations.

TABLE IV

SUMMARY OF RESULTS FOR VOLATILE ORGANIC COMPOUNDS
IN CHATSWORTH FORMATION WELLS, 2006
BOEING SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well Identifier	RD-55A	RD-55A	RD-55A	RD-55B	RD-55B	RD-55B	RD-55B
Sample Port	---	---	---	---	---	---	---
Sample Date	08/21/06	08/21/06	11/07/06	02/09/06	05/16/06	05/16/06	05/16/06
Sample Type	Primary	Dup	Primary	Primary	Primary	Dup	Split
Sample Qualifier	---	---	---	---	---	---	---
Analysis Method	8260B	8260B	8260B	8260B	8260B	8260B	8260B
Laboratory	TA	TA	TA	DMA	TA	TA	STL-SA
Compound (ug/l)							
1,1,1-Trichloroethane	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.41 U
1,1,2,2-Tetrachloroethane	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.37 U
1,1,2-Trichloroethane	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.31 U
1,1-Dichloroethane	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.1 U
1,1-Dichloroethene	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U	0.36 U
1,2-Dichlorobenzene	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.14 U
1,2-Dichloroethane	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.22 U
1,2-Dichloropropane	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.15 U
1,3-Dichlorobenzene	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.11 U
1,4-Dichlorobenzene	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U	0.13 U
1,4-Dioxane	1 U	---	1 U	0.49 U	0.65 U	---	---
2-Butanone	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U	1 U
2-Chloroethyl Vinyl Ether	---	---	---	---	---	---	---
2-Hexanone	2.6 U	2.6 U	2.6 U	2.6 U	2.6 U	2.6 U	1 U
4-Methyl-2-pentanone (MIBK)	3.5 U	3.5 U	3.5 U	2.5 U	3.5 U	3.5 U	1 U
Acetone	4.5 U	4.5 U	4.5 U	4.5 U	4.5 U	4.5 U	1 U
Benzene	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.13 U
Bromodichloromethane	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.14 U
Bromoform	0.32 U	0.32 U	0.4 U	0.32 U	0.32 U	0.32 U	0.1 U
Bromomethane	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U	0.08 U
Carbon disulfide	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	1 U
Carbon tetrachloride	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.15 U
Chlorobenzene	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U	0.12 U
Chloroethane	0.4 U	0.4 U	0.4 U	0.33 U	0.4 U	0.4 U	0.34 U
Chloroform	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.12 U
Chloromethane	0.3 U	0.3 U	0.4 U	0.3 U	0.3 U	0.3 U	0.25 U
cis-1,2-Dichloroethene	0.57 J	0.59 J	4.2	12	8.6	8.3	12
cis-1,3-Dichloropropene	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U
Dibromochloromethane	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.4 U
Ethylbenzene	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.27 U
m,p-Xylenes	0.6 U	0.6 U	0.6 U	0.52 U	0.6 U	0.6 U	0.18 U
Methylene chloride	0.81 U	0.7 U	0.95 U	0.51 U	2.1 U	2.3 U	0.35 U
o-Xylene	0.3 U	0.3 U	0.3 U	0.24 U	0.3 U	0.3 U	0.1 U
Tetrachloroethene	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.38 U
Toluene	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U	0.25 U
trans-1,2-Dichloroethene	0.27 U	0.27 U	0.31 J	0.27 U	0.27 U	0.27 U	0.11 U
trans-1,3-Dichloropropene	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.3 U
Trichloroethene	2.6	2.4	6.6	22	15	15	19
Trichlorofluoromethane	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.23 U
Trichlorotrifluoroethane (Freon 113)	1.2 U	1.2 U	1.5 U	1.2 U	1.2 U	1.2 U	1 U
Vinyl chloride	0.26 U	0.26 U	1.6	0.26 U	0.26 U	0.26 U	0.12 U

See last page of Table IV for notes and abbreviations.

TABLE IV

SUMMARY OF RESULTS FOR VOLATILE ORGANIC COMPOUNDS
IN CHATSWORTH FORMATION WELLS, 2006
BOEING SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well Identifier	RD-55B	RD-55B	RD-56B	RD-56B	RD-56B	RD-56B	RD-57
Sample Port	---	---	---	---	---	---	Z7
Sample Date	08/22/06	11/09/06	02/23/06	05/15/06	08/14/06	11/14/06	02/20/06
Sample Type	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Sample Qualifier	---	---	---	---	---	---	---
Analysis Method	8260B	8260B	8260B	8260B	8260B	8260B	8260B
Laboratory	TA	TA	DMA	DMA	TA	TA	DMA
Compound (ug/l)							
1,1,1-Trichloroethane	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U
1,1,2,2-Tetrachloroethane	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U
1,1,2-Trichloroethane	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U
1,1-Dichloroethane	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U
1,1-Dichloroethene	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U
1,2-Dichlorobenzene	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U
1,2-Dichloroethane	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U
1,2-Dichloropropane	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U
1,3-Dichlorobenzene	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U
1,4-Dichlorobenzene	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U
1,4-Dioxane	1 U	1 U	---	---	---	---	---
2-Butanone	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U
2-Chloroethyl Vinyl Ether	---	---	---	---	---	---	---
2-Hexanone	2.6 U	2.6 U	2.6 U	2.6 U	2.6 U	2.6 U	2.6 U
4-Methyl-2-pentanone (MIBK)	3.5 U	3.5 U	2.5 U	3.5 U	3.5 U	3.5 U	2.5 U
Acetone	4.5 U	4.5 U	4.5 U	5 U	4.5 U	4.5 U	4.5 U
Benzene	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U
Bromodichloromethane	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U
Bromoform	0.32 U	0.4 U	0.32 U	0.32 U	0.32 U	0.4 U	0.32 U
Bromomethane	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U
Carbon disulfide	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U
Carbon tetrachloride	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U
Chlorobenzene	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U
Chloroethane	0.4 U	0.4 U	0.33 U	0.4 U	0.4 U	0.4 U	0.33 U
Chloroform	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U
Chloromethane	0.3 U	0.4 U	0.3 U	0.3 U	0.3 U	0.4 U	0.3 U
cis-1,2-Dichloroethene	11	12	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U
cis-1,3-Dichloropropene	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U
Dibromochloromethane	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U
Ethylbenzene	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
m,p-Xylenes	0.6 U	0.6 U	0.52 U	0.6 U	0.6 U	0.6 U	0.52 U
Methylene chloride	0.95 U	0.95 U	0.51 U	0.7 U	1.8 U	0.95 U	2.3 U
o-Xylene	0.3 U	0.3 U	0.24 U	0.3 U	0.3 U	0.3 U	0.24 U
Tetrachloroethene	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U
Toluene	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U
trans-1,2-Dichloroethene	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U
trans-1,3-Dichloropropene	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U
Trichloroethene	21	22	0.45 J	0.46 J	0.53 J	0.6 J	0.26 U
Trichlorofluoromethane	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U
Trichlorotrifluoroethane (Freon 113)	1.2 U	1.5 U	1.2 U	1.2 U	1.2 U	1.5 U	1.2 U
Vinyl chloride	0.26 U	0.3 U	0.26 U	0.26 U	0.26 U	0.3 U	0.26 U

See last page of Table IV for notes and abbreviations.

TABLE IV

SUMMARY OF RESULTS FOR VOLATILE ORGANIC COMPOUNDS
IN CHATSWORTH FORMATION WELLS, 2006
BOEING SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well Identifier	RD-57	RD-57	RD-57	RD-57	RD-58A	RD-58A	RD-58A
Sample Port	Z7	Z7	Z7	Z7	---	---	---
Sample Date	05/23/06	05/23/06	08/18/06	11/06/06	02/07/06	05/18/06	08/15/06
Sample Type	Primary	Dup	Primary	Primary	Primary	Primary	Primary
Sample Qualifier	---	---	---	---	---	---	---
Analysis Method	8260B	8260B	8260B	8260B	8260B	8260B	8260B
Laboratory	DMA	DMA	TA	TA	DMA	DMA	TA
Compound (ug/l)							
1,1,1-Trichloroethane	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U
1,1,2,2-Tetrachloroethane	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U
1,1,2-Trichloroethane	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U
1,1-Dichloroethane	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U
1,1-Dichloroethene	0.42 U	0.42 U	0.42 U	0.42 U	0.43 J	0.42 U	0.42 U
1,2-Dichlorobenzene	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U
1,2-Dichloroethane	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U
1,2-Dichloropropane	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U
1,3-Dichlorobenzene	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U
1,4-Dichlorobenzene	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U
1,4-Dioxane	---	---	---	---	0.49 U	3.2 U	1 U
2-Butanone	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U
2-Chloroethyl Vinyl Ether	---	---	---	---	---	---	---
2-Hexanone	2.6 U	2.6 U	2.6 U	2.6 U	2.6 U	2.6 U	2.6 U
4-Methyl-2-pentanone (MIBK)	3.5 U	3.5 U	3.5 U	3.5 U	2.5 U	3.5 U	3.5 U
Acetone	4.5 U	4.5 U	4.5 U	4.5 U	4.5 U	4.5 U	4.5 U
Benzene	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U
Bromodichloromethane	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U
Bromoform	0.32 U	0.32 U	0.32 U	0.4 U	0.32 U	0.32 U	0.32 U
Bromomethane	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U
Carbon disulfide	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U
Carbon tetrachloride	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U
Chlorobenzene	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U
Chloroethane	0.4 U	0.4 U	0.4 U	0.4 U	0.33 U	0.4 U	0.4 U
Chloroform	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.97 J
Chloromethane	0.3 U	0.3 U	0.3 U	0.4 U	0.3 U	0.3 U	0.3 U
cis-1,2-Dichloroethene	0.32 U	0.32 U	0.32 U	0.32 U	150	74	83
cis-1,3-Dichloropropene	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U
Dibromochloromethane	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U
Ethylbenzene	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
m,p-Xylenes	0.6 U	0.6 U	0.6 U	0.6 U	0.52 U	0.6 U	0.6 U
Methylene chloride	0.7 U	0.7 U	0.7 U	0.95 U	0.51 U	0.7 U	0.7 U
o-Xylene	0.3 U	0.3 U	0.3 U	0.3 U	0.24 U	0.3 U	0.3 U
Tetrachloroethene	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U
Toluene	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U
trans-1,2-Dichloroethene	0.27 U	0.27 U	0.27 U	0.27 U	0.98 J	0.69 J	0.77 J
trans-1,3-Dichloropropene	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U
Trichloroethene	0.26 U	0.26 U	0.26 U	0.26 U	64	120	480
Trichlorofluoromethane	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.37 J
Trichlorotrifluoroethane (Freon 113)	1.2 U	1.2 U	1.2 U	1.5 U	10	18	26
Vinyl chloride	0.26 U	0.26 U	0.26 U	0.3 U	0.26 U	0.26 U	0.26 U

See last page of Table IV for notes and abbreviations.

TABLE IV
SUMMARY OF RESULTS FOR VOLATILE ORGANIC COMPOUNDS
IN CHATSWORTH FORMATION WELLS, 2006
BOEING SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well Identifier	RD-58A	RD-58B	RD-58B	RD-58B	RD-58C	RD-58C	RD-58C
Sample Port	---	---	---	---	---	---	---
Sample Date	11/13/06	05/16/06	08/15/06	11/09/06	02/07/06	08/18/06	08/18/06
Sample Type	Primary	Primary	Primary	Primary	Primary	Primary	Dup
Sample Qualifier	---	---	---	---	---	---	---
Analysis Method	8260B	8260B	8260B	8260B	8260B	8260B	8260B
Laboratory	TA	TA	TA	TA	DMA	TA	TA
Compound (ug/l)							
1,1,1-Trichloroethane	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U
1,1,2,2-Tetrachloroethane	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U
1,1,2-Trichloroethane	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U
1,1-Dichloroethane	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U
1,1-Dichloroethene	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U
1,2-Dichlorobenzene	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U
1,2-Dichloroethane	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U
1,2-Dichloropropane	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U
1,3-Dichlorobenzene	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U
1,4-Dichlorobenzene	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U
1,4-Dioxane	1 U	1.1 J	1 U	1 U	---	---	---
2-Butanone	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U
2-Chloroethyl Vinyl Ether	---	---	---	---	---	---	---
2-Hexanone	2.6 U	2.6 U	2.6 U	2.6 U	2.6 U	2.6 U	2.6 U
4-Methyl-2-pentanone (MIBK)	3.5 U	3.5 U	3.5 U	3.5 U	2.5 U	3.5 U	3.5 U
Acetone	4.5 U	4.5 U	4.5 U	4.5 U	4.5 U	4.5 U	4.5 U
Benzene	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U
Bromodichloromethane	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U
Bromoform	0.4 U	0.32 U	0.32 U	0.4 U	0.32 U	0.32 U	0.32 U
Bromomethane	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U
Carbon disulfide	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U
Carbon tetrachloride	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U
Chlorobenzene	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U
Chloroethane	0.4 U	0.4 U	0.4 U	0.4 U	0.33 U	0.4 U	0.4 U
Chloroform	0.39 J	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U
Chloromethane	0.4 U	0.3 U	0.3 U	0.4 U	0.3 U	0.3 U	0.3 U
cis-1,2-Dichloroethene	87	0.32 U	0.32 U	0.32 U	0.77 J	0.45 J	0.52 J
cis-1,3-Dichloropropene	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U
Dibromochloromethane	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U
Ethylbenzene	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
m,p-Xylenes	0.6 U	0.6 U	0.6 U	0.6 U	0.52 U	0.6 U	0.6 U
Methylene chloride	0.95 U	2.1 U	0.7 U	0.95 U	0.51 U	0.83 U	0.74 U
o-Xylene	0.3 U	0.3 U	0.3 U	0.3 U	0.24 U	0.3 U	0.3 U
Tetrachloroethene	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U
Toluene	0.36 U	2.5 C	3.2 S	0.36 U	0.36 U	0.36 U	0.36 U
trans-1,2-Dichloroethene	0.54 J	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U
trans-1,3-Dichloropropene	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U
Trichloroethene	220	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U
Trichlorofluoromethane	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U
Trichlorotrifluoroethane (Freon 113)	14	1.2 U	1.2 U	1.5 U	1.2 U	1.2 U	1.2 U
Vinyl chloride	0.3 U	0.26 U	0.26 U	0.3 U	1.6	1	1.1

See last page of Table IV for notes and abbreviations.

TABLE IV
SUMMARY OF RESULTS FOR VOLATILE ORGANIC COMPOUNDS
IN CHATSWORTH FORMATION WELLS, 2006
BOEING SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well Identifier	RD-59A	RD-59A	RD-59B	RD-59B	RD-59B	RD-59C	RD-59C
Sample Port	---	---	---	---	---	---	---
Sample Date	08/23/06	11/14/06	02/22/06	08/23/06	11/14/06	02/22/06	08/23/06
Sample Type	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Sample Qualifier	---	---	---	---	---	---	---
Analysis Method	8260B	8260B	8260B	8260B	8260B	8260B	8260B
Laboratory	TA	TA	DMA	TA	TA	DMA	TA
Compound (ug/l)							
1,1,1-Trichloroethane	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U
1,1,2,2-Tetrachloroethane	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U
1,1,2-Trichloroethane	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U
1,1-Dichloroethane	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U
1,1-Dichloroethene	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U
1,2-Dichlorobenzene	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U
1,2-Dichloroethane	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U
1,2-Dichloropropane	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U
1,3-Dichlorobenzene	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U
1,4-Dichlorobenzene	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U
1,4-Dioxane	---	---	---	---	---	---	---
2-Butanone	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U
2-Chloroethyl Vinyl Ether	---	---	---	---	---	---	---
2-Hexanone	2.6 U	2.6 U	2.6 U	2.6 U	2.6 U	2.6 U	2.6 U
4-Methyl-2-pentanone (MIBK)	3.5 U	3.5 U	2.5 U	3.5 U	3.5 U	2.5 U	3.5 U
Acetone	4.5 U	4.5 U	4.5 U	4.5 U	4.5 U	4.5 U	4.5 U
Benzene	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U
Bromodichloromethane	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U
Bromoform	0.32 U	0.4 U	0.32 U	0.32 U	0.4 U	0.32 U	0.32 U
Bromomethane	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U
Carbon disulfide	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U
Carbon tetrachloride	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U
Chlorobenzene	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U
Chloroethane	0.4 U	0.4 U	0.33 U	0.4 U	0.4 U	0.33 U	0.4 U
Chloroform	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U
Chloromethane	0.3 U	0.4 U	0.3 U	0.3 U	0.4 U	0.3 U	0.3 U
cis-1,2-Dichloroethene	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U
cis-1,3-Dichloropropene	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U
Dibromochloromethane	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U
Ethylbenzene	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
m,p-Xylenes	0.6 U	0.6 U	0.52 U	0.6 U	0.6 U	0.52 U	0.6 U
Methylene chloride	0.7 U	0.95 U	0.51 U	0.7 U	0.95 U	0.51 U	0.7 U
o-Xylene	0.3 U	0.3 U	0.24 U	0.3 U	0.3 U	0.24 U	0.3 U
Tetrachloroethene	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U
Toluene	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U
trans-1,2-Dichloroethene	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U
trans-1,3-Dichloropropene	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U
Trichloroethene	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U
Trichlorofluoromethane	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U
Trichlorotrifluoroethane (Freon 113)	1.2 U	1.5 U	1.2 U	1.2 U	1.5 U	1.2 U	1.2 U
Vinyl chloride	0.26 U	0.3 U	0.26 U	0.26 U	0.3 U	0.26 U	0.26 U

See last page of Table IV for notes and abbreviations.

TABLE IV
SUMMARY OF RESULTS FOR VOLATILE ORGANIC COMPOUNDS
IN CHATSWORTH FORMATION WELLS, 2006
BOEING SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well Identifier	RD-59C	RD-60	RD-60	RD-61	RD-61	RD-61	RD-61
Sample Port	---	---	---	---	---	---	---
Sample Date	11/14/06	02/07/06	08/30/06	02/07/06	05/31/06	08/31/06	08/31/06
Sample Type	Primary	Primary	Primary	Primary	Primary	Primary	Dup
Sample Qualifier	---	---	---	---	---	---	---
Analysis Method	8260B	8260B	8260B	8260B	8260B	8260B	8260B
Laboratory	TA	DMA	TA	DMA	DMA	TA	TA
Compound (ug/l)							
1,1,1-Trichloroethane	0.3 UJ	0.3 U	1.5 U	0.3 U	0.3 U	0.3 U	0.3 U
1,1,2,2-Tetrachloroethane	0.24 UJ	0.24 U	1.2 U	0.24 U	0.24 U	0.24 U	0.24 U
1,1,2-Trichloroethane	0.3 UJ	0.3 U	1.5 U	0.3 U	0.3 U	0.3 U	0.3 U
1,1-Dichloroethane	0.27 UJ	2.3	1.6 J	0.27 U	0.27 U	0.27 U	0.27 U
1,1-Dichloroethene	0.42 UJ	2.1	2.1 U	0.42 U	0.42 U	0.42 U	0.42 U
1,2-Dichlorobenzene	0.32 UJ	0.32 U	1.6 U	0.32 U	0.32 U	0.32 U	0.32 U
1,2-Dichloroethane	0.28 UJ	5.8	1.4 U	0.28 U	0.28 U	0.28 U	0.28 U
1,2-Dichloropropane	0.35 UJ	0.35 U	1.8 U	0.35 U	0.35 U	0.35 U	0.35 U
1,3-Dichlorobenzene	0.35 UJ	0.35 U	1.8 U	0.35 U	0.35 U	0.35 U	0.35 U
1,4-Dichlorobenzene	0.37 UJ	0.37 U	1.8 U	0.37 U	0.37 U	0.37 U	0.37 U
1,4-Dioxane	---	---	---	---	---	---	---
2-Butanone	3.8 UJ	3.8 U	19 U	3.8 U	3.8 U	3.8 U	3.8 U
2-Chloroethyl Vinyl Ether	---	---	---	---	---	---	---
2-Hexanone	2.6 UJ	2.6 U	13 U	2.6 U	2.6 U	2.6 U	2.6 U
4-Methyl-2-pentanone (MIBK)	3.5 UJ	2.5 U	18 U	2.5 U	3.5 U	3.5 U	3.5 U
Acetone	4.5 UJ	4.5 U	22 U	4.5 U	4.5 U	4.5 U	4.5 U
Benzene	0.28 UJ	0.28 U	1.4 U	0.28 U	0.28 U	0.28 U	0.28 U
Bromodichloromethane	0.3 UJ	0.3 U	1.5 U	0.3 U	0.3 U	0.3 U	0.3 U
Bromoform	0.4 UJ	0.32 U	1.6 U	0.32 U	0.32 U	0.32 U	0.32 U
Bromomethane	0.42 UJ	0.42 U	2.1 U	0.42 U	0.42 U	0.42 U	0.42 U
Carbon disulfide	0.48 UJ	0.48 U	2.4 U	0.48 U	0.48 U	0.48 U	0.48 U
Carbon tetrachloride	0.28 UJ	0.28 U	1.4 U	0.28 U	0.28 U	0.28 U	0.28 U
Chlorobenzene	0.36 UJ	0.36 U	1.8 U	0.36 U	0.36 U	0.36 U	0.36 U
Chloroethane	0.4 UJ	0.33 U	2 U	0.33 U	0.4 U	0.4 U	0.4 U
Chloroform	0.33 UJ	0.33 U	1.6 U	0.33 U	0.33 U	0.33 U	0.33 U
Chloromethane	0.4 UJ	0.3 U	1.5 U	0.3 U	0.3 U	0.3 U	0.3 U
cis-1,2-Dichloroethene	0.32 UJ	19	15	0.32 U	0.32 U	0.32 U	0.32 U
cis-1,3-Dichloropropene	0.22 UJ	0.22 U	1.1 U	0.22 U	0.22 U	0.22 U	0.22 U
Dibromochloromethane	0.28 UJ	0.28 U	1.4 U	0.28 U	0.28 U	0.28 U	0.28 U
Ethylbenzene	0.25 UJ	0.25 U	1.2 U	0.25 U	0.25 U	0.25 U	0.25 U
m,p-Xylenes	0.6 UJ	0.52 U	3 U	0.52 U	0.6 U	0.6 U	0.6 U
Methylene chloride	0.95 UJ	0.51 U	3.5 U	0.51 U	0.7 U	0.7 U	0.7 U
o-Xylene	0.3 UJ	0.24 U	1.5 U	0.24 U	0.3 U	0.3 U	0.3 U
Tetrachloroethene	0.32 UJ	0.32 U	1.6 U	0.32 U	0.32 U	0.32 U	0.32 U
Toluene	0.36 UJ	0.36 U	1.8 U	0.36 U	0.36 U	0.36 U	0.36 U
trans-1,2-Dichloroethene	0.27 UJ	0.28 J	1.4 U	0.27 U	0.27 U	0.27 U	0.27 U
trans-1,3-Dichloropropene	0.32 UJ	0.32 U	1.6 U	0.32 U	0.32 U	0.32 U	0.32 U
Trichloroethene	0.26 UJ	370	490	0.26 U	0.29 J,S	0.26 U	0.26 U
Trichlorofluoromethane	0.34 UJ	0.34 U	1.7 U	0.34 U	0.34 U	0.34 U	0.34 U
Trichlorotrifluoroethane (Freon 113)	1.5 UJ	1.2 U	6 U	1.2 U	1.2 U	1.2 U	1.2 U
Vinyl chloride	0.3 UJ	0.26 U	1.3 U	0.26 U	0.26 U	0.26 U	0.26 U

See last page of Table IV for notes and abbreviations.

TABLE IV
SUMMARY OF RESULTS FOR VOLATILE ORGANIC COMPOUNDS
IN CHATSWORTH FORMATION WELLS, 2006
BOEING SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well Identifier	RD-61	RD-61	RD-62	RD-62	RD-62	RD-62	RD-62
Sample Port	---	---	---	---	---	---	---
Sample Date	08/31/06	10/31/06	02/22/06	05/23/06	08/24/06	11/10/06	11/10/06
Sample Type	Split	Primary	Primary	Primary	Primary	Primary	Dup
Sample Qualifier	---	---	---	---	---	---	---
Analysis Method	8260B	8260B	8260B	8260B	8260B	8260B	8260B
Laboratory	STL-SA	TA	DMA	DMA	TA	TA	TA
Compound (ug/l)							
1,1,1-Trichloroethane	0.41 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U
1,1,2,2-Tetrachloroethane	0.37 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U
1,1,2-Trichloroethane	0.31 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U
1,1-Dichloroethane	0.1 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U
1,1-Dichloroethene	0.36 U	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U
1,2-Dichlorobenzene	0.14 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U
1,2-Dichloroethane	0.22 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U
1,2-Dichloropropane	0.15 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U
1,3-Dichlorobenzene	0.11 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U
1,4-Dichlorobenzene	0.13 U	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U
1,4-Dioxane	---	---	---	---	---	---	---
2-Butanone	1 U	3.8 U	3.8 U	3.8 U	3.8 U	74 S	69 S
2-Chloroethyl Vinyl Ether	---	---	---	---	---	---	---
2-Hexanone	1 U	2.6 U	2.6 U	2.6 U	2.6 U	2.6 U	2.6 U
4-Methyl-2-pentanone (MIBK)	1 U	3.5 U	2.5 U	3.5 U	3.5 U	3.5 U	3.5 U
Acetone	1 U	4.5 U	4.5 U	4.5 U	4.5 U	160 S	150 S
Benzene	0.13 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U
Bromodichloromethane	0.14 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U
Bromoform	0.1 U	0.32 U	0.32 U	0.32 U	0.32 U	0.4 U	0.4 U
Bromomethane	0.08 U	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U
Carbon disulfide	1 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U
Carbon tetrachloride	0.15 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U
Chlorobenzene	0.12 U	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U
Chloroethane	0.34 U	0.4 U	0.33 U	0.4 U	0.4 U	0.4 U	0.4 U
Chloroform	0.12 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U
Chloromethane	0.25 U	0.3 U	0.3 U	0.3 U	0.3 U	0.4 U	0.4 U
cis-1,2-Dichloroethene	0.1 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U
cis-1,3-Dichloropropene	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U
Dibromochloromethane	0.4 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U
Ethylbenzene	0.27 U	0.25 U	0.25 U	0.25 U	0.25 U	0.58 J,S	0.59 J,S
m,p-Xylenes	0.18 U	0.6 U	0.52 U	0.6 U	0.6 U	2 S	2 S
Methylene chloride	0.35 U	0.98 U	0.51 U	2.5 J,L	0.7 U	0.95 U	0.95 U
o-Xylene	0.1 U	0.3 U	0.24 U	0.3 U	0.3 U	0.3 U	0.33 J,S
Tetrachloroethene	0.38 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U
Toluene	0.25 U	0.36 U	0.36 U	0.36 U	0.36 U	43 S	43 S
trans-1,2-Dichloroethene	0.11 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U
trans-1,3-Dichloropropene	0.3 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U
Trichloroethene	0.31 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U
Trichlorofluoromethane	0.23 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U
Trichlorotrifluoroethane (Freon 113)	1 U	1.2 U	1.2 U	1.2 U	1.2 U	1.5 U	1.5 U
Vinyl chloride	0.12 U	0.26 U	0.26 U	0.26 U	0.26 U	0.3 U	0.3 U

See last page of Table IV for notes and abbreviations.

TABLE IV
SUMMARY OF RESULTS FOR VOLATILE ORGANIC COMPOUNDS
IN CHATSWORTH FORMATION WELLS, 2006
BOEING SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well Identifier	RD-62	RD-62	RD-62	RD-63	RD-63	RD-64	RD-65
Sample Port	---	---	---	---	---	Z6	Z5
Sample Date	12/15/06	12/15/06	12/15/06	02/16/06	08/09/06	02/16/06	02/16/06
Sample Type	Primary	Dup	Split	Primary	Primary	Primary	Primary
Sample Qualifier	---	---	---	---	---	---	---
Analysis Method	8260B	8260B	8260B	8260B	8260B	8260B	8260B
Laboratory	TA	TA	TA	DMA	TA	DMA	DMA
Compound (ug/l)							
1,1,1-Trichloroethane	0.3 U	0.3 U	0.18 U	0.3 U	0.3 U	3 U	0.32 J
1,1,2,2-Tetrachloroethane	0.24 U	0.24 U	0.42 U	0.24 U	0.24 U	2.4 U	0.24 U
1,1,2-Trichloroethane	0.3 U	0.3 U	0.37 U	0.3 U	0.3 U	3 U	0.3 U
1,1-Dichloroethane	0.27 U	0.27 U	0.14 U	0.51 J	0.69 J	2.7 U	6.4
1,1-Dichloroethene	0.42 U	0.42 U	0.24 U	1.2	0.99 J	4.2 U	33
1,2-Dichlorobenzene	0.32 U	0.32 U	0.15 U	0.32 U	0.32 U	3.2 U	0.32 U
1,2-Dichloroethane	0.28 U	0.28 U	0.21 U	0.28 U	0.28 U	2.8 U	0.68
1,2-Dichloropropane	0.35 U	0.35 U	0.14 U	0.35 U	0.35 U	3.5 U	0.35 U
1,3-Dichlorobenzene	0.35 U	0.35 U	0.24 U	0.35 U	0.35 U	3.5 U	0.35 U
1,4-Dichlorobenzene	0.37 U	0.37 U	0.17 U	0.37 U	0.37 U	3.7 U	0.37 U
1,4-Dioxane	---	---	---	---	---	---	---
2-Butanone	3.8 U	3.8 U	2.6 U	3.8 U	3.8 U	38 U	3.8 U
2-Chloroethyl Vinyl Ether	---	---	---	---	---	---	---
2-Hexanone	2.6 U	2.6 U	1.6 U	2.6 U	2.6 U	26 U	2.6 U
4-Methyl-2-pentanone (MIBK)	3.5 U	3.5 U	0.69 U	2.5 U	3.5 U	25 U	2.5 U
Acetone	4.5 U	4.5 U	3.5 U	4.5 U	4.5 U	45 U	4.5 U
Benzene	0.28 U	0.28 U	0.14 U	0.28 U	0.28 U	2.8 U	0.28 U
Bromodichloromethane	0.3 U	0.3 U	0.12 U	0.3 U	0.3 U	3 U	0.3 U
Bromoform	0.4 U	0.4 U	0.25 U	0.32 U	0.32 U	3.2 U	0.32 U
Bromomethane	0.42 U	0.42 U	0.36 U	0.42 U	0.42 U	4.2 U	0.42 U
Carbon disulfide	0.48 U	0.48 U	0.13 U	0.48 U	0.48 U	4.8 U	0.48 U
Carbon tetrachloride	0.28 U	0.28 U	0.18 U	0.28 U	0.28 U	2.8 U	0.28 U
Chlorobenzene	0.36 U	0.36 U	0.16 U	0.36 U	0.36 U	3.6 U	0.36 U
Chloroethane	0.4 U	0.4 U	0.22 U	0.33 U	0.4 U	3.3 U	0.33 U
Chloroform	0.33 U	0.33 U	0.14 U	0.33 U	0.33 U	3.3 U	0.33 U
Chloromethane	0.4 U	0.4 U	0.18 U	0.3 U	0.3 U	3 U	0.3 U
cis-1,2-Dichloroethene	0.32 U	0.32 U	0.19 U	2.9	3.6	420	15
cis-1,3-Dichloropropene	0.22 U	0.22 U	0.13 U	0.22 U	0.22 U	2.2 U	0.22 U
Dibromochloromethane	0.28 U	0.28 U	0.2 U	0.28 U	0.28 U	2.8 U	0.28 U
Ethylbenzene	0.25 U	0.25 U	0.21 U	0.25 U	0.25 U	2.5 U	0.25 U
m,p-Xylenes	0.6 U	0.6 U	0.23 U	0.52 U	0.6 U	5.2 U	0.52 U
Methylene chloride	0.95 U	0.95 U	0.5 U	0.51 U	0.7 U	5.1 U	0.51 U
o-Xylene	0.3 U	0.3 U	0.17 U	0.24 U	0.3 U	2.4 U	0.24 U
Tetrachloroethene	0.32 U	0.32 U	0.16 U	0.32 U	0.32 U	3.2 U	0.32 U
Toluene	0.36 U	0.36 U	0.22 U	0.36 U	0.36 U	3.6 U	0.36 U
trans-1,2-Dichloroethene	0.27 U	0.27 U	0.17 U	0.27 U	0.27 U	3.5 J	0.27 U
trans-1,3-Dichloropropene	0.32 U	0.32 U	0.16 U	0.32 U	0.32 U	3.2 U	0.32 U
Trichloroethene	0.26 U	0.26 U	0.18 U	4.9	5.5	57	91
Trichlorofluoromethane	0.34 U	0.34 U	0.15 U	0.34 U	0.34 U	3.4 U	0.34 U
Trichlorotrifluoroethane (Freon 113)	1.5 U	1.5 U	0.15 U	1.2 U	1.2 U	12 U	1.2 U
Vinyl chloride	0.3 U	0.3 U	0.21 U	0.26 U	0.26 U	2.6 U	0.26 U

See last page of Table IV for notes and abbreviations.

TABLE IV
SUMMARY OF RESULTS FOR VOLATILE ORGANIC COMPOUNDS
IN CHATSWORTH FORMATION WELLS, 2006
BOEING SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well Identifier	RD-66	RD-66	RD-66	RD-66	RD-67	RD-67	RD-68A
Sample Port	---	---	---	---	---	---	---
Sample Date	02/21/06	05/19/06	08/23/06	11/14/06	02/06/06	08/21/06	02/23/06
Sample Type	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Sample Qualifier	---	---	---	---	---	---	---
Analysis Method	8260B	8260B	8260B	8260B	8260B	8260B	8260B
Laboratory	DMA	DMA	TA	TA	DMA	TA	DMA
Compound (ug/l)							
1,1,1-Trichloroethane	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U
1,1,2,2-Tetrachloroethane	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U
1,1,2-Trichloroethane	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U
1,1-Dichloroethane	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U
1,1-Dichloroethene	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U
1,2-Dichlorobenzene	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U
1,2-Dichloroethane	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U
1,2-Dichloropropane	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U
1,3-Dichlorobenzene	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U
1,4-Dichlorobenzene	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U
1,4-Dioxane	---	---	---	---	---	---	---
2-Butanone	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U
2-Chloroethyl Vinyl Ether	---	---	---	---	---	---	---
2-Hexanone	2.6 U	2.6 U	2.6 U	2.6 U	2.6 U	2.6 U	2.6 U
4-Methyl-2-pentanone (MIBK)	2.5 U	3.5 U	3.5 U	3.5 U	2.5 U	3.5 U	2.5 U
Acetone	4.5 U	4.5 U	4.5 U	4.5 U	4.5 U	4.5 U	4.5 U
Benzene	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U
Bromodichloromethane	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U
Bromoform	0.32 U	0.32 U	0.32 U	0.4 U	0.32 U	0.32 U	0.32 U
Bromomethane	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U
Carbon disulfide	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U
Carbon tetrachloride	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U
Chlorobenzene	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U
Chloroethane	0.33 U	0.4 U	0.4 U	0.4 U	0.33 U	0.4 U	0.33 U
Chloroform	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U
Chloromethane	0.3 U	0.3 U	0.3 U	0.4 U	0.3 U	0.3 U	0.3 U
cis-1,2-Dichloroethene	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U
cis-1,3-Dichloropropene	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U
Dibromochloromethane	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U
Ethylbenzene	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
m,p-Xylenes	0.52 U	0.6 U	0.6 U	0.6 U	0.52 U	0.6 U	0.52 U
Methylene chloride	0.51 U	3.2 U	0.7 U	0.95 U	0.66 J,L	1.2 U	0.51 U
o-Xylene	0.24 U	0.3 U	0.3 U	0.3 U	0.24 U	0.3 U	0.24 U
Tetrachloroethene	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U
Toluene	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U
trans-1,2-Dichloroethene	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U
trans-1,3-Dichloropropene	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U
Trichloroethene	0.26 U	0.26 U	0.26 U	0.26 UJ	0.26 U	0.26 U	0.26 U
Trichlorofluoromethane	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U
Trichlorotrifluoroethane (Freon 113)	1.2 U	1.2 U	1.2 U	1.5 U	1.2 U	1.2 U	1.2 U
Vinyl chloride	0.26 U	0.26 U	0.26 U	0.3 U	0.26 U	0.26 U	0.26 U

See last page of Table IV for notes and abbreviations.

TABLE IV
SUMMARY OF RESULTS FOR VOLATILE ORGANIC COMPOUNDS
IN CHATSWORTH FORMATION WELLS, 2006
BOEING SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well Identifier	RD-68A	RD-68A	RD-68A	RD-68B	RD-68B	RD-68B	RD-68B
Sample Port	---	---	---	---	---	---	---
Sample Date	05/23/06	08/23/06	11/14/06	02/23/06	05/23/06	08/23/06	11/14/06
Sample Type	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Sample Qualifier	---	---	---	---	---	---	---
Analysis Method	8260B	8260B	8260B	8260B	8260B	8260B	8260B
Laboratory	DMA	TA	TA	DMA	DMA	TA	TA
Compound (ug/l)							
1,1,1-Trichloroethane	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U
1,1,2,2-Tetrachloroethane	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U
1,1,2-Trichloroethane	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U
1,1-Dichloroethane	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U
1,1-Dichloroethene	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U
1,2-Dichlorobenzene	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U
1,2-Dichloroethane	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U
1,2-Dichloropropane	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U
1,3-Dichlorobenzene	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U
1,4-Dichlorobenzene	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U
1,4-Dioxane	---	---	---	---	---	---	---
2-Butanone	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U
2-Chloroethyl Vinyl Ether	---	---	---	---	---	---	---
2-Hexanone	2.6 U	2.6 U	2.6 U	2.6 U	2.6 U	2.6 U	2.6 U
4-Methyl-2-pentanone (MIBK)	3.5 U	3.5 U	3.5 U	2.5 U	3.5 U	3.5 U	3.5 U
Acetone	4.5 U	4.5 U	4.5 U	4.5 U	4.5 U	4.5 U	4.5 U
Benzene	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U
Bromodichloromethane	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U
Bromoform	0.32 U	0.32 U	0.4 U	0.32 U	0.32 U	0.32 U	0.4 U
Bromomethane	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U
Carbon disulfide	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U
Carbon tetrachloride	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U
Chlorobenzene	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U
Chloroethane	0.4 U	0.4 U	0.4 U	0.33 U	0.4 U	0.4 U	0.4 U
Chloroform	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U
Chloromethane	0.3 U	0.3 U	0.4 U	0.3 U	0.3 U	0.3 U	0.4 U
cis-1,2-Dichloroethene	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U
cis-1,3-Dichloropropene	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U
Dibromochloromethane	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U
Ethylbenzene	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
m,p-Xylenes	0.6 U	0.6 U	0.6 U	0.52 U	0.6 U	0.6 U	0.6 U
Methylene chloride	1.8 J,L	0.7 U	0.95 U	0.51 U	2.1 J,L	0.7 U	0.95 U
o-Xylene	0.3 U	0.3 U	0.3 U	0.24 U	0.3 U	0.3 U	0.3 U
Tetrachloroethene	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U
Toluene	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U
trans-1,2-Dichloroethene	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U
trans-1,3-Dichloropropene	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U
Trichloroethene	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U
Trichlorofluoromethane	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U
Trichlorotrifluoroethane (Freon 113)	1.2 U	1.2 U	1.5 U	1.2 U	1.2 U	1.2 U	1.5 U
Vinyl chloride	0.26 U	0.26 U	0.3 U	0.26 U	0.26 U	0.26 U	0.3 U

See last page of Table IV for notes and abbreviations.

TABLE IV
SUMMARY OF RESULTS FOR VOLATILE ORGANIC COMPOUNDS
IN CHATSWORTH FORMATION WELLS, 2006
BOEING SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well Identifier	RD-69	RD-69	RD-70	RD-70	RD-70	RD-70	RD-70
Sample Port	---	---	---	---	---	---	---
Sample Date	02/28/06	09/01/06	02/03/06	05/24/06	08/15/06	08/15/06	08/15/06
Sample Type	Primary	Primary	Primary	Primary	Primary	Dup	Split
Sample Qualifier	---	---	---	---	---	---	---
Analysis Method	8260B	8260B	8260B	8260B	8260B	8260B	8260B
Laboratory	DMA	TA	DMA	TA	TA	TA	STL-SA
Compound (ug/l)							
1,1,1-Trichloroethane	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.41 U
1,1,2,2-Tetrachloroethane	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.37 U
1,1,2-Trichloroethane	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.31 U
1,1-Dichloroethane	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.1 U
1,1-Dichloroethene	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U	0.36 U
1,2-Dichlorobenzene	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.14 U
1,2-Dichloroethane	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.22 U
1,2-Dichloropropane	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.15 U
1,3-Dichlorobenzene	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.11 U
1,4-Dichlorobenzene	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U	0.13 U
1,4-Dioxane	---	---	---	---	---	---	---
2-Butanone	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U	1 U
2-Chloroethyl Vinyl Ether	---	---	---	---	---	---	---
2-Hexanone	2.6 U	2.6 U	2.6 U	2.6 U	2.6 U	2.6 U	1 U
4-Methyl-2-pentanone (MIBK)	2.5 U	3.5 U	2.5 U	3.5 U	3.5 U	3.5 U	1 U
Acetone	4.5 U	4.5 U	4.5 U	4.5 U	4.5 U	4.5 U	1 U
Benzene	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.13 U
Bromodichloromethane	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.14 U
Bromoform	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.1 U
Bromomethane	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U	0.08 U
Carbon disulfide	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	1 U
Carbon tetrachloride	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.15 U
Chlorobenzene	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U	0.12 U
Chloroethane	0.33 U	0.4 U	0.33 U	0.4 U	0.4 U	0.4 U	0.34 U
Chloroform	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.12 U
Chloromethane	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.25 U
cis-1,2-Dichloroethene	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.1 U
cis-1,3-Dichloropropene	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U
Dibromochloromethane	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.4 U
Ethylbenzene	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.27 U
m,p-Xylenes	0.52 U	0.6 U	0.52 U	0.6 U	0.6 U	0.6 U	0.18 U
Methylene chloride	0.51 U	0.79 U	0.51 U	0.7 U	0.7 U	0.7 U	0.35 U
o-Xylene	0.24 U	0.3 U	0.24 U	0.3 U	0.3 U	0.3 U	0.1 U
Tetrachloroethene	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.38 U
Toluene	0.39 J	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U	0.25 U
trans-1,2-Dichloroethene	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.11 U
trans-1,3-Dichloropropene	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.3 U
Trichloroethene	0.41 J,C	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.31 U
Trichlorofluoromethane	0.34 U	0.34 U	0.34 UJ	0.34 U	0.34 U	0.34 U	0.23 U
Trichlorotrifluoroethane (Freon 113)	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1 U
Vinyl chloride	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.12 U

See last page of Table IV for notes and abbreviations.

TABLE IV
SUMMARY OF RESULTS FOR VOLATILE ORGANIC COMPOUNDS
IN CHATSWORTH FORMATION WELLS, 2006
BOEING SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well Identifier	RD-70	RD-71	RD-71	RD-71	RD-71	RD-72	RD-73
Sample Port	---	---	---	---	---	Z4	---
Sample Date	10/27/06	02/22/06	05/19/06	08/23/06	11/14/06	08/17/06	05/09/06
Sample Type	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Sample Qualifier	---	---	---	---	---	---	---
Analysis Method	8260B	8260B	8260B	8260B	8260B	8260B	8260B
Laboratory	TA	DMA	DMA	TA	TA	TA	DMA
Compound (ug/l)							
1,1,1-Trichloroethane	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	15 U	60 U
1,1,2,2-Tetrachloroethane	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	12 U	48 U
1,1,2-Trichloroethane	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	15 U	60 U
1,1-Dichloroethane	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	14 U	54 U
1,1-Dichloroethene	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U	61	96 J
1,2-Dichlorobenzene	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	16 U	64 U
1,2-Dichloroethane	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	14 U	56 U
1,2-Dichloropropane	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	18 U	70 U
1,3-Dichlorobenzene	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	18 U	70 U
1,4-Dichlorobenzene	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U	18 U	74 U
1,4-Dioxane	---	---	---	---	---	---	---
2-Butanone	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U	190 U	760 U
2-Chloroethyl Vinyl Ether	---	---	---	---	---	---	---
2-Hexanone	2.6 U	2.6 U	2.6 U	2.6 U	2.6 U	130 U	520 U
4-Methyl-2-pentanone (MIBK)	3.5 U	2.5 U	3.5 U	3.5 U	3.5 U	180 U	700 U
Acetone	4.5 U	4.5 U	4.5 U	4.5 U	4.5 U	220 U	900 U
Benzene	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	14 U	56 U
Bromodichloromethane	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	15 U	60 U
Bromoform	0.32 U	0.32 U	0.32 U	0.32 U	0.4 U	16 U	64 U
Bromomethane	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U	21 U	84 U
Carbon disulfide	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	24 U	96 U
Carbon tetrachloride	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	14 U	56 U
Chlorobenzene	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U	18 U	72 U
Chloroethane	0.4 U	0.33 U	0.4 U	0.4 U	0.4 U	20 U	80 U
Chloroform	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	16 U	66 U
Chloromethane	0.3 U	0.3 U	0.3 U	0.3 U	0.4 U	15 U	60 U
cis-1,2-Dichloroethene	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	2000	400
cis-1,3-Dichloropropene	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	11 U	44 U
Dibromochloromethane	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	14 U	56 U
Ethylbenzene	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	12 U	50 U
m,p-Xylenes	0.6 U	0.52 U	0.6 U	0.6 U	0.6 U	30 U	120 U
Methylene chloride	0.7 U	0.51 U	2.6 U	0.7 U	0.95 U	46 J	140 U
o-Xylene	0.3 U	0.24 U	0.3 U	0.3 U	0.3 U	15 U	60 U
Tetrachloroethene	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	16 U	64 U
Toluene	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U	18 U	72 U
trans-1,2-Dichloroethene	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	14 U	54 U
trans-1,3-Dichloropropene	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	16 U	64 U
Trichloroethene	0.26 U	0.26 U	0.26 U	0.26 U	0.26 UJ	20 J	16000
Trichlorofluoromethane	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	17 U	68 U
Trichlorotrifluoroethane (Freon 113)	1.2 U	1.2 U	1.2 U	1.2 U	1.5 U	60 U	240 U
Vinyl chloride	0.26 U	0.26 U	0.26 U	0.26 U	0.3 U	13 U	52 U

See last page of Table IV for notes and abbreviations.

TABLE IV

SUMMARY OF RESULTS FOR VOLATILE ORGANIC COMPOUNDS
IN CHATSWORTH FORMATION WELLS, 2006
BOEING SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well Identifier	RD-73	RD-73	RD-86	RD-92	RD-96	RD-97	HAR-07
Sample Port	---	---	---	---	---	---	---
Sample Date	05/09/06	05/09/06	11/16/06	08/25/06	05/09/06	05/09/06	02/14/06
Sample Type	Dup	Split	Primary	Primary	Primary	Primary	Primary
Sample Qualifier	---	---	---	---	---	---	---
Analysis Method	8260B	8260B	8260B	8260B	8260B	8260B	8260B
Laboratory	DMA	STL-SA	TA	TA	DMA	DMA	DMA
Compound (ug/l)							
1,1,1-Trichloroethane	30 U	82 U	0.3 U	0.3 U	0.3 U	0.3 U	30 U
1,1,2,2-Tetrachloroethane	24 U	74 U	0.24 U	0.24 U	0.24 U	0.24 U	24 U
1,1,2-Trichloroethane	30 U	62 U	0.3 U	0.3 U	0.3 U	0.3 U	30 U
1,1-Dichloroethane	27 U	20 U	0.27 U	0.27 U	0.27 U	0.27 U	27 U
1,1-Dichloroethene	160	180 J	0.42 U	0.42 U	0.42 U	0.42 U	42 U
1,2-Dichlorobenzene	32 U	28 U	0.32 U	0.32 U	0.32 U	0.32 U	32 U
1,2-Dichloroethane	28 U	44 U	0.28 U	0.28 U	0.28 U	0.28 U	28 U
1,2-Dichloropropane	35 U	30 U	0.35 U	0.35 U	0.35 U	0.35 U	35 U
1,3-Dichlorobenzene	35 U	22 U	0.35 U	0.35 U	0.35 U	0.35 U	35 U
1,4-Dichlorobenzene	37 U	26 U	0.37 U	0.37 U	0.37 U	0.37 U	37 U
1,4-Dioxane	---	---	---	---	---	---	1.2 J
2-Butanone	380 U	200 U	3.8 U	3.8 U	3.8 U	3.8 U	380 U
2-Chloroethyl Vinyl Ether	---	---	---	---	---	---	---
2-Hexanone	260 U	200 U	2.6 U	2.6 U	2.6 U	2.6 U	260 U
4-Methyl-2-pentanone (MIBK)	350 U	200 U	3.5 U	3.5 U	3.5 U	3.5 U	250 U
Acetone	450 U	470 J,L	4.5 U	4.5 U	4.5 U	4.5 U	450 U
Benzene	28 U	26 U	0.28 U	0.28 U	0.28 U	0.28 U	28 U
Bromodichloromethane	30 U	28 U	0.3 U	0.3 U	0.3 U	0.3 U	30 U
Bromoform	32 U	20 U	0.4 U	0.32 U	0.32 U	0.32 U	32 U
Bromomethane	42 U	16 U	0.42 U	0.42 U	0.42 U	0.42 U	42 U
Carbon disulfide	48 U	200 U	0.48 U	0.48 U	0.48 U	0.48 U	48 U
Carbon tetrachloride	28 U	30 U	0.28 U	0.28 U	0.28 U	0.28 U	28 U
Chlorobenzene	36 U	24 U	0.36 U	0.36 U	0.36 U	0.36 U	36 U
Chloroethane	40 U	68 U	0.4 U	0.4 U	0.4 U	0.4 U	33 U
Chloroform	33 U	24 U	0.33 U	0.33 U	0.33 U	0.33 U	33 U
Chloromethane	30 U	50 U	0.4 U	0.3 U	0.3 U	0.3 U	30 U
cis-1,2-Dichloroethene	440	440	0.32 U	0.32 U	0.32 U	0.32 U	2600 J
cis-1,3-Dichloropropene	22 U	44 U	0.22 U	0.22 U	0.22 U	0.22 U	22 U
Dibromochloromethane	28 U	80 U	0.28 U	0.28 U	0.28 U	0.28 U	28 U
Ethylbenzene	25 U	54 U	0.25 U	0.25 U	0.25 U	0.25 U	25 U
m,p-Xylenes	60 U	36 U	0.6 U	0.6 U	0.6 U	0.6 U	52 U
Methylene chloride	70 U	70 U	0.95 U	1.5 U	0.7 U	1.6 U	51 U
o-Xylene	30 U	20 U	0.3 U	0.3 U	0.3 U	0.3 U	24 U
Tetrachloroethene	32 U	76 U	0.32 U	0.32 U	0.32 U	0.32 U	32 U
Toluene	53 J	50 U	0.66 J,L	0.36 U	0.36 U	0.36 U	36 U
trans-1,2-Dichloroethene	27 U	22 U	0.27 U	0.27 U	0.27 U	0.27 U	100 J
trans-1,3-Dichloropropene	32 U	60 U	0.32 U	0.32 U	0.32 U	0.32 U	32 U
Trichloroethene	18000	15000	0.26 U	0.26 U	0.26 U	0.26 U	6800 J
Trichlorofluoromethane	34 U	46 U	0.34 U	0.34 U	0.34 U	0.34 U	34 U
Trichlorotrifluoroethane (Freon 113)	120 U	200 U	1.5 U	1.2 U	1.2 U	1.2 U	120 U
Vinyl chloride	26 U	24 U	0.3 U	0.26 U	0.26 U	0.26 U	26 U

See last page of Table IV for notes and abbreviations.

TABLE IV
SUMMARY OF RESULTS FOR VOLATILE ORGANIC COMPOUNDS
IN CHATSWORTH FORMATION WELLS, 2006
BOEING SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well Identifier	HAR-07	HAR-07	HAR-07	HAR-07	HAR-07	HAR-07	HAR-07
Sample Port	---	---	---	---	---	---	---
Sample Date	02/14/06	05/11/06	05/11/06	05/11/06	08/15/06	08/15/06	08/15/06
Sample Type	Dup	Primary	Dup	Split	Primary	Dup	Split
Sample Qualifier	---	---	---	---	---	---	---
Analysis Method	8260B	8260B	8260B	8260SIM	8260B	8260SIM	8260SIM
Laboratory	DMA	TA	TA	DMA	TA	TA	TA
Compound (ug/l)							
1,1,1-Trichloroethane	12 U	7.5 U	---	---	3 U	---	---
1,1,2,2-Tetrachloroethane	9.6 U	6 U	---	---	2.4 U	---	---
1,1,2-Trichloroethane	12 U	7.5 U	---	---	3 U	---	---
1,1-Dichloroethane	11 U	6.8 U	---	---	2.7 U	---	---
1,1-Dichloroethene	17 U	10 U	---	---	4.2 U	---	---
1,2-Dichlorobenzene	13 U	8 U	---	---	3.2 U	---	---
1,2-Dichloroethane	11 U	7 U	---	---	2.8 U	---	---
1,2-Dichloropropane	14 U	8.8 U	---	---	3.5 U	---	---
1,3-Dichlorobenzene	14 U	8.8 U	---	---	3.5 U	---	---
1,4-Dichlorobenzene	15 U	9.2 U	---	---	3.7 U	---	---
1,4-Dioxane	---	0.71 J	0.65 U	1 U	1 U	1 U	6.5 UJ
2-Butanone	150 U	95 U	---	---	38 U	---	---
2-Chloroethyl Vinyl Ether	---	---	---	---	---	---	---
2-Hexanone	100 U	65 U	---	---	26 U	---	---
4-Methyl-2-pentanone (MIBK)	100 U	88 U	---	---	35 U	---	---
Acetone	180 U	110 U	---	---	45 U	---	---
Benzene	11 U	7 U	---	---	2.8 U	---	---
Bromodichloromethane	12 U	7.5 U	---	---	3 U	---	---
Bromoform	13 U	8 U	---	---	3.2 U	---	---
Bromomethane	17 U	10 U	---	---	4.2 U	---	---
Carbon disulfide	19 U	12 U	---	---	4.8 U	---	---
Carbon tetrachloride	11 U	7 U	---	---	2.8 U	---	---
Chlorobenzene	14 U	9 U	---	---	3.6 U	---	---
Chloroethane	13 U	10 U	---	---	4 U	---	---
Chloroform	13 U	8.2 U	---	---	3.3 U	---	---
Chloromethane	12 U	7.5 U	---	---	3 U	---	---
cis-1,2-Dichloroethene	2300	1300	---	---	1100	---	---
cis-1,3-Dichloropropene	8.8 U	5.5 U	---	---	2.2 U	---	---
Dibromochloromethane	11 U	7 U	---	---	2.8 U	---	---
Ethylbenzene	10 U	6.2 U	---	---	2.5 U	---	---
m,p-Xylenes	21 U	15 U	---	---	6 U	---	---
Methylene chloride	20 U	18 U	---	---	7 U	---	---
o-Xylene	9.6 U	7.5 U	---	---	3 U	---	---
Tetrachloroethene	13 U	8 U	---	---	3.2 U	---	---
Toluene	14 U	9 U	---	---	29	---	---
trans-1,2-Dichloroethene	100	55	---	---	55	---	---
trans-1,3-Dichloropropene	13 U	8 U	---	---	3.2 U	---	---
Trichloroethene	5700	4500	---	---	6700	---	---
Trichlorofluoromethane	14 U	8.5 U	---	---	3.4 U	---	---
Trichlorotrifluoroethane (Freon 113)	48 U	---	---	---	12 U	---	---
Vinyl chloride	24	15 J	---	---	21	---	---

See last page of Table IV for notes and abbreviations.

TABLE IV
SUMMARY OF RESULTS FOR VOLATILE ORGANIC COMPOUNDS
IN CHATSWORTH FORMATION WELLS, 2006
BOEING SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well Identifier	HAR-07	HAR-08	HAR-08	HAR-08	HAR-08	HAR-08	HAR-08
Sample Port	---	---	---	---	---	---	---
Sample Date	11/08/06	02/14/06	02/14/06	02/14/06	05/11/06	08/15/06	11/09/06
Sample Type	Primary	Primary	Dup	Split	Primary	Primary	Primary
Sample Qualifier	---	---	---	---	---	---	---
Analysis Method	8260B	8260B	8260SIM	8260SIM	8260B	8260B	8260B
Laboratory	TA	DMA	DMA	DMA	DMA	TA	TA
Compound (ug/l)							
1,1,1-Trichloroethane	0.3 U	0.3 U	---	---	0.3 U	0.3 U	0.3 U
1,1,2,2-Tetrachloroethane	0.24 U	0.24 U	---	---	0.24 U	0.24 U	0.24 U
1,1,2-Trichloroethane	0.3 U	0.3 U	---	---	0.3 U	0.3 U	0.3 U
1,1-Dichloroethane	0.27 U	0.27 U	---	---	0.27 U	0.27 U	0.27 U
1,1-Dichloroethene	7.3	0.42 U	---	---	0.42 U	0.42 U	0.42 U
1,2-Dichlorobenzene	0.32 U	0.32 U	---	---	0.32 U	0.32 U	0.32 U
1,2-Dichloroethane	0.28 U	0.28 U	---	---	0.28 U	0.28 U	0.28 U
1,2-Dichloropropane	0.35 U	0.35 U	---	---	0.35 U	0.35 U	0.35 U
1,3-Dichlorobenzene	0.35 U	0.35 U	---	---	0.35 U	0.35 U	0.35 U
1,4-Dichlorobenzene	0.37 U	0.37 U	---	---	0.37 U	0.37 U	0.37 U
1,4-Dioxane	1 U	1.3	1.3	1.7 J	1.5 J	1.1 J	1 U
2-Butanone	3.8 U	3.8 U	---	---	3.8 U	3.8 U	3.8 U
2-Chloroethyl Vinyl Ether	---	---	---	---	---	---	---
2-Hexanone	2.6 U	2.6 U	---	---	2.6 U	2.6 U	2.6 U
4-Methyl-2-pentanone (MIBK)	3.5 U	2.5 U	---	---	3.5 U	3.5 U	3.5 U
Acetone	4.5 U	4.5 U	---	---	4.5 U	4.5 U	4.5 U
Benzene	0.28 U	0.28 U	---	---	0.28 U	0.28 U	0.28 U
Bromodichloromethane	0.3 U	0.3 U	---	---	0.3 U	0.3 U	0.3 U
Bromoform	0.4 U	0.32 U	---	---	0.32 U	0.32 U	0.4 U
Bromomethane	0.42 U	0.42 U	---	---	0.42 U	0.42 U	0.42 U
Carbon disulfide	0.48 U	0.48 U	---	---	0.48 U	0.48 U	0.48 U
Carbon tetrachloride	0.28 U	0.28 U	---	---	0.28 U	0.28 U	0.28 U
Chlorobenzene	0.36 U	0.36 U	---	---	0.36 U	0.36 U	0.36 U
Chloroethane	0.4 U	0.33 U	---	---	0.4 U	0.4 U	0.4 U
Chloroform	0.33 U	0.33 U	---	---	0.33 U	0.33 U	0.33 U
Chloromethane	0.4 U	0.3 U	---	---	0.3 U	0.3 U	0.4 U
cis-1,2-Dichloroethene	2000	18 J	---	---	15	15	13
cis-1,3-Dichloropropene	0.22 U	0.22 U	---	---	0.22 U	0.22 U	0.22 U
Dibromochloromethane	0.28 U	0.28 U	---	---	0.28 U	0.28 U	0.28 U
Ethylbenzene	0.25 U	0.25 U	---	---	0.25 U	0.25 U	0.25 U
m,p-Xylenes	0.6 U	0.52 U	---	---	0.6 U	0.6 U	0.6 U
Methylene chloride	0.95 U	0.51 U	---	---	1.1 U	0.7 U	0.95 U
o-Xylene	0.3 U	0.24 U	---	---	0.3 U	0.3 U	0.3 U
Tetrachloroethene	2	0.32 U	---	---	0.32 U	0.32 U	0.32 U
Toluene	2.8	0.36 U	---	---	0.36 U	0.36 U	0.36 U
trans-1,2-Dichloroethene	78	2.1	---	---	1.9 J	2.1	1.7
trans-1,3-Dichloropropene	0.32 U	0.32 U	---	---	0.32 U	0.32 U	0.32 U
Trichloroethene	9900	1.2	---	---	1.3	1.5	0.99 J
Trichlorofluoromethane	0.34 U	0.34 U	---	---	0.34 U	0.34 U	0.34 U
Trichlorotrifluoroethane (Freon 113)	1.5 U	1.2 U	---	---	1.2 U	1.2 U	1.5 U
Vinyl chloride	24	4.6	---	---	4.3 J	3.2	2.6

See last page of Table IV for notes and abbreviations.

TABLE IV
SUMMARY OF RESULTS FOR VOLATILE ORGANIC COMPOUNDS
IN CHATSWORTH FORMATION WELLS, 2006
BOEING SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well Identifier	HAR-16	HAR-16	HAR-17	HAR-17	HAR-18	HAR-18	HAR-20
Sample Port	---	---	---	---	---	---	---
Sample Date	05/10/06	11/02/06	05/10/06	11/14/06	11/09/06	12/15/06	02/22/06
Sample Type	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Sample Qualifier	---	---	---	---	---	---	---
Analysis Method	8260B	8260B	8260B	8260B	8260B	8260B	8260B
Laboratory	TA	TA	TA	TA	TA	TA	DMA
Compound (ug/l)							
1,1,1-Trichloroethane	3 U	0.57 J	0.3 U	0.3 U	4.5 J	3 U	0.3 U
1,1,2,2-Tetrachloroethane	2.4 U	0.24 U	0.24 U	0.24 U	2.4 U	2.4 U	0.24 U
1,1,2-Trichloroethane	3 U	0.96 J	0.3 U	0.3 U	3 U	3 U	0.3 U
1,1-Dichloroethane	2.7 U	1.8	0.85 J	0.75 J	8.2 J	6.5 J	0.27 U
1,1-Dichloroethene	5.2 J	10	0.61 J	0.43 J	150	110	0.42 U
1,2-Dichlorobenzene	3.2 U	0.32 U	0.32 U	0.32 U	3.2 U	3.2 U	0.32 U
1,2-Dichloroethane	2.8 U	0.28 U	0.28 U	0.28 U	2.8 U	2.8 U	0.28 U
1,2-Dichloropropane	3.5 U	0.35 U	0.35 U	0.35 U	3.5 U	3.5 U	0.35 U
1,3-Dichlorobenzene	3.5 U	0.35 U	0.35 U	0.35 U	3.5 U	3.5 U	0.35 U
1,4-Dichlorobenzene	3.7 U	0.37 U	0.37 U	0.37 U	3.7 U	3.7 U	0.37 U
1,4-Dioxane	19	---	3.8	---	16 J	---	5.8
2-Butanone	38 U	3.8 U	3.8 U	3.8 U	200 S	38 U	3.8 U
2-Chloroethyl Vinyl Ether	---	---	---	---	---	---	---
2-Hexanone	26 U	2.6 U	2.6 U	2.6 U	26 U	26 U	2.6 U
4-Methyl-2-pentanone (MIBK)	35 U	3.5 U	3.5 U	3.5 U	35 U	35 U	2.5 U
Acetone	45 U	4.5 U	4.5 U	4.5 U	45 U	45 U	4.5 U
Benzene	2.8 U	0.28 U	0.28 U	0.28 U	2.8 U	2.8 U	0.28 U
Bromodichloromethane	3 U	0.3 U	0.3 U	0.3 U	3 U	3 U	0.3 U
Bromoform	3.2 U	0.4 U	0.32 U	0.4 U	4 U	4 U	0.32 U
Bromomethane	4.2 U	0.42 U	0.42 U	0.42 U	4.2 U	4.2 U	0.42 U
Carbon disulfide	4.8 U	0.48 U	0.48 U	0.48 U	4.8 U	4.8 U	0.48 U
Carbon tetrachloride	13 J	0.45 J	0.28 U	0.28 U	2.8 U	2.8 U	0.28 U
Chlorobenzene	3.6 U	0.36 U	0.36 U	0.36 U	3.6 U	3.6 U	0.36 U
Chloroethane	4 U	0.4 U	0.4 U	0.4 U	4 U	4 U	0.33 U
Chloroform	13 J	3.6	0.57 J	0.33 U	3.3 U	3.3 U	0.33 U
Chloromethane	3 U	0.4 U	0.3 U	0.4 U	4 U	4 U	0.3 U
cis-1,2-Dichloroethene	83	100	15	18	1600	1500	88
cis-1,3-Dichloropropene	2.2 U	0.22 U	0.22 U	0.22 U	2.2 U	2.2 U	0.22 U
Dibromochloromethane	2.8 U	0.28 U	0.28 U	0.28 U	2.8 U	2.8 U	0.28 U
Ethylbenzene	2.5 U	0.25 U	0.25 U	0.25 U	2.5 U	2.5 U	0.25 U
m,p-Xylenes	6 U	0.6 U	0.6 U	0.6 U	6 U	6 U	0.52 U
Methylene chloride	71 J	0.95 U	0.7 UJ	0.95 U	9.5 U	9.5 U	0.51 U
o-Xylene	3 U	0.3 U	0.3 U	0.3 U	3 U	3 U	0.24 U
Tetrachloroethene	7.3 J	11	0.32 U	0.32 U	3.2 U	3.2 U	0.32 U
Toluene	3.6 U	0.36 U	0.36 U	0.36 U	32 S	3.6 U	0.36 U
trans-1,2-Dichloroethene	4.1 J	6.4	0.37 J	0.65 J	41	42	8.3
trans-1,3-Dichloropropene	3.2 U	0.32 U	0.32 U	0.32 U	3.2 U	3.2 U	0.32 U
Trichloroethene	9100 J	10000	87	86 J	1400	1400	120
Trichlorofluoromethane	28 J	15	0.34 U	0.34 U	3.4 U	3.4 U	0.34 U
Trichlorotrifluoroethane (Freon 113)	---	2.5 J	---	15	580	460	1.2 U
Vinyl chloride	2.6 U	0.3 U	0.26 U	0.3 U	110	110	0.26 U

See last page of Table IV for notes and abbreviations.

TABLE IV

SUMMARY OF RESULTS FOR VOLATILE ORGANIC COMPOUNDS
IN CHATSWORTH FORMATION WELLS, 2006
BOEING SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well Identifier	HAR-20	HAR-20	HAR-20	HAR-21	HAR-22	HAR-22	HAR-22
Sample Port	---	---	---	---	---	---	---
Sample Date	05/16/06	08/31/06	11/15/06	12/15/06	02/14/06	08/22/06	08/22/06
Sample Type	Primary	Primary	Primary	Primary	Primary	Primary	Dup
Sample Qualifier	---	---	---	---	---	---	---
Analysis Method	8260B	8260B	8260B	8260B	8260B	8260B	8260B
Laboratory	TA	TA	TA	TA	DMA	TA	TA
Compound (ug/l)							
1,1,1-Trichloroethane	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U
1,1,2,2-Tetrachloroethane	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U
1,1,2-Trichloroethane	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U
1,1-Dichloroethane	0.85 J	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U
1,1-Dichloroethene	0.42 U	0.42 U	0.53 J	0.42 U	0.42 U	0.42 U	0.42 U
1,2-Dichlorobenzene	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U
1,2-Dichloroethane	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U
1,2-Dichloropropane	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U
1,3-Dichlorobenzene	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U
1,4-Dichlorobenzene	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U
1,4-Dioxane	4.7	3.9	2.2	---	---	---	---
2-Butanone	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U
2-Chloroethyl Vinyl Ether	---	---	---	---	---	---	---
2-Hexanone	2.6 U	2.6 U	2.6 U	2.6 U	2.6 U	2.6 U	2.6 U
4-Methyl-2-pentanone (MIBK)	3.5 U	3.5 U	3.5 U	3.5 U	2.5 U	3.5 U	3.5 U
Acetone	4.5 U	4.5 U	4.5 U	5 J,S	4.5 U	4.5 U	4.5 U
Benzene	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U
Bromodichloromethane	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U
Bromoform	0.32 U	0.32 U	0.4 U	0.4 U	0.32 U	0.32 U	0.32 U
Bromomethane	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U
Carbon disulfide	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U
Carbon tetrachloride	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U
Chlorobenzene	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U
Chloroethane	0.4 U	0.4 U	0.4 U	0.4 U	0.33 U	0.4 U	0.4 U
Chloroform	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U
Chloromethane	0.3 U	0.3 U	0.4 U	0.4 U	0.3 U	0.3 U	0.3 U
cis-1,2-Dichloroethene	43	130	160	150	7.1 J	4.7	4.4
cis-1,3-Dichloropropene	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U
Dibromochloromethane	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U
Ethylbenzene	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
m,p-Xylenes	0.6 U	0.6 U	0.6 U	0.6 U	0.52 U	0.6 U	0.6 U
Methylene chloride	2.9 U	1.1 U	0.95 U	0.95 U	0.51 U	0.7 U	0.7 U
o-Xylene	0.3 U	0.3 U	0.3 U	0.3 U	0.24 U	0.3 U	0.3 U
Tetrachloroethene	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U
Toluene	0.36 U	0.36 U	0.36 U	7.1 S	0.36 U	0.36 U	0.36 U
trans-1,2-Dichloroethene	3.3	11	16	12	0.28 J	0.27 U	0.27 U
trans-1,3-Dichloropropene	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U
Trichloroethene	56	190	300 J	2.7	1.9 J	1.2	1.2
Trichlorofluoromethane	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U
Trichlorotrifluoroethane (Freon 113)	1.2 U	1.2 U	1.5 U	1.5 U	1.2 U	1.2 U	1.2 U
Vinyl chloride	0.26 U	0.26 U	1.2	31	0.26 U	0.26 U	0.26 U

See last page of Table IV for notes and abbreviations.

TABLE IV

SUMMARY OF RESULTS FOR VOLATILE ORGANIC COMPOUNDS
IN CHATSWORTH FORMATION WELLS, 2006
BOEING SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well Identifier	HAR-23	HAR-23	HAR-23	HAR-23	HAR-24	HAR-24	HAR-26
Sample Port	---	---	---	---	---	---	---
Sample Date	02/16/06	08/29/06	10/27/06	10/27/06	02/08/06	08/30/06	02/09/06
Sample Type	Primary	Primary	Primary	Dup	Primary	Primary	Primary
Sample Qualifier	---	---	---	---	---	---	---
Analysis Method	8260B	8260B	8260B	8260B	8260B	8260B	8260B
Laboratory	DMA	TA	TA	TA	DMA	TA	DMA
Compound (ug/l)							
1,1,1-Trichloroethane	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.6 U	0.3 U
1,1,2,2-Tetrachloroethane	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.48 U	0.24 U
1,1,2-Trichloroethane	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.6 U	0.3 U
1,1-Dichloroethane	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.54 U	0.27 U
1,1-Dichloroethene	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U	0.84 U	0.42 U
1,2-Dichlorobenzene	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.64 U	0.32 U
1,2-Dichloroethane	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.56 U	0.28 U
1,2-Dichloropropane	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.7 U	0.35 U
1,3-Dichlorobenzene	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.7 U	0.35 U
1,4-Dichlorobenzene	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U	0.74 U	0.37 U
1,4-Dioxane	---	---	---	---	---	---	---
2-Butanone	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U	7.6 U	3.8 U
2-Chloroethyl Vinyl Ether	---	---	---	---	---	---	---
2-Hexanone	2.6 U	2.6 U	2.6 U	2.6 U	2.6 U	5.2 U	2.6 U
4-Methyl-2-pentanone (MIBK)	2.5 U	3.5 U	3.5 U	3.5 U	2.5 U	7 U	2.5 U
Acetone	4.5 U	4.5 U	4.5 U	4.5 U	4.5 U	9 U	4.5 U
Benzene	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.56 U	0.28 U
Bromodichloromethane	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.6 U	0.3 U
Bromoform	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.64 U	0.32 U
Bromomethane	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U	0.84 U	0.42 U
Carbon disulfide	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.96 U	0.48 U
Carbon tetrachloride	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.56 U	0.28 U
Chlorobenzene	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U	0.72 U	0.36 U
Chloroethane	0.33 U	0.4 U	0.4 U	0.4 U	0.33 U	0.8 U	0.33 U
Chloroform	0.33 U	0.33 U	0.33 U	0.33 U	2.2	0.8 J	0.33 U
Chloromethane	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.6 U	0.3 U
cis-1,2-Dichloroethene	0.32 U	0.32 U	0.32 U	0.32 U	3.2	0.98 J	0.32 U
cis-1,3-Dichloropropene	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.44 U	0.22 U
Dibromochloromethane	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.56 U	0.28 U
Ethylbenzene	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.5 U	0.25 U
m,p-Xylenes	0.52 U	0.6 U	0.6 U	0.6 U	0.52 U	1.2 U	0.52 U
Methylene chloride	1 J,L	0.7 U	0.7 U	0.7 U	0.68 J,L	1.4 U	0.51 U
o-Xylene	0.24 U	0.3 U	0.3 U	0.3 U	0.24 U	0.6 U	0.24 U
Tetrachloroethene	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.64 U	0.32 U
Toluene	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U	0.72 U	0.36 U
trans-1,2-Dichloroethene	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.54 U	0.27 U
trans-1,3-Dichloropropene	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.64 U	0.32 U
Trichloroethene	1.4 J	1.5	1.4	1.6	160	97	0.26 U
Trichlorofluoromethane	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.68 U	0.34 U
Trichlorotrifluoroethane (Freon 113)	1.2 U	1.2 U	1.2 U	1.2 U	8.6	6.6 J	1.2 U
Vinyl chloride	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.52 U	0.26 U

See last page of Table IV for notes and abbreviations.

TABLE IV

SUMMARY OF RESULTS FOR VOLATILE ORGANIC COMPOUNDS
IN CHATSWORTH FORMATION WELLS, 2006
BOEING SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well Identifier	HAR-26	WS-04A	WS-04A	WS-05	WS-05	WS-05	WS-05
Sample Port	---	---	---	---	---	---	---
Sample Date	08/31/06	02/23/06	08/24/06	02/13/06	05/18/06	05/18/06	08/24/06
Sample Type	Primary	Primary	Primary	Primary	Primary	Dup	Primary
Sample Qualifier	---	---	---	---	---	---	---
Analysis Method	8260B	8260B	8260B	8260B	8260B	8260B	8260B
Laboratory	TA	DMA	TA	DMA	DMA	DMA	TA
Compound (ug/l)							
1,1,1-Trichloroethane	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U
1,1,2,2-Tetrachloroethane	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U
1,1,2-Trichloroethane	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U
1,1-Dichloroethane	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U
1,1-Dichloroethene	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U
1,2-Dichlorobenzene	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U
1,2-Dichloroethane	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U
1,2-Dichloropropane	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U
1,3-Dichlorobenzene	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U
1,4-Dichlorobenzene	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U
1,4-Dioxane	---	---	---	2.2	2.3	---	2.5
2-Butanone	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U
2-Chloroethyl Vinyl Ether	---	---	---	---	---	---	---
2-Hexanone	2.6 U	2.6 U	2.6 U	2.6 U	2.6 U	2.6 U	2.6 U
4-Methyl-2-pentanone (MIBK)	3.5 U	2.5 U	3.5 U	2.5 U	3.5 U	3.5 U	3.5 U
Acetone	4.5 U	4.5 U	4.5 U	4.5 U	4.5 U	4.5 U	4.5 U
Benzene	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U
Bromodichloromethane	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U
Bromoform	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U
Bromomethane	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U
Carbon disulfide	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U
Carbon tetrachloride	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U
Chlorobenzene	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U
Chloroethane	0.4 U	0.33 U	0.4 U	0.33 U	0.4 U	0.4 U	0.4 U
Chloroform	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U
Chloromethane	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U
cis-1,2-Dichloroethene	0.32 U	0.32 U	0.32 U	2.6	2.2	1.9	2.3
cis-1,3-Dichloropropene	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U
Dibromochloromethane	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U
Ethylbenzene	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
m,p-Xylenes	0.6 U	0.52 U	0.6 U	0.52 U	0.6 U	0.6 U	0.6 U
Methylene chloride	0.7 U	0.51 U	0.71 U	0.51 U	0.7 U	0.7 U	0.7 U
o-Xylene	0.3 U	0.24 U	0.3 U	0.24 U	0.3 U	0.3 U	0.3 U
Tetrachloroethene	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U
Toluene	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U
trans-1,2-Dichloroethene	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U
trans-1,3-Dichloropropene	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U
Trichloroethene	0.26 U	0.26 U	0.26 U	0.82 J	0.65 J	0.58 J	0.8 J
Trichlorofluoromethane	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U
Trichlorotrifluoroethane (Freon 113)	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
Vinyl chloride	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U

See last page of Table IV for notes and abbreviations.

TABLE IV

SUMMARY OF RESULTS FOR VOLATILE ORGANIC COMPOUNDS
IN CHATSWORTH FORMATION WELLS, 2006
BOEING SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well Identifier	WS-05	WS-06	WS-06	WS-06	WS-06	WS-06	WS-09
Sample Port	---	---	---	---	---	---	---
Sample Date	11/07/06	06/01/06	08/16/06	08/16/06	08/16/06	11/09/06	06/01/06
Sample Type	Primary	Primary	Primary	Dup	Split	Primary	Primary
Sample Qualifier	---	---	---	---	---	---	---
Analysis Method	8260B	8260B	8260B	8260B	8260B	8260B	8260B
Laboratory	TA	DMA	TA	TA	STL-SA	TA	DMA
Compound (ug/l)							
1,1,1-Trichloroethane	0.3 U	0.3 U	0.3 U	0.3 U	0.41 U	0.3 U	120 U
1,1,2,2-Tetrachloroethane	0.24 U	0.24 U	0.24 U	0.24 U	0.37 U	0.24 U	96 U
1,1,2-Trichloroethane	0.3 U	0.3 U	0.3 U	0.3 U	0.31 U	0.3 U	120 U
1,1-Dichloroethane	0.27 U	0.27 U	0.27 U	0.27 U	0.1 U	0.27 U	110 U
1,1-Dichloroethene	0.42 U	0.42 U	0.42 U	0.42 U	0.36 U	0.42 U	170 U
1,2-Dichlorobenzene	0.32 U	0.32 U	0.32 U	0.32 U	0.14 U	0.32 U	130 U
1,2-Dichloroethane	0.28 U	0.28 U	0.28 U	0.28 U	0.22 U	0.28 U	110 U
1,2-Dichloropropane	0.35 U	0.35 U	0.35 U	0.35 U	0.15 U	0.35 U	140 U
1,3-Dichlorobenzene	0.35 U	0.35 U	0.35 U	0.35 U	0.11 U	0.35 U	140 U
1,4-Dichlorobenzene	0.37 U	0.37 U	0.37 U	0.37 U	0.13 U	0.37 U	150 U
1,4-Dioxane	2	0.76 J	1 U	---	---	1 U	10
2-Butanone	3.8 U	3.8 U	3.8 U	3.8 U	1 U	3.8 U	1500 U
2-Chloroethyl Vinyl Ether	---	---	---	---	---	---	---
2-Hexanone	2.6 U	2.6 U	2.6 U	2.6 U	1 U	2.6 U	1000 U
4-Methyl-2-pentanone (MIBK)	3.5 U	3.5 U	3.5 U	3.5 U	1 U	3.5 U	1400 U
Acetone	4.5 U	4.5 U	4.5 U	4.5 U	1 U	4.5 U	1800 U
Benzene	0.46 J,C	0.28 U	0.28 U	0.28 U	0.13 U	0.28 U	110 U
Bromodichloromethane	0.3 U	0.3 U	0.3 U	0.3 U	0.14 U	0.3 U	120 U
Bromoform	0.4 U	0.32 U	0.32 U	0.32 U	0.1 U	0.4 U	130 U
Bromomethane	0.42 U	0.42 U	0.42 U	0.42 U	0.08 U	0.42 U	170 U
Carbon disulfide	0.48 U	0.48 U	0.48 U	0.48 U	1 U	0.48 U	190 U
Carbon tetrachloride	0.28 U	0.28 U	0.28 U	0.28 U	0.15 U	0.28 U	110 U
Chlorobenzene	0.36 U	0.36 U	0.36 U	0.36 U	0.12 U	0.36 U	140 U
Chloroethane	0.4 U	0.4 U	0.4 U	0.4 U	0.34 U	0.4 U	160 U
Chloroform	0.33 U	0.33 U	0.33 U	0.33 U	0.12 U	0.33 U	130 U
Chloromethane	0.4 U	0.3 U	0.3 U	0.3 U	0.25 U	0.4 U	120 U
cis-1,2-Dichloroethene	2.1	63 J	66	72	64	67	1300
cis-1,3-Dichloropropene	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	88 U
Dibromochloromethane	0.28 U	0.28 U	0.28 U	0.28 U	0.4 U	0.28 U	110 U
Ethylbenzene	0.25 U	0.25 U	0.25 U	0.25 U	0.27 U	0.25 U	100 U
m,p-Xylenes	0.6 U	0.6 U	0.6 U	0.6 U	0.18 U	0.6 U	240 U
Methylene chloride	0.95 U	0.7 U	0.7 U	0.7 U	0.35 U	0.95 U	280 U
o-Xylene	0.3 U	0.3 U	0.3 U	0.3 U	0.1 U	0.3 U	120 U
Tetrachloroethene	0.32 U	0.32 U	0.32 U	0.32 U	0.38 U	0.32 U	130 U
Toluene	0.36 U	0.36 U	0.36 U	0.36 U	0.25 U	0.36 U	140 U
trans-1,2-Dichloroethene	0.27 U	6.9	6.6	7.4	8.5	6	110 U
trans-1,3-Dichloropropene	0.32 U	0.32 U	0.32 U	0.32 U	0.3 U	0.32 U	130 U
Trichloroethene	0.66 J	3	3.7	3.7	3.7	9.7	27000
Trichlorofluoromethane	0.34 U	0.34 U	0.34 U	0.34 U	0.23 U	0.34 U	140 U
Trichlorotrifluoroethane (Freon 113)	1.5 U	1.2 U	1.2 U	1.2 U	1 U	1.5 U	480 U
Vinyl chloride	0.3 U	2.6	2.6	2.7	3.2	2.4	100 U

See last page of Table IV for notes and abbreviations.

TABLE IV

SUMMARY OF RESULTS FOR VOLATILE ORGANIC COMPOUNDS
IN CHATSWORTH FORMATION WELLS, 2006
BOEING SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well Identifier	WS-09	WS-09	WS-09	WS-09A	WS-09A	WS-09A	WS-09A
Sample Port	---	---	---	---	---	---	---
Sample Date	08/16/06	08/16/06	11/08/06	05/30/06	08/22/06	08/22/06	11/09/06
Sample Type	Primary	Split	Primary	Primary	Primary	Dup	Primary
Sample Qualifier	---	---	---	---	---	---	---
Analysis Method	8260B	8260SIM	8260B	8260B	8260B	8260B	8260B
Laboratory	TA	TA	TA	DMA	TA	TA	TA
Compound (ug/l)							
1,1,1-Trichloroethane	60 U	---	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U
1,1,2,2-Tetrachloroethane	48 U	---	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U
1,1,2-Trichloroethane	60 U	---	0.44 J	0.3 U	0.3 U	0.3 U	0.3 U
1,1-Dichloroethane	54 U	---	0.63 J	0.27 U	0.27 U	0.27 U	0.27 U
1,1-Dichloroethene	84 U	---	12	0.42 U	0.42 U	0.42 U	0.42 U
1,2-Dichlorobenzene	64 U	---	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U
1,2-Dichloroethane	56 U	---	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U
1,2-Dichloropropane	70 U	---	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U
1,3-Dichlorobenzene	70 U	---	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U
1,4-Dichlorobenzene	74 U	---	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U
1,4-Dioxane	7.8	18 J	5.5	---	1 U	---	1 U
2-Butanone	760 U	---	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U
2-Chloroethyl Vinyl Ether	---	---	---	---	---	---	---
2-Hexanone	520 U	---	2.6 U	2.6 U	2.6 U	2.6 U	2.6 U
4-Methyl-2-pentanone (MIBK)	700 U	---	3.5 U	3.5 U	3.5 U	3.5 U	3.5 U
Acetone	900 U	---	4.5 U	4.5 U	4.5 U	4.5 U	4.5 U
Benzene	56 U	---	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U
Bromodichloromethane	60 U	---	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U
Bromoform	64 U	---	0.4 U	0.32 U	0.32 U	0.32 U	0.4 U
Bromomethane	84 U	---	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U
Carbon disulfide	96 U	---	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U
Carbon tetrachloride	56 U	---	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U
Chlorobenzene	72 U	---	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U
Chloroethane	80 U	---	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
Chloroform	78 J	---	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U
Chloromethane	60 U	---	0.4 U	0.3 U	0.3 U	0.3 U	0.4 U
cis-1,2-Dichloroethene	720	---	1000	1.3	1.8	1.8	2.9
cis-1,3-Dichloropropene	44 U	---	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U
Dibromochloromethane	56 U	---	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U
Ethylbenzene	50 U	---	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
m,p-Xylenes	120 U	---	0.6 U	0.6 U	0.6 U	0.6 U	0.6 U
Methylene chloride	140 J	---	0.95 U	0.7 U	0.92 U	0.92 U	0.95 U
o-Xylene	60 U	---	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U
Tetrachloroethene	64 U	---	1.4	0.32 U	0.32 U	0.32 U	0.32 U
Toluene	72 U	---	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U
trans-1,2-Dichloroethene	54 U	---	16	0.27 U	0.35 J	0.36 J	0.7 J
trans-1,3-Dichloropropene	64 U	---	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U
Trichloroethene	19000	---	24000	0.99 J	0.76 J	0.75 J	0.7 J
Trichlorofluoromethane	68 U	---	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U
Trichlorotrifluoroethane (Freon 113)	240 U	---	1.5 U	1.2 U	1.2 U	1.2 U	1.5 U
Vinyl chloride	52 U	---	0.96	0.26 U	0.26 U	0.26 U	0.3 U

See last page of Table IV for notes and abbreviations.

TABLE IV

SUMMARY OF RESULTS FOR VOLATILE ORGANIC COMPOUNDS
IN CHATSWORTH FORMATION WELLS, 2006
BOEING SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well Identifier	OS-02	OS-04	OS-09	OS-09	OS-16	OS-17	OS-17
Sample Port	---	---	---	---	---	---	---
Sample Date	02/22/06	02/22/06	02/23/06	09/01/06	02/27/06	02/21/06	08/31/06
Sample Type	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Sample Qualifier	---	---	---	---	---	---	---
Analysis Method	8260B	8260B	8260B	8260B	8260B	8260B	8260B
Laboratory	DMA	DMA	DMA	TA	DMA	DMA	TA
Compound (ug/l)							
1,1,1-Trichloroethane	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U
1,1,2,2-Tetrachloroethane	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U
1,1,2-Trichloroethane	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U
1,1-Dichloroethane	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U
1,1-Dichloroethene	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U
1,2-Dichlorobenzene	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U
1,2-Dichloroethane	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U
1,2-Dichloropropane	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U
1,3-Dichlorobenzene	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U
1,4-Dichlorobenzene	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U
1,4-Dioxane	---	---	---	---	---	---	---
2-Butanone	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U
2-Chloroethyl Vinyl Ether	---	---	---	---	---	---	---
2-Hexanone	2.6 U	2.6 U	2.6 U	2.6 U	2.6 U	2.6 U	2.6 U
4-Methyl-2-pentanone (MIBK)	2.5 U	2.5 U	2.5 U	3.5 U	2.5 U	2.5 U	3.5 U
Acetone	4.5 U	4.5 U	4.5 U	4.5 U	4.5 U	4.5 U	4.5 U
Benzene	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U
Bromodichloromethane	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U
Bromoform	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U
Bromomethane	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U
Carbon disulfide	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U
Carbon tetrachloride	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U
Chlorobenzene	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U
Chloroethane	0.33 U	0.33 U	0.33 U	0.4 U	0.33 U	0.33 U	0.4 U
Chloroform	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U
Chloromethane	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U
cis-1,2-Dichloroethene	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U
cis-1,3-Dichloropropene	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U
Dibromochloromethane	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U
Ethylbenzene	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
m,p-Xylenes	0.52 U	0.52 U	0.52 U	0.6 U	0.52 U	0.52 U	0.6 U
Methylene chloride	0.51 U	0.51 U	0.51 U	0.7 U	0.51 U	0.51 U	0.7 U
o-Xylene	0.24 U	0.24 U	0.24 U	0.3 U	0.24 U	0.24 U	0.3 U
Tetrachloroethene	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U
Toluene	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U
trans-1,2-Dichloroethene	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U
trans-1,3-Dichloropropene	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U
Trichloroethene	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U
Trichlorofluoromethane	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U
Trichlorotrifluoroethane (Freon 113)	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
Vinyl chloride	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U

See last page of Table IV for notes and abbreviations.

TABLE IV
SUMMARY OF RESULTS FOR VOLATILE ORGANIC COMPOUNDS
IN CHATSWORTH FORMATION WELLS, 2006
BOEING SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well Identifier	OS-26	OS-26	OS-27	OS-28	OS-28
Sample Port	---	---	---	---	---
Sample Date	02/27/06	08/29/06	08/31/06	02/21/06	08/31/06
Sample Type	Primary	Primary	Primary	Primary	Primary
Sample Qualifier	---	---	---	---	---
Analysis Method	8260B	8260B	8260B	8260B	8260B
Laboratory	DMA	TA	TA	DMA	TA
Compound (ug/l)					
1,1,1-Trichloroethane	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U
1,1,2,2-Tetrachloroethane	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U
1,1,2-Trichloroethane	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U
1,1-Dichloroethane	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U
1,1-Dichloroethene	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U
1,2-Dichlorobenzene	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U
1,2-Dichloroethane	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U
1,2-Dichloropropane	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U
1,3-Dichlorobenzene	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U
1,4-Dichlorobenzene	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U
1,4-Dioxane	---	---	---	---	---
2-Butanone	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U
2-Chloroethyl Vinyl Ether	---	---	---	---	---
2-Hexanone	2.6 U	2.6 U	2.6 U	2.6 U	2.6 U
4-Methyl-2-pentanone (MIBK)	2.5 U	3.5 U	3.5 U	2.5 U	3.5 U
Acetone	4.5 U	4.5 U	4.5 U	4.5 U	4.5 U
Benzene	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U
Bromodichloromethane	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U
Bromoform	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U
Bromomethane	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U
Carbon disulfide	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U
Carbon tetrachloride	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U
Chlorobenzene	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U
Chloroethane	0.33 U	0.4 U	0.4 U	0.33 U	0.4 U
Chloroform	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U
Chloromethane	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U
cis-1,2-Dichloroethene	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U
cis-1,3-Dichloropropene	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U
Dibromochloromethane	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U
Ethylbenzene	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
m,p-Xylenes	0.52 U	0.6 U	0.6 U	0.52 U	0.6 U
Methylene chloride	0.51 U	0.7 U	0.7 U	0.51 U	0.7 U
o-Xylene	0.24 U	0.3 U	0.3 U	0.24 U	0.3 U
Tetrachloroethene	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U
Toluene	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U
trans-1,2-Dichloroethene	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U
trans-1,3-Dichloropropene	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U
Trichloroethene	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U
Trichlorofluoromethane	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U
Trichlorotrifluoroethane (Freon 113)	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
Vinyl chloride	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U

See last page of Table IV for notes and abbreviations.

1.	DMA	=	Del Mar Analytical of Irvine, California and Phoenix, Arizona.
2.	STL-SA	=	Severn Trent Laboratories of Sacramento, California.
3.	TA	=	TestAmerica of Irvine, California, formerly Del Mar Analytical.
4.	(---)	=	Analysis not performed.
5.	ug/l	=	Micrograms per liter.
6.	Primary	=	Primary sample.
7.	Dup	=	Duplicate sample.
8.	Split	=	Split sample.
9.	C	=	Possible carry-over contaminant.
10.	F	=	Sampled through multi-level FLUTe ports.
11.	J	=	Estimated value. Analyte detected at a level less than the Reporting Limit (RL) and greater than or equal to the Method Detection Limit (MDL), or concentration estimated due to analytical quality control deficiencies (see Appendix D for details).
12.	L	=	Laboratory contaminant.
13.	R	=	Rejected result.
14.	S	=	Suspect result. Third Quarter 2006 RD-36C and RD-36D samples may have been misidentified either in the field or at the laboratory.
15.	U	=	Not detected; numerical value represents the Method Detection Limit for that compound.
16.	UJ	=	Not detected. Estimated detection limit as a result of analytical quality control deficiencies (see Appendix D for details).
17.	Z	=	FLUTe sample port number.

18. During the first and second quarters, low level 1,4-dioxane analyses were performed on primary samples by Del Mar Analytical of Phoenix, Arizona, and on split samples by Del Mar Analytical of Irvine, California, using modified EPA method 8260SIM.

19. During the third and fourth quarters, low level 1,4-dioxane analyses were performed on primary and duplicate samples by TestAmerica of Irvine, California, and on split samples by TestAmerica of Phoenix, Arizona using modified EPA method 8260SIM.

20. The 12/15/06 RD-62 split 8260B sample was analyzed by TestAmerica of Phoenix, Arizona.

TABLE V

SUMMARY OF ANALYSES FOR FUEL HYDROCARBONS, 2006
BOEING SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well Identifier		PZ-048	PZ-071	RS-30	RS-30	RS-31	RS-31	RS-32	RS-32
Sample Date		08/17/06	05/26/06	05/11/06	08/08/06	05/11/06	08/08/06	05/11/06	08/08/06
Sample Type		Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Sample Qualifier		---	---	---	---	---	---	---	---
Analysis Method		8015M	8015M	8015M	8015M	8015M	8015M	8015M	8015M
Laboratory		TA	TA	DMA	TA	DMA	TA	DMA	TA
Analyte	Units								
Extractable Fuel Hydrocarbons (C8-C11)	mg/l	0.046 J	0.043 U	---	---	---	---	---	---
Extractable Fuel Hydrocarbons (C12-C14)	mg/l	0.058 J	0.043 U	---	---	---	---	---	---
Extractable Fuel Hydrocarbons (C15-C20)	mg/l	0.11 J	0.043 U	---	---	---	---	---	---
Extractable Fuel Hydrocarbons (C21-C30)	mg/l	0.042 U	0.043 U	---	---	---	---	---	---
Extractable Fuel Hydrocarbons (C8-C30)	mg/l	0.25 U	0.077 J	---	---	---	---	---	---
Gasoline Range Organics (C6-C12)	ug/l	---	---	690	1000	36 U	26 J	100 U	51

See last page of Table V for notes and abbreviations.

TABLE V
SUMMARY OF ANALYSES FOR FUEL HYDROCARBONS, 2006
BOEING SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well Identifier		HAR-11	RD-32	RD-32	RD-32	RD-32	RD-32	RD-36A	RD-36B
Sample Date		02/23/06	02/21/06	08/03/06	11/03/06	11/03/06	11/03/06	09/01/06	05/18/06
Sample Type		Primary	Primary	Primary	Primary	Dup	Split	Primary	Primary
Sample Qualifier		---	---	---	---	---	---	---	---
Analysis Method		8015M	8015M	8015M	8015B	8015B	8015B	8015M	8015M
Laboratory		DMA	DMA	TA	TA	TA	TA	TA	TA
Analyte	Units								
Extractable Fuel Hydrocarbons (C8-C11)	mg/l	---	---	---	---	---	---	---	---
Extractable Fuel Hydrocarbons (C12-C14)	mg/l	---	---	---	---	---	---	---	---
Extractable Fuel Hydrocarbons (C15-C20)	mg/l	---	---	---	---	---	---	---	---
Extractable Fuel Hydrocarbons (C21-C30)	mg/l	---	---	---	---	---	---	---	---
Extractable Fuel Hydrocarbons (C8-C30)	mg/l	---	---	---	---	---	---	---	---
Gasoline Range Organics (C6-C12)	ug/l	24 U	24 U	28 J	30 U	36 U	26 U	25 U	54 U

See last page of Table V for notes and abbreviations.

TABLE V
SUMMARY OF ANALYSES FOR FUEL HYDROCARBONS, 2006
BOEING SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well Identifier		RD-36B	RD-36C	RD-36C	RD-36C	RD-36D	RD-36D	RD-36D	RD-37
Sample Date		08/04/06	05/19/06	08/22/06	11/13/06	05/18/06	08/22/06	11/10/06	02/20/06
Sample Type		Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Sample Qualifier		---	---	S	---	---	S	---	---
Analysis Method		8015M	8015M	8015M	8015B	8015M	8015M	8015B	8015M
Laboratory		TA	DMA	TA	TA	TA	TA	TA	DMA
Analyte	Units								
Extractable Fuel Hydrocarbons (C8-C11)	mg/l	---	---	---	---	---	---	---	---
Extractable Fuel Hydrocarbons (C12-C14)	mg/l	---	---	---	---	---	---	---	---
Extractable Fuel Hydrocarbons (C15-C20)	mg/l	---	---	---	---	---	---	---	---
Extractable Fuel Hydrocarbons (C21-C30)	mg/l	---	---	---	---	---	---	---	---
Extractable Fuel Hydrocarbons (C8-C30)	mg/l	---	---	---	---	---	---	---	---
Gasoline Range Organics (C6-C12)	ug/l	29 J,W	38 U	25 U,S	39 J,W	31 U	42 J,S	25 U	24 U

See last page of Table V for notes and abbreviations.

TABLE V

SUMMARY OF ANALYSES FOR FUEL HYDROCARBONS, 2006
BOEING SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well Identifier		RD-37	RD-38A	RD-38A	RD-38B	RD-38B	RD-38B	RD-38B	RD-38B
Sample Date		08/03/06	05/17/06	08/23/06	02/21/06	08/23/06	11/15/06	11/15/06	11/15/06
Sample Type		Primary	Primary	Primary	Primary	Primary	Primary	Dup	Split
Sample Qualifier		---	---	---	---	---	---	---	---
Analysis Method		8015M	8015M	8015M	8015M	8015M	8015B	8015B	8015B
Laboratory		TA	DMA	TA	DMA	TA	TA	TA	TA
Analyte	Units								
Extractable Fuel Hydrocarbons (C8-C11)	mg/l	---	---	---	---	---	---	---	---
Extractable Fuel Hydrocarbons (C12-C14)	mg/l	---	---	---	---	---	---	---	---
Extractable Fuel Hydrocarbons (C15-C20)	mg/l	---	---	---	---	---	---	---	---
Extractable Fuel Hydrocarbons (C21-C30)	mg/l	---	---	---	---	---	---	---	---
Extractable Fuel Hydrocarbons (C8-C30)	mg/l	---	---	---	---	---	---	---	---
Gasoline Range Organics (C6-C12)	ug/l	25 U	150 W	160 W	24 U	25 J	25 U	25 U	21 U

See last page of Table V for notes and abbreviations.

TABLE V

SUMMARY OF ANALYSES FOR FUEL HYDROCARBONS, 2006
BOEING SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well Identifier		RD-45B	RD-51B	RD-53	RD-53	RD-60	RD-73	RD-80	RD-81
Sample Date		11/16/06	11/07/06	05/19/06	08/24/06	02/07/06	05/09/06	11/08/06	05/25/06
Sample Type		Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Sample Qualifier		---	---	---	---	---	---	---	---
Analysis Method		8015B	8015B	8015M	8015M	8015M	8015M	8015B	8015M
Laboratory		TA	TA	DMA	TA	DMA	DMA	TA	DMA
Analyte	Units								
Extractable Fuel Hydrocarbons (C8-C11)	mg/l	0.043 U	0.043 U	---	---	---	---	0.043 U	0.042 U
Extractable Fuel Hydrocarbons (C12-C14)	mg/l	0.043 U	0.043 U	---	---	---	---	0.043 U	0.042 U
Extractable Fuel Hydrocarbons (C15-C20)	mg/l	0.043 U	0.043 U	---	---	---	---	0.043 U	0.042 U
Extractable Fuel Hydrocarbons (C21-C30)	mg/l	0.043 U	0.043 U	---	---	---	---	0.043 U	0.042 U
Extractable Fuel Hydrocarbons (C8-C30)	mg/l	0.043 U	0.043 U	---	---	---	---	0.043 U	0.042 U
Gasoline Range Organics (C6-C12)	ug/l	---	---	110 U	130 W	200 W	5900	---	---

See last page of Table V for notes and abbreviations.

TABLE V
SUMMARY OF ANALYSES FOR FUEL HYDROCARBONS, 2006
BOEING SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well Identifier		RD-82	RD-83	HAR-16	HAR-24
Sample Date		05/24/06	05/18/06	08/17/06	08/30/06
Sample Type		Primary	Primary	Primary	Primary
Sample Qualifier		---	---	---	---
Analysis Method		8015M	8015M	8015M	8015M
Laboratory		TA	TA	TA	TA
Analyte	Units				
Extractable Fuel Hydrocarbons (C8-C11)	mg/l	0.042 U	0.042 U	0.042 U	0.042 U
Extractable Fuel Hydrocarbons (C12-C14)	mg/l	0.042 U	0.042 U	0.042 U	0.042 U
Extractable Fuel Hydrocarbons (C15-C20)	mg/l	0.042 U	0.042 U	0.042 U	0.042 U
Extractable Fuel Hydrocarbons (C21-C30)	mg/l	0.042 U	0.042 U	0.042 U	0.042 U
Extractable Fuel Hydrocarbons (C8-C30)	mg/l	0.042 U	0.058 U	0.059 U	0.061 U
Gasoline Range Organics (C6-C12)	ug/l	---	---	---	---

See last page of Table V for notes and abbreviations.

TABLE V
NOTES AND ABBREVIATIONS

1.	DMA	=	Del Mar Analytical of Irvine, California.
2.	TA	=	TestAmerica of Irvine, California, formerly Del Mar Analytical.
3.	ug/l	=	Micrograms per liter.
4.	mg/l	=	Milligrams per liter.
5.	J	=	Estimated value. Analyte detected at a level less than the Reporting Limit (RL) and greater than or equal to the Method Detection Limit (MDL).
6	S	=	Suspect result. Third quarter 2006 RD-36C and RD-36D samples may have been misidentified either in the field or at the laboratory.
7.	U	=	Not detected; numerical value represents the Method Detection Limit for that compound.
8.	W	=	Hydrocarbon result partly due to contributions of constituents such as trichloroethene in quantitation range.

TABLE VI

SUMMARY OF ANALYSES FOR TRACE METAL CONSTITUENTS AND CYANIDE, 2006
BOEING SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well Identifier			PZ-017A	PZ-020	PZ-045	PZ-056	PZ-071	PZ-071	PZ-071	PZ-114
Sample Port			---	---	---	---	---	---	---	---
Sample Date			11/28/06	08/18/06	08/17/06	03/16/06	05/26/06	08/18/06	11/29/06	08/21/06
Sample Type			Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Sample Filtered*			Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Laboratory			TA	TA	TA	DMA	TA	TA	TA	TA
Compound	Units	MCL								
Antimony	mg/l	0.006	0.00032 U	0.000053 J	0.00021 J	0.00023 UJ	0.00005 U	0.000067 J	0.00011 U	0.00032 J
Arsenic	mg/l	0.05	0.00074 J	0.0005 U	0.0005 U	0.002	0.0026	0.004	0.005	0.0005 U
Barium	mg/l	1	0.024	0.04	0.022	0.0063	0.053	0.052	0.051	0.012
Beryllium	mg/l	0.004	0.000075 U	0.000075 U	0.000075 U	0.000075 U	0.000075 U	0.000075 U	0.000075 U	0.000075 U
Cadmium	mg/l	0.005	0.00054 J	0.000093 J	0.0001 J	0.000029 J	0.000025 U	0.000025 U	0.000057 J	0.000053 J
Chromium	mg/l	0.05	0.00056 U	0.00056 U	0.0007 J	0.00082 J	0.00056 U	0.00056 U	0.00056 U	0.00056 U
Hexavalent chromium	mg/l	0.05	---	---	---	---	---	---	---	---
Cobalt	mg/l	NA	0.00068 J	0.00033 J	0.0024	0.00023 J	0.00039 J	0.00065 J	0.00033 J	0.00083 J
Copper	mg/l	1 SMCL	0.017	0.00072 J	0.0011 J	0.0033	0.00054 J	0.00056 J	0.0017 J	0.00083 J
Cyanide	mg/l	0.15	---	---	---	---	---	---	---	---
Iron	mg/l	0.30 SMCL	0.068	0.015 U	0.25	0.015 U	2.8	3.8	4.1	0.015 U
Lead	mg/l	0.015 ECAL	0.0015	0.000055 U	0.000051 U	0.00004 U	0.00013 J	0.000059 U	0.00012 J	0.000056 J
Manganese	mg/l	0.5 NL	1.1	0.0028	0.092	0.0024	1.9	1.8	1.6	0.0023
Mercury	mg/l	0.002	0.00005 U	0.00005 U	0.000073 UJ	0.000063 UJ	0.00005 U	0.00005 U	0.00005 U	0.00005 U
Molybdenum	mg/l	NA	0.0041	0.0005 J	0.0011 J	0.0039	0.0031	0.0046	0.0061	0.011
Nickel	mg/l	0.1	0.0028	0.0019 J	0.0044	0.0013 J	0.0021	0.002	0.0039	0.0033 U
Selenium	mg/l	0.05	0.00035 J	0.00059 J	0.00086 J	0.0009 J	0.0003 U	0.00066 J	0.00036 J	0.0026
Silver	mg/l	0.10 SMCL	0.000025 U	0.000025 U	0.000025 U	0.000025 U	0.000025 U	0.000029 U	0.000025 U	0.000025 U
Thallium	mg/l	0.002	0.00015 U	0.00015 U	0.00015 U	0.00015 U	0.00015 U	0.00015 U	0.00015 U	0.00015 U
Vanadium	mg/l	0.05 NL	0.0007 U	0.0007 U	0.0007 U	0.0031 UJ	0.0007 U	0.0007 U	0.0007 U	0.0012 J
Zinc	mg/l	5 SMCL	0.067	0.0044 U	0.0052 U	0.0027 J	0.02	0.0024 U	0.052	0.0031 U

See last page of Table VI for notes and abbreviations.

TABLE VI

SUMMARY OF ANALYSES FOR TRACE METAL CONSTITUENTS AND CYANIDE, 2006
BOEING SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well Identifier			PZ-126	RS-08	RS-18	RS-20	RS-20	RS-54	HAR-04	HAR-04
Sample Port			---	---	---	---	---	---	---	---
Sample Date			11/27/06	08/31/06	02/20/06	09/01/06	11/02/06	02/21/06	08/24/06	11/15/06
Sample Type			Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Sample Filtered*			Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Laboratory			TA	TA	DMA	TA	TA	DMA	TA	TA
Compound	Units	MCL								
Antimony	mg/l	0.006	0.00029 U	0.00051 J	0.0012 J	0.00011 J	0.000059 J	0.00012 U	0.000066 J	0.00027 J
Arsenic	mg/l	0.05	0.0005 U	0.001 U	0.0005 U	0.0005 U	0.0005 U	0.00051 J	0.0005 U	0.00061 J
Barium	mg/l	1	0.032	0.07	0.1	0.019	0.017	0.072	0.027	0.039
Beryllium	mg/l	0.004	0.000075 U	0.00015 U	0.000075 U	0.000075 U	0.000075 U	0.000075 U	0.000075 U	0.000075 U
Cadmium	mg/l	0.005	0.00013 J	0.00017 J	0.00006 J	0.0008 J	0.00044 J	0.0027	0.000025 U	0.000037 J
Chromium	mg/l	0.05	0.00056 U	0.0011 U	0.00058 U	0.00056 U	0.00056 U	0.00099 J	0.00056 U	0.0011 J
Hexavalent chromium	mg/l	0.05	---	---	---	---	---	---	---	---
Cobalt	mg/l	NA	0.00036 J	0.001 J	0.0091	0.00047 J	0.00055 J	0.21	0.00008 J	0.000081 J
Copper	mg/l	1 SMCL	0.021	0.0026 J	0.0011 J	0.0073	0.0026	0.045	0.0008 J	0.00064 J
Cyanide	mg/l	0.15	---	---	---	---	---	---	---	---
Iron	mg/l	0.30 SMCL	0.015 U	0.018 J	0.015 U	0.015 U	0.24	0.044	0.015 U	0.015 U
Lead	mg/l	0.015 ECAL	0.00052 J	0.00045 J	0.00004 U	0.00017 J	0.00004 U	0.00042 J	0.000049 J	0.000076 J
Manganese	mg/l	0.5 NL	0.62	0.3	0.0024	0.04	0.056	0.49	0.0005 U	0.0005 U
Mercury	mg/l	0.002	0.00005 U	0.00005 U	0.000063 U	0.00005 U	0.00005 U	0.000063 U	0.00005 U	0.00005 U
Molybdenum	mg/l	NA	0.017	0.0059	0.0018 J	0.00026 J	0.00022 J	0.067	0.0011 J	0.0015 J
Nickel	mg/l	0.1	0.0034	0.0032 J	0.087	0.0021	0.0018 J	0.76	0.00035 U	0.00046 J
Selenium	mg/l	0.05	0.00096 J	0.0019 J	0.0081	0.00033 J	0.0003 U	0.0027	0.0003 U	0.0003 U
Silver	mg/l	0.10 SMCL	0.000025 U	0.00005 U	0.000025 U	0.000025 U	0.000025 U	0.000025 U	0.000025 U	0.000025 U
Thallium	mg/l	0.002	0.00015 U	0.0003 U	0.00015 U	0.00015 U	0.00015 U	0.00015 U	0.00015 U	0.00015 U
Vanadium	mg/l	0.05 NL	0.0022	0.0032 J	0.002	0.0007 U	0.0007 U	0.0013 J	0.00087 J	0.0011 J
Zinc	mg/l	5 SMCL	0.046	0.022 U	0.001 U	0.11	0.0095 U	0.095	0.003 U	0.0025 J

See last page of Table VI for notes and abbreviations.

TABLE VI

SUMMARY OF ANALYSES FOR TRACE METAL CONSTITUENTS AND CYANIDE, 2006
BOEING SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well Identifier			HAR-11	HAR-11	HAR-15	HAR-27	HAR-29	RD-01	RD-09	RD-10
Sample Port			---	---	---	---	---	---	---	---
Sample Date			08/25/06	10/27/06	09/01/06	08/24/06	08/29/06	08/16/06	08/10/06	11/07/06
Sample Type			Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Sample Filtered*			Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Laboratory			TA	TA	TA	TA	TA	TA	TA	TA
Compound	Units	MCL								
Antimony	mg/l	0.006	0.0002 J	0.00018 J	0.00024 J	0.00035 J	0.0012 J	0.000082 J	0.00017 J	0.00022 U
Arsenic	mg/l	0.05	0.0022 J	0.0037	0.003	0.04	0.00085 J	0.0005 U	0.0005 U	0.0005 U
Barium	mg/l	1	0.09	0.098	0.017	0.1	0.08	0.051	0.046	0.068
Beryllium	mg/l	0.004	0.000075 U	0.000075 U	0.000075 U	0.000075 U	0.000075 U	0.000075 U	0.000075 U	0.000075 U
Cadmium	mg/l	0.005	0.00027 J	0.00034 J	0.000093 J	0.000031 J	0.00013 J	0.000025 U	0.000025 U	0.000025 U
Chromium	mg/l	0.05	0.00056 U	0.00056 U	0.0017 U	0.00056 U	0.00056 U	0.00056 U	0.00056 U	0.00063 J
Hexavalent chromium	mg/l	0.05	---	---	---	---	---	---	---	---
Cobalt	mg/l	NA	0.0011	0.0032	0.0004 J	0.0007 J	0.00032 J	0.00044 J	0.00087 J	0.0002 J
Copper	mg/l	1 SMCL	0.0038	0.0047	0.0026	0.00043 J	0.0017 J	0.0022	0.00068 J	0.0019 J
Cyanide	mg/l	0.15	---	---	---	---	---	---	---	---
Iron	mg/l	0.30 SMCL	0.015 U	0.015 J	1.2	4.8	0.015 U	0.21	0.95	0.015 J
Lead	mg/l	0.015 ECAL	0.00014 J	0.00004 U	0.0018	0.00016 J	0.000082 J	0.00021 U	0.00043 J	0.0026
Manganese	mg/l	0.5 NL	1.2	5.1	0.05	4.5	0.019	0.021	0.18	0.0032 J
Mercury	mg/l	0.002	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U
Molybdenum	mg/l	NA	0.002	0.0036	0.0032	0.0028	0.0027	0.00087 J	0.00077 J	0.00094 U
Nickel	mg/l	0.1	0.0064	0.0048	0.0037	0.0017 J	0.0033	0.0017 J	0.004	0.0018 J
Selenium	mg/l	0.05	0.00085 J	0.0014 J	0.0003 U	0.001 J	0.0055	0.00039 J	0.0015 J	0.0027
Silver	mg/l	0.10 SMCL	0.000025 U	0.000025 U	0.000025 U	0.000025 U	0.000025 U	0.000025 U	0.000025 U	0.000073 U
Thallium	mg/l	0.002	0.00015 U	0.00015 U	0.00015 U	0.00022 J	0.00015 U	0.00015 U	0.00015 U	0.00015 U
Vanadium	mg/l	0.05 NL	0.0024	0.0014 J	0.0069	0.003	0.018	0.0007 U	0.0007 U	0.0007 U
Zinc	mg/l	5 SMCL	0.005 U	0.01 U	0.01 U	0.0028 U	0.0058 U	0.11	0.58	0.83

See last page of Table VI for notes and abbreviations.

TABLE VI

SUMMARY OF ANALYSES FOR TRACE METAL CONSTITUENTS AND CYANIDE, 2006
BOEING SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well Identifier			RD-14	RD-15	RD-15	RD-21	RD-21	RD-22	RD-23	RD-23
Sample Port			---	---	---	Z2	Z2	Z2	Z3	Z3
Sample Date			03/16/06	02/16/06	08/08/06	02/16/06	08/16/06	02/15/06	02/17/06	08/17/06
Sample Type			Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Sample Filtered*			Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Laboratory			DMA	DMA	TA	DMA	TA	DMA	DMA	TA
Compound	Units	MCL								
Antimony	mg/l	0.006	0.00014 UJ	0.00036 J	0.00049 J	0.00024 J	0.000065 J	0.00005 U	0.00041 J	0.00012 J
Arsenic	mg/l	0.05	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0028	0.0018
Barium	mg/l	1	0.053	0.054	0.054	0.049	0.044	0.058	0.038	0.032
Beryllium	mg/l	0.004	0.000075 U	0.000075 U	0.000075 U	0.000075 U	0.000075 U	0.000075 U	0.000075 U	0.000075 U
Cadmium	mg/l	0.005	0.00003 J	0.000025 U	0.000029 U	0.000025 U	0.000025 U	0.000025 U	0.000025 U	0.000025 U
Chromium	mg/l	0.05	0.00056 U	0.00088 J	0.00076 J	0.00086 J	0.00056 U	0.00057 J	0.00093 J	0.00056 U
Hexavalent chromium	mg/l	0.05	---	---	---	---	---	---	---	---
Cobalt	mg/l	NA	0.0027	0.0036	0.0026	0.0019	0.00018 J	0.00039 J	0.00044 J	0.00043 J
Copper	mg/l	1 SMCL	0.0015 J	0.0012 J	0.0015 J	0.0021	0.00076 J	0.002	0.0012 J	0.00079 J
Cyanide	mg/l	0.15	---	---	---	---	---	0.017 U	---	---
Iron	mg/l	0.30 SMCL	1.4	0.94	0.17	0.015 U	0.015 U	0.32	0.015 U	0.015 U
Lead	mg/l	0.015 ECAL	0.00052 J	0.0003 J	0.00089 J	0.0007 J	0.00069 U	0.00004 U	0.0016	0.0003 U
Manganese	mg/l	0.5 NL	0.1	0.12	0.09	0.0056	0.0027	0.032	0.0013	0.009
Mercury	mg/l	0.002	0.000063 UJ	0.000063 U	0.00005 U	0.000063 U	0.00005 U	0.000063 U	0.000063 U	0.000055 UJ
Molybdenum	mg/l	NA	0.00063 UJ	0.0013 J	0.0019 J	0.0021	0.0019 J	0.0021	0.0024	0.002
Nickel	mg/l	0.1	0.0015 J	0.0014 J	0.0034	0.00035 U	0.0011 J	0.00035 U	0.0024	0.0037
Selenium	mg/l	0.05	0.001 J	0.0003 U	0.00082 J	0.0019 U	0.0025	0.0003 U	0.0003 U	0.00058 J
Silver	mg/l	0.10 SMCL	0.000025 U	0.000025 U	0.000025 U	0.000025 U	0.000025 U	0.000025 U	0.000025 U	0.000025 U
Thallium	mg/l	0.002	0.00015 U	0.00015 U	0.00016 J	0.00015 U	0.00015 U	0.00015 U	0.00015 U	0.00015 U
Vanadium	mg/l	0.05 NL	0.0007 U	0.0007 U	0.0007 U	0.0007 U	0.00086 J	0.0007 U	0.0007 U	0.0007 U
Zinc	mg/l	5 SMCL	0.5	0.57	0.44	0.027	0.017 U	0.0045 J	0.14	0.017 U

See last page of Table VI for notes and abbreviations.

TABLE VI

SUMMARY OF ANALYSES FOR TRACE METAL CONSTITUENTS AND CYANIDE, 2006
BOEING SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well Identifier			RD-33A	RD-33B	RD-33C	RD-34A	RD-34B	RD-34C	RD-35A	RD-41A
Sample Port			Z2	---	---	---	---	---	---	---
Sample Date			02/17/06	02/16/06	02/16/06	02/21/06	02/17/06	02/21/06	08/11/06	08/16/06
Sample Type			Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Sample Filtered*			Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Laboratory			DMA	DMA	DMA	DMA	DMA	DMA	TA	TA
Compound	Units	MCL								
Antimony	mg/l	0.006	0.00014 J	0.00012 J	0.000072 J	0.00012 U	0.00012 J	0.00011 J	0.00034 J	0.00013 J
Arsenic	mg/l	0.05	0.0017	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U
Barium	mg/l	1	0.054	0.07	0.093	0.035	0.098	0.066	0.035	0.067
Beryllium	mg/l	0.004	0.000075 U	0.000075 U	0.000075 U	0.000075 U	0.000075 U	0.000075 U	0.000075 U	0.000075 U
Cadmium	mg/l	0.005	0.000025 U	0.000045 J	0.000025 U	0.000025 U	0.000025 U	0.000025 U	0.000062 J	0.000048 J
Chromium	mg/l	0.05	0.00071 J	0.0041	0.00064 J	0.00073 U	0.00056 U	0.00056 U	0.0034	0.00056 U
Hexavalent chromium	mg/l	0.05	---	---	---	---	---	---	---	---
Cobalt	mg/l	NA	0.00088 J	0.0013	0.00016 J	0.0023	0.00021 J	0.00009 J	0.00041 J	0.00093 J
Copper	mg/l	1 SMCL	0.00077 J	0.021	0.00081 J	0.0011 J	0.00071 J	0.00027 J	0.0012 J	0.0036
Cyanide	mg/l	0.15	0.017 U	0.017 U	0.017 U	0.017 UJ	0.017 U	0.017 UJ	---	---
Iron	mg/l	0.30 SMCL	0.052	1.5	0.86	0.052	1.2	0.25	0.057	0.021
Lead	mg/l	0.015 ECAL	0.00004 U	0.0054	0.00004 J	0.000058 J	0.00011 J	0.00004 U	0.00081 J	0.0013
Manganese	mg/l	0.5 NL	0.02	0.14	0.078	0.056	0.081	0.017	0.0025	0.54 J
Mercury	mg/l	0.002	0.000063 U	0.000063 U	0.000063 U	0.000063 U	0.000063 U	0.000063 U	0.00005 U	0.00005 U
Molybdenum	mg/l	NA	0.0017 J	0.0026	0.0019 J	0.00031 J	0.0009 J	0.00069 J	0.0019 J	0.0018 J
Nickel	mg/l	0.1	0.00035 U	0.0022	0.00035 U	0.00079 J	0.00035 U	0.00035 U	0.0096	0.005
Selenium	mg/l	0.05	0.001 J	0.0003 U	0.0003 U	0.0013 J	0.00099 J	0.0003 U	0.0046	0.0015 J
Silver	mg/l	0.10 SMCL	0.000025 U	0.000025 U	0.000025 U	0.000025 U	0.000025 U	0.000025 U	0.000046 J	0.000025 U
Thallium	mg/l	0.002	0.00015 U	0.00015 U	0.00015 U	0.00015 U	0.00015 U	0.00015 U	0.00028 J	0.00015 U
Vanadium	mg/l	0.05 NL	0.0007 U	0.0007 U	0.0007 U	0.0007 U	0.0007 U	0.0007 U	0.0019 J	0.0007 U
Zinc	mg/l	5 SMCL	0.0059 J	1.5	0.26	1.5	3.2	0.074	0.53	10

See last page of Table VI for notes and abbreviations.

TABLE VI

SUMMARY OF ANALYSES FOR TRACE METAL CONSTITUENTS AND CYANIDE, 2006
BOEING SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well Identifier			RD-41A	RD-41B	RD-42	RD-42	RD-45B	RD-49A	RD-49A	RD-49B
Sample Port			---	---	---	---	---	---	---	---
Sample Date			11/09/06	05/11/06	08/09/06	11/01/06	11/16/06	08/10/06	11/07/06	05/11/06
Sample Type			Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Sample Filtered*			Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Laboratory			TA	DMA	TA	TA	TA	TA	TA	DMA
Compound	Units	MCL								
Antimony	mg/l	0.006	0.000077 U	0.00005 U	0.00027 J	0.00005 U	0.00025 J	0.00027 J	0.00034 U	0.00013 J
Arsenic	mg/l	0.05	0.0005 U	0.00067 J	0.0005 U	0.0005 U	0.00057 J	0.0005 U	0.00069 J	0.0005 U
Barium	mg/l	1	0.073	0.046	0.021	0.021	0.077	0.019	0.02	0.067
Beryllium	mg/l	0.004	0.000075 U	0.000075 U	0.000075 U	0.000075 U	0.000075 U	0.000075 U	0.000075 U	0.000075 U
Cadmium	mg/l	0.005	0.000025 U	0.000025 U	0.000056 U	0.000025 U	0.000025 U	0.00003 J	0.000049 J	0.000025 U
Chromium	mg/l	0.05	0.00064 J	0.00056 U	0.00056 U	0.00056 U	0.00056 U	0.0006 U	0.00093 J	0.0073 U
Hexavalent chromium	mg/l	0.05	---	---	---	---	---	---	---	---
Cobalt	mg/l	NA	0.00075 J	0.00017 J	0.00019 J	0.00014 J	0.00032 J	0.0014	0.0012	0.00032 J
Copper	mg/l	1 SMCL	0.0045	0.0022	0.0045	0.0038	0.0024	0.0014 J	0.0054	0.0016 J
Cyanide	mg/l	0.15	---	---	---	---	---	---	---	---
Iron	mg/l	0.30 SMCL	0.042	0.015 U	0.06	0.024	0.18	0.019 J	0.019 J	0.32
Lead	mg/l	0.015 ECAL	0.002	0.00004 U	0.00035 U	0.00015 J	0.0028	0.00027 J	0.0016	0.0025
Manganese	mg/l	0.5 NL	0.042 J	0.14	0.01	0.0045	0.084	0.34	0.27 J	0.038
Mercury	mg/l	0.002	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U
Molybdenum	mg/l	NA	0.0019 U	0.00069 U	0.0012 J	0.00082 J	0.0035	0.0024	0.0023 U	0.0011 J
Nickel	mg/l	0.1	0.0052	0.00043 J	0.0014 J	0.0019 J	0.00035 U	0.0051	0.015	0.0026
Selenium	mg/l	0.05	0.0012 J	0.00033 J	0.012	0.013	0.00036 J	0.00092 J	0.00071 J	0.00048 J
Silver	mg/l	0.10 SMCL	0.000025 U	0.000025 U	0.000025 U	0.000025 U	0.000025 U	0.000025 U	0.00013 U	0.000025 U
Thallium	mg/l	0.002	0.00015 U	0.00015 U	0.00017 J	0.00015 U	0.00015 U	0.00019 J	0.00015 U	0.00015 U
Vanadium	mg/l	0.05 NL	0.0007 U	0.0007 U	0.0007 U	0.0007 U	0.0007 U	0.0007 U	0.00072 J	0.0007 U
Zinc	mg/l	5 SMCL	5.9	0.25	0.095	0.15	2.8	0.034	0.26	3.8

See last page of Table VI for notes and abbreviations.

TABLE VI

SUMMARY OF ANALYSES FOR TRACE METAL CONSTITUENTS AND CYANIDE, 2006
BOEING SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well Identifier			RD-49B	RD-51B	RD-54A	RD-54A	RD-54B	RD-54B	RD-54C	RD-54C
Sample Port			---	---	Z2	Z2	---	---	---	---
Sample Date			08/09/06	11/07/06	02/16/06	08/17/06	02/20/06	08/23/06	02/23/06	08/10/06
Sample Type			Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Sample Filtered*			Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Laboratory			TA	TA	DMA	TA	DMA	TA	DMA	TA
Compound	Units	MCL								
Antimony	mg/l	0.006	0.00045 J	0.000091 U	0.00054 J	0.00014 J	0.00022 J	0.00005 U	0.00027 U	0.00009 J
Arsenic	mg/l	0.05	0.001 U	0.0005 U	0.0035	0.0023	0.0005 U	0.0005 U	0.0005 U	0.0005 U
Barium	mg/l	1	0.072	0.046	0.058	0.048	0.048	0.025	0.015	0.021
Beryllium	mg/l	0.004	0.00015 U	0.000075 U	0.000075 U	0.000075 U	0.000075 U	0.000075 U	0.000075 U	0.000075 U
Cadmium	mg/l	0.005	0.00005 U	0.000025 U	0.000025 U	0.000025 U	0.000025 U	0.000025 U	0.000025 U	0.000025 U
Chromium	mg/l	0.05	0.0011 U	0.00093 J	0.0011 J	0.00056 U	0.00056 U	0.00056 U	0.00061 J	0.0008 U
Hexavalent chromium	mg/l	0.05	---	---	---	---	---	---	---	---
Cobalt	mg/l	NA	0.00027 J	0.0011	0.0027	0.00043 J	0.00025 J	0.00012 J	0.00012 J	0.0001 J
Copper	mg/l	1 SMCL	0.00074 J	0.0047	0.0026	0.0016 J	0.0012 J	0.00044 J	0.00071 J	0.00034 J
Cyanide	mg/l	0.15	---	---	---	---	---	---	---	---
Iron	mg/l	0.30 SMCL	0.24	0.52	0.015 J	0.015 U	2.9	0.7	0.07	0.027
Lead	mg/l	0.015 ECAL	0.0025	0.00068 J	0.0023	0.0017	0.000082 J	0.00022 J	0.00095 J	0.000087 J
Manganese	mg/l	0.5 NL	0.03	0.089 J	0.082	0.027	0.1	0.032	0.01	0.041
Mercury	mg/l	0.002	0.00005 U	0.00005 U	0.000063 U	0.000088 UJ	0.000063 U	0.00005 U	0.000063 U	0.00005 U
Molybdenum	mg/l	NA	0.0019 J	0.0015 U	0.0016 J	0.0017 J	0.0015 J	0.0012 J	0.0031	0.0032
Nickel	mg/l	0.1	0.0022 J	0.0021	0.0063	0.0056	0.00035 U	0.0015 U	0.00054 J	0.00096 J
Selenium	mg/l	0.05	0.00081 J	0.0003 U	0.00091 U	0.0018 J	0.00063 J	0.0003 J	0.0003 U	0.00032 J
Silver	mg/l	0.10 SMCL	0.00005 U	0.000037 U	0.000025 U	0.000028 U	0.000025 U	0.000025 U	0.000025 U	0.000025 U
Thallium	mg/l	0.002	0.00055 J	0.00015 U	0.00015 U	0.00015 U	0.00015 U	0.00015 U	0.00015 U	0.00015 U
Vanadium	mg/l	0.05 NL	0.0014 U	0.0007 U	0.0007 U	0.0007 U	0.0007 U	0.0007 U	0.0007 U	0.0007 U
Zinc	mg/l	5 SMCL	1.8	0.54	0.23	0.055	2.9	0.25 J	0.32	0.03

See last page of Table VI for notes and abbreviations.

TABLE VI

SUMMARY OF ANALYSES FOR TRACE METAL CONSTITUENTS AND CYANIDE, 2006
BOEING SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well Identifier			RD-56A	RD-56A	RD-56B	RD-57	RD-59A	RD-59B	RD-59B	RD-59C
Sample Port			---	---	---	Z7	---	---	---	---
Sample Date			05/24/06	08/15/06	08/14/06	02/20/06	08/23/06	02/22/06	08/23/06	02/22/06
Sample Type			Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Sample Filtered*			Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Laboratory			DMA	TA	TA	DMA	TA	DMA	TA	DMA
Compound	Units	MCL								
Antimony	mg/l	0.006	0.00094 J	0.0003 J	0.00005 U	0.001 J	0.00012 J	0.0008 U	0.00005 U	0.00074 U
Arsenic	mg/l	0.05	0.0025 U	0.0005 U	0.0005 U	0.0034	0.0005 U	0.0005 U	0.0005 U	0.0005 U
Barium	mg/l	1	0.063	0.065	0.072	0.039	0.057	0.046	0.045	0.053
Beryllium	mg/l	0.004	0.00038 U	0.000075 U	0.000075 U	0.000075 U	0.000075 U	0.000075 U	0.000075 U	0.000075 U
Cadmium	mg/l	0.005	0.00012 U	0.000025 U	0.000039 J	0.000025 U	0.000035 J	0.000025 U	0.000025 U	0.000025 U
Chromium	mg/l	0.05	0.0028 U	0.00056 U	0.00056 U	0.0015 U	0.00056 U	0.00056 J	0.00056 U	0.00056 U
Hexavalent chromium	mg/l	0.05	---	---	---	---	---	---	---	---
Cobalt	mg/l	NA	0.0015 J	0.00083 J	0.00015 J	0.0015	0.00024 J	0.000099 U	0.000092 J	0.00012 U
Copper	mg/l	1 SMCL	0.014	0.0022	0.00072 J	0.0012 J	0.0041	0.001 J	0.00058 J	0.00081 J
Cyanide	mg/l	0.15	---	---	---	---	---	---	---	---
Iron	mg/l	0.30 SMCL	0.16	0.015 U	0.19	0.018 J	0.025	0.064	0.062	0.015 U
Lead	mg/l	0.015 ECAL	0.018	0.0055	0.00048 U	0.002	0.00082 J	0.00075 J	0.0002 J	0.00028 U
Manganese	mg/l	0.5 NL	0.029	0.015	0.036	0.0044	0.16	0.026	0.019	0.019
Mercury	mg/l	0.002	0.00005 U	0.00005 U	0.00005 U	0.000063 U	0.00005 U	0.000063 U	0.00005 U	0.000063 U
Molybdenum	mg/l	NA	0.002 J	0.0014 J	0.0015 J	0.00015 U	0.0023	0.0017 J	0.0012 J	0.0016 J
Nickel	mg/l	0.1	0.0048 J	0.0044	0.0018 J	0.002	0.0034 U	0.00035 U	0.0012 U	0.00035 U
Selenium	mg/l	0.05	0.0015 U	0.00041 J	0.0003 U	0.0012 J	0.00044 J	0.0003 U	0.0003 U	0.0003 U
Silver	mg/l	0.10 SMCL	0.00012 U	0.000025 U	0.000025 U	0.000025 U	0.000025 U	0.000025 U	0.000025 U	0.000025 U
Thallium	mg/l	0.002	0.00075 U	0.00015 U	0.00015 U	0.00015 U	0.00015 U	0.00015 U	0.00015 U	0.00017 U
Vanadium	mg/l	0.05 NL	0.0035 U	0.0012 J	0.0007 U	0.0015 J	0.0007 U	0.0007 U	0.0007 U	0.0007 U
Zinc	mg/l	5 SMCL	4.4	4.1	0.23	0.15	0.02 J	0.016 U	0.0028 U	0.0043 U

See last page of Table VI for notes and abbreviations.

TABLE VI

SUMMARY OF ANALYSES FOR TRACE METAL CONSTITUENTS AND CYANIDE, 2006
BOEING SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well Identifier			RD-59C	RD-60	RD-60	RD-72	RD-75	RD-77	RD-77	RD-78
Sample Port			---	---	---	Z4	---	---	---	---
Sample Date			08/23/06	05/24/06	08/30/06	08/17/06	11/08/06	08/17/06	11/02/06	08/11/06
Sample Type			Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Sample Filtered*			Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Laboratory			TA	DMA	TA	TA	TA	TA	TA	TA
Compound	Units	MCL								
Antimony	mg/l	0.006	0.00005 U	0.0023 J	0.00005 U	0.00011 J	0.00005 U	0.00012 J	0.00005 U	0.00026 J
Arsenic	mg/l	0.05	0.0005 U	0.0025 U	0.0005 U	0.0005 U	0.0011	0.0017	0.00069 J	0.002
Barium	mg/l	1	0.052	0.033	0.027	0.056	0.025	0.021	0.021	0.019
Beryllium	mg/l	0.004	0.000075 U	0.00038 U	0.000075 U	0.000075 U	0.000075 U	0.000075 U	0.000075 U	0.000075 U
Cadmium	mg/l	0.005	0.000025 U	0.0002 J	0.000026 J	0.000025 U	0.000025 U	0.000025 U	0.000025 U	0.000025 U
Chromium	mg/l	0.05	0.00056 U	0.005 J	0.00056 U	0.00056 U	0.00081 J	0.00056 U	0.00056 U	0.00056 U
Hexavalent chromium	mg/l	0.05	---	---	---	---	---	---	---	---
Cobalt	mg/l	NA	0.000066 J	0.0013 J	0.00078 J	0.00019 J	0.00028 J	0.0019	0.002	0.00034 J
Copper	mg/l	1 SMCL	0.00078 J	0.15	0.0077	0.00064 J	0.0019 J	0.0016 J	0.0031	0.0021
Cyanide	mg/l	0.15	---	---	---	---	---	---	---	---
Iron	mg/l	0.30 SMCL	0.015 U	5.1	2.8	0.47	0.46	0.015 U	0.015 U	0.2
Lead	mg/l	0.015 ECAL	0.00032 J	0.061	0.0013	0.00013 U	0.00036 J	0.0005 U	0.002	0.00036 U
Manganese	mg/l	0.5 NL	0.013	0.073	0.061	0.053	0.17 J	0.0066	0.0069	0.083
Mercury	mg/l	0.002	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U
Molybdenum	mg/l	NA	0.0011 J	0.0022 J	0.0011 J	0.00099 J	0.0008 U	0.00028 J	0.00015 U	0.0018 J
Nickel	mg/l	0.1	0.0008 U	0.0093 J	0.0064	0.00056 J	0.0025	0.0016 J	0.0016 J	0.0012 J
Selenium	mg/l	0.05	0.0003 U	0.0048 J	0.0027	0.00054 J	0.0003 U	0.0017 J	0.0016 J	0.0008 J
Silver	mg/l	0.10 SMCL	0.000025 U	0.00012 U	0.000025 U	0.000029 U	0.000025 U	0.000035 U	0.000025 U	0.000025 U
Thallium	mg/l	0.002	0.00015 U	0.00075 U	0.00015 U	0.00015 U	0.00015 U	0.00015 U	0.00015 U	0.00023 J
Vanadium	mg/l	0.05 NL	0.0007 U	0.0035 U	0.0007 U	0.0007 U	0.0007 U	0.0007 U	0.0007 U	0.0007 U
Zinc	mg/l	5 SMCL	0.0041 U	9.8	2.9	0.018 U	1.4	0.75	0.69	0.84

See last page of Table VI for notes and abbreviations.

TABLE VI

SUMMARY OF ANALYSES FOR TRACE METAL CONSTITUENTS AND CYANIDE, 2006
BOEING SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well Identifier			RD-78	RD-80	RD-80	RD-80	RD-81	RD-81	RD-82	RD-82
Sample Port			---	---	---	---	---	---	---	---
Sample Date			11/14/06	05/18/06	08/14/06	11/08/06	05/19/06	08/15/06	05/24/06	08/28/06
Sample Type			Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Sample Filtered*			Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Laboratory			TA	DMA	TA	TA	DMA	TA	DMA	TA
Compound	Units	MCL								
Antimony	mg/l	0.006	0.0003 U	0.000084 J	0.00046 J	0.00027 J	0.00026 J	0.00026 J	0.00018 J	0.00005 U
Arsenic	mg/l	0.05	0.0026	0.00054 J	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.00065 J	0.0005 U
Barium	mg/l	1	0.02	0.023	0.029	0.025	0.028	0.028	0.063	0.051
Beryllium	mg/l	0.004	0.000075 U	0.000075 U	0.000075 U	0.000075 U	0.000075 U	0.000075 U	0.000075 U	0.000075 U
Cadmium	mg/l	0.005	0.000036 U	0.000025 U	0.000045 J	0.000026 J	0.000069 U	0.000033 J	0.000025 U	0.000025 U
Chromium	mg/l	0.05	0.00056 U	0.00056 U	0.00056 U	0.00056 U	0.00056 U	0.00056 U	0.00056 U	0.00056 U
Hexavalent chromium	mg/l	0.05	---	---	---	---	---	---	---	---
Cobalt	mg/l	NA	0.00028 U	0.00074 J	0.0013	0.00099 J	0.0021	0.0023	0.0025	0.00024 J
Copper	mg/l	1 SMCL	0.0017 J	0.0038	0.0022	0.0038	0.0025	0.001 J	0.0019 J	0.002
Cyanide	mg/l	0.15	---	---	---	---	---	---	---	---
Iron	mg/l	0.30 SMCL	0.19	0.015 U	0.015 U	0.015 U	0.019 J	0.073	0.52	0.51
Lead	mg/l	0.015 ECAL	0.0007 J	0.00048 J	0.00029 U	0.00043 J	0.0008 J	0.00026 U	0.0028	0.0012
Manganese	mg/l	0.5 NL	0.079	0.098	0.14	0.18	0.11	0.12	0.34	0.28
Mercury	mg/l	0.002	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U
Molybdenum	mg/l	NA	0.0038 U	0.0013 J	0.0025	0.0041	0.0031	0.0028	0.0012 J	0.00089 J
Nickel	mg/l	0.1	0.00035 U	0.0067	0.012	0.0061	0.013	0.015	0.0013 J	0.00099 J
Selenium	mg/l	0.05	0.0012 J	0.00064 J	0.00071 J	0.0006 J	0.00046 J	0.0003 U	0.00043 J	0.0003 U
Silver	mg/l	0.10 SMCL	0.000025 U	0.000025 U	0.000025 U	0.000025 U	0.000029 J	0.000025 U	0.000025 U	0.000025 U
Thallium	mg/l	0.002	0.00036 U	0.00015 U	0.00036 J	0.00015 U	0.00016 J	0.00015 U	0.00015 U	0.00015 U
Vanadium	mg/l	0.05 NL	0.0007 U	0.0007 U	0.0007 U	0.0007 U	0.0007 U	0.00099 J	0.0007 U	0.0007 U
Zinc	mg/l	5 SMCL	1	0.67	0.76	1	0.13	0.082	0.061	0.057

See last page of Table VI for notes and abbreviations.

TABLE VI

SUMMARY OF ANALYSES FOR TRACE METAL CONSTITUENTS AND CYANIDE, 2006
BOEING SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well Identifier			RD-83	RD-83	RD-86	RD-86	RD-92	HAR-06	HAR-06	HAR-07	HAR-16
Sample Port			---	---	---	---	---	---	---	---	---
Sample Date			05/18/06	08/15/06	03/16/06	08/25/06	03/16/06	08/24/06	11/14/06	08/15/06	08/17/06
Sample Type			Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Sample Filtered*			Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Laboratory			DMA	TA	DMA	TA	DMA	TA	TA	TA	TA
Compound	Units	MCL									
Antimony	mg/l	0.006	0.00016 J	0.00021 J	0.00021 UJ	0.00008 J	0.00014 UJ	0.00005 U	0.00027 U	0.00015 J	0.00026 J
Arsenic	mg/l	0.05	0.00074 J	0.0005 U	0.00056 J	0.0005 U	0.0012	0.0005 U	0.00058 J	0.0005 U	0.0005 U
Barium	mg/l	1	0.022	0.023	0.04	0.041	0.043	0.048	0.057	0.022	0.019
Beryllium	mg/l	0.004	0.000075 U	0.000075 U	0.000075 U	0.000075 U	0.000075 U	0.000075 U	0.000075 U	0.000075 U	0.000075 U
Cadmium	mg/l	0.005	0.000025 U	0.000025 U	0.000025 U	0.000087 J	0.0002 J	0.000025 U	0.000026 U	0.000025 U	0.000041 J
Chromium	mg/l	0.05	0.00056 U	0.00056 U	0.00056 U	0.00056 U	0.00056 U	0.00056 U	0.00064 J	0.00056 U	0.00056 U
Hexavalent chromium	mg/l	0.05	---	---	0.00065 UJ	---	---	---	---	---	---
Cobalt	mg/l	NA	0.00071 J	0.0013	0.00035 J	0.00031 J	0.00038 J	0.00026 J	0.00028 U	0.00039 J	0.0006 J
Copper	mg/l	1 SMCL	0.0024	0.001 J	0.0008 J	0.0011 J	0.0032	0.00052 J	0.0013 J	0.003	0.0012 J
Cyanide	mg/l	0.15	---	---	---	---	---	---	---	---	---
Iron	mg/l	0.30 SMCL	0.15	0.14	0.015 U	0.015 U	0.015 U	1.7	1.5	0.015 U	0.015 U
Lead	mg/l	0.015 ECAL	0.00017 J	0.00021 U	0.0019	0.00013 J	0.00004 U	0.00032 J	0.00052 J	0.0014	0.00055 U
Manganese	mg/l	0.5 NL	0.25	0.2	0.006	0.15	0.19	0.16	0.15	0.22	0.0014
Mercury	mg/l	0.002	0.00005 U	0.00005 U	0.000063 UJ	0.00005 U	0.000063 UJ	0.00005 U	0.00005 U	0.00005 U	0.00005 U
Molybdenum	mg/l	NA	0.001 J	0.00094 J	0.0011 J	0.00078 J	0.0012 J	0.001 J	0.0022 U	0.00098 J	0.00088 J
Nickel	mg/l	0.1	0.0043	0.0032	0.0014 J	0.0096	0.01	0.001 J	0.00042 J	0.0014 J	0.0021
Selenium	mg/l	0.05	0.00038 J	0.00038 J	0.00052 J	0.00065 J	0.0013 J	0.00033 J	0.00058 J	0.00073 J	0.0023
Silver	mg/l	0.10 SMCL	0.000025 U	0.000025 U	0.000025 U	0.000025 U	0.000025 U	0.000025 U	0.000025 U	0.000025 U	0.000052 U
Thallium	mg/l	0.002	0.00015 U	0.00015 U	0.00015 U	0.00015 U	0.00015 U	0.00015 U	0.00018 U	0.00015 U	0.00015 U
Vanadium	mg/l	0.05 NL	0.0007 U	0.00076 J	0.0023 UJ	0.00092 J	0.0025 UJ	0.0007 U	0.0007 U	0.0007 U	0.0007 U
Zinc	mg/l	5 SMCL	0.069	0.1	0.12	0.0056 U	0.0041 J	0.024 U	0.022 U	0.021 U	1.4

See last page of Table VI for notes and abbreviations.

TABLE VI

SUMMARY OF ANALYSES FOR TRACE METAL CONSTITUENTS AND CYANIDE, 2006
BOEING SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well Identifier			HAR-19	HAR-19	HAR-21	HAR-24	HAR-24	HAR-25	HAR-25
Sample Port			---	---	---	---	---	---	---
Sample Date			05/23/06	11/16/06	05/25/06	08/30/06	11/07/06	08/30/06	11/07/06
Sample Type			Primary	Primary	Primary	Primary	Primary	Primary	Primary
Sample Filtered*			Yes	Yes	Yes	Yes	Yes	Yes	Yes
Laboratory			DMA	TA	DMA	TA	TA	TA	TA
Compound	Units	MCL							
Antimony	mg/l	0.006	0.00012 J	0.00012 J	0.00005 U	0.000073 J	0.00005 U	0.000089 J	0.000065 U
Arsenic	mg/l	0.05	0.0005 U	0.0005 J	0.0005 U	0.0005 U	0.0011	0.0005 U	0.0013
Barium	mg/l	1	0.079	0.073	0.051	0.029	0.032	0.011	0.013
Beryllium	mg/l	0.004	0.000075 U	0.000075 U	0.000075 U	0.000075 U	0.000075 U	0.000075 U	0.000075 U
Cadmium	mg/l	0.005	0.000054 U	0.000055 J	0.000025 U	0.00041 J	0.00028 J	0.000037 J	0.000031 J
Chromium	mg/l	0.05	0.00056 U	0.00059 J	0.00056 U	0.00056 U	0.00056 U	0.00056 U	0.00056 U
Hexavalent chromium	mg/l	0.05	---	---	---	---	---	---	---
Cobalt	mg/l	NA	0.00022 U	0.00015 J	0.00032 J	0.0029	0.0028	0.000052 J	0.000052 J
Copper	mg/l	1 SMCL	0.00086 J	0.00092 J	0.00078 J	0.0032	0.0022	0.0017 J	0.0012 J
Cyanide	mg/l	0.15	---	---	---	---	---	---	---
Iron	mg/l	0.30 SMCL	0.015 U	0.015 U	6.4	3.1	5.1	0.015 U	0.015 U
Lead	mg/l	0.015 ECAL	0.00007 U	0.00004 U	0.00004 U	0.00077 J	0.00046 J	0.00063 J	0.00045 J
Manganese	mg/l	0.5 NL	0.0056	0.0051	0.56	0.22	0.23 J	0.00087 J	0.0011 J
Mercury	mg/l	0.002	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U
Molybdenum	mg/l	NA	0.0012 J	0.0017 J	0.006	0.00024 J	0.00018 U	0.0034	0.0036 U
Nickel	mg/l	0.1	0.0014 J	0.0023	0.015	0.0075	0.005	0.00035 U	0.00057 J
Selenium	mg/l	0.05	0.00063 J	0.00058 J	0.0004 J	0.0013 J	0.0012 J	0.0012 J	0.0012 J
Silver	mg/l	0.10 SMCL	0.000032 J	0.000025 U	0.000025 U	0.000025 U	0.000028 U	0.000025 U	0.000025 U
Thallium	mg/l	0.002	0.00015 U	0.00015 U	0.00015 U	0.00015 U	0.00015 U	0.00015 U	0.00015 U
Vanadium	mg/l	0.05 NL	0.0007 U	0.0007 U	0.0007 U	0.0007 U	0.0007 U	0.0026	0.0031
Zinc	mg/l	5 SMCL	0.049	0.025	0.12	14	12	0.26	0.28

See last page of Table VI for notes and abbreviations.

TABLE VI
NOTES AND ABBREVIATIONS

1. DMA = Del Mar Analytical of Irvine, California.
2. TA = TestAmerica of Irvine, California, formerly Del Mar Analytical.
3. (---) = Analysis not performed.
4. Primary = Primary sample.
5. mg/l = Milligrams per liter.
6. MCL = Maximum Contaminant Level, California primary drinking water standard.
7. NA = Not available; no MCL promulgated.
8. J = Estimated value. Analyte detected at a level less than the Reporting Limit (RL) and greater than or equal to the Method Detection Limit (MDL), or concentration estimated due to analytical quality control deficiencies (see Appendix D for details).
9. U = Not detected; numerical value represents the Method Detection Limit for that compound.
10. UJ = Not detected. Estimated detection limit as a result of analytical quality control deficiencies (see Appendix D for details).
11. SMCL = Secondary drinking water MCL.
12. ECAL = Enforceable California Action Level to be met at a customer tap.
13. NL = Advisory California Notification Level for unregulated chemical contaminants.
14. MCLs, SMCLs, ECALs and NLs are listed by the California Department of Health Services (2006) at http://www.dhs.ca.gov/ps/ddwem/chemicals/chemindex.htm
15. Mercury was analyzed by EPA method 7470A.
    Trace metals were analyzed by EPA method 6020.
    Iron was analyzed by EPA method 6010B.
    Cyanide was analyzed by EPA method 9014.
    Hexavalent chromium was analyzed by EPA method 7196.
16. *Cyanide samples were not filtered.
17. Trace metal samples were filtered and preserved in the field using a 0.45 micron filter.

TABLE VII

SUMMARY OF ANALYSES FOR SEMI-VOLATILE ORGANIC CONSTITUENTS, 2006
BOEING SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well Identifier	PZ-071	SH-04	RS-08	RS-08	RS-08	RS-08	HAR-14	HAR-15
Sample Port	---	---	---	---	---	---	---	---
Sample Date	05/26/06	05/10/06	05/09/06	08/31/06	08/31/06	08/31/06	05/08/06	05/05/06
SampleType	Primary	Primary	Primary	Primary	Dup	Split	Primary	Primary
Sample Qualifier	---	---	---	---	---	---	---	---
Analysis Method	8270C	8270C	8270C	8270C	8270C	8270C	8270C	8270C
Laboratory	TA	TA	TA	TA	TA	Weck	DMA	TA
Compound (ug/l)								
1,2,4-Trichlorobenzene	4.2 U	0.26 U	0.26 U	4.4 U	4.3 U	4.4 U	0.26 U	0.26 U
1,2-Dichlorobenzene	4.3 U	0.3 U	0.3 U	4.5 U	4.4 U	4.5 U	0.3 U	0.3 U
1,2-Diphenylhydrazine/Azobenzene	4.8 U	0.3 U	0.3 U	5 U	4.9 U	5 U	0.3 U	0.3 U
1,3-Dichlorobenzene	3.9 U	0.36 U	0.36 U	4.1 U	4 U	4.1 U	0.36 U	0.36 U
1,3-Dinitrobenzene	2.9 U	1.9 U	1.9 U	3 U	3 U	---	1.9 U	1.9 U
1,4-Dichlorobenzene	3.7 U	0.32 U	0.32 U	3.9 U	3.8 U	3.9 U	0.32 U	0.32 U
2,4,6-Trichlorophenol	3.9 U	0.88 U	0.88 U	4.1 U	4 U	4.1 U	0.88 U	0.88 U
2,4-Dichlorophenol	3.9 U	0.77 U	0.77 U	4.1 U	4 U	4.1 U	0.77 U	0.77 U
2,4-Dimethylphenol	4.2 U	0.8 U	0.8 U	4.4 U	4.3 U	4.4 U	0.8 U	0.8 U
2,4-Dinitrophenol	5 U	1.4 U	1.4 U	5.3 U	5.2 U	5.3 U	1.4 U	1.4 U
2,4-Dinitrotoluene	4 U	0.4 U	0.4 U	4.2 U	4.1 U	4.2 U	0.4 U	0.4 U
2,6-Dinitrotoluene	3 U	0.24 U	0.24 U	3.2 U	3.2 U	3.2 U	0.24 U	0.24 U
2-Chloronaphthalene	3.8 U	0.26 U	0.26 U	4 U	3.9 U	4 U	0.26 U	0.26 U
2-Chlorophenol	4 U	0.71 U	0.71 U	4.2 U	4.1 U	4.2 U	0.71 U	0.71 U
2-Methylnaphthalene	---	0.3 U	0.3 U	---	---	---	0.3 U	0.3 U
2-Methylphenol	---	0.48 U	0.48 U	---	---	---	0.48 U	0.48 U
2-Nitrophenol	4 U	0.84 U	0.84 U	4.2 U	4.1 U	4.2 U	0.84 U	0.84 U
3,3-Dichlorobenzidine	10 U	1.5 U	1.5 U	11 U	11 U	11 U	1.5 U	1.5 U
4,6-Dinitro-2-methylphenol	4.9 U	0.33 U	0.33 U	5.1 U	5 U	5.1 U	0.33 U	0.33 U
4-Bromophenyl phenyl ether	4.4 U	0.23 U	0.23 U	4.6 U	4.5 U	4.6 U	0.23 U	0.23 U
4-Chloro-3-methylphenol	3.3 U	0.4 U	0.4 U	3.5 U	3.4 U	3.5 U	0.4 U	0.4 U
4-Chlorophenyl phenyl ether	2.9 U	0.24 U	0.24 U	3 U	3 U	3 U	0.24 U	0.24 U
3 & 4-Methylphenol	---	0.3 U	0.3 U	---	---	---	0.3 U	0.3 U
4-Methylphenol	---	0.3 U	0.3 U	---	---	---	0.3 U	0.3 U
4-Nitrophenol	6.3 U	1 U	1 U	6.6 U	6.5 U	6.6 U	1 U	1 U
Acenaphthene	4.1 U	0.31 U	0.31 U	4.3 U	4.2 U	4.3 U	0.31 U	0.31 U
Acenaphthylene	3 U	0.26 U	0.26 U	3.2 U	3.2 U	3.2 U	0.26 U	0.26 U
Anthracene	3 U	0.28 U	0.28 U	3.2 U	3.2 U	3.2 U	0.28 U	0.28 U
Benzidine	5 U	3.2 U	3.2 U	5.2 R	5.1 R	5.2 U	3.2 U	3.2 U
Benzo(a)anthracene	3.5 U	0.19 U	0.19 U	3.7 U	3.6 U	3.7 U	0.19 U	0.19 U
Benzo(a)pyrene	3.3 U	0.2 U	0.2 U	3.5 U	3.4 U	3.5 U	0.2 U	0.2 U
Benzo(b)fluoranthene	2.6 U	0.16 U	0.16 U	2.7 U	2.7 U	2.7 U	0.16 U	0.16 U
Benzo(b+k)fluoranthene(total)	---	---	---	---	---	---	---	---
Benzo(g,h,i)perylene	5 U	0.31 U	0.31 U	5.3 U	5.2 U	5.3 U	0.31 U	0.31 U
Benzo(k)fluoranthene	3.2 U	0.23 U	0.23 U	3.4 U	3.3 U	3.4 U	0.23 U	0.23 U
Bis(2-chloroethoxy)methane	3.7 U	0.4 U	0.4 U	3.9 U	3.8 U	3.9 U	0.4 U	0.4 U
Bis(2-chloroethyl)ether	4.2 U	0.46 U	0.46 U	4.4 U	4.3 U	4.4 U	0.46 U	0.46 U
Bis(2-chloroisopropyl)ether	4.4 U	0.48 U	0.48 U	4.6 U	4.5 U	4.6 U	0.48 U	0.48 U
Bis(2-ethylhexyl)phthalate	5 U	5.4 U	3.9 U	5.2 U	5.1 U	5.2 U	1.3 U	1.7 U
Butyl benzyl phthalate	3.3 U	0.29 U	0.37 J	3.5 U	3.4 U	3.5 U	0.29 U	0.29 U
Chrysene	2.7 U	0.25 U	0.25 U	2.8 U	2.8 U	2.8 U	0.25 U	0.25 U

See last page of Table VII for notes and abbreviations.

TABLE VII
SUMMARY OF ANALYSES FOR SEMI-VOLATILE ORGANIC CONSTITUENTS, 2006
BOEING SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well Identifier	PZ-071	SH-04	RS-08	RS-08	RS-08	RS-08	HAR-14	HAR-15
Sample Port	---	---	---	---	---	---	---	---
Sample Date	05/26/06	05/10/06	05/09/06	08/31/06	08/31/06	08/31/06	05/08/06	05/05/06
SampleType	Primary	Primary	Primary	Primary	Dup	Split	Primary	Primary
Sample Qualifier	---	---	---	---	---	---	---	---
Analysis Method	8270C	8270C	8270C	8270C	8270C	8270C	8270C	8270C
Laboratory	TA	TA	TA	TA	TA	Weck	DMA	TA
Compound (ug/l)								
Di-n-butyl phthalate	2.7 U	0.53 U	0.53 U	2.8 U	2.8 U	2.8 U	0.53 U	0.53 U
Di-n-octyl phthalate	4.5 U	0.28 U	0.36 J	4.7 U	4.6 U	4.7 U	0.28 U	0.28 U
Dibenz(a,h)anthracene	4.5 U	0.32 U	0.32 U	4.7 U	4.6 U	4.7 U	0.32 U	0.32 U
Diethyl phthalate	3 U	0.23 U	0.23 UJ	3.1 U	3.1 U	3.1 U	0.23 U	0.4 U
Dimethyl phthalate	3.4 U	0.26 U	0.26 U	3.6 U	3.5 U	3.6 U	0.26 U	0.26 U
Fluoranthene	4 U	0.16 U	0.16 U	4.2 U	4.1 U	4.2 U	0.16 U	0.16 U
Fluorene	3.7 U	0.28 U	0.28 U	3.9 U	3.8 U	3.9 U	0.28 U	0.28 U
Hexachlorobenzene	4.6 U	0.15 U	0.15 U	4.8 U	4.7 U	4.8 U	0.15 U	0.15 U
Hexachlorobutadiene	4 U	0.41 U	0.41 U	4.2 U	4.1 U	4.2 U	0.41 U	0.41 U
Hexachloroethane	4 U	0.36 U	0.36 U	4.2 U	4.1 U	4.2 U	0.36 U	0.36 U
Indeno(1,2,3-cd)pyrene	5.1 U	0.32 U	0.32 U	5.4 U	5.3 U	5.4 U	0.32 U	0.32 U
Isophorone	3.5 U	0.33 U	0.33 U	3.7 U	3.6 U	3.7 U	0.33 U	0.33 U
N-Nitroso-di-n-propylamine	3.4 U	0.41 U	0.41 U	3.6 U	3.5 U	3.6 U	0.41 U	0.41 U
N-Nitrosodimethylamine	3.5 U	0.36 U	0.36 U	3.7 U	3.6 U	3.7 U	0.36 U	0.36 U
N-Nitrosodiphenylamine	3.8 U	0.23 U	0.23 U	4 U	3.9 U	4 U	0.23 U	0.23 U
Naphthalene	4.3 U	0.35 U	0.35 U	4.5 U	4.4 U	4.5 U	0.35 U	0.35 U
Nitrobenzene	4 U	0.37 U	0.37 U	4.2 U	4.1 U	4.2 U	0.37 U	0.37 U
Pentachlorophenol	3.8 U	0.16 U	0.16 U	4 U	3.9 U	4 U	0.16 U	0.159 U
Phenanthrene	3.1 U	0.25 U	0.25 U	3.3 U	3.3 U	3.3 U	0.25 U	0.25 U
Phenol	3.8 U	0.3 U	0.3 U	4 U	3.9 U	4 U	0.3 U	0.3 U

See last page of Table VII for notes and abbreviations.

TABLE VII

SUMMARY OF ANALYSES FOR SEMI-VOLATILE ORGANIC CONSTITUENTS, 2006
BOEING SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well Identifier	RD-01	RD-01	RD-01	RD-02	RD-02	RD-02	RD-04	RD-04
Sample Port	---	---	---	---	---	---	---	---
Sample Date	05/08/06	08/16/06	11/06/06	05/08/06	08/15/06	11/09/06	06/01/06	08/15/06
SampleType	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Sample Qualifier	---	---	---	---	---	---	---	---
Analysis Method	8270C	8270C	8270C	8270C	8270C	8270C	8270C	8270C
Laboratory	DMA	TA	TA	DMA	TA	TA	DMA	TA
Compound (ug/l)								
1,2,4-Trichlorobenzene	4.2 U	4.2 U	2.4 U	4.2 U	4.2 U	2.4 U	4.2 U	4.2 U
1,2-Dichlorobenzene	4.3 U	4.2 U	2.8 U	4.3 U	4.3 U	2.8 U	4.3 U	4.2 U
1,2-Diphenylhydrazine/Azobenzene	4.7 U	4.7 U	1.9 U	4.8 U	4.8	1.9 U	4.8 U	4.7 U
1,3-Dichlorobenzene	3.9 U	3.9 U	2.8 U	3.9 U	3.9 U	2.8 U	3.9 U	3.9 U
1,3-Dinitrobenzene	2.8 U	2.8 U	2.8 U	2.9 U	2.9 U	2.8 U	2.9 U	2.8 U
1,4-Dichlorobenzene	3.7 U	3.7 U	2.4 U	3.7 U	3.8 U	2.4 U	3.7 U	3.7 U
2,4,6-Trichlorophenol	3.9 R	3.9 U	2.8 U	3.9 R	3.9 U	2.8 U	3.9 U	3.9 U
2,4-Dichlorophenol	3.9 U	3.9 U	1.9 U	3.9 U	3.9 U	1.9 U	3.9 U	3.9 U
2,4-Dimethylphenol	4.2 U	4.2 U	3.3 U	4.2 U	4.2 U	3.3 U	4.2 U	4.2 U
2,4-Dinitrophenol	5 R	5 U	4.2 U	5 R	5.1 U	4.2 U	5 U	5 U
2,4-Dinitrotoluene	4 U	4 U	1.9 U	4 U	4 U	1.9 U	4 U	4 U
2,6-Dinitrotoluene	3 U	3 U	1.9 U	3 U	3.1 U	1.9 U	3 U	3 U
2-Chloronaphthalene	3.8 U	3.8 U	1.9 U	3.8 U	3.8 U	1.9 U	3.8 U	3.8 U
2-Chlorophenol	4 U	4 U	1.9 U	4 U	4 U	1.9 U	4 U	4 U
2-Methylnaphthalene	---	---	---	---	---	---	---	---
2-Methylphenol	---	---	---	---	---	---	---	---
2-Nitrophenol	4 R	4 U	3.3 U	4 R	4 U	3.3 U	4 U	4 U
3,3-Dichlorobenzidine	10 U	10 U	2.8 U	10 U	11 U	2.8 U	10 U	10 U
4,6-Dinitro-2-methylphenol	4.8 R	4.8 U	3.8 U	4.9 R	4.9 U	3.8 U	4.9 U	4.8 U
4-Bromophenyl phenyl ether	4.4 U	4.3 U	2.4 U	4.4 U	4.4 U	2.4 U	4.4 U	4.3 U
4-Chloro-3-methylphenol	3.3 U	3.3 U	1.9 U	3.3 U	3.4 U	1.9 U	3.3 U	3.3 U
4-Chlorophenyl phenyl ether	2.8 U	2.8 U	1.9 U	2.9 U	2.9 U	1.9 U	2.9 U	2.8 U
3 & 4-Methylphenol	---	---	---	---	---	---	---	---
4-Methylphenol	---	---	---	---	---	---	---	---
4-Nitrophenol	6.3 R	6.2 U	5.2 U	6.3 R	6.3 U	5.2 U	6.3 U	6.2 U
Acenaphthene	4.1 U	4.1 U	1.9 U	4.1 U	4.1 U	1.9 U	4.1 U	4.1 U
Acenaphthylene	3 U	3 U	1.9 U	3 U	3.1 U	1.9 U	3 U	3 U
Anthracene	3 U	3 U	1.9 U	3 U	3.1 U	1.9 U	3 U	3 U
Benzidine	4.9 U	4.9 U	8 U	5 U	5 U	8 U	5 U	4.9 U
Benzo(a)anthracene	3.5 U	3.5 U	1.9 U	3.5 U	3.6 U	1.9 U	3.5 U	3.5 U
Benzo(a)pyrene	3.3 U	3.3 U	1.9 U	3.3 U	3.4 U	1.9 U	3.3 U	3.3 U
Benzo(b)fluoranthene	2.6 U	2.5 U	1.9 U	2.6 U	2.6 U	1.9 U	2.6 U	2.5 U
Benzo(b+k)fluoranthene(total)	---	---	---	---	---	---	---	---
Benzo(g,h,i)perylene	5 U	5 U	2.8 U	5 U	5.1 U	2.8 U	5 U	5 U
Benzo(k)fluoranthene	3.2 U	3.2 U	1.9 U	3.2 U	3.3 U	1.9 U	3.2 U	3.2 U
Bis(2-chloroethoxy)methane	3.7 U	3.7 U	1.9 U	3.7 U	3.8 U	1.9 U	3.7 U	3.7 U
Bis(2-chloroethyl)ether	4.2 U	4.2 U	2.4 U	4.2 U	4.2 U	2.4 U	4.2 U	4.2 U
Bis(2-chloroisopropyl)ether	4.4 U	4.3 U	2.4 U	4.4 U	4.4 U	2.4 U	4.4 U	4.3 U
Bis(2-ethylhexyl)phthalate	4.9 U	4.9 U	3.8 U	5 U	5 U	3.8 U	5 U	4.9 U
Butyl benzyl phthalate	3.3 U	3.3 U	3.8 U	3.3 U	3.4 U	3.8 U	3.3 U	3.3 U
Chrysene	2.7 U	2.6 U	1.9 U	2.7 U	2.7 U	1.9 U	2.7 U	2.6 U

See last page of Table VII for notes and abbreviations.

TABLE VII
SUMMARY OF ANALYSES FOR SEMI-VOLATILE ORGANIC CONSTITUENTS, 2006
BOEING SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well Identifier	RD-01	RD-01	RD-01	RD-02	RD-02	RD-02	RD-04	RD-04
Sample Port	---	---	---	---	---	---	---	---
Sample Date	05/08/06	08/16/06	11/06/06	05/08/06	08/15/06	11/09/06	06/01/06	08/15/06
SampleType	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Sample Qualifier	---	---	---	---	---	---	---	---
Analysis Method	8270C	8270C	8270C	8270C	8270C	8270C	8270C	8270C
Laboratory	DMA	TA	TA	DMA	TA	TA	DMA	TA
Compound (ug/l)								
Di-n-butyl phthalate	2.7 U	2.6 U	1.9 U	2.7 U	2.7 U	1.9 U	2.7 U	2.6 U
Di-n-octyl phthalate	4.5 U	4.4 U	1.9 U	4.5 U	4.5 R	1.9 U	4.5 U	4.4 R
Dibenz(a,h)anthracene	4.5 U	4.4 U	2.8 U	4.5 U	4.5 U	2.8 U	4.5 U	4.4 U
Diethyl phthalate	2.9 U	2.9 U	1.9 U	3 U	3 U	1.9 U	3 U	2.9 U
Dimethyl phthalate	3.4 U	3.4 U	1.9 U	3.4 U	3.5 U	1.9 U	3.4 U	3.4 U
Fluoranthene	4 U	4 U	1.9 U	4 U	4 U	1.9 U	4 U	4 U
Fluorene	3.7 U	3.7 U	1.9 U	3.7 U	3.8 U	1.9 U	3.7 U	3.7 U
Hexachlorobenzene	4.5 U	4.5 U	2.4 U	4.6 U	4.6 U	2.4 U	4.6 U	4.5 U
Hexachlorobutadiene	4 U	4 U	3.3 U	4 U	4 U	3.3 U	4 U	4 U
Hexachloroethane	4 U	4 U	2.8 U	4 U	4 U	2.8 U	4 U	4 U
Indeno(1,2,3-cd)pyrene	5.1 U	5.1 U	2.8 U	5.1 U	5.2 U	2.8 U	5.1 U	5.1 U
Isophorone	3.5 U	3.5 U	1.9 U	3.5 U	3.6 U	1.9 U	3.5 U	3.5 U
N-Nitroso-di-n-propylamine	3.4 U	3.4 U	2.4 U	3.4 U	3.5 U	2.4 U	3.4 U	3.4 U
N-Nitrosodimethylamine	3.5 U	3.5 U	2.4 U	3.5 U	3.6 U	2.4 U	3.5 U	3.5 U
N-Nitrosodiphenylamine	3.8 U	3.8 U	1.9 U	3.8 U	3.8 U	1.9 U	3.8 U	3.8 U
Naphthalene	4.3 U	4.2 U	2.4 U	4.3 U	4.3 U	2.4 U	4.3 U	4.2 U
Nitrobenzene	4 U	4 U	2.4 U	4 U	4 U	2.4 U	4 U	4 U
Pentachlorophenol	3.8 R	3.8 U	3.3 U	3.8 R	3.8 U	3.3 U	3.8 U	3.8 U
Phenanthrene	3.1 U	3.1 U	1.9 U	3.1 U	3.2 U	1.9 U	3.1 U	3.1 U
Phenol	3.8 U	3.8 U	1.9 U	3.8 U	3.8 U	1.9 U	3.8 U	3.8 U

See last page of Table VII for notes and abbreviations.

TABLE VII
SUMMARY OF ANALYSES FOR SEMI-VOLATILE ORGANIC CONSTITUENTS, 2006
BOEING SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well Identifier	RD-04	RD-09	RD-09	RD-09	RD-10	RD-10	RD-10	RD-10
Sample Port	---	---	---	---	---	---	---	---
Sample Date	11/08/06	05/16/06	08/10/06	11/08/06	02/14/06	05/09/06	08/16/06	11/07/06
SampleType	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Sample Qualifier	---	---	---	---	---	---	---	---
Analysis Method	8270C	8270C	8270C	8270C	8270C	8270C	8270C	8270C
Laboratory	TA	DMA	TA	TA	DMA	DMA	TA	TA
Compound (ug/l)								
1,2,4-Trichlorobenzene	2.4 U	4.3 U	4.2 U	2.4 U	4.2 U	4.4 U	4.3 U	2.5 U
1,2-Dichlorobenzene	2.9 U	4.4 U	4.2 U	2.8 U	4.2 U	4.5 U	4.4 U	3 U
1,2-Diphenylhydrazine/Azobenzene	1.9 U	4.9 U	4.7 U	1.9 U	4.7 U	5 U	4.9 U	2 U
1,3-Dichlorobenzene	2.9 U	4 U	3.9 U	2.8 U	3.9 U	4.1 U	4 U	3 U
1,3-Dinitrobenzene	2.9 U	2.9 U	2.8 U	2.8 U	2.8 U	3 U	2.9 U	3 U
1,4-Dichlorobenzene	2.4 U	3.8 U	3.7 U	2.4 U	3.7 U	3.9 U	3.8 U	2.5 U
2,4,6-Trichlorophenol	2.9 U	4 U	3.9 U	2.8 U	3.9 U	4.1 R	4 U	3 U
2,4-Dichlorophenol	1.9 U	4 U	3.9 U	1.9 U	3.9 U	4.1 U	4 U	2 U
2,4-Dimethylphenol	3.3 U	4.3 U	4.2 U	3.3 U	4.2 U	4.4 U	4.3 U	3.5 U
2,4-Dinitrophenol	4.3 U	5.1 U	5 U	4.3 U	5 U	5.3 R	5.1 U	4.5 U
2,4-Dinitrotoluene	1.9 U	4.1 U	4 U	1.9 U	4 U	4.2 U	4.1 U	2 U
2,6-Dinitrotoluene	1.9 U	3.1 U	3 U	1.9 U	3 U	3.2 U	3.1 U	2 U
2-Chloronaphthalene	1.9 U	3.9 U	3.8 U	1.9 U	3.8 U	4 U	3.9 U	2 U
2-Chlorophenol	1.9 U	4.1 U	4 U	1.9 U	4 U	4.2 U	4.1 U	2 U
2-Methylnaphthalene	---	---	---	---	---	---	---	---
2-Methylphenol	---	---	---	---	---	---	---	---
2-Nitrophenol	3.3 U	4.1 U	4 U	3.3 U	4 U	4.2 R	4.1 U	3.5 U
3,3-Dichlorobenzidine	2.9 U	11 U	10 U	2.8 U	10 U	11 U	11 U	3 U
4,6-Dinitro-2-methylphenol	3.8 U	5 U	4.8 U	3.8 U	4.8 U	5.1 R	5 U	4 U
4-Bromophenyl phenyl ether	2.4 U	4.5 U	4.3 U	2.4 U	4.3 U	4.6 U	4.5 U	2.5 U
4-Chloro-3-methylphenol	1.9 U	3.4 U	3.3 U	1.9 U	3.3 U	3.5 U	3.4 U	2 U
4-Chlorophenyl phenyl ether	1.9 U	2.9 U	2.8 U	1.9 U	2.8 U	3 U	2.9 U	2 U
3 & 4-Methylphenol	---	---	---	---	---	---	---	---
4-Methylphenol	---	---	---	---	---	---	---	---
4-Nitrophenol	5.2 U	6.4 U	6.2 U	5.2 U	6.2 U	6.6 R	6.4 U	5.5 U
Acenaphthene	1.9 U	4.2 U	4.1 U	1.9 U	4.1 U	4.3 U	4.2 U	2 U
Acenaphthylene	1.9 U	3.1 U	3 U	1.9 U	3 U	3.2 U	3.1 U	2 U
Anthracene	1.9 U	3.1 U	3 U	1.9 U	3 U	3.2 U	3.1 U	2 U
Benzidine	8.1 U	5 U	4.9 U	8.1 U	4.9 U	5.2 U	5 U	8.5 U
Benzo(a)anthracene	1.9 U	3.6 U	3.5 U	1.9 U	3.5 U	3.7 U	3.6 U	2 U
Benzo(a)pyrene	1.9 U	3.4 U	3.3 U	1.9 U	3.3 U	3.5 U	3.4 U	2 U
Benzo(b)fluoranthene	1.9 U	2.6 U	2.5 U	1.9 U	2.5 U	2.7 U	2.6 U	2 U
Benzo(b+k)fluoranthene(total)	---	---	---	---	---	---	---	---
Benzo(g,h,i)perylene	2.9 U	5.1 U	5 U	2.8 U	5 U	5.3 U	5.1 U	3 U
Benzo(k)fluoranthene	1.9 U	3.3 U	3.2 U	1.9 U	3.2 U	3.4 U	3.3 U	2 U
Bis(2-chloroethoxy)methane	1.9 U	3.8 U	3.7 U	1.9 U	3.7 U	3.9 U	3.8 U	2 U
Bis(2-chloroethyl)ether	2.4 U	4.3 U	4.2 U	2.4 U	4.2 U	4.4 U	4.3 U	2.5 U
Bis(2-chloroisopropyl)ether	2.4 U	4.5 U	4.3 U	2.4 U	4.3 U	4.6 U	4.5 U	2.5 U
Bis(2-ethylhexyl)phthalate	3.8 U	5 U	4.9 U	3.8 U	4.9 U	6.2 J,S	5 U	4 U
Butyl benzyl phthalate	3.8 U	3.4 U	3.3 U	3.8 U	3.3 U	4 J,S	3.4 U	4 U
Chrysene	1.9 U	2.7 U	2.6 U	1.9 U	2.6 U	2.8 U	2.7 U	2 U

See last page of Table VII for notes and abbreviations.

TABLE VII
SUMMARY OF ANALYSES FOR SEMI-VOLATILE ORGANIC CONSTITUENTS, 2006
BOEING SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well Identifier	RD-04	RD-09	RD-09	RD-09	RD-10	RD-10	RD-10	RD-10
Sample Port	---	---	---	---	---	---	---	---
Sample Date	11/08/06	05/16/06	08/10/06	11/08/06	02/14/06	05/09/06	08/16/06	11/07/06
SampleType	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Sample Qualifier	---	---	---	---	---	---	---	---
Analysis Method	8270C	8270C	8270C	8270C	8270C	8270C	8270C	8270C
Laboratory	TA	DMA	TA	TA	DMA	DMA	TA	TA
Compound (ug/l)								
Di-n-butyl phthalate	1.9 U	2.7 U	2.6 U	1.9 U	2.6 U	2.8 U	2.7 U	2 U
Di-n-octyl phthalate	1.9 U	4.6 U	4.4 U	1.9 U	4.4 U	4.7 U	4.6 U	2 U
Dibenz(a,h)anthracene	2.9 U	4.6 U	4.4 U	2.8 U	4.4 U	4.7 U	4.6 U	3 U
Diethyl phthalate	1.9 U	3 U	2.9 R	1.9 U	2.9 U	3.1 U	3 U	2 U
Dimethyl phthalate	1.9 U	3.5 U	3.4 R	1.9 U	3.4 U	3.6 U	3.5 U	2 U
Fluoranthene	1.9 U	4.1 U	4 U	1.9 U	4 U	4.2 U	4.1 U	2 U
Fluorene	1.9 U	3.8 U	3.7 U	1.9 U	3.7 U	3.9 U	3.8 U	2 U
Hexachlorobenzene	2.4 U	4.7 U	4.5 U	2.4 U	4.5 U	4.8 U	4.7 U	2.5 U
Hexachlorobutadiene	3.3 U	4.1 U	4 U	3.3 U	4 U	4.2 U	4.1 U	3.5 U
Hexachloroethane	2.9 U	4.1 U	4 U	2.8 U	4 U	4.2 U	4.1 U	3 U
Indeno(1,2,3-cd)pyrene	2.9 U	5.2 U	5.1 U	2.8 U	5.1 U	5.4 U	5.2 U	3 U
Isophorone	1.9 U	3.6 U	3.5 U	1.9 U	3.5 U	3.7 U	3.6 U	2 U
N-Nitroso-di-n-propylamine	2.4 U	3.5 U	3.4 U	2.4 U	3.4 U	3.6 U	3.5 U	2.5 U
N-Nitrosodimethylamine	2.4 U	3.6 U	3.5 U	2.4 U	3.5 U	3.7 U	3.6 U	2.5 U
N-Nitrosodiphenylamine	1.9 U	3.9 U	3.8 U	1.9 U	3.8 U	4 U	3.9 U	2 U
Naphthalene	2.4 U	4.4 U	4.2 U	2.4 U	4.2 U	4.5 U	4.4 U	2.5 U
Nitrobenzene	2.4 U	4.1 U	4 U	2.4 U	4 U	4.2 U	4.1 U	2.5 U
Pentachlorophenol	3.3 U	3.9 U	3.8 U	3.3 U	3.8 U	4 R	3.9 U	3.5 U
Phenanthrene	1.9 U	3.2 U	3.1 U	1.9 U	3.1 U	3.3 U	3.2 U	2 U
Phenol	1.9 U	3.9 U	3.8 U	1.9 U	3.8 U	4 U	3.9 U	2 U

See last page of Table VII for notes and abbreviations.

TABLE VII
SUMMARY OF ANALYSES FOR SEMI-VOLATILE ORGANIC CONSTITUENTS, 2006
BOEING SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well Identifier	RD-10	RD-41A	RD-41A	RD-41A	RD-41A	RD-41B	RD-41B	RD-41B
Sample Port	---	---	---	---	---	---	---	---
Sample Date	08/16/06	02/09/06	05/11/06	08/16/06	11/09/06	02/09/06	05/11/06	08/16/06
SampleType	Dup	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Sample Qualifier	---	---	---	---	---	---	---	---
Analysis Method	8270C	8270C	8270C	8270C	8270C	8270C	8270C	8270C
Laboratory	TA	DMA	DMA	TA	TA	DMA	DMA	TA
Compound (ug/l)								
1,2,4-Trichlorobenzene	4.2 U	4.2 U	4.4 U	4.4 U	2.4 U	4.2 U	4.2 U	4.2 U
1,2-Dichlorobenzene	4.3 U	4.3 U	4.5 U	4.5 U	2.8 U	4.3 U	4.3 U	4.3 U
1,2-Diphenylhydrazine/Azobenzene	4.8 U	4.8 U	5 U	5 U	1.9 U	4.8 U	4.8 U	4.8 U
1,3-Dichlorobenzene	3.9 U	3.9 U	4.1 U	4.1 U	2.8 U	3.9 U	3.9 U	3.9 U
1,3-Dinitrobenzene	2.9 U	2.9 U	3 U	3 U	2.8 U	2.9 U	2.9 U	2.9 U
1,4-Dichlorobenzene	3.8 U	3.7 U	3.9 U	3.9 U	2.4 U	3.7 U	3.7 U	3.8 U
2,4,6-Trichlorophenol	3.9 U	3.9 U	4.1 U	4.1 U	2.8 U	3.9 U	3.9 U	3.9 U
2,4-Dichlorophenol	3.9 U	3.9 U	4.1 U	4.1 U	1.9 U	3.9 U	3.9 U	3.9 U
2,4-Dimethylphenol	4.2 U	4.2 U	4.4 U	4.4 U	3.3 U	4.2 U	4.2 U	4.2 U
2,4-Dinitrophenol	5.1 U	5 U	5.3 U	5.3 U	4.2 U	5 U	5 U	5.1 U
2,4-Dinitrotoluene	4 U	4 U	4.2 U	4.2 U	1.9 U	4 U	4 U	4 U
2,6-Dinitrotoluene	3.1 U	3 U	3.2 U	3.2 U	1.9 U	3 U	3 U	3.1 U
2-Chloronaphthalene	3.8 U	3.8 U	4 U	4 U	1.9 U	3.8 U	3.8 U	3.8 U
2-Chlorophenol	4 U	4 U	4.2 U	4.2 U	1.9 U	4 U	4 U	4 U
2-Methylnaphthalene	---	---	---	---	---	---	---	---
2-Methylphenol	---	---	---	---	---	---	---	---
2-Nitrophenol	4 U	4 U	4.2 U	4.2 U	3.3 U	4 U	4 U	4 U
3,3-Dichlorobenzidine	11 U	10 U	11 U	11 U	2.8 U	10 U	10 U	11 U
4,6-Dinitro-2-methylphenol	4.9 U	4.9 U	5.1 U	5.1 U	3.8 U	4.9 U	4.9 U	4.9 U
4-Bromophenyl phenyl ether	4.4 U	4.4 U	4.6 U	4.6 U	2.4 U	4.4 U	4.4 U	4.4 U
4-Chloro-3-methylphenol	3.4 U	3.3 U	3.5 U	3.5 U	1.9 U	3.3 U	3.3 U	3.4 U
4-Chlorophenyl phenyl ether	2.9 U	2.9 U	3 U	3 U	1.9 U	2.9 U	2.9 U	2.9 U
3 & 4-Methylphenol	---	---	---	---	---	---	---	---
4-Methylphenol	---	---	---	---	---	---	---	---
4-Nitrophenol	6.3 U	6.3 U	6.6 U	6.6 U	5.2 U	6.3 U	6.3 U	6.3 U
Acenaphthene	4.1 U	4.1 U	4.3 U	4.3 U	1.9 U	4.1 U	4.1 U	4.1 U
Acenaphthylene	3.1 U	3 U	3.2 U	3.2 U	1.9 U	3 U	3 U	3.1 U
Anthracene	3.1 U	3 U	3.2 U	3.2 U	1.9 U	3 U	3 U	3.1 U
Benzidine	5 U	5 U	5.2 U	5.2 U	8 U	5 U	5 U	5 U
Benzo(a)anthracene	3.6 U	3.5 U	3.7 U	3.7 U	1.9 U	3.5 U	3.5 U	3.6 U
Benzo(a)pyrene	3.4 U	3.3 U	3.5 U	3.5 U	1.9 U	3.3 U	3.3 U	3.4 U
Benzo(b)fluoranthene	2.6 U	2.6 U	2.7 U	2.7 U	1.9 U	2.6 U	2.6 U	2.6 U
Benzo(b+k)fluoranthene(total)	---	---	---	---	---	---	---	---
Benzo(g,h,i)perylene	5.1 U	5 U	5.3 U	5.3 U	2.8 U	5 U	5 U	5.1 U
Benzo(k)fluoranthene	3.3 U	3.2 U	3.4 U	3.4 U	1.9 U	3.2 U	3.2 U	3.3 U
Bis(2-chloroethoxy)methane	3.8 U	3.7 U	3.9 U	3.9 U	1.9 U	3.7 U	3.7 U	3.8 U
Bis(2-chloroethyl)ether	4.2 U	4.2 U	4.4 U	4.4 U	2.4 U	4.2 U	4.2 U	4.2 U
Bis(2-chloroisopropyl)ether	4.4 U	4.4 U	4.6 U	4.6 U	2.4 U	4.4 U	4.4 U	4.4 U
Bis(2-ethylhexyl)phthalate	5 U	5 U	5.2 U	5.2 U	3.8 U	5 U	5 U	5 U
Butyl benzyl phthalate	3.4 U	3.3 U	3.5 U	3.5 U	3.8 U	3.3 U	3.3 U	3.4 U
Chrysene	2.7 U	2.7 U	2.8 U	2.8 U	1.9 U	2.7 U	2.7 U	2.7 U

See last page of Table VII for notes and abbreviations.

TABLE VII

SUMMARY OF ANALYSES FOR SEMI-VOLATILE ORGANIC CONSTITUENTS, 2006
BOEING SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well Identifier	RD-10	RD-41A	RD-41A	RD-41A	RD-41A	RD-41B	RD-41B	RD-41B
Sample Port	---	---	---	---	---	---	---	---
Sample Date	08/16/06	02/09/06	05/11/06	08/16/06	11/09/06	02/09/06	05/11/06	08/16/06
SampleType	Dup	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Sample Qualifier	---	---	---	---	---	---	---	---
Analysis Method	8270C	8270C	8270C	8270C	8270C	8270C	8270C	8270C
Laboratory	TA	DMA	DMA	TA	TA	DMA	DMA	TA
Compound (ug/l)								
Di-n-butyl phthalate	2.7 U	2.7 U	2.8 U	2.8 U	1.9 U	2.7 U	2.7 U	2.7 U
Di-n-octyl phthalate	4.5 U	4.5 U	4.7 U	4.7 U	1.9 U	4.5 U	4.5 U	4.5 U
Dibenz(a,h)anthracene	4.5 U	4.5 U	4.7 U	4.7 U	2.8 U	4.5 U	4.5 U	4.5 U
Diethyl phthalate	3 U	3 U	3.1 U	3.1 U	1.9 U	3 U	3 U	3 U
Dimethyl phthalate	3.5 U	3.4 U	3.6 U	3.6 U	1.9 U	3.4 U	3.4 U	3.5 U
Fluoranthene	4 U	4 U	4.2 U	4.2 U	1.9 U	4 U	4 U	4 U
Fluorene	3.8 U	3.7 U	3.9 U	3.9 U	1.9 U	3.7 U	3.7 U	3.8 U
Hexachlorobenzene	4.6 U	4.6 U	4.8 U	4.8 U	2.4 U	4.6 U	4.6 U	4.6 U
Hexachlorobutadiene	4 U	4 U	4.2 U	4.2 U	3.3 U	4 U	4 U	4 U
Hexachloroethane	4 U	4 U	4.2 U	4.2 U	2.8 U	4 U	4 U	4 U
Indeno(1,2,3-cd)pyrene	5.2 U	5.1 U	5.4 U	5.4 U	2.8 U	5.1 U	5.1 U	5.2 U
Isophorone	3.6 U	3.5 U	3.7 U	3.7 U	1.9 U	3.5 U	3.5 U	3.6 U
N-Nitroso-di-n-propylamine	3.5 U	3.4 U	3.6 U	3.6 U	2.4 U	3.4 U	3.4 U	3.5 U
N-Nitrosodimethylamine	3.6 U	3.5 U	3.7 U	3.7 U	2.4 U	3.5 U	3.5 U	3.6 U
N-Nitrosodiphenylamine	3.8 U	3.8 U	4 U	4 U	1.9 U	3.8 U	3.8 U	3.8 U
Naphthalene	4.3 U	4.3 U	4.5 U	4.5 U	2.4 U	4.3 U	4.3 U	4.3 U
Nitrobenzene	4 U	4 U	4.2 U	4.2 U	2.4 U	4 U	4 U	4 U
Pentachlorophenol	3.8 U	3.8 U	4 U	4 U	3.3 U	3.8 U	3.8 U	3.8 U
Phenanthrene	3.2 U	3.1 U	3.3 U	3.3 U	1.9 U	3.1 U	3.1 U	3.2 U
Phenol	3.8 U	3.8 U	4 U	4 U	1.9 U	3.8 U	3.8 U	3.8 U

See last page of Table VII for notes and abbreviations.

TABLE VII
SUMMARY OF ANALYSES FOR SEMI-VOLATILE ORGANIC CONSTITUENTS, 2006
BOEING SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well Identifier	RD-41B	RD-44	RD-44	RD-44	RD-49A	RD-49A	RD-49B	RD-49B
Sample Port	---	---	---	---	---	---	---	---
Sample Date	11/09/06	02/13/06	08/23/06	11/07/06	08/10/06	11/07/06	02/09/06	05/11/06
SampleType	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Sample Qualifier	---	---	---	---	---	---	---	---
Analysis Method	8270C	8270C	8270C	8270C	8270C	8270C	8270C	8270C
Laboratory	TA	DMA	TA	TA	TA	TA	DMA	DMA
Compound (ug/l)								
1,2,4-Trichlorobenzene	2.4 U	4.2 U	4.2 U	2.4 U	4.4 U	2.4 U	4.2 U	4.2 U
1,2-Dichlorobenzene	2.8 U	4.3 U	4.3 U	2.8 U	4.5 U	2.8 U	4.3 U	4.3 U
1,2-Diphenylhydrazine/Azobenzene	1.9 U	4.8 U	4.8 U	1.9 U	5 U	1.9 U	4.8 U	4.8 U
1,3-Dichlorobenzene	2.8 U	3.9 U	3.9 U	2.8 U	4.1 U	2.8 U	3.9 U	3.9 U
1,3-Dinitrobenzene	2.8 U	2.9 U	2.9 U	2.8 U	3 U	2.8 U	2.9 U	2.9 U
1,4-Dichlorobenzene	2.4 U	3.7 U	3.7 U	2.4 U	3.9 U	2.4 U	3.7 U	3.7 U
2,4,6-Trichlorophenol	2.8 U	3.9 U	3.9 U	2.8 U	4.1 U	2.8 U	3.9 U	3.9 U
2,4-Dichlorophenol	1.9 U	3.9 U	3.9 U	1.9 U	4.1 U	1.9 U	3.9 U	3.9 U
2,4-Dimethylphenol	3.3 U	4.2 U	4.2 U	3.3 U	4.4 U	3.3 U	4.2 U	4.2 U
2,4-Dinitrophenol	4.2 U	5 U	5 U	4.2 U	5.3 U	4.2 U	5 U	5 U
2,4-Dinitrotoluene	1.9 U	4 U	4 U	1.9 U	4.2 U	1.9 U	4 U	4 U
2,6-Dinitrotoluene	1.9 U	3 U	3 U	1.9 U	3.2 U	1.9 U	3 U	3 U
2-Chloronaphthalene	1.9 U	3.8 U	3.8 U	1.9 U	4 U	1.9 U	3.8 U	3.8 U
2-Chlorophenol	1.9 U	4 U	4 U	1.9 U	4.2 U	1.9 U	4 U	4 U
2-Methylnaphthalene	---	---	---	---	---	---	---	---
2-Methylphenol	---	---	---	---	---	---	---	---
2-Nitrophenol	3.3 U	4 U	4 U	3.3 U	4.2 U	3.3 U	4 U	4 U
3,3-Dichlorobenzidine	2.8 U	10 U	10 U	2.8 U	11 U	2.8 U	10 U	10 U
4,6-Dinitro-2-methylphenol	3.8 U	4.9 U	4.9 U	3.8 U	5.1 U	3.8 U	4.9 U	4.9 U
4-Bromophenyl phenyl ether	2.4 U	4.4 U	4.4 U	2.4 U	4.6 U	2.4 U	4.4 U	4.4 U
4-Chloro-3-methylphenol	1.9 U	3.3 U	3.3 U	1.9 U	3.5 U	1.9 U	3.3 U	3.3 U
4-Chlorophenyl phenyl ether	1.9 U	2.9 U	2.9 U	1.9 U	3 U	1.9 U	2.9 U	2.9 U
3 & 4-Methylphenol	---	---	---	---	---	---	---	---
4-Methylphenol	---	---	---	---	---	---	---	---
4-Nitrophenol	5.2 U	6.3 U	6.3 U	5.2 U	6.6 U	5.2 U	6.3 U	6.3 U
Acenaphthene	1.9 U	4.1 U	4.1 U	1.9 U	4.3 U	1.9 U	4.1 U	4.1 U
Acenaphthylene	1.9 U	3 U	3 U	1.9 U	3.2 U	1.9 U	3 U	3 U
Anthracene	1.9 U	3 U	3 U	1.9 U	3.2 U	1.9 U	3 U	3 U
Benzidine	8 U	5 U	5 U	8 U	5.2 R	8 U	5 U	5 U
Benzo(a)anthracene	1.9 U	3.5 U	3.5 U	1.9 U	3.7 U	1.9 U	3.5 U	3.5 U
Benzo(a)pyrene	1.9 U	3.3 U	3.3 U	1.9 U	3.5 U	1.9 U	3.3 U	3.3 U
Benzo(b)fluoranthene	1.9 U	2.6 U	2.6 U	1.9 U	2.7 U	1.9 U	2.6 U	2.6 U
Benzo(b+k)fluoranthene(total)	---	---	---	---	---	---	---	---
Benzo(g,h,i)perylene	2.8 U	5 U	5 U	2.8 U	5.3 U	2.8 U	5 U	5 U
Benzo(k)fluoranthene	1.9 U	3.2 U	3.2 U	1.9 U	3.4 U	1.9 U	3.2 U	3.2 U
Bis(2-chloroethoxy)methane	1.9 U	3.7 U	3.7 U	1.9 U	3.9 U	1.9 U	3.7 U	3.7 U
Bis(2-chloroethyl)ether	2.4 U	4.2 U	4.2 U	2.4 U	4.4 U	2.4 U	4.2 U	4.2 U
Bis(2-chloroisopropyl)ether	2.4 U	4.4 U	4.4 U	2.4 U	4.6 U	2.4 U	4.4 U	4.4 U
Bis(2-ethylhexyl)phthalate	3.8 U	5 U	5 U	3.8 U	5.2 U	3.8 U	5 U	5 U
Butyl benzyl phthalate	3.8 U	3.3 U	3.3 U	3.8 U	3.5 U	3.8 U	3.3 U	3.3 U
Chrysene	1.9 U	2.7 U	2.7 U	1.9 U	2.8 U	1.9 U	2.7 U	2.7 U

See last page of Table VII for notes and abbreviations.

TABLE VII
SUMMARY OF ANALYSES FOR SEMI-VOLATILE ORGANIC CONSTITUENTS, 2006
BOEING SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well Identifier	RD-41B	RD-44	RD-44	RD-44	RD-49A	RD-49A	RD-49B	RD-49B
Sample Port	---	---	---	---	---	---	---	---
Sample Date	11/09/06	02/13/06	08/23/06	11/07/06	08/10/06	11/07/06	02/09/06	05/11/06
SampleType	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Sample Qualifier	---	---	---	---	---	---	---	---
Analysis Method	8270C	8270C	8270C	8270C	8270C	8270C	8270C	8270C
Laboratory	TA	DMA	TA	TA	TA	TA	DMA	DMA
Compound (ug/l)								
Di-n-butyl phthalate	1.9 U	2.7 U	2.7 U	1.9 U	2.8 U	1.9 U	2.7 U	2.7 U
Di-n-octyl phthalate	1.9 U	4.5 U	4.5 U	1.9 U	4.7 U	1.9 U	4.5 U	4.5 U
Dibenz(a,h)anthracene	2.8 U	4.5 U	4.5 U	2.8 U	4.7 U	2.8 U	4.5 U	4.5 U
Diethyl phthalate	1.9 U	3 U	3 U	1.9 U	3.1 U	1.9 U	3 U	3 U
Dimethyl phthalate	1.9 U	3.4 U	3.4 U	1.9 U	3.6 U	1.9 U	3.4 U	3.4 U
Fluoranthene	1.9 U	4 U	4 U	1.9 U	4.2 U	1.9 U	4 U	4 U
Fluorene	1.9 U	3.7 U	3.7 U	1.9 U	3.9 U	1.9 U	3.7 U	3.7 U
Hexachlorobenzene	2.4 U	4.6 U	4.6 U	2.4 U	4.8 U	2.4 U	4.6 U	4.6 U
Hexachlorobutadiene	3.3 U	4 U	4 U	3.3 U	4.2 U	3.3 U	4 U	4 U
Hexachloroethane	2.8 U	4 U	4 U	2.8 U	4.2 U	2.8 U	4 U	4 U
Indeno(1,2,3-cd)pyrene	2.8 U	5.1 U	5.1 U	2.8 U	5.4 U	2.8 U	5.1 U	5.1 U
Isophorone	1.9 U	3.5 U	3.5 U	1.9 U	3.7 U	1.9 U	3.5 U	3.5 U
N-Nitroso-di-n-propylamine	2.4 U	3.4 U	3.4 U	2.4 U	3.6 U	2.4 U	3.4 U	3.4 U
N-Nitrosodimethylamine	2.4 U	3.5 U	3.5 U	2.4 U	3.7 U	2.4 U	3.5 U	3.5 U
N-Nitrosodiphenylamine	1.9 U	3.8 U	3.8 U	1.9 U	4 U	1.9 U	3.8 U	3.8 U
Naphthalene	2.4 U	4.3 U	4.3 U	2.4 U	4.5 U	2.4 U	4.3 U	4.3 U
Nitrobenzene	2.4 U	4 U	4 U	2.4 U	4.2 U	2.4 U	4 U	4 U
Pentachlorophenol	3.3 U	3.8 U	3.8 U	3.3 U	4 U	3.3 U	3.8 U	3.8 U
Phenanthrene	1.9 U	3.1 U	3.1 U	1.9 U	3.3 U	1.9 U	3.1 U	3.1 U
Phenol	1.9 U	3.8 U	3.8 U	1.9 U	4 U	1.9 U	3.8 U	3.8 U

See last page of Table VII for notes and abbreviations.

TABLE VII
SUMMARY OF ANALYSES FOR SEMI-VOLATILE ORGANIC CONSTITUENTS, 2006
BOEING SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well Identifier	RD-49B	RD-49B	RD-49C	RD-49C	RD-49C	RD-49C	RD-51B	RD-51B
Sample Port	---	---	---	---	---	---	---	---
Sample Date	08/09/06	11/07/06	02/09/06	05/15/06	08/10/06	11/06/06	02/09/06	05/10/06
SampleType	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Sample Qualifier	---	---	---	---	---	---	---	---
Analysis Method	8270C	8270C	8270C	8270C	8270C	8270C	8270C	8270C
Laboratory	TA	TA	DMA	DMA	TA	TA	DMA	DMA
Compound (ug/l)								
1,2,4-Trichlorobenzene	4.4 U	2.4 U	4.4 U	4.3 U	4.2 U	2.4 U	4.2 U	4.2 U
1,2-Dichlorobenzene	4.5 U	2.8 U	4.5 U	4.4 U	4.2 U	2.8 U	4.3 U	4.3 U
1,2-Diphenylhydrazine/Azobenzene	5 U	1.9 U	5 U	4.9 U	4.7 U	1.9 U	4.8 U	4.8 U
1,3-Dichlorobenzene	4.1 U	2.8 U	4.1 U	4 U	3.9 U	2.8 U	3.9 U	3.9 U
1,3-Dinitrobenzene	3 U	2.8 U	3 U	2.9 U	2.8 U	2.8 U	2.9 U	2.9 U
1,4-Dichlorobenzene	3.9 U	2.4 U	3.9 U	3.8 U	3.7 U	2.4 U	3.7 U	3.7 U
2,4,6-Trichlorophenol	4.1 U	2.8 U	4.1 U	4 R	3.9 U	2.8 U	3.9 U	3.9 U
2,4-Dichlorophenol	4.1 U	1.9 U	4.1 U	4 U	3.9 U	1.9 U	3.9 U	3.9 U
2,4-Dimethylphenol	4.4 U	3.3 U	4.4 U	4.3 U	4.2 U	3.3 U	4.2 U	4.2 U
2,4-Dinitrophenol	5.3 U	4.2 U	5.3 U	5.2 U	5 U	4.2 U	5 U	5 U
2,4-Dinitrotoluene	4.2 U	1.9 U	4.2 U	4.1 U	4 U	1.9 U	4 U	4 U
2,6-Dinitrotoluene	3.2 U	1.9 U	3.2 U	3.1 U	3 U	1.9 U	3 U	3 U
2-Chloronaphthalene	4 U	1.9 U	4 U	3.9 U	3.8 U	1.9 U	3.8 U	3.8 U
2-Chlorophenol	4.2 U	1.9 U	4.2 U	4.1 U	4 U	1.9 U	4 U	4 U
2-Methylnaphthalene	---	---	---	---	---	---	---	---
2-Methylphenol	---	---	---	---	---	---	---	---
2-Nitrophenol	4.2 U	3.3 U	4.2 U	4.1 U	4 U	3.3 U	4 U	4 U
3,3-Dichlorobenzidine	11 U	2.8 U	11 U	11 U	10 U	2.8 U	10 U	10 U
4,6-Dinitro-2-methylphenol	5.1 U	3.8 U	5.1 U	5 U	4.8 U	3.8 U	4.9 U	4.9 U
4-Bromophenyl phenyl ether	4.6 U	2.4 U	4.6 U	4.5 U	4.3 U	2.4 U	4.4 U	4.4 U
4-Chloro-3-methylphenol	3.5 U	1.9 U	3.5 U	3.4 U	3.3 U	1.9 U	3.3 U	3.3 U
4-Chlorophenyl phenyl ether	3 U	1.9 U	3 U	2.9 U	2.8 U	1.9 U	2.9 U	2.9 U
3 & 4-Methylphenol	---	---	---	---	---	---	---	---
4-Methylphenol	---	---	---	---	---	---	---	---
4-Nitrophenol	6.6 U	5.2 U	6.6 U	6.5 U	6.2 U	5.2 U	6.3 U	6.3 U
Acenaphthene	4.3 U	1.9 U	4.3 U	4.2 U	4.1 U	1.9 U	4.1 U	4.1 U
Acenaphthylene	3.2 U	1.9 U	3.2 U	3.1 U	3 U	1.9 U	3 U	3 U
Anthracene	3.2 U	1.9 U	3.2 U	3.1 U	3 U	1.9 U	3 U	3 U
Benzidine	5.2 R	8 U	5.2 U	5.1 U	4.9 U	8 U	5 U	5 R
Benzo(a)anthracene	3.7 U	1.9 U	3.7 U	3.6 U	3.5 U	1.9 U	3.5 U	3.5 U
Benzo(a)pyrene	3.5 U	1.9 U	3.5 U	3.4 U	3.3 U	1.9 U	3.3 U	3.3 U
Benzo(b)fluoranthene	2.7 U	1.9 U	2.7 U	2.6 U	2.5 U	1.9 U	2.6 U	2.6 U
Benzo(b+k)fluoranthene(total)	---	---	---	---	---	---	---	---
Benzo(g,h,i)perylene	5.3 U	2.8 U	5.3 U	5.2 U	5 U	2.8 U	5 U	5 U
Benzo(k)fluoranthene	3.4 U	1.9 U	3.4 U	3.3 U	3.2 U	1.9 U	3.2 U	3.2 U
Bis(2-chloroethoxy)methane	3.9 U	1.9 U	3.9 U	3.8 U	3.7 U	1.9 U	3.7 U	3.7 U
Bis(2-chloroethyl)ether	4.4 U	2.4 U	4.4 U	4.3 U	4.2 U	2.4 U	4.2 U	4.2 U
Bis(2-chloroisopropyl)ether	4.6 U	2.4 U	4.6 U	4.5 U	4.3 U	2.4 U	4.4 U	4.4 U
Bis(2-ethylhexyl)phthalate	6.7 J,S	3.8 U	5.2 U	5.1 U	4.9 U	3.8 U	5 U	5 U
Butyl benzyl phthalate	3.5 U	3.8 U	3.5 U	3.4 U	3.3 U	3.8 U	3.3 U	3.3 U
Chrysene	2.8 U	1.9 U	2.8 U	2.7 U	2.6 U	1.9 U	2.7 U	2.7 U

See last page of Table VII for notes and abbreviations.

TABLE VII
SUMMARY OF ANALYSES FOR SEMI-VOLATILE ORGANIC CONSTITUENTS, 2006
BOEING SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well Identifier	RD-49B	RD-49B	RD-49C	RD-49C	RD-49C	RD-49C	RD-51B	RD-51B
Sample Port	---	---	---	---	---	---	---	---
Sample Date	08/09/06	11/07/06	02/09/06	05/15/06	08/10/06	11/06/06	02/09/06	05/10/06
SampleType	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Sample Qualifier	---	---	---	---	---	---	---	---
Analysis Method	8270C	8270C	8270C	8270C	8270C	8270C	8270C	8270C
Laboratory	TA	TA	DMA	DMA	TA	TA	DMA	DMA
Compound (ug/l)								
Di-n-butyl phthalate	2.8 U	1.9 U	2.8 U	2.7 U	2.6 U	1.9 U	2.7 U	2.7 U
Di-n-octyl phthalate	4.7 U	1.9 U	4.7 U	4.6 U	4.4 U	1.9 U	4.5 U	4.5 U
Dibenz(a,h)anthracene	4.7 U	2.8 U	4.7 U	4.6 U	4.4 U	2.8 U	4.5 U	4.5 U
Diethyl phthalate	3.1 U	1.9 U	3.1 U	3 U	2.9 R	1.9 U	3 U	3 U
Dimethyl phthalate	3.6 U	1.9 U	3.6 U	3.5 U	3.4 R	1.9 U	3.4 U	3.4 U
Fluoranthene	4.2 U	1.9 U	4.2 U	4.1 U	4 U	1.9 U	4 U	4 U
Fluorene	3.9 U	1.9 U	3.9 U	3.8 U	3.7 U	1.9 U	3.7 U	3.7 U
Hexachlorobenzene	4.8 U	2.4 U	4.8 U	4.7 U	4.5 U	2.4 U	4.6 U	4.6 U
Hexachlorobutadiene	4.2 U	3.3 U	4.2 U	4.1 U	4 U	3.3 U	4 U	4 U
Hexachloroethane	4.2 U	2.8 U	4.2 U	4.1 U	4 U	2.8 U	4 U	4 U
Indeno(1,2,3-cd)pyrene	5.4 U	2.8 U	5.4 U	5.3 U	5.1 U	2.8 U	5.1 U	5.1 U
Isophorone	3.7 U	1.9 U	3.7 U	3.6 U	3.5 U	1.9 U	3.5 U	3.5 U
N-Nitroso-di-n-propylamine	3.6 U	2.4 U	3.6 U	3.5 U	3.4 U	2.4 U	3.4 U	3.4 U
N-Nitrosodimethylamine	3.7 U	2.4 U	3.7 U	3.6 U	3.5 U	2.4 U	3.5 U	3.5 U
N-Nitrosodiphenylamine	4 U	1.9 U	4 U	3.9 U	3.8 U	1.9 U	3.8 U	3.8 U
Naphthalene	4.5 U	2.4 U	4.5 U	4.4 U	4.2 U	2.4 U	4.3 U	4.3 U
Nitrobenzene	4.2 U	2.4 U	4.2 U	4.1 U	4 U	2.4 U	4 U	4 U
Pentachlorophenol	4 U	3.3 U	4 U	3.9 U	3.8 U	3.3 U	3.8 U	3.8 U
Phenanthrene	3.3 U	1.9 U	3.3 U	3.2 U	3.1 U	1.9 U	3.1 U	3.1 U
Phenol	4 U	1.9 U	4 U	3.9 U	3.8 U	1.9 U	3.8 U	3.8 U

See last page of Table VII for notes and abbreviations.

TABLE VII
SUMMARY OF ANALYSES FOR SEMI-VOLATILE ORGANIC CONSTITUENTS, 2006
BOEING SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well Identifier	RD-51B	RD-51B	RD-51C	RD-51C	RD-51C	RD-51C	RD-55A	RD-55A
Sample Port	---	---	---	---	---	---	---	---
Sample Date	08/14/06	11/07/06	02/09/06	05/11/06	08/14/06	11/07/06	02/09/06	05/16/06
SampleType	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Sample Qualifier	---	---	---	---	---	---	---	---
Analysis Method	8270C	8270C	8270C	8270C	8270C	8270C	8270C	8270C
Laboratory	TA	TA	DMA	DMA	TA	TA	DMA	TA
Compound (ug/l)								
1,2,4-Trichlorobenzene	4.2 U	2.4 U	4.2 U	4.2 U	4.2 U	2.4 U	4.2 U	4.2 U
1,2-Dichlorobenzene	4.3 U	2.9 U	4.3 U	4.3 U	4.3 U	2.9 U	4.3 U	4.3 U
1,2-Diphenylhydrazine/Azobenzene	4.8 U	1.9 U	4.8 U	4.8 U	4.8 U	1.9 U	4.8 U	4.7 U
1,3-Dichlorobenzene	3.9 U	2.9 U	3.9 U	3.9 U	3.9 U	2.9 U	3.9 U	3.9 U
1,3-Dinitrobenzene	2.9 U	2.9 U	2.9 U	2.9 U	2.9 U	2.9 U	2.9 U	2.8 U
1,4-Dichlorobenzene	3.7 U	2.4 U	3.7 U	3.7 U	3.7 U	2.4 U	3.7 U	3.7 U
2,4,6-Trichlorophenol	3.9 U	2.9 U	3.9 U	3.9 U	3.9 U	2.9 U	3.9 U	3.9 U
2,4-Dichlorophenol	3.9 U	1.9 U	3.9 U	3.9 U	3.9 U	1.9 U	3.9 U	3.9 U
2,4-Dimethylphenol	4.2 U	3.4 U	4.2 U	4.2 U	4.2 U	3.4 U	4.2 U	4.2 U
2,4-Dinitrophenol	5 U	4.3 U	5 U	5 U	5 U	4.3 U	5 U	5 U
2,4-Dinitrotoluene	4 U	1.9 U	4 U	4 U	4 U	1.9 U	4 U	4 U
2,6-Dinitrotoluene	3 U	1.9 U	3 U	3 U	3 U	1.9 U	3 U	3 U
2-Chloronaphthalene	3.8 U	1.9 U	3.8 U	3.8 U	3.8 U	1.9 U	3.8 U	3.8 U
2-Chlorophenol	4 U	1.9 U	4 U	4 U	4 U	1.9 U	4 U	4 U
2-Methylnaphthalene	---	---	---	---	---	---	---	---
2-Methylphenol	---	---	---	---	---	---	---	---
2-Nitrophenol	4 U	3.4 U	4 U	4 U	4 U	3.4 U	4 U	4 U
3,3-Dichlorobenzidine	10 U	2.9 U	10 U	10 U	10 U	2.9 U	10 U	10 U
4,6-Dinitro-2-methylphenol	4.9 U	3.8 U	4.9 U	4.9 U	4.9 U	3.8 U	4.9 U	4.8 U
4-Bromophenyl phenyl ether	4.4 U	2.4 U	4.4 U	4.4 U	4.4 U	2.4 U	4.4 U	4.4 U
4-Chloro-3-methylphenol	3.3 U	1.9 U	3.3 U	3.3 U	3.3 U	1.9 U	3.3 U	3.3 U
4-Chlorophenyl phenyl ether	2.9 U	1.9 U	2.9 U	2.9 U	2.9 U	1.9 U	2.9 U	2.8 U
3 & 4-Methylphenol	---	---	---	---	---	---	---	---
4-Methylphenol	---	---	---	---	---	---	---	---
4-Nitrophenol	6.3 U	5.3 U	6.3 U	6.3 U	6.3 U	5.3 U	6.3 U	6.3 U
Acenaphthene	4.1 U	1.9 U	4.1 U	4.1 U	4.1 U	1.9 U	4.1 U	4.1 U
Acenaphthylene	3 U	1.9 U	3 U	3 U	3 U	1.9 U	3 U	3 U
Anthracene	3 U	1.9 U	3 U	3 U	3 U	1.9 U	3 U	3 U
Benzidine	5 R	8.2 U	5 U	5 U	5 R	8.2 U	5 U	4.9 U
Benzo(a)anthracene	3.5 U	1.9 U	3.5 U	3.5 U	3.5 U	1.9 U	3.5 U	3.5 U
Benzo(a)pyrene	3.3 U	1.9 U	3.3 U	3.3 U	3.3 U	1.9 U	3.3 U	3.3 U
Benzo(b)fluoranthene	2.6 U	1.9 U	2.6 U	2.6 U	2.6 U	1.9 U	2.6 U	2.6 U
Benzo(b+k)fluoranthene(total)	---	---	---	---	---	---	---	---
Benzo(g,h,i)perylene	5 U	2.9 U	5 U	5 U	5 U	2.9 U	5 U	5 U
Benzo(k)fluoranthene	3.2 U	1.9 U	3.2 U	3.2 U	3.2 U	1.9 U	3.2 U	3.2 U
Bis(2-chloroethoxy)methane	3.7 U	1.9 U	3.7 U	3.7 U	3.7 U	1.9 U	3.7 U	3.7 U
Bis(2-chloroethyl)ether	4.2 U	2.4 U	4.2 U	4.2 U	4.2 U	2.4 U	4.2 U	4.2 U
Bis(2-chloroisopropyl)ether	4.4 U	2.4 U	4.4 U	4.4 U	4.4 U	2.4 U	4.4 U	4.4 U
Bis(2-ethylhexyl)phthalate	5 U	3.8 U	5 U	5 U	5 U	3.8 U	5 U	4.9 U
Butyl benzyl phthalate	3.3 U	3.8 U	3.3 U	3.3 U	3.3 U	3.8 U	3.3 U	3.3 U
Chrysene	2.7 U	1.9 U	2.7 U	2.7 U	2.7 U	1.9 U	2.7 U	2.7 U

See last page of Table VII for notes and abbreviations.

TABLE VII
SUMMARY OF ANALYSES FOR SEMI-VOLATILE ORGANIC CONSTITUENTS, 2006
BOEING SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well Identifier	RD-51B	RD-51B	RD-51C	RD-51C	RD-51C	RD-51C	RD-55A	RD-55A
Sample Port	---	---	---	---	---	---	---	---
Sample Date	08/14/06	11/07/06	02/09/06	05/11/06	08/14/06	11/07/06	02/09/06	05/16/06
SampleType	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Sample Qualifier	---	---	---	---	---	---	---	---
Analysis Method	8270C	8270C	8270C	8270C	8270C	8270C	8270C	8270C
Laboratory	TA	TA	DMA	DMA	TA	TA	DMA	TA
Compound (ug/l)								
Di-n-butyl phthalate	2.7 U	1.9 U	2.7 U	2.7 U	2.7 U	1.9 U	2.7 U	2.7 U
Di-n-octyl phthalate	4.5 R	1.9 U	4.5 U	4.5 U	4.5 R	1.9 U	4.5 U	4.5 U
Dibenz(a,h)anthracene	4.5 U	2.9 U	4.5 U	4.5 U	4.5 U	2.9 U	4.5 U	4.5 U
Diethyl phthalate	3 U	1.9 U	3 U	3 U	3 U	1.9 U	3 U	2.9 U
Dimethyl phthalate	3.4 U	1.9 U	3.4 U	3.4 U	3.4 U	1.9 U	3.4 U	3.4 U
Fluoranthene	4 U	1.9 U	4 U	4 U	4 U	1.9 U	4 U	4 U
Fluorene	3.7 U	1.9 U	3.7 U	3.7 U	3.7 U	1.9 U	3.7 U	3.7 U
Hexachlorobenzene	4.6 U	2.4 U	4.6 U	4.6 U	4.6 U	2.4 U	4.6 U	4.5 U
Hexachlorobutadiene	4 U	3.4 U	4 U	4 U	4 U	3.4 U	4 U	4 U
Hexachloroethane	4 U	2.9 U	4 U	4 U	4 U	2.9 U	4 U	4 U
Indeno(1,2,3-cd)pyrene	5.1 U	2.9 U	5.1 U	5.1 U	5.1 U	2.9 U	5.1 U	5.1 U
Isophorone	3.5 U	1.9 U	3.5 U	3.5 U	3.5 U	1.9 U	3.5 U	3.5 U
N-Nitroso-di-n-propylamine	3.4 U	2.4 U	3.4 U	3.4 U	3.4 U	2.4 U	3.4 U	3.4 U
N-Nitrosodimethylamine	3.5 U	2.4 U	3.5 U	3.5 U	3.5 U	2.4 U	3.5 U	3.5 U
N-Nitrosodiphenylamine	3.8 U	1.9 U	3.8 U	3.8 U	3.8 U	1.9 U	3.8 U	3.8 U
Naphthalene	4.3 U	2.4 U	4.3 U	4.3 U	4.3 U	2.4 U	4.3 U	4.3 U
Nitrobenzene	4 U	2.4 U	4 U	4 U	4 U	2.4 U	4 U	4 U
Pentachlorophenol	3.8 U	3.4 U	3.8 U	3.8 U	3.8 U	3.4 U	3.8 U	3.8 U
Phenanthrene	3.1 U	1.9 U	3.1 U	3.1 U	3.1 U	1.9 U	3.1 U	3.1 U
Phenol	3.8 U	1.9 U	3.8 U	3.8 U	3.8 U	1.9 U	3.8 U	3.8 U

See last page of Table VII for notes and abbreviations.

TABLE VII
SUMMARY OF ANALYSES FOR SEMI-VOLATILE ORGANIC CONSTITUENTS, 2006
BOEING SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well Identifier	RD-55A	RD-55A	RD-55B	RD-55B	RD-55B	RD-55B	RD-58A	RD-58A
Sample Port	---	---	---	---	---	---	---	---
Sample Date	08/21/06	11/07/06	02/09/06	05/16/06	08/22/06	11/09/06	02/07/06	05/18/06
SampleType	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Sample Qualifier	---	---	---	---	---	---	---	---
Analysis Method	8270C	8270C	8270C	8270C	8270C	8270C	8270C	8270C
Laboratory	TA	TA	DMA	TA	TA	TA	DMA	DMA
Compound (ug/l)								
1,2,4-Trichlorobenzene	4.2 U	2.4 U	4.2 U	4.2 U	4.2 U	2.4 U	4.2 U	4.4 U
1,2-Dichlorobenzene	4.2 U	2.9 U	4.3 U	4.3 U	4.3 U	2.8 U	4.3 U	4.5 U
1,2-Diphenylhydrazine/Azobenzene	4.7 U	1.9 U	4.8 U	4.8 U	4.8 U	1.9 U	4.8 U	5 U
1,3-Dichlorobenzene	3.9 U	2.9 U	3.9 U	3.9 U	3.9 U	2.8 U	3.9 U	4.1 U
1,3-Dinitrobenzene	2.8 U	2.9 U	2.9 U	2.9 U	2.9 U	2.8 U	2.9 U	3 U
1,4-Dichlorobenzene	3.7 U	2.4 U	3.7 U	3.8 U	3.8 U	2.4 U	3.8 U	3.9 U
2,4,6-Trichlorophenol	3.9 U	2.9 U	3.9 U	3.9 U	3.9 U	2.8 U	3.9 U	4.1 U
2,4-Dichlorophenol	3.9 U	1.9 U	3.9 U	3.9 U	3.9 U	1.9 U	3.9 U	4.1 U
2,4-Dimethylphenol	4.2 U	3.3 U	4.2 U	4.2 U	4.2 U	3.3 U	4.2 U	4.4 U
2,4-Dinitrophenol	5 U	4.3 U	5 U	5.1 U	5.1 U	4.2 U	5.1 U	5.3 U
2,4-Dinitrotoluene	4 U	1.9 U	4 U	4 U	4 U	1.9 U	4 U	4.2 U
2,6-Dinitrotoluene	3 U	1.9 U	3 U	3.1 U	3.1 U	1.9 U	3.1 U	3.2 U
2-Chloronaphthalene	3.8 U	1.9 U	3.8 U	3.8 U	3.8 U	1.9 U	3.8 U	4 U
2-Chlorophenol	4 U	1.9 U	4 U	4 U	4 U	1.9 U	4 U	4.2 U
2-Methylnaphthalene	---	---	---	---	---	---	---	---
2-Methylphenol	---	---	---	---	---	---	---	---
2-Nitrophenol	4 U	3.3 U	4 U	4 U	4 U	3.3 U	4 U	4.2 U
3,3-Dichlorobenzidine	10 U	2.9 U	10 U	11 U	11 U	2.8 U	11 U	11 U
4,6-Dinitro-2-methylphenol	4.8 U	3.8 U	4.9 U	4.9 U	4.9 U	3.8 U	4.9 U	5.1 U
4-Bromophenyl phenyl ether	4.3 U	2.4 U	4.4 U	4.4 U	4.4 U	2.4 U	4.4 U	4.6 U
4-Chloro-3-methylphenol	3.3 U	1.9 U	3.3 U	3.4 U	3.4 U	1.9 U	3.4 U	3.5 U
4-Chlorophenyl phenyl ether	2.8 U	1.9 U	2.9 U	2.9 U	2.9 U	1.9 U	2.9 U	3 U
3 & 4-Methylphenol	---	---	---	---	---	---	---	---
4-Methylphenol	---	---	---	---	---	---	---	---
4-Nitrophenol	6.2 U	5.2 U	6.3 U	6.3 U	6.3 U	5.2 U	6.3 U	6.6 U
Acenaphthene	4.1 U	1.9 U	4.1 U	4.1 U	4.1 U	1.9 U	4.1 U	4.3 U
Acenaphthylene	3 U	1.9 U	3 U	3.1 U	3.1 U	1.9 U	3.1 U	3.2 U
Anthracene	3 U	1.9 U	3 U	3.1 U	3.1 U	1.9 U	3.1 U	3.2 U
Benzidine	4.9 U	8.1 U	5 U	5 U	5 U	8 U	5 U	5.2 U
Benzo(a)anthracene	3.5 U	1.9 U	3.5 U	3.6 U	3.6 U	1.9 U	3.6 U	3.7 U
Benzo(a)pyrene	3.3 U	1.9 U	3.3 U	3.4 U	3.4 U	1.9 U	3.4 U	3.5 U
Benzo(b)fluoranthene	2.5 U	1.9 U	2.6 U	2.6 U	2.6 U	1.9 U	2.6 U	2.7 U
Benzo(b+k)fluoranthene(total)	---	---	---	---	---	---	---	---
Benzo(g,h,i)perylene	5 U	2.9 U	5 U	5.1 U	5.1 U	2.8 U	5.1 U	5.3 U
Benzo(k)fluoranthene	3.2 U	1.9 U	3.2 U	3.3 U	3.3 U	1.9 U	3.3 U	3.4 U
Bis(2-chloroethoxy)methane	3.7 U	1.9 U	3.7 U	3.8 U	3.8 U	1.9 U	3.8 U	3.9 U
Bis(2-chloroethyl)ether	4.2 U	2.4 U	4.2 U	4.2 U	4.2 U	2.4 U	4.2 U	4.4 U
Bis(2-chloroisopropyl)ether	4.3 U	2.4 U	4.4 U	4.4 U	4.4 U	2.4 U	4.4 U	4.6 U
Bis(2-ethylhexyl)phthalate	4.9 U	3.8 U	5 U	5 U	5 U	3.8 U	5 U	5.2 U
Butyl benzyl phthalate	3.3 U	3.8 U	3.3 U	3.4 U	3.4 U	3.8 U	3.4 U	3.5 U
Chrysene	2.6 U	1.9 U	2.7 U	2.7 U	2.7 U	1.9 U	2.7 U	2.8 U

See last page of Table VII for notes and abbreviations.

TABLE VII
SUMMARY OF ANALYSES FOR SEMI-VOLATILE ORGANIC CONSTITUENTS, 2006
BOEING SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well Identifier	RD-55A	RD-55A	RD-55B	RD-55B	RD-55B	RD-55B	RD-58A	RD-58A
Sample Port	---	---	---	---	---	---	---	---
Sample Date	08/21/06	11/07/06	02/09/06	05/16/06	08/22/06	11/09/06	02/07/06	05/18/06
SampleType	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Sample Qualifier	---	---	---	---	---	---	---	---
Analysis Method	8270C	8270C	8270C	8270C	8270C	8270C	8270C	8270C
Laboratory	TA	TA	DMA	TA	TA	TA	DMA	DMA
Compound (ug/l)								
Di-n-butyl phthalate	2.6 U	1.9 U	2.7 U	2.7 U	2.7 U	1.9 U	2.7 U	2.8 U
Di-n-octyl phthalate	4.4 U	1.9 U	4.5 U	4.5 U	4.5 U	1.9 U	4.5 U	4.7 U
Dibenz(a,h)anthracene	4.4 U	2.9 U	4.5 U	4.5 U	4.5 U	2.8 U	4.5 U	4.7 U
Diethyl phthalate	2.9 U	1.9 U	3 U	3 U	3 U	1.9 U	3 U	3.1 U
Dimethyl phthalate	3.4 U	1.9 U	3.4 U	3.5 U	3.5 U	1.9 U	3.5 U	3.6 U
Fluoranthene	4 U	1.9 U	4 U	4 U	4 U	1.9 U	4 U	4.2 U
Fluorene	3.7 U	1.9 U	3.7 U	3.8 U	3.8 U	1.9 U	3.8 U	3.9 U
Hexachlorobenzene	4.5 U	2.4 U	4.6 U	4.6 U	4.6 U	2.4 U	4.6 U	4.8 U
Hexachlorobutadiene	4 U	3.3 U	4 U	4 U	4 U	3.3 U	4 U	4.2 U
Hexachloroethane	4 U	2.9 U	4 U	4 U	4 U	2.8 U	4 U	4.2 U
Indeno(1,2,3-cd)pyrene	5.1 U	2.9 U	5.1 U	5.2 U	5.2 U	2.8 U	5.2 U	5.4 U
Isophorone	3.5 U	1.9 U	3.5 U	3.6 U	3.6 U	1.9 U	3.6 U	3.7 U
N-Nitroso-di-n-propylamine	3.4 U	2.4 U	3.4 U	3.5 U	3.5 U	2.4 U	3.5 U	3.6 U
N-Nitrosodimethylamine	3.5 U	2.4 U	3.5 U	3.6 U	3.6 U	2.4 U	3.6 U	3.7 U
N-Nitrosodiphenylamine	3.8 U	1.9 U	3.8 U	3.8 U	3.8 U	1.9 U	3.8 U	4 U
Naphthalene	4.2 U	2.4 U	4.3 U	4.3 U	4.3 U	2.4 U	4.3 U	4.5 U
Nitrobenzene	4 U	2.4 U	4 U	4 U	4 U	2.4 U	4 U	4.2 U
Pentachlorophenol	3.8 U	3.3 U	3.8 U	3.8 U	3.8 U	3.3 U	3.8 U	4 U
Phenanthrene	3.1 U	1.9 U	3.1 U	3.2 U	3.2 U	1.9 U	3.2 U	3.3 U
Phenol	3.8 U	1.9 U	3.8 U	3.8 U	3.8 U	1.9 U	3.8 U	4 U

See last page of Table VII for notes and abbreviations.

TABLE VII
SUMMARY OF ANALYSES FOR SEMI-VOLATILE ORGANIC CONSTITUENTS, 2006
BOEING SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well Identifier	RD-58A	RD-58A	RD-58B	RD-58B	RD-58B	RD-77	RD-86	HAR-07
Sample Port	---	---	---	---	---	---	---	---
Sample Date	08/15/06	11/13/06	05/16/06	08/15/06	11/09/06	08/17/06	03/16/06	02/14/06
SampleType	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Sample Qualifier	---	---	---	---	---	---	---	---
Analysis Method	8270C	8270C	8270C	8270C	8270C	8270C	8270C	8270C
Laboratory	TA	TA	DMA	TA	TA	TA	DMA	DMA
Compound (ug/l)								
1,2,4-Trichlorobenzene	4.2 U	2.4 U	4.3 U	4.2 U	2.4 U	4.2 U	4.2 U	4.2 U
1,2-Dichlorobenzene	4.3 U	2.8 U	4.4 U	4.3 U	2.8 U	4.3 U	4.2 U	4.3 U
1,2-Diphenylhydrazine/Azobenzene	4.8 U	1.9 U	4.9 U	4.8 U	1.9 U	4.8 U	4.7 U	4.8 U
1,3-Dichlorobenzene	3.9 U	2.8 U	4 U	3.9 U	2.8 U	3.9 U	3.9 U	3.9 U
1,3-Dinitrobenzene	2.9 U	2.8 U	2.9 U	2.9 U	2.8 U	2.9 U	---	2.9 U
1,4-Dichlorobenzene	3.7 U	2.4 U	3.8 U	3.7 U	2.4 U	3.7 U	3.7 U	3.8 U
2,4,6-Trichlorophenol	3.9 U	2.8 U	4 U	3.9 U	2.8 U	3.9 U	3.9 U	3.9 U
2,4-Dichlorophenol	3.9 U	1.9 U	4 U	3.9 U	1.9 U	3.9 U	3.9 U	3.9 U
2,4-Dimethylphenol	4.2 U	3.3 U	4.3 U	4.2 U	3.3 U	4.2 U	4.2 U	4.2 U
2,4-Dinitrophenol	5 U	4.2 U	5.1 U	5.1 U	4.2 U	5.1 U	5 U	5.1 U
2,4-Dinitrotoluene	4 U	1.9 U	4.1 U	4 U	1.9 U	4 U	4 U	4 U
2,6-Dinitrotoluene	3 U	1.9 U	3.1 U	3.1 U	1.9 U	3.1 U	3 U	3.1 U
2-Chloronaphthalene	3.8 U	1.9 U	3.9 U	3.8 U	1.9 U	3.8 U	3.8 U	3.8 U
2-Chlorophenol	4 U	1.9 U	4.1 U	4 U	1.9 U	4 U	4 U	4 U
2-Methylnaphthalene	---	---	---	---	---	---	---	---
2-Methylphenol	---	---	---	---	---	---	---	---
2-Nitrophenol	4 U	3.3 U	4.1 U	4 U	3.3 U	4 U	4 U	4 U
3,3-Dichlorobenzidine	10 U	2.8 U	11 U	11 U	2.8 U	11 U	10 U	11 U
4,6-Dinitro-2-methylphenol	4.9 U	3.8 U	5 U	4.9 U	3.8 U	4.9 U	4.8 U	4.9 U
4-Bromophenyl phenyl ether	4.4 U	2.4 U	4.5 U	4.4 U	2.4 U	4.4 U	4.3 U	4.4 U
4-Chloro-3-methylphenol	3.3 U	1.9 U	3.4 U	3.3 U	1.9 U	3.3 U	3.3 U	3.4 U
4-Chlorophenyl phenyl ether	2.9 U	1.9 U	2.9 U	2.9 U	1.9 U	2.9 U	2.8 U	2.9 U
3 & 4-Methylphenol	---	---	---	---	---	---	---	---
4-Methylphenol	---	---	---	---	---	---	---	---
4-Nitrophenol	6.3 U	5.2 U	6.4 U	6.3 U	5.2 U	6.3 U	6.2 U	6.3 U
Acenaphthene	4.1 U	1.9 U	4.2 U	4.1 U	1.9 U	4.1 U	4.1 U	4.1 U
Acenaphthylene	3 U	1.9 U	3.1 U	3.1 U	1.9 U	3.1 U	3 U	3.1 U
Anthracene	3 U	1.9 U	3.1 U	3.1 U	1.9 U	3.1 U	3 U	3.1 U
Benzidine	5 U	8 R	5 U	5 U	8 U	5 U	4.9 U	5 U
Benzo(a)anthracene	3.5 U	1.9 U	3.6 U	3.5 U	1.9 U	3.5 U	3.5 U	3.6 U
Benzo(a)pyrene	3.3 U	1.9 U	3.4 U	3.3 U	1.9 U	3.3 U	3.3 U	3.4 U
Benzo(b)fluoranthene	2.6 U	1.9 U	2.6 U	2.6 U	1.9 U	2.6 U	2.5 U	2.6 U
Benzo(b+k)fluoranthene(total)	---	---	---	---	---	---	---	---
Benzo(g,h,i)perylene	5 U	2.8 U	5.1 U	5.1 U	2.8 U	5.1 U	5 U	5.1 U
Benzo(k)fluoranthene	3.2 U	1.9 U	3.3 U	3.3 U	1.9 U	3.3 U	3.2 U	3.3 U
Bis(2-chloroethoxy)methane	3.7 U	1.9 U	3.8 U	3.7 U	1.9 U	3.7 U	3.7 U	3.8 U
Bis(2-chloroethyl)ether	4.2 U	2.4 U	4.3 U	4.2 U	2.4 U	4.2 U	4.2 U	4.2 U
Bis(2-chloroisopropyl)ether	4.4 U	2.4 U	4.5 U	4.4 U	2.4 U	4.4 U	4.3 U	4.4 U
Bis(2-ethylhexyl)phthalate	5 U	3.8 U	5 U	5 U	3.8 U	5 U	4.9 U	5 U
Butyl benzyl phthalate	3.3 U	5.4 J,L	3.4 U	3.3 U	3.8 U	3.3 U	3.3 U	3.4 U
Chrysene	2.7 U	1.9 U	2.7 U	2.7 U	1.9 U	2.7 U	2.6 U	2.7 U

See last page of Table VII for notes and abbreviations.

TABLE VII
SUMMARY OF ANALYSES FOR SEMI-VOLATILE ORGANIC CONSTITUENTS, 2006
BOEING SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well Identifier	RD-58A	RD-58A	RD-58B	RD-58B	RD-58B	RD-77	RD-86	HAR-07
Sample Port	---	---	---	---	---	---	---	---
Sample Date	08/15/06	11/13/06	05/16/06	08/15/06	11/09/06	08/17/06	03/16/06	02/14/06
SampleType	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Sample Qualifier	---	---	---	---	---	---	---	---
Analysis Method	8270C	8270C	8270C	8270C	8270C	8270C	8270C	8270C
Laboratory	TA	TA	DMA	TA	TA	TA	DMA	DMA
Compound (ug/l)								
Di-n-butyl phthalate	2.7 U	1.9 U	2.7 U	2.7 U	1.9 U	2.7 U	2.6 U	2.7 U
Di-n-octyl phthalate	4.5 R	1.9 U	4.6 U	4.5 R	1.9 U	4.5 U	4.4 U	4.5 U
Dibenz(a,h)anthracene	4.5 U	2.8 U	4.6 U	4.5 U	2.8 U	4.5 U	4.4 U	4.5 U
Diethyl phthalate	3 U	1.9 U	3 U	3 U	1.9 U	3 R	2.9 R	3 U
Dimethyl phthalate	3.4 U	1.9 U	3.5 U	3.4 U	1.9 U	3.4 U	3.4 R	3.5 U
Fluoranthene	4 U	1.9 U	4.1 U	4 U	1.9 U	4 U	4 U	4 U
Fluorene	3.7 U	1.9 U	3.8 U	3.7 U	1.9 U	3.7 U	3.7 U	3.8 U
Hexachlorobenzene	4.6 U	2.4 U	4.7 U	4.6 U	2.4 U	4.6 U	4.5 U	4.6 U
Hexachlorobutadiene	4 U	3.3 U	4.1 U	4 U	3.3 U	4 U	4 U	4 U
Hexachloroethane	4 U	2.8 U	4.1 U	4 U	2.8 U	4 U	4 U	4 U
Indeno(1,2,3-cd)pyrene	5.1 U	2.8 U	5.2 U	5.2 U	2.8 U	5.2 U	5.1 U	5.2 U
Isophorone	3.5 U	1.9 U	3.6 U	3.5 U	1.9 U	3.5 U	3.5 U	3.6 U
N-Nitroso-di-n-propylamine	3.4 U	2.4 U	3.5 U	3.4 U	2.4 U	3.4 U	3.4 U	3.5 U
N-Nitrosodimethylamine	3.5 U	2.4 U	3.6 U	3.5 U	2.4 U	3.5 U	0.01 U	3.6 U
N-Nitrosodiphenylamine	3.8 U	1.9 U	3.9 U	3.8 U	1.9 U	3.8 U	3.8 U	3.8 U
Naphthalene	4.3 U	2.4 U	4.4 U	4.3 U	2.4 U	4.3 U	4.2 U	4.3 U
Nitrobenzene	4 U	2.4 U	4.1 U	4 U	2.4 U	4 U	4 U	4 U
Pentachlorophenol	3.8 U	3.3 U	3.9 U	3.8 U	3.3 U	3.8 U	3.8 U	3.8 U
Phenanthrene	3.1 U	1.9 U	3.2 U	3.2 U	1.9 U	3.2 U	3.1 U	3.2 U
Phenol	3.8 U	1.9 U	3.9 U	3.8 U	1.9 U	3.8 U	3.8 U	3.8 U

See last page of Table VII for notes and abbreviations.

TABLE VII
SUMMARY OF ANALYSES FOR SEMI-VOLATILE ORGANIC CONSTITUENTS, 2006
BOEING SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well Identifier	HAR-07	HAR-07	HAR-07	HAR-08	HAR-08	HAR-08	HAR-08	HAR-16
Sample Port	---	---	---	---	---	---	---	---
Sample Date	05/11/06	08/15/06	11/08/06	02/14/06	05/11/06	08/15/06	11/09/06	05/10/06
SampleType	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Sample Qualifier	---	---	---	---	---	---	---	---
Analysis Method	8270C	8270C	8270C	8270C	8270C	8270C	8270C	8270C
Laboratory	TA	TA	TA	DMA	DMA	TA	TA	TA
Compound (ug/l)								
1,2,4-Trichlorobenzene	0.26 U	4.2 U	2.4 U	4.2 U	4.2 U	4.3 U	2.4 U	0.26 U
1,2-Dichlorobenzene	0.3 U	4.3 U	2.9 U	4.3 U	4.3 U	4.4 U	2.9 U	0.3 U
1,2-Diphenylhydrazine/Azobenzene	0.3 U	4.8 U	1.9 U	4.8 U	4.8 U	4.9 U	1.9 U	0.3 U
1,3-Dichlorobenzene	0.36 U	3.9 U	2.9 U	3.9 U	3.9 U	4 U	2.9 U	0.36 U
1,3-Dinitrobenzene	1.9 U	2.9 U	2.9 U	2.9 U	2.9 U	2.9 U	2.9 U	1.9 U
1,4-Dichlorobenzene	0.32 U	3.7 U	2.4 U	3.8 U	3.7 U	3.8 U	2.4 U	0.32 U
2,4,6-Trichlorophenol	0.88 U	3.9 U	2.9 U	3.9 U	3.9 U	4 U	2.9 U	0.88 U
2,4-Dichlorophenol	0.77 U	3.9 U	1.9 U	3.9 U	3.9 U	4 U	1.9 U	0.77 U
2,4-Dimethylphenol	0.8 U	4.2 U	3.3 U	4.2 U	4.2 U	4.3 U	3.3 U	0.8 U
2,4-Dinitrophenol	1.4 U	5 U	4.3 U	5.1 U	5 U	5.2 U	4.3 U	1.4 U
2,4-Dinitrotoluene	0.4 U	4 U	1.9 U	4 U	4 U	4.1 U	1.9 U	0.4 U
2,6-Dinitrotoluene	0.24 U	3 U	1.9 U	3.1 U	3 U	3.1 U	1.9 U	0.24 U
2-Chloronaphthalene	0.26 U	3.8 U	1.9 U	3.8 U	3.8 U	3.9 U	1.9 U	0.26 U
2-Chlorophenol	0.71 U	4 U	1.9 U	4 U	4 U	4.1 U	1.9 U	0.71 U
2-Methylnaphthalene	0.3 U	---	---	---	---	---	---	0.3 U
2-Methylphenol	0.48 U	---	---	---	---	---	---	0.48 U
2-Nitrophenol	0.84 U	4 U	3.3 U	4 U	4 U	4.1 U	3.3 U	0.84 U
3,3-Dichlorobenzidine	1.5 U	10 U	2.9 U	11 U	10 U	11 U	2.9 U	1.5 U
4,6-Dinitro-2-methylphenol	0.33 U	4.9 U	3.8 U	4.9 U	4.9 U	5 U	3.8 U	0.33 U
4-Bromophenyl phenyl ether	0.23 U	4.4 U	2.4 U	4.4 U	4.4 U	4.5 U	2.4 U	0.23 U
4-Chloro-3-methylphenol	0.4 U	3.3 U	1.9 U	3.4 U	3.3 U	3.4 U	1.9 U	0.4 U
4-Chlorophenyl phenyl ether	0.24 U	2.9 U	1.9 U	2.9 U	2.9 U	2.9 U	1.9 U	0.24 U
3 & 4-Methylphenol	0.3 U	---	---	---	---	---	---	0.3 U
4-Methylphenol	0.3 U	---	---	---	---	---	---	0.3 U
4-Nitrophenol	1 U	6.3 U	5.3 U	6.3 U	6.3 U	6.4 U	5.2 U	1 U
Acenaphthene	0.31 U	4.1 U	1.9 U	4.1 U	4.1 U	4.2 U	1.9 U	0.31 U
Acenaphthylene	0.26 U	3 U	1.9 U	3.1 U	3 U	3.1 U	1.9 U	0.26 U
Anthracene	0.28 U	3 U	1.9 U	3.1 U	3 U	3.1 U	1.9 U	0.28 U
Benzidine	3.2 U	5 U	8.1 U	5 U	5 U	5.1 U	8.1 U	3.2 U
Benzo(a)anthracene	0.19 U	3.5 U	1.9 U	3.6 U	3.5 U	3.6 U	1.9 U	0.19 U
Benzo(a)pyrene	0.2 U	3.3 U	1.9 U	3.4 U	3.3 U	3.4 U	1.9 U	0.2 U
Benzo(b)fluoranthene	0.16 U	2.6 U	1.9 U	2.6 U	2.6 U	2.6 U	1.9 U	0.16 U
Benzo(b+k)fluoranthene(total)	---	---	---	---	---	---	---	---
Benzo(g,h,i)perylene	0.31 U	5 U	2.9 U	5.1 U	5 U	5.2 U	2.9 U	0.31 U
Benzo(k)fluoranthene	0.23 U	3.2 U	1.9 U	3.3 U	3.2 U	3.3 U	1.9 U	0.23 U
Bis(2-chloroethoxy)methane	0.4 U	3.7 U	1.9 U	3.8 U	3.7 U	3.8 U	1.9 U	0.4 U
Bis(2-chloroethyl)ether	0.46 U	4.2 U	2.4 U	4.2 U	4.2 U	4.3 U	2.4 U	0.46 U
Bis(2-chloroisopropyl)ether	0.48 U	4.4 U	2.4 U	4.4 U	4.4 U	4.5 U	2.4 U	0.48 U
Bis(2-ethylhexyl)phthalate	0.54 U	5 U	3.8 U	5 U	5 U	5.1 U	3.8 U	0.66 U
Butyl benzyl phthalate	0.29 U	3.3 U	3.8 U	3.4 U	3.3 U	3.4 U	3.8 U	0.29 U
Chrysene	0.25 U	2.7 U	1.9 U	2.7 U	2.7 U	2.7 U	1.9 U	0.25 U

See last page of Table VII for notes and abbreviations.

TABLE VII
SUMMARY OF ANALYSES FOR SEMI-VOLATILE ORGANIC CONSTITUENTS, 2006
BOEING SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well Identifier	HAR-07	HAR-07	HAR-07	HAR-08	HAR-08	HAR-08	HAR-08	HAR-16
Sample Port	---	---	---	---	---	---	---	---
Sample Date	05/11/06	08/15/06	11/08/06	02/14/06	05/11/06	08/15/06	11/09/06	05/10/06
SampleType	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Sample Qualifier	---	---	---	---	---	---	---	---
Analysis Method	8270C	8270C	8270C	8270C	8270C	8270C	8270C	8270C
Laboratory	TA	TA	TA	DMA	DMA	TA	TA	TA
Compound (ug/l)								
Di-n-butyl phthalate	0.53 U	2.7 U	1.9 U	2.7 U	2.7 U	2.7 U	1.9 U	0.53 U
Di-n-octyl phthalate	0.28 U	4.5 U	1.9 U	4.5 U	4.5 U	4.6 R	1.9 U	0.28 U
Dibenz(a,h)anthracene	0.32 U	4.5 U	2.9 U	4.5 U	4.5 U	4.6 U	2.9 U	0.32 U
Diethyl phthalate	0.23 U	3 U	1.9 U	3 U	3 U	3 U	1.9 U	0.23 U
Dimethyl phthalate	0.26 U	3.4 U	1.9 U	3.5 U	3.4 U	3.5 U	1.9 U	0.26 U
Fluoranthene	0.16 U	4 U	1.9 U	4 U	4 U	4.1 U	1.9 U	0.16 U
Fluorene	0.28 U	3.7 U	1.9 U	3.8 U	3.7 U	3.8 U	1.9 U	0.28 U
Hexachlorobenzene	0.15 U	4.6 U	2.4 U	4.6 U	4.6 U	4.7 U	2.4 U	0.15 U
Hexachlorobutadiene	0.41 U	4 U	3.3 U	4 U	4 U	4.1 U	3.3 U	0.41 U
Hexachloroethane	0.36 U	4 U	2.9 U	4 U	4 U	4.1 U	2.9 U	0.36 U
Indeno(1,2,3-cd)pyrene	0.32 U	5.1 U	2.9 U	5.2 U	5.1 U	5.3 U	2.9 U	0.32 U
Isophorone	0.33 U	3.5 U	1.9 U	3.6 U	3.5 U	3.6 U	1.9 U	0.33 U
N-Nitroso-di-n-propylamine	0.41 U	3.4 U	2.4 U	3.5 U	3.4 U	3.5 U	2.4 U	0.41 U
N-Nitrosodimethylamine	0.36 U	3.5 U	2.4 U	3.6 U	3.5 U	3.6 U	2.4 U	0.36 U
N-Nitrosodiphenylamine	0.23 U	3.8 U	1.9 U	3.8 U	3.8 U	3.9 U	1.9 U	0.23 U
Naphthalene	0.35 U	4.3 U	2.4 U	4.3 U	4.3 U	4.4 U	2.4 U	0.35 U
Nitrobenzene	0.37 U	4 U	2.4 U	4 U	4 U	4.1 U	2.4 U	0.37 U
Pentachlorophenol	0.159 U	3.8 U	3.3 U	3.8 U	3.8 U	3.9 U	3.3 U	0.157 U
Phenanthrene	0.25 U	3.1 U	1.9 U	3.2 U	3.1 U	3.2 U	1.9 U	0.25 U
Phenol	0.3 U	3.8 U	1.9 U	3.8 U	3.8 U	3.9 U	1.9 U	0.3 U

See last page of Table VII for notes and abbreviations.

TABLE VII

SUMMARY OF ANALYSES FOR SEMI-VOLATILE ORGANIC CONSTITUENTS, 2006
BOEING SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well Identifier	HAR-17	HAR-17	HAR-17	HAR-17	HAR-18	HAR-20	HAR-20	HAR-20
Sample Port	---	---	---	---	---	---	---	---
Sample Date	05/10/06	09/01/06	09/01/06	09/01/06	11/09/06	02/22/06	05/16/06	08/31/06
SampleType	Primary	Primary	Dup	Split	Primary	Primary	Primary	Primary
Sample Qualifier	---	---	---	---	---	---	---	---
Analysis Method	8270C	8270C	8270C	8270C	8270C	8270C	8270C	8270C
Laboratory	TA	TA	TA	Weck	TA	DMA	TA	TA
Compound (ug/l)								
1,2,4-Trichlorobenzene	0.26 U	4.3 U	4.2 U	4.4 U	2.4 R	4.3 U	4.2 U	4.2 U
1,2-Dichlorobenzene	0.3 U	4.4 U	4.3 U	4.5 U	2.8 R	4.4 U	4.3 U	4.2 U
1,2-Diphenylhydrazine/Azobenzene	0.3 U	4.9 U	4.8 U	5 U	1.9 R	4.9 U	4.8 U	4.7 U
1,3-Dichlorobenzene	0.36 U	4 U	3.9 U	4.1 U	2.8 R	4 U	3.9 U	3.9 U
1,3-Dinitrobenzene	1.9 U	2.9 U	2.9 U	---	2.8 R	2.9 U	2.9 U	2.8 U
1,4-Dichlorobenzene	0.32 U	3.8 U	3.7 U	3.9 U	2.4 R	3.8 U	3.8 U	3.7 U
2,4,6-Trichlorophenol	0.88 U	4 U	3.9 U	4.1 U	2.8 R	4 U	3.9 U	3.9 U
2,4-Dichlorophenol	0.77 U	4 U	3.9 U	4.1 U	1.9 R	4 U	3.9 U	3.9 U
2,4-Dimethylphenol	0.8 U	4.3 U	4.2 U	4.4 U	3.3 R	4.3 U	4.2 U	4.2 U
2,4-Dinitrophenol	1.4 U	5.1 U	5 U	5.3 U	4.2 R	5.1 U	5.1 U	5 U
2,4-Dinitrotoluene	0.4 U	4.1 U	4 U	4.2 R	1.9 R	4.1 U	4 U	4 U
2,6-Dinitrotoluene	0.24 U	3.1 U	3 U	3.2 U	1.9 R	3.1 U	3.1 U	3 U
2-Chloronaphthalene	0.26 U	3.9 U	3.8 U	4 U	1.9 R	3.9 U	3.8 U	3.8 U
2-Chlorophenol	0.71 U	4.1 U	4 U	4.2 U	1.9 R	4.1 U	4 U	4 U
2-Methylnaphthalene	0.3 U	---	---	---	---	---	---	---
2-Methylphenol	0.48 U	---	---	---	---	---	---	---
2-Nitrophenol	0.84 U	4.1 U	4 U	4.2 U	3.3 R	4.1 U	4 U	4 U
3,3-Dichlorobenzidine	1.5 U	11 U	10 U	11 U	2.8 R	11 U	11 U	10 U
4,6-Dinitro-2-methylphenol	0.33 U	5 U	4.9 U	5.1 U	3.8 R	5 U	4.9 U	4.8 U
4-Bromophenyl phenyl ether	0.23 U	4.5 U	4.4 U	4.6 U	2.4 R	4.5 U	4.4 U	4.3 U
4-Chloro-3-methylphenol	0.4 U	3.4 U	3.3 U	3.5 U	1.9 R	3.4 U	3.4 U	3.3 U
4-Chlorophenyl phenyl ether	0.24 U	2.9 U	2.9 U	3 U	1.9 R	2.9 U	2.9 U	2.8 U
3 & 4-Methylphenol	0.3 U	---	---	---	---	---	---	---
4-Methylphenol	0.3 U	---	---	---	---	---	---	---
4-Nitrophenol	1 U	6.4 U	6.3 U	6.6 U	5.2 R	6.4 U	6.3 U	6.2 U
Acenaphthene	0.31 U	4.2 U	4.1 U	4.3 U	1.9 R	4.2 U	4.1 U	4.1 U
Acenaphthylene	0.26 U	3.1 U	3 U	3.2 U	1.9 R	3.1 U	3.1 U	3 U
Anthracene	0.28 U	3.1 U	3 U	3.2 U	1.9 R	3.1 U	3.1 U	3 U
Benzidine	3.2 U	5 U	5 U	5.2 U	8 R	5 U	5 U	4.9 R
Benzo(a)anthracene	0.19 U	3.6 U	3.5 U	3.7 U	1.9 R	3.6 U	3.6 U	3.5 U
Benzo(a)pyrene	0.2 U	3.4 U	3.3 U	3.5 U	1.9 R	3.4 U	3.4 U	3.3 U
Benzo(b)fluoranthene	0.16 U	2.6 U	2.6 U	2.7 U	1.9 R	2.6 U	2.6 U	2.5 U
Benzo(b+k)fluoranthene(total)	---	---	---	---	---	---	---	---
Benzo(g,h,i)perylene	0.31 U	5.1 U	5 U	5.3 U	2.8 R	5.1 U	5.1 U	5 U
Benzo(k)fluoranthene	0.23 U	3.3 U	3.2 U	3.4 U	1.9 R	3.3 U	3.3 U	3.2 U
Bis(2-chloroethoxy)methane	0.4 U	3.8 U	3.7 U	3.9 U	1.9 R	3.8 U	3.8 U	3.7 U
Bis(2-chloroethyl)ether	0.46 U	4.3 U	4.2 U	4.4 U	2.4 R	4.3 U	4.2 U	4.2 U
Bis(2-chloroisopropyl)ether	0.48 U	4.5 U	4.4 U	4.6 U	2.4 R	4.5 U	4.4 U	4.3 U
Bis(2-ethylhexyl)phthalate	0.84 U	5 U	5 U	5.2 U	3.8 R	5 U	5 U	4.9 U
Butyl benzyl phthalate	0.29 U	3.4 U	3.3 U	3.5 U	3.8 R	3.4 U	3.4 U	3.3 U
Chrysene	0.25 U	2.7 U	2.7 U	2.8 U	1.9 R	2.7 U	2.7 U	2.6 U

See last page of Table VII for notes and abbreviations.

TABLE VII
SUMMARY OF ANALYSES FOR SEMI-VOLATILE ORGANIC CONSTITUENTS, 2006
BOEING SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well Identifier	HAR-17	HAR-17	HAR-17	HAR-17	HAR-18	HAR-20	HAR-20	HAR-20
Sample Port	---	---	---	---	---	---	---	---
Sample Date	05/10/06	09/01/06	09/01/06	09/01/06	11/09/06	02/22/06	05/16/06	08/31/06
SampleType	Primary	Primary	Dup	Split	Primary	Primary	Primary	Primary
Sample Qualifier	---	---	---	---	---	---	---	---
Analysis Method	8270C	8270C	8270C	8270C	8270C	8270C	8270C	8270C
Laboratory	TA	TA	TA	Weck	TA	DMA	TA	TA
Compound (ug/l)								
Di-n-butyl phthalate	0.53 U	2.7 U	2.7 U	2.8 U	1.9 R	2.7 U	2.7 U	2.6 U
Di-n-octyl phthalate	0.28 U	4.6 U	4.5 U	4.7 U	1.9 R	4.6 U	4.5 U	4.4 U
Dibenz(a,h)anthracene	0.32 U	4.6 U	4.5 U	4.7 U	2.8 R	4.6 U	4.5 U	4.4 U
Diethyl phthalate	0.26 J	3 U	3 U	3.1 U	1.9 R	3 U	3 U	2.9 R
Dimethyl phthalate	0.26 U	3.5 U	3.4 U	3.6 U	1.9 R	3.5 U	3.5 U	3.4 U
Fluoranthene	0.16 U	4.1 U	4 U	4.2 U	1.9 R	4.1 U	4 U	4 U
Fluorene	0.28 U	3.8 U	3.7 U	3.9 U	1.9 R	3.8 U	3.8 U	3.7 U
Hexachlorobenzene	0.15 U	4.7 U	4.6 U	4.8 U	2.4 R	4.7 U	4.6 U	4.5 U
Hexachlorobutadiene	0.41 U	4.1 U	4 U	4.2 U	3.3 R	4.1 U	4 U	4 U
Hexachloroethane	0.36 U	4.1 U	4 U	4.2 U	2.8 R	4.1 U	4 U	4 U
Indeno(1,2,3-cd)pyrene	0.32 U	5.2 U	5.1 U	5.4 U	2.8 R	5.2 U	5.2 U	5.1 U
Isophorone	0.33 U	3.6 U	3.5 U	3.7 U	1.9 R	3.6 U	3.6 U	3.5 U
N-Nitroso-di-n-propylamine	0.41 U	3.5 U	3.4 U	3.6 U	2.4 R	3.5 U	3.5 U	3.4 U
N-Nitrosodimethylamine	0.36 U	3.6 U	3.5 U	3.7 U	2.4 R	3.6 U	3.6 U	3.5 U
N-Nitrosodiphenylamine	0.23 U	3.9 U	3.8 U	4 U	1.9 R	3.9 U	3.8 U	3.8 U
Naphthalene	0.35 U	4.4 U	4.3 U	4.5 U	2.4 R	4.4 U	4.3 U	4.2 U
Nitrobenzene	0.37 U	4.1 U	4 U	4.2 U	2.4 R	4.1 U	4 U	4 U
Pentachlorophenol	0.159 U	3.9 U	3.8 U	4 U	3.3 R	3.9 U	3.8 U	3.8 U
Phenanthrene	0.25 U	3.2 U	3.1 U	3.3 U	1.9 R	3.2 U	3.2 U	3.1 U
Phenol	0.3 U	3.9 U	3.8 U	4 U	1.9 R	3.9 U	3.8 U	3.8 U

See last page of Table VII for notes and abbreviations.

TABLE VII
SUMMARY OF ANALYSES FOR SEMI-VOLATILE ORGANIC CONSTITUENTS, 2006
BOEING SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well Identifier	HAR-20	HAR-25	WS-05	WS-05	WS-05	WS-05	WS-06	WS-06
Sample Port	---	---	---	---	---	---	---	---
Sample Date	11/15/06	11/07/06	02/13/06	05/18/06	08/24/06	11/07/06	06/01/06	08/16/06
SampleType	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Sample Qualifier	---	---	---	---	---	---	---	---
Analysis Method	8270C	8270C	8270C	8270C	8270C	8270C	8270C	8270C
Laboratory	TA	TA	DMA	DMA	TA	TA	DMA	TA
Compound (ug/l)								
1,2,4-Trichlorobenzene	2.4 U	2.4 U	4.2 U	4.3 U	4.2 U	2.4 U	4.3 U	4.2 U
1,2-Dichlorobenzene	2.8 U	2.9 U	4.3 U	4.4 U	4.3 U	2.8 U	4.4 U	4.3 U
1,2-Diphenylhydrazine/Azobenzene	1.9 U	1.9 U	4.8 U	4.9 U	4.8 U	1.9 U	4.9 U	4.8 U
1,3-Dichlorobenzene	2.8 U	2.9 U	3.9 U	4 U	3.9 U	2.8 U	4 U	3.9 U
1,3-Dinitrobenzene	2.8 U	---	2.9 U	2.9 U	2.9 U	2.8 U	2.9 U	2.9 U
1,4-Dichlorobenzene	2.4 U	2.4 U	3.7 U	3.8 U	3.7 U	2.4 U	3.8 U	3.8 U
2,4,6-Trichlorophenol	2.8 U	2.9 U	3.9 U	4 U	3.9 U	2.8 U	4 U	3.9 U
2,4-Dichlorophenol	1.9 U	1.9 U	3.9 U	4 U	3.9 U	1.9 U	4 U	3.9 U
2,4-Dimethylphenol	3.3 U	3.4 U	4.2 U	4.3 U	4.2 U	3.3 U	4.3 U	4.2 U
2,4-Dinitrophenol	4.2 U	4.3 U	5 U	5.1 U	5 U	4.2 U	5.1 U	5.1 U
2,4-Dinitrotoluene	1.9 U	1.9 U	4 U	4.1 U	4 U	1.9 U	4.1 U	4 U
2,6-Dinitrotoluene	1.9 U	1.9 U	3 U	3.1 U	3 U	1.9 U	3.1 U	3.1 U
2-Chloronaphthalene	1.9 U	1.9 U	3.8 U	3.9 U	3.8 U	1.9 U	3.9 U	3.8 U
2-Chlorophenol	1.9 U	1.9 U	4 U	4.1 U	4 U	1.9 U	4.1 U	4 U
2-Methylnaphthalene	---	---	---	---	---	---	---	---
2-Methylphenol	---	---	---	---	---	---	---	---
2-Nitrophenol	3.3 U	3.4 U	4 U	4.1 U	4 U	3.3 U	4.1 U	4 U
3,3-Dichlorobenzidine	2.8 U	2.9 U	10 U	11 U	10 U	2.8 U	11 U	11 U
4,6-Dinitro-2-methylphenol	3.8 U	3.8 U	4.9 U	5 U	4.9 U	3.8 U	5 U	4.9 U
4-Bromophenyl phenyl ether	2.4 U	2.4 U	4.4 U	4.5 U	4.4 U	2.4 U	4.5 U	4.4 U
4-Chloro-3-methylphenol	1.9 U	1.9 U	3.3 U	3.4 U	3.3 U	1.9 U	3.4 U	3.4 U
4-Chlorophenyl phenyl ether	1.9 U	1.9 U	2.9 U	2.9 U	2.9 U	1.9 U	2.9 U	2.9 U
3 & 4-Methylphenol	---	---	---	---	---	---	---	---
4-Methylphenol	---	---	---	---	---	---	---	---
4-Nitrophenol	5.2 U	5.3 U	6.3 U	6.4 U	6.3 U	5.2 U	6.4 U	6.3 U
Acenaphthene	1.9 U	1.9 U	4.1 U	4.2 U	4.1 U	1.9 U	4.2 U	4.1 U
Acenaphthylene	1.9 U	1.9 U	3 U	3.1 U	3 U	1.9 U	3.1 U	3.1 U
Anthracene	1.9 U	1.9 U	3 U	3.1 U	3 U	1.9 U	3.1 U	3.1 U
Benzidine	8 R	8.2 R	5 U	5 U	5 U	8 U	5 U	5 U
Benzo(a)anthracene	1.9 U	1.9 U	3.5 U	3.6 U	3.5 U	1.9 U	3.6 U	3.6 U
Benzo(a)pyrene	1.9 U	1.9 U	3.3 U	3.4 U	3.3 U	1.9 U	3.4 U	3.4 U
Benzo(b)fluoranthene	1.9 U	1.9 U	2.6 U	2.6 U	2.6 U	1.9 U	2.6 U	2.6 U
Benzo(b+k)fluoranthene(total)	---	---	---	---	---	---	---	---
Benzo(g,h,i)perylene	2.8 U	2.9 U	5 U	5.1 U	5 U	2.8 U	5.1 U	5.1 U
Benzo(k)fluoranthene	1.9 U	1.9 U	3.2 U	3.3 U	3.2 U	1.9 U	3.3 U	3.3 U
Bis(2-chloroethoxy)methane	1.9 U	1.9 U	3.7 U	3.8 U	3.7 U	1.9 U	3.8 U	3.8 U
Bis(2-chloroethyl)ether	2.4 U	2.4 U	4.2 U	4.3 U	4.2 U	2.4 U	4.3 U	4.2 U
Bis(2-chloroisopropyl)ether	2.4 U	2.4 U	4.4 U	4.5 U	4.4 U	2.4 U	4.5 U	4.4 U
Bis(2-ethylhexyl)phthalate	3.8 U	3.8 U	5.8 J,S	5 U	5 U	3.8 U	5 U	5 U
Butyl benzyl phthalate	5.2 U	3.8 U	3.3 U	3.4 U	3.3 U	3.8 U	3.4 U	3.4 U
Chrysene	1.9 U	1.9 U	2.7 U	2.7 U	2.7 U	1.9 U	2.7 U	2.7 U

See last page of Table VII for notes and abbreviations.

TABLE VII

SUMMARY OF ANALYSES FOR SEMI-VOLATILE ORGANIC CONSTITUENTS, 2006
BOEING SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well Identifier	HAR-20	HAR-25	WS-05	WS-05	WS-05	WS-05	WS-06	WS-06
Sample Port	---	---	---	---	---	---	---	---
Sample Date	11/15/06	11/07/06	02/13/06	05/18/06	08/24/06	11/07/06	06/01/06	08/16/06
SampleType	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Sample Qualifier	---	---	---	---	---	---	---	---
Analysis Method	8270C	8270C	8270C	8270C	8270C	8270C	8270C	8270C
Laboratory	TA	TA	DMA	DMA	TA	TA	DMA	TA
Compound (ug/l)								
Di-n-butyl phthalate	1.9 U	1.9 U	2.7 U	2.7 U	2.7 U	1.9 U	2.7 U	2.7 U
Di-n-octyl phthalate	1.9 U	1.9 U	4.5 U	4.6 U	4.5 U	1.9 U	4.6 U	4.5 U
Dibenz(a,h)anthracene	2.8 U	2.9 U	4.5 U	4.6 U	4.5 U	2.8 U	4.6 U	4.5 U
Diethyl phthalate	1.9 U	1.9 U	3 U	3 U	3 U	1.9 U	3 U	3 U
Dimethyl phthalate	1.9 U	1.9 U	3.4 U	3.5 U	3.4 U	1.9 U	3.5 U	3.5 U
Fluoranthene	1.9 U	1.9 U	4 U	4.1 U	4 U	1.9 U	4.1 U	4 U
Fluorene	1.9 U	1.9 U	3.7 U	3.8 U	3.7 U	1.9 U	3.8 U	3.8 U
Hexachlorobenzene	2.4 U	2.4 U	4.6 U	4.7 U	4.6 U	2.4 U	4.7 U	4.6 U
Hexachlorobutadiene	3.3 U	3.4 U	4 U	4.1 U	4 U	3.3 U	4.1 U	4 U
Hexachloroethane	2.8 U	2.9 U	4 U	4.1 U	4 U	2.8 U	4.1 U	4 U
Indeno(1,2,3-cd)pyrene	2.8 U	2.9 U	5.1 U	5.2 U	5.1 U	2.8 U	5.2 U	5.2 U
Isophorone	1.9 U	1.9 U	3.5 U	3.6 U	3.5 U	1.9 U	3.6 U	3.6 U
N-Nitroso-di-n-propylamine	2.4 U	2.4 U	3.4 U	3.5 U	3.4 U	2.4 U	3.5 U	3.5 U
N-Nitrosodimethylamine	2.4 U	2.4 U	3.5 U	3.6 U	3.5 U	2.4 U	3.6 U	3.6 U
N-Nitrosodiphenylamine	1.9 U	1.9 U	3.8 U	3.9 U	3.8 U	1.9 U	3.9 U	3.8 U
Naphthalene	2.4 U	2.4 U	4.3 U	4.4 U	4.3 U	2.4 U	4.4 U	4.3 U
Nitrobenzene	2.4 U	2.4 U	4 U	4.1 U	4 U	2.4 U	4.1 U	4 U
Pentachlorophenol	3.3 U	3.4 U	3.8 U	3.9 U	3.8 U	3.3 U	3.9 U	3.8 U
Phenanthrene	1.9 U	1.9 U	3.1 U	3.2 U	3.1 U	1.9 U	3.2 U	3.2 U
Phenol	1.9 U	1.9 U	3.8 U	3.9 U	3.8 U	1.9 U	3.9 U	3.8 U

See last page of Table VII for notes and abbreviations.

TABLE VII
SUMMARY OF ANALYSES FOR SEMI-VOLATILE ORGANIC CONSTITUENTS, 2006
BOEING SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well Identifier	WS-06	WS-09	WS-09	WS-09	WS-09A	WS-09A
Sample Port	---	---	---	---	---	---
Sample Date	11/09/06	06/01/06	08/16/06	11/08/06	08/22/06	11/09/06
SampleType	Primary	Primary	Primary	Primary	Primary	Primary
Sample Qualifier	---	---	---	---	---	---
Analysis Method	8270C	8270C	8270C	8270C	8270C	8270C
Laboratory	TA	DMA	TA	TA	TA	TA
Compound (ug/l)						
1,2,4-Trichlorobenzene	2.4 U	4.2 U	4.3 U	2.4 U	4.3 U	2.4 U
1,2-Dichlorobenzene	2.9 U	4.3 U	4.4 U	2.8 U	4.4 U	2.8 U
1,2-Diphenylhydrazine/Azobenzene	1.9 U	4.8 U	4.9 U	1.9 U	4.9 U	1.9 U
1,3-Dichlorobenzene	2.9 U	3.9 U	4 U	2.8 U	4 U	2.8 U
1,3-Dinitrobenzene	2.9 U	2.9 U	2.9 U	2.8 U	2.9 U	2.8 U
1,4-Dichlorobenzene	2.4 U	3.7 U	3.8 U	2.4 U	3.8 U	2.4 U
2,4,6-Trichlorophenol	2.9 U	3.9 U	4 U	2.8 U	4 U	2.8 U
2,4-Dichlorophenol	1.9 U	3.9 U	4 U	1.9 U	4 U	1.9 U
2,4-Dimethylphenol	3.3 U	4.2 U	4.3 U	3.3 U	4.3 U	3.3 U
2,4-Dinitrophenol	4.3 U	5 U	5.1 U	4.2 U	5.2 U	4.2 U
2,4-Dinitrotoluene	1.9 U	4 U	4.1 U	1.9 U	4.1 U	1.9 U
2,6-Dinitrotoluene	1.9 U	3 U	3.1 U	1.9 U	3.1 U	1.9 U
2-Chloronaphthalene	1.9 U	3.8 U	3.9 U	1.9 U	3.9 U	1.9 U
2-Chlorophenol	1.9 U	4 U	4.1 U	1.9 U	4.1 U	1.9 U
2-Methylnaphthalene	---	---	---	---	---	---
2-Methylphenol	---	---	---	---	---	---
2-Nitrophenol	3.3 U	4 U	4.1 U	3.3 U	4.1 U	3.3 U
3,3-Dichlorobenzidine	2.9 U	10 U	11 U	2.8 U	11 U	2.8 U
4,6-Dinitro-2-methylphenol	3.8 U	4.9 U	5 U	3.8 U	5 U	3.8 U
4-Bromophenyl phenyl ether	2.4 U	4.4 U	4.5 U	2.4 U	4.5 U	2.4 U
4-Chloro-3-methylphenol	1.9 U	3.3 U	3.4 U	1.9 U	3.4 U	1.9 U
4-Chlorophenyl phenyl ether	1.9 U	2.9 U	2.9 U	1.9 U	2.9 U	1.9 U
3 & 4-Methylphenol	---	---	---	---	---	---
4-Methylphenol	---	---	---	---	---	---
4-Nitrophenol	5.2 U	6.3 U	6.4 U	5.2 U	6.4 U	5.2 U
Acenaphthene	1.9 U	4.1 U	4.2 U	1.9 U	4.2 U	1.9 U
Acenaphthylene	1.9 U	3 U	3.1 U	1.9 U	3.1 U	1.9 U
Anthracene	1.9 U	3 U	3.1 U	1.9 U	3.1 U	1.9 U
Benzidine	8.1 U	5 U	5 U	8 U	5.1 U	8 U
Benzo(a)anthracene	1.9 U	3.5 U	3.6 U	1.9 U	3.6 U	1.9 U
Benzo(a)pyrene	1.9 U	3.3 U	3.4 U	1.9 U	3.4 U	1.9 U
Benzo(b)fluoranthene	1.9 U	2.6 U	2.6 U	1.9 U	2.6 U	1.9 U
Benzo(b+k)fluoranthene(total)	---	---	---	---	---	---
Benzo(g,h,i)perylene	2.9 U	5 U	5.1 U	2.8 U	5.2 U	2.8 U
Benzo(k)fluoranthene	1.9 U	3.2 U	3.3 U	1.9 U	3.3 U	1.9 U
Bis(2-chloroethoxy)methane	1.9 U	3.7 U	3.8 U	1.9 U	3.8 U	1.9 U
Bis(2-chloroethyl)ether	2.4 U	4.2 U	4.3 U	2.4 U	4.3 U	2.4 U
Bis(2-chloroisopropyl)ether	2.4 U	4.4 U	4.5 U	2.4 U	4.5 U	2.4 U
Bis(2-ethylhexyl)phthalate	3.8 U	5 U	5 U	3.8 U	5.1 U	3.8 U
Butyl benzyl phthalate	3.8 U	3.3 U	3.4 U	3.8 U	3.4 U	3.8 U
Chrysene	1.9 U	2.7 U	2.7 U	1.9 U	2.7 U	1.9 U

See last page of Table VII for notes and abbreviations.

TABLE VII
SUMMARY OF ANALYSES FOR SEMI-VOLATILE ORGANIC CONSTITUENTS, 2006
BOEING SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well Identifier	WS-06	WS-09	WS-09	WS-09	WS-09A	WS-09A
Sample Port	---	---	---	---	---	---
Sample Date	11/09/06	06/01/06	08/16/06	11/08/06	08/22/06	11/09/06
SampleType	Primary	Primary	Primary	Primary	Primary	Primary
Sample Qualifier	---	---	---	---	---	---
Analysis Method	8270C	8270C	8270C	8270C	8270C	8270C
Laboratory	TA	DMA	TA	TA	TA	TA
Compound (ug/l)						
Di-n-butyl phthalate	1.9 U	2.7 U	2.7 U	1.9 U	2.7 U	1.9 U
Di-n-octyl phthalate	1.9 U	4.5 U	4.6 U	1.9 U	4.6 U	1.9 U
Dibenz(a,h)anthracene	2.9 U	4.5 U	4.6 U	2.8 U	4.6 U	2.8 U
Diethyl phthalate	1.9 U	3 U	3 U	1.9 U	3 U	1.9 U
Dimethyl phthalate	1.9 U	3.4 U	3.5 U	1.9 U	3.5 U	1.9 U
Fluoranthene	1.9 U	4 U	4.1 U	1.9 U	4.1 U	1.9 U
Fluorene	1.9 U	3.7 U	3.8 U	1.9 U	3.8 U	1.9 U
Hexachlorobenzene	2.4 U	4.6 U	4.7 U	2.4 U	4.7 U	2.4 U
Hexachlorobutadiene	3.3 U	4 U	4.1 U	3.3 U	4.1 U	3.3 U
Hexachloroethane	2.9 U	4 U	4.1 U	2.8 U	4.1 U	2.8 U
Indeno(1,2,3-cd)pyrene	2.9 U	5.1 U	5.2 U	2.8 U	5.3 U	2.8 U
Isophorone	1.9 U	3.5 U	3.6 U	1.9 U	3.6 U	1.9 U
N-Nitroso-di-n-propylamine	2.4 U	3.4 U	3.5 U	2.4 U	3.5 U	2.4 U
N-Nitrosodimethylamine	2.4 U	3.5 U	3.6 U	2.4 U	3.6 U	2.4 U
N-Nitrosodiphenylamine	1.9 U	3.8 U	3.9 U	1.9 U	3.9 U	1.9 U
Naphthalene	2.4 U	4.3 U	4.4 U	2.4 U	4.4 U	2.4 U
Nitrobenzene	2.4 U	4 U	4.1 U	2.4 U	4.1 U	2.4 U
Pentachlorophenol	3.3 U	3.8 U	3.9 U	3.3 U	3.9 U	3.3 U
Phenanthrene	1.9 U	3.1 U	3.2 U	1.9 U	3.2 U	1.9 U
Phenol	1.9 U	3.8 U	3.9 U	1.9 U	3.9 U	1.9 U

See last page of Table VII for notes and abbreviations.

TABLE VII
NOTES AND ABBREVIATIONS

1. DMA = Del Mar Analytical of Irvine, California.
2. TA = TestAmerica of Irvine, California, formerly Del Mar Analytical.
3. Weck = Weck Laboratories of City of Industry, California.
4. Primary = Primary sample.
5. Dup = Duplicate sample
6. Split = Split sample
7. ug/l = Micrograms per liter.
8. J = Estimated value. Analyte detected at a level less than the Reporting Limit (RL) and greater than or equal to the Method Detection Limit (MDL).
9. R = Rejected result.
10. S = Suspect result.
11. U = Not detected; numerical value represents the Method Detection Limit for that compound.

TABLE VIII

SUMMARY OF ANALYSES FOR PERCHLORATE, 2006
BOEING SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well Identifier	Sample Type	Sample Port	Sample Interval (feet below land surface)	Sample Date	Perchlorate (ug/l)	Analysis Method	Laboratory
Shallow Well							
RS-19	Primary	---	---	05/15/06	0.8 U	314.0	DMA
Chatsworth Formation Wells							
RD-01	Primary	---	---	05/08/06	0.8 U	314.0	DMA
RD-01	Primary	---	---	08/16/06	0.8 U	314.0	TA
RD-01	Primary	---	---	11/06/06	0.8 U	314.0	TA
RD-02	Primary	---	---	05/08/06	0.8 U	314.0	DMA
RD-02	Primary	---	---	08/15/06	0.8 U	314.0	TA
RD-02	Primary	---	---	11/09/06	0.8 U	314.0	TA
RD-04	Primary	---	---	06/01/06	0.8 U	314.0	DMA
RD-04	Primary	---	---	08/15/06	0.8 U	314.0	TA
RD-04	Primary	---	---	11/08/06	0.8 U	314.0	TA
RD-09	Primary	---	---	05/16/06	0.8 U	314.0	DMA
RD-09	Primary	---	---	08/10/06	0.8 U	314.0	TA
RD-09	Primary	---	---	11/08/06	0.8 U	314.0	TA
RD-09	Dup	---	---	11/08/06	0.8 U	314.0	TA
RD-09	Split	---	---	11/08/06	0.68 U	314.0	STL-SA
RD-10	Primary	---	---	02/14/06	0.8 U,S	314.0	DMA
RD-10	Primary	---	---	05/09/06	97	314.0	DMA
RD-10	Primary	---	---	08/16/06	100	314.0	TA
RD-10	Primary	---	---	11/07/06	110	314.0	TA
RD-32	Primary	---	---	02/21/06	0.8 U	314.0	DMA
RD-36A	Primary	---	---	11/15/06	0.8 U	314.0	TA
RD-36B	Primary	---	---	05/18/06	0.8 U	314.0	TA
RD-36C	Primary	---	---	05/19/06	0.8 U	314.0	DMA
RD-36D	Primary	---	---	05/18/06	0.8 U	314.0	TA
RD-37	Primary	---	---	02/20/06	0.8 U	314.0	DMA
RD-38A	Primary	---	---	05/17/06	0.8 U	314.0	DMA
RD-38B	Primary	---	---	02/21/06	0.8 U	314.0	DMA
RD-39A	Primary	---	---	08/31/06	0.8 U	314.0	TA
RD-39B	Primary	---	---	02/20/06	0.8 U	314.0	DMA
RD-41A	Primary	---	---	02/09/06	0.8 U	314.0	DMA
RD-41A	Primary	---	---	05/11/06	0.8 U	314.0	DMA
RD-41A	Primary	---	---	08/16/06	0.8 U	314.0	TA
RD-41A	Primary	---	---	11/09/06	0.8 U	314.0	TA
RD-41B	Primary	---	---	02/09/06	0.8 U	314.0	DMA
RD-41B	Primary	---	---	05/11/06	0.8 U	314.0	DMA
RD-41B	Primary	---	---	08/16/06	0.8 U	314.0	TA
RD-41B	Primary	---	---	11/09/06	0.8 U	314.0	TA
RD-43A	Primary	---	---	02/23/06	0.8 U	314.0	DMA
RD-43B	Primary	---	---	02/22/06	0.8 U	314.0	DMA
RD-43C	Primary	---	---	02/22/06	0.8 U	314.0	DMA
RD-44	Primary	---	---	02/13/06	0.8 U	314.0	DMA
RD-44	Primary	---	---	08/23/06	0.8 U	314.0	TA
RD-44	Primary	---	---	11/07/06	0.8 U	314.0	TA
RD-45B	Primary	---	---	02/06/06	0.8 U	314.0	DMA
RD-45C	Primary	---	---	02/03/06	0.8 U	314.0	DMA

See last page of Table VIII for notes and abbreviations.

TABLE VIII

SUMMARY OF ANALYSES FOR PERCHLORATE, 2006
BOEING SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well Identifier	Sample Type	Sample Port	Sample Interval (feet below land surface)	Sample Date	Perchlorate (ug/l)	Analysis Method	Laboratory
RD-47	Primary	---	---	02/03/06	0.8 U	314.0	DMA
RD-49A	Primary	---	---	08/10/06	0.8 U	314.0	TA
RD-49A	Primary	---	---	11/07/06	0.8 U	314.0	TA
RD-49B	Primary	---	---	02/09/06	0.8 U	314.0	DMA
RD-49B	Primary	---	---	05/11/06	0.8 U	314.0	DMA
RD-49B	Primary	---	---	08/09/06	0.8 U	314.0	TA
RD-49B	Primary	---	---	11/07/06	0.8 U	314.0	TA
RD-49C	Primary	---	---	02/09/06	0.8 U	314.0	DMA
RD-49C	Primary	---	---	05/15/06	0.8 U	314.0	DMA
RD-49C	Primary	---	---	08/10/06	0.8 U	314.0	TA
RD-49C	Primary	---	---	11/06/06	0.8 U	314.0	TA
RD-51B	Primary	---	---	02/09/06	0.8 U	314.0	DMA
RD-51B	Primary	---	---	05/10/06	0.8 U	314.0	DMA
RD-51B	Primary	---	---	08/14/06	0.8 U	314.0	TA
RD-51B	Primary	---	---	11/07/06	0.8 U	314.0	TA
RD-51C	Primary	---	---	02/09/06	0.8 U	314.0	DMA
RD-51C	Primary	---	---	05/11/06	0.8 U	314.0	DMA
RD-51C	Primary	---	---	08/14/06	0.8 U	314.0	TA
RD-51C	Primary	---	---	11/07/06	0.8 U	314.0	TA
RD-52B	Primary	---	---	02/03/06	0.8 U	314.0	DMA
RD-52C	Primary	---	---	02/02/06	0.8 U	314.0	DMA
RD-55A	Primary	---	---	02/09/06	0.8 U	314.0	DMA
RD-55A	Primary	---	---	05/16/06	0.8 U	314.0	TA
RD-55A	Primary	---	---	08/21/06	0.8 U	314.0	TA
RD-55A	Primary	---	---	11/07/06	0.8 U	314.0	TA
RD-55B	Primary	---	---	02/09/06	0.8 U	314.0	DMA
RD-55B	Primary	---	---	05/16/06	0.8 U	314.0	TA
RD-55B	Primary	---	---	08/22/06	0.8 U	314.0	TA
RD-55B	Primary	---	---	11/09/06	0.8 U	314.0	TA
RD-58A	Primary	---	---	02/07/06	0.8 U	314.0	DMA
RD-58A	Primary	---	---	05/18/06	0.8 U	314.0	DMA
RD-58A	Primary	---	---	08/15/06	0.8 U	314.0	TA
RD-58A	Primary	---	---	11/13/06	0.8 U	314.0	TA
RD-58B	Primary	---	---	05/16/06	0.8 U	314.0	DMA
RD-58B	Primary	---	---	08/15/06	0.8 U	314.0	TA
RD-58B	Primary	---	---	11/09/06	0.8 U	314.0	TA
RD-59A	Primary	---	---	08/23/06	0.8 U	314.0	TA
RD-59B	Primary	---	---	02/22/06	0.8 U	314.0	DMA
RD-59B	Dup	---	---	02/22/06	0.8 U	314.0	DMA
RD-59B	Split	---	---	02/22/06	0.34 U	314.0	STL-SA
RD-59C	Primary	---	---	02/22/06	0.8 U	314.0	DMA
RD-66	Primary	---	---	02/21/06	0.8 U	314.0	DMA
RD-68A	Primary	---	---	02/23/06	0.8 U	314.0	DMA
RD-68B	Primary	---	---	02/23/06	0.8 U	314.0	DMA
RD-70	Primary	---	---	02/03/06	0.8 U	314.0	DMA
RD-71	Primary	---	---	02/22/06	0.8 U	314.0	DMA
RD-73	Primary	---	---	02/15/06	160	314.0	DMA

See last page of Table VIII for notes and abbreviations.

TABLE VIII

SUMMARY OF ANALYSES FOR PERCHLORATE, 2006
BOEING SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well Identifier	Sample Type	Sample Port	Sample Interval (feet below land surface)	Sample Date	Perchlorate (ug/l)	Analysis Method	Laboratory
RD-73	Primary	---	---	05/09/06	150	314.0	DMA
RD-73	Primary	---	---	08/17/06	130	314.0	TA
RD-73	Primary	---	---	11/02/06	63	314.0	TA
RD-75	Primary	---	---	02/14/06	0.8 U	314.0	DMA
RD-77	Primary	---	---	02/08/06	270	314.0	DMA
RD-77	Primary	---	---	05/09/06	340	314.0	DMA
RD-77	Primary	---	---	08/17/06	300	314.0	TA
RD-77	Primary	---	---	11/02/06	170	314.0	TA
RD-78	Primary	---	---	02/15/06	0.8 U	314.0	DMA
RD-80	Primary	---	---	02/15/06	0.8 U	314.0	DMA
RD-81	Primary	---	---	02/15/06	0.8 U	314.0	DMA
RD-82	Primary	---	---	02/23/06	0.8 U	314.0	DMA
RD-83	Primary	---	---	02/20/06	0.8 U	314.0	DMA
RD-84	Primary	---	---	02/08/06	2.2 J	314.0	DMA
RD-86	Primary	---	---	03/16/06	0.8 U	314.0	DMA
HAR-07	Primary	---	---	02/14/06	0.8 U	314.0	DMA
HAR-07	Primary	---	---	05/11/06	0.8 U	314.0	DMA
HAR-07	Primary	---	---	08/15/06	0.8 U	314.0	TA
HAR-07	Primary	---	---	11/08/06	0.8 U	314.0	TA
HAR-08	Primary	---	---	02/14/06	0.8 U	314.0	DMA
HAR-08	Primary	---	---	05/11/06	0.8 U	314.0	DMA
HAR-08	Primary	---	---	08/15/06	0.8 U	314.0	TA
HAR-08	Primary	---	---	11/09/06	0.8 U	314.0	TA
HAR-18	Primary	---	---	11/09/06	0.8 U	314.0	TA
HAR-20	Primary	---	---	02/22/06	0.8 U	314.0	DMA
HAR-20	Primary	---	---	05/16/06	0.8 U	314.0	TA
HAR-20	Primary	---	---	08/31/06	0.8 U	314.0	TA
HAR-20	Dup	---	---	08/31/06	0.8 U	314.0	TA
HAR-20	Split	---	---	08/31/06	0.34 U	314.0	STL-SA
HAR-20	Primary	---	---	11/15/06	0.8 U	314.0	TA
HAR-24	Primary	---	---	02/08/06	340	314.0	DMA
HAR-24	Primary	---	---	05/23/06	320	314.0	DMA
HAR-24	Primary	---	---	08/30/06	270	314.0	TA
HAR-24	Primary	---	---	11/07/06	260	314.0	TA
HAR-25	Primary	---	---	02/09/06	43	314.0	DMA
HAR-25	Primary	---	---	05/10/06	270	314.0	DMA
HAR-25	Primary	---	---	08/30/06	35	314.0	TA
HAR-25	Primary	---	---	11/07/06	44	314.0	TA
WS-04A	Primary	---	---	02/23/06	0.8 U	314.0	DMA
WS-05	Primary	---	---	02/13/06	0.8 U	314.0	DMA
WS-05	Primary	---	---	05/18/06	0.8 U	314.0	DMA
WS-05	Split	---	---	05/18/06	0.34 U	314.0	STL-SA
WS-05	Primary	---	---	08/24/06	0.8 U	314.0	TA
WS-05	Primary	---	---	11/07/06	0.8 U	314.0	TA
WS-06	Primary	---	---	06/01/06	0.8 U	314.0	DMA
WS-06	Primary	---	---	08/16/06	0.8 U	314.0	TA
WS-06	Primary	---	---	11/09/06	0.8 U	314.0	TA

See last page of Table VIII for notes and abbreviations.

TABLE VIII

SUMMARY OF ANALYSES FOR PERCHLORATE, 2006
BOEING SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well Identifier	Sample Type	Sample Port	Sample Interval (feet below land surface)	Sample Date	Perchlorate (ug/l)	Analysis Method	Laboratory
WS-09	Primary	---	---	06/01/06	0.8 U	314.0	DMA
WS-09	Primary	---	---	08/16/06	0.8 U	314.0	TA
WS-09	Primary	---	---	11/08/06	0.8 U	314.0	TA
WS-09A	Primary	---	---	08/22/06	0.8 U	314.0	TA
WS-09A	Primary	---	---	11/09/06	0.8 U	314.0	TA
WS-09B	Primary	---	---	05/23/06	0.8 U	314.0	TA
WS-12	Primary	---	---	02/08/06	0.8 U	314.0	DMA
WS-13	Primary	---	---	02/08/06	0.8 U	314.0	DMA
WS-14	Primary	---	---	02/06/06	0.8 U	314.0	DMA
OS-02	Primary	---	---	02/22/06	0.8 U	314.0	DMA
OS-03	Primary	---	---	02/22/06	0.8 U	314.0	DMA
OS-04	Primary	---	---	02/22/06	0.8 U	314.0	DMA
OS-09	Primary	---	---	02/23/06	0.8 U	314.0	DMA
OS-09	Primary	---	---	05/23/06	0.8 U	314.0	DMA
OS-09	Primary	---	---	11/15/06	0.8 U	314.0	TA
OS-09R	Primary	P01	30.0 - 41.1	07/26/06	0.8 UJ	314.0	TA
OS-09R	Primary	P02	44.1 - 53.1	07/26/06	0.8 UJ	314.0	TA
OS-09R	Primary	P03	64.2 - 89.2	07/26/06	0.8 U	314.0	TA
OS-09R	Primary	P04	99.2 - 128.2	07/26/06	0.8 U	314.0	TA
OS-09R	Dup	P04	99.2 - 128.2	07/27/06	0.8 U	314.0	TA
OS-09R	Primary	P05	131.3 - 146.3	07/26/06	0.8 U	314.0	TA
OS-09R	Primary	P06	149.3 - 174.3	07/26/06	0.8 U	314.0	TA
OS-09R	Primary	P07	177.3 - 200.3	07/26/06	0.8 U	314.0	TA
OS-09R	Primary	P08	203.3 - 217.3	07/27/06	0.8 U	314.0	TA
OS-09R	Primary	P09	220.3 - 244.3	07/27/06	0.8 U	314.0	TA
OS-09R	Primary	P10	254.3 - 276.3	07/27/06	0.8 U	314.0	TA
OS-09R	Primary	P11	279.4 - 291.4	07/27/06	0.8 U	314.0	TA
OS-09R	Primary	P12	294.4 - 306.4	07/27/06	0.8 U	314.0	TA
OS-09R	Primary	P13	309.4 - 336.4	07/27/06	0.8 U	314.0	TA
OS-09R	Primary	P14	339.4 - 356.4	07/27/06	0.8 U	314.0	TA
OS-09R	Primary	P15	359.4 - 376.4	07/27/06	0.8 U	314.0	TA
OS-09R	Primary	P16	379.4 - 408.0	07/27/06	0.8 U	314.0	TA
OS-10	Primary	---	---	02/23/06	0.8 U	314.0	DMA
OS-16	Primary	---	---	02/27/06	0.8 U	314.0	DMA
OS-17	Primary	---	---	02/21/06	0.8 U	314.0	DMA
OS-17	Primary	---	---	08/31/06	0.8 U	314.0	TA
OS-26	Primary	---	---	02/27/06	0.8 U	314.0	DMA
OS-27	Primary	---	---	08/31/06	0.8 U	314.0	TA
OS-28	Primary	---	---	02/21/06	0.8 U	314.0	DMA
OS-28	Primary	---	---	08/31/06	0.8 U	314.0	TA

See last page of Table VIII for notes and abbreviations.

TABLE VIII
NOTES AND ABBREVIATIONS

1.	DMA	=	Del Mar Analytical of Irvine, California.
2.	TA	=	TestAmerica of Irvine, California, formerly Del Mar Analytical.
3.	STL-SA	=	Severn Trent Laboratories of Sacramento, California.
4.	ug/l	=	Micrograms per liter.
5.	Primary	=	Primary sample.
6.	Dup	=	Duplicate sample.
7.	Split	=	Split sample.
8.	P	=	Westbay sample port number.
9.	U	=	Not detected; numerical value represents the Method Detection Limit for that compound.
10.	UJ	=	Not detected. Estimated detection limit as a result of analytical quality control deficiencies (see Appendix D for details).
11.	J	=	Estimated value. Analyte detected at a level less than the Reporting Limit (RL) and greater than or equal to the Method Detection Limit (MDL).
12.	S	=	Suspect result.

13. Perchlorate analyzed by EPA method 314.0.

TABLE IX

SUMMARY OF ANALYSES FOR GROSS ALPHA, GROSS BETA, RADIUM ISOTOPES, AND TRITIUM ACTIVITES, 2006
BOEING SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well Identifier	Sample Port	Sample Type	Sample Date	EPA Method Number	Radionuclide	Result (pCi/l)		
						Activity	Error	MDA
Shallow Wells								
RS-11		Primary	02/21/06	900.0	Gross Alpha	8.60 U	7.2	9.72
				900.0	Gross Beta	-8.84 U	13	23.1
				903.1	Radium-226	0.024 U	0.45	0.841
				904.0	Radium-228	0.330 U	0.23	0.581
				906.0	Tritium	25.1 U	100	166
		Primary	08/10/06	900.0	Gross Alpha	2.19 U	1.9	2.66
				900.0	Gross Beta	0.122 U	2.4	3.86
				903.1	Radium-226	0.084 U	0.45	0.836
				904.0	Radium-228	0.065 U	0.19	0.494
RS-18		Primary	02/20/06	900.0	Gross Alpha	-0.194 U	3.6	6.80
				900.0	Gross Beta	8.71	4.1	5.92
				903.1	Radium-226	0.425 U	0.42	0.662
				904.0	Radium-228	0.585 J	0.19	0.468
				906.0	Tritium	69.5 U	100	168
RS-28		Primary	02/17/06	900.0	Gross Alpha	4.15 U	3.6	5.12
				900.0	Gross Beta	-0.452 U	2.0	3.68
				903.1	Radium-226	-0.060 U	0.40	0.758
				904.0	Radium-228	-0.059 U	0.49	0.531
				906.0	Tritium	111 U	100	168
		Primary	08/11/06	900.0	Gross Alpha	3.68	1.9	2.27
				900.0	Gross Beta	9.32	2.7	2.80
				903.1	Radium-226	0.251 U	0.40	0.695
				904.0	Radium-228	1.03	0.21	0.458
RS-54		Primary	02/23/06	900.0	Gross Alpha	6.94 U	5.5	7.57
				900.0	Gross Beta	9.35	4.1	5.16
				903.1	Radium-226	0.319 U	0.39	0.638
				904.0	Radium-228	0.466 U	0.21	0.488
				906.0	Tritium	105 U	100	168
		Split	02/23/06	900.0	Gross Alpha	21.0	5.89	3.36
				900.0	Gross Beta	11.4	3.82	5.18
				903.1	Radium-226	0.307 J	0.179	0.218
				904.0	Radium-228	0.588 J	0.278	0.475
				906.0	Tritium	48.1 U	154	327

See last page of Table IX for notes and abbreviations.

TABLE IX

SUMMARY OF ANALYSES FOR GROSS ALPHA, GROSS BETA, RADIUM ISOTOPES, AND TRITIUM ACTIVITES, 2006
BOEING SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well Identifier	Sample Port	Sample Type	Sample Date	EPA Method Number	Radionuclide	Result (pCi/l)		
						Activity	Error	MDA
ES-31		Primary	02/21/06	900.0	Gross Alpha	3.68 U	3.0	4.05
				900.0	Gross Beta	3.38 J	2.3	3.34
				903.1	Radium-226	0.042 U	0.44	0.836
				904.0	Radium-228	0.136 U	0.17	0.475
				906.0	Tritium	20.0 U	120	164
		Primary	08/15/06	900.0	Gross Alpha	0.343 U	2.2	3.80
				900.0	Gross Beta	4.38	1.7	2.30
				903.1	Radium-226	0.140 U	0.43	0.875
				904.0	Radium-228	0.115 U	0.17	0.472
Chatsworth Formation Wells								
RD-07	Z3	Primary	02/16/06	900.0	Gross Alpha	22.8	6.5	2.79
				900.0	Gross Beta	15.6	4.0	2.90
				903.1	Radium-226	0.219 U	0.42	0.739
				904.0	Radium-228	0.088 U	0.76	0.424
				906.0	Tritium	59.0 U	90	162
	Z3	Primary	08/16/06	900.0	Gross Alpha	36.3	8.4	2.91
				900.0	Gross Beta	19.8	4.5	2.63
				903.1	Radium-226	-0.007 U	0.41	0.832
				904.0	Radium-228	0.218 U	0.61	0.430
				906.0	Tritium	-24.7 U	95	160
RD-15		Primary	02/16/06	900.0	Gross Alpha	4.68	3.2	4.13
				900.0	Gross Beta	8.84	2.9	3.06
				903.1	Radium-226	0.747 U	0.59	0.894
				904.0	Radium-228	1.23	0.23	0.501
				906.0	Tritium	81.2 U	100	164
		Split	02/16/06	900.0	Gross Alpha	5.52	1.98	1.69
				900.0	Gross Beta	10.9	2.52	3.19
				903.1	Radium-226	0.766 J	0.233	0.144
				904.0	Radium-228	1.17	0.357	0.492
				906.0	Tritium	29.5 U	154	330

See last page of Table IX for notes and abbreviations.

TABLE IX

SUMMARY OF ANALYSES FOR GROSS ALPHA, GROSS BETA, RADIUM ISOTOPES, AND TRITIUM ACTIVITES, 2006
BOEING SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well Identifier	Sample Port	Sample Type	Sample Date	EPA Method Number	Radionuclide	Result (pCi/l)		
						Activity	Error	MDA
RD-15		Primary	08/08/06	900.0	Gross Alpha	6.83	2.3	1.91
				900.0	Gross Beta	7.49	2.6	3.20
				903.1	Radium-226	0.479 U	0.46	0.746
				904.0	Radium-228	1.59	0.28	0.562
		Split	08/08/06	900.0	Gross Alpha	4.16	2.86	3.22
				900.0	Gross Beta	11.1	3.21	4.72
				903.1	Radium-226	0.746 J	0.220	0.156
				904.0	Radium-228	2.40	0.445	0.446
RD-17		Primary	02/16/06	900.0	Gross Alpha	0.699 U	2.7	4.81
				900.0	Gross Beta	7.98	3.2	3.95
				903.1	Radium-226	1.51	0.61	0.837
				904.0	Radium-228	1.75	0.28	0.506
				906.0	Tritium	87.6 U	100	164
		Primary	08/10/06	900.0	Gross Alpha	3.32	1.6	1.71
				900.0	Gross Beta	5.63	2.1	2.65
				903.1	Radium-226	0.734 U	0.61	0.946
				904.0	Radium-228	0.517 J	0.19	0.437
RD-21	Z2	Primary	02/16/06	900.0	Gross Alpha	-0.928 U	4.1	7.56
				900.0	Gross Beta	6.03	3.9	5.73
				903.1	Radium-226	0.346 U	0.45	0.755
				904.0	Radium-228	-0.029 U	0.40	0.390
				906.0	Tritium	85.1 U	110	164
	Z2	Primary	08/16/06	900.0	Gross Alpha	5.86	2.3	2.18
				900.0	Gross Beta	6.86	2.2	2.41
				903.1	Radium-226	0.092 U	0.42	0.758
				904.0	Radium-228	0.684 J	0.20	0.453
RD-22	Z2	Primary	02/15/06	900.0	Gross Alpha	-2.11 U	4.0	7.01
				900.0	Gross Beta	8.51	3.6	4.70
				903.1	Radium-226	1.52	0.48	0.450
				904.0	Radium-228	2.86	0.41	0.586
				906.0	Tritium	40.4 U	99	165
	Z2	Primary	08/16/06	900.0	Gross Alpha	3.28	1.8	2.09
				900.0	Gross Beta	6.19	2.4	3.26
				903.1	Radium-226	1.11	0.57	0.753
				904.0	Radium-228	2.70	0.30	0.503

See last page of Table IX for notes and abbreviations.

TABLE IX

SUMMARY OF ANALYSES FOR GROSS ALPHA, GROSS BETA, RADIUM ISOTOPES, AND TRITIUM ACTIVITES, 2006
BOEING SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well Identifier	Sample Port	Sample Type	Sample Date	EPA Method Number	Radionuclide	Result (pCi/l)		
						Activity	Error	MDA
RD-23	Z3	Primary	02/17/06	900.0	Gross Alpha	1.80 U	2.1	3.37
				900.0	Gross Beta	4.91	1.7	1.92
				903.1	Radium-226	1.24	0.55	0.709
				904.0	Radium-228	0.857 J	0.17	0.384
				906.0	Tritium	148 U	94	163
	Z3	Primary	08/17/06	900.0	Gross Alpha	0.793 U	1.5	2.12
				900.0	Gross Beta	3.20 J	1.4	2.00
				903.1	Radium-226	0.687 J	0.46	0.620
				904.0	Radium-228	0.662 J	0.21	0.477
RD-24		Primary	02/15/06	900.0	Gross Alpha	0.624 U	4.3	7.52
				900.0	Gross Beta	5.03 U	3.7	5.73
				903.1	Radium-226	0.453 U	0.49	0.784
				904.0	Radium-228	2.63	0.33	0.521
				906.0	Tritium	187 J	100	162
		Primary	08/10/06	900.0	Gross Alpha	2.71 U	2.1	3.02
				900.0	Gross Beta	7.67	2.8	3.93
				903.1	Radium-226	0.315 U	0.53	0.912
				904.0	Radium-228	1.78	0.31	0.434
				906.0	Tritium	47.4 U	97	162
RD-27		Primary	02/20/06	900.0	Gross Alpha	6.14	2.9	2.93
				900.0	Gross Beta	9.06	2.4	1.93
				903.1	Radium-226	0.999 J	0.47	0.561
				904.0	Radium-228	2.83	0.29	0.490
				906.0	Tritium	-6.14 U	99	167
		Primary	08/25/06	900.0	Gross Alpha	1.57 U	1.5	2.37
				900.0	Gross Beta	6.89	1.8	1.55
				903.1	Radium-226	0.974 J	0.63	0.896
				904.0	Radium-228	2.29	0.33	0.482
				906.0	Tritium	-14.2 U	100	177
RD-29		Primary	02/16/06	900.0	Gross Alpha	9.83	3.9	3.02
				900.0	Gross Beta	9.28	2.5	1.92
				903.1	Radium-226	-0.014 U	0.35	0.704
				904.0	Radium-228	0.771 J	0.24	0.512
				906.0	Tritium	58.6 U	100	168

See last page of Table IX for notes and abbreviations.

TABLE IX

SUMMARY OF ANALYSES FOR GROSS ALPHA, GROSS BETA, RADIUM ISOTOPES, AND TRITIUM ACTIVITES, 2006
BOEING SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well Identifier	Sample Port	Sample Type	Sample Date	EPA Method Number	Radionuclide	Result (pCi/l)		
						Activity	Error	MDA
RD-29		Primary	08/11/06	900.0	Gross Alpha	7.12	2.5	1.80
				900.0	Gross Beta	6.24	3.3	4.85
				903.1	Radium-226	0.263 U	0.44	0.774
				904.0	Radium-228	0.078 U	0.36	0.510
RD-30		Primary	02/17/06	900.0	Gross Alpha	5.51	3.6	4.27
				900.0	Gross Beta	9.28	2.9	2.84
				903.1	Radium-226	0.474 U	0.42	0.677
				904.0	Radium-228	0.228 U	0.81	0.396
				906.0	Tritium	90.0 U	89	160
		Primary	08/09/06	900.0	Gross Alpha	10.3	3.6	3.33
				900.0	Gross Beta	8.45	2.9	3.39
				903.1	Radium-226	0.318 U	0.46	0.778
				904.0	Radium-228	0.568 J	0.17	0.408
				906.0	Tritium	0 U	97	163
		Split	08/09/06	900.0	Gross Alpha	9.63	3.88	2.68
				900.0	Gross Beta	11.4	3.79	5.92
				903.1	Radium-226	0.333 J	0.167	0.216
				904.0	Radium-228	0.700 J	0.349	0.673
				906.0	Tritium	172 J	90.0	115
RD-33A	Z2	Primary	02/17/06	900.0	Gross Alpha	2.53 J	1.3	1.33
				900.0	Gross Beta	2.70 J	1.3	1.84
				903.1	Radium-226	1.29	0.55	0.649
				904.0	Radium-228	1.89	0.25	0.447
				906.0	Tritium	13.1 U	110	165
	Z3	Primary	08/18/06	900.0	Gross Alpha	4.54	1.7	1.47
				900.0	Gross Beta	5.58	1.5	1.40
				903.1	Radium-226	0.549 U	0.51	0.803
				904.0	Radium-228	2.16	0.26	0.461
RD-33B		Primary	02/16/06	900.0	Gross Alpha	1.22 U	2.6	4.40
				900.0	Gross Beta	5.82	2.8	4.18
				903.1	Radium-226	0.805 J	0.53	0.780
				904.0	Radium-228	1.41	0.24	0.503
				906.0	Tritium	14.4 U	95	160

See last page of Table IX for notes and abbreviations.

TABLE IX

SUMMARY OF ANALYSES FOR GROSS ALPHA, GROSS BETA, RADIUM ISOTOPES, AND TRITIUM ACTIVITES, 2006
BOEING SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well Identifier	Sample Port	Sample Type	Sample Date	EPA Method Number	Radionuclide	Result (pCi/l)		
						Activity	Error	MDA
RD-33B		Primary	08/09/06	900.0	Gross Alpha	-0.647 U	0.99	1.90
				900.0	Gross Beta	4.99	1.8	2.35
				903.1	Radium-226	1.18	0.57	0.723
				904.0	Radium-228	1.40	0.22	0.444
				906.0	Tritium	-97.3 U	93	160
		Split	08/09/06	900.0	Gross Alpha	2.24 U	1.96	2.88
				900.0	Gross Beta	9.68	2.87	4.28
				903.1	Radium-226	0.876 J	0.251	0.181
				904.0	Radium-228	2.18	0.430	0.464
				906.0	Tritium	-96.9 U	77.9	126
RD-33C		Primary	02/16/06	900.0	Gross Alpha	3.77	2.6	3.55
				900.0	Gross Beta	6.68	2.4	2.83
				903.1	Radium-226	1.43	0.66	0.828
				904.0	Radium-228	2.06	0.28	0.518
				906.0	Tritium	55.0 U	98	163
		Primary	08/08/06	900.0	Gross Alpha	1.65 U	1.3	1.84
				900.0	Gross Beta	4.75	1.7	2.12
				903.1	Radium-226	1.49	0.57	0.720
				904.0	Radium-228	2.02	0.25	0.445
				906.0	Tritium	-87.5 U	92	158
RD-34A		Primary	02/21/06	900.0	Gross Alpha	8.73	4.7	5.62
				900.0	Gross Beta	5.94	2.8	3.84
				903.1	Radium-226	0.277 U	0.39	0.666
				904.0	Radium-228	-0.103 U	0.53	0.422
				906.0	Tritium	1710	210	162
		Primary	11/16/06	900.0	Gross Alpha	13.1	4.0	2.71
				900.0	Gross Beta	11.0	4.3	5.85
				903.1	Radium-226	0.801 J	0.52	0.750
				904.0	Radium-228	0.859 J	0.22	0.499
				906.0	Tritium	1100	220	189
RD-34B		Primary	02/17/06	900.0	Gross Alpha	3.86	2.6	3.20
				900.0	Gross Beta	8.57	2.5	2.18
				903.1	Radium-226	1.52	0.55	0.672
				904.0	Radium-228	0.044 U	0.35	0.626
				906.0	Tritium	154 U	100	169

See last page of Table IX for notes and abbreviations.

TABLE IX

SUMMARY OF ANALYSES FOR GROSS ALPHA, GROSS BETA, RADIUM ISOTOPES, AND TRITIUM ACTIVITES, 2006
BOEING SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well Identifier	Sample Port	Sample Type	Sample Date	EPA Method Number	Radionuclide	Result (pCi/l)		
						Activity	Error	MDA
RD-34B		Primary	08/09/06	900.0	Gross Alpha	-0.562 U	2.4	4.39
				900.0	Gross Beta	7.86	2.5	3.04
				903.1	Radium-226	1.90	0.70	0.807
				904.0	Radium-228	1.94	0.42	0.418
				906.0	Tritium	340	110	159
RD-34C		Primary	02/21/06	900.0	Gross Alpha	0.228 U	1.9	3.45
				900.0	Gross Beta	5.86	2.5	3.37
				903.1	Radium-226	0.550 U	0.44	0.682
				904.0	Radium-228	1.64	0.27	0.509
				906.0	Tritium	108 U	92	162
		Split	02/21/06	900.0	Gross Alpha	0.605 U	0.667	1.18
				900.0	Gross Beta	5.30	1.44	2.05
				903.1	Radium-226	0.546 J	0.230	0.249
				904.0	Radium-228	1.64	0.426	0.530
				906.0	Tritium	-40.2 U	150	328
		Primary	08/09/06	900.0	Gross Alpha	0.380 U	0.77	1.27
				900.0	Gross Beta	3.35 J	1.6	2.31
				903.1	Radium-226	0.981 J	0.54	0.743
				904.0	Radium-228	1.68	0.24	0.445
				906.0	Tritium	-69.0 U	100	174
RD-54A	Z2	Primary	02/16/06	900.0	Gross Alpha	7.44	3.4	3.68
				900.0	Gross Beta	3.75 U	2.8	4.08
				903.1	Radium-226	1.84	0.61	0.632
				904.0	Radium-228	0.178 U	0.80	0.385
				906.0	Tritium	270	100	165
	Z2	Primary	08/17/06	900.0	Gross Alpha	12.1	4.2	4.08
				900.0	Gross Beta	10.8	3.1	3.10
				903.1	Radium-226	1.01	0.61	0.872
				904.0	Radium-228	1.16	0.20	0.424
				906.0	Tritium	161 J	100	161
RD-54B		Primary	02/20/06	900.0	Gross Alpha	3.94 U	3.5	4.64
				900.0	Gross Beta	8.64	3.2	3.67
				903.1	Radium-226	1.71	0.56	0.676
				904.0	Radium-228	3.05	0.31	0.518
				906.0	Tritium	101 U	100	170

See last page of Table IX for notes and abbreviations.

TABLE IX

SUMMARY OF ANALYSES FOR GROSS ALPHA, GROSS BETA, RADIUM ISOTOPES, AND TRITIUM ACTIVITES, 2006
BOEING SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well Identifier	Sample Port	Sample Type	Sample Date	EPA Method Number	Radionuclide	Result (pCi/l)		
						Activity	Error	MDA
RD-54B		Primary	08/23/06	900.0	Gross Alpha	0.082 U	1.9	3.38
				900.0	Gross Beta	5.48 U	3.5	5.49
				903.1	Radium-226	2.21	0.71	0.728
				904.0	Radium-228	2.91	0.27	0.412
				906.0	Tritium	-77.8 U	100	175
RD-54C		Primary	02/23/06	900.0	Gross Alpha	-2.58 U	3.6	7.10
				900.0	Gross Beta	4.22 U	2.9	4.33
				903.1	Radium-226	0.670 U	0.46	0.690
				904.0	Radium-228	1.03	0.24	0.522
				906.0	Tritium	-45.9 U	97	167
		Primary	08/10/06	900.0	Gross Alpha	0.419 U	1.6	2.64
				900.0	Gross Beta	8.17	2.5	2.62
				903.1	Radium-226	0.585 U	0.49	0.762
				904.0	Radium-228	0.959 J	0.29	0.614
				906.0	Tritium	-36.0 U	95	161
RD-57	Z7	Primary	02/20/06	900.0	Gross Alpha	3.21	2.0	2.65
				900.0	Gross Beta	3.17 J	1.5	2.13
				903.1	Radium-226	0.803 U	0.57	0.833
				904.0	Radium-228	1.75	0.28	0.522
				906.0	Tritium	120 U	100	164
	Z7	Primary	08/18/06	900.0	Gross Alpha	3.57	2.3	3.36
				900.0	Gross Beta	8.34	2.3	2.27
				903.1	Radium-226	0.710 U	0.59	0.911
				904.0	Radium-228	1.04	0.22	0.461
				906.0	Tritium	-43.1 U	100	175
RD-59A		Primary	08/23/06	900.0	Gross Alpha	2.13 U	1.9	2.81
				900.0	Gross Beta	6.86	2.3	2.67
				903.1	Radium-226	0.349 U	0.52	0.875
				904.0	Radium-228	0.235 U	0.18	0.441
				906.0	Tritium	4.28 U	110	175
		Primary	11/14/06	906.0	Tritium	-100 U	180	190

See last page of Table IX for notes and abbreviations.

TABLE IX

SUMMARY OF ANALYSES FOR GROSS ALPHA, GROSS BETA, RADIUM ISOTOPES, AND TRITIUM ACTIVITES, 2006
BOEING SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well Identifier	Sample Port	Sample Type	Sample Date	EPA Method Number	Radionuclide	Result (pCi/l)		
						Activity	Error	MDA
RD-59B		Primary	02/22/06	900.0	Gross Alpha	0.042 U	2.6	4.98
				900.0	Gross Beta	4.45	1.7	2.01
				903.1	Radium-226	0.760 J	0.46	0.596
				904.0	Radium-228	1.35	0.22	0.454
				906.0	Tritium	41.9 U	100	169
		Primary	08/23/06	900.0	Gross Alpha	-0.607 U	1.4	2.50
				900.0	Gross Beta	4.44	1.4	1.60
				903.1	Radium-226	0.753 U	0.56	0.849
				904.0	Radium-228	1.77	0.28	0.441
				906.0	Tritium	-42.8 U	100	171
		Primary	11/14/06	906.0	Tritium	-144 U	170	187
RD-59C		Primary	02/22/06	900.0	Gross Alpha	-1.41 U	2.7	4.86
				900.0	Gross Beta	3.26 J	1.7	2.44
				903.1	Radium-226	0.196 U	0.40	0.699
				904.0	Radium-228	1.17	0.22	0.467
				906.0	Tritium	-34.2 U	99	169
		Split	02/22/06	900.0	Gross Alpha	1.34 U	1.21	2.00
				900.0	Gross Beta	3.96 J	1.60	2.68
				903.1	Radium-226	0.619 J	0.234	0.197
				904.0	Radium-228	1.35	0.382	0.517
				906.0	Tritium	40.4 U	154	329
		Primary	08/23/06	900.0	Gross Alpha	-1.26 U	1.4	2.77
				900.0	Gross Beta	2.32 U	2.3	3.90
				903.1	Radium-226	0.103 U	0.46	0.862
				904.0	Radium-228	1.27	0.21	0.432
				906.0	Tritium	5.93 U	100	175
		Primary	11/14/06	906.0	Tritium	-81.7 U	170	190
RD-63		Primary	02/16/06	900.0	Gross Alpha	8.81	4.8	5.12
				900.0	Gross Beta	11.2	4.2	4.97
				903.1	Radium-226	3.22	0.79	0.634
				904.0	Radium-228	2.80	0.28	0.452
				906.0	Tritium	350	110	165

See last page of Table IX for notes and abbreviations.

TABLE IX

SUMMARY OF ANALYSES FOR GROSS ALPHA, GROSS BETA, RADIUM ISOTOPES, AND TRITIUM ACTIVITES, 2006
BOEING SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well Identifier	Sample Port	Sample Type	Sample Date	EPA Method Number	Radionuclide	Result (pCi/l)		
						Activity	Error	MDA
RD-63		Primary	08/09/06	900.0	Gross Alpha	3.75 U	3.0	4.45
				900.0	Gross Beta	8.13	2.7	3.14
				903.1	Radium-226	1.79	0.64	0.691
				904.0	Radium-228	2.37	0.29	0.463
		Split	08/09/06	900.0	Gross Alpha	8.44	4.52	4.25
				900.0	Gross Beta	11.1	3.50	5.33
				903.1	Radium-226	2.10	0.479	0.167
				904.0	Radium-228	3.78	0.607	0.479
RD-64	Z6	Primary	02/16/06	900.0	Gross Alpha	-0.557 U	1.5	2.55
				900.0	Gross Beta	1.36 U	1.5	2.56
				903.1	Radium-226	1.54	0.60	0.757
				904.0	Radium-228	1.50	0.20	0.379
				906.0	Tritium	161 U	95	165
	Z6	Primary	08/17/06	900.0	Gross Alpha	7.25	2.4	2.15
				900.0	Gross Beta	7.93	2.6	3.15
				903.1	Radium-226	1.42	0.65	0.791
				904.0	Radium-228	1.46	0.24	0.488
RD-96	Filtered	Primary	05/09/06	900.0	Gross Alpha	2.97 U	4.2	6.91
				900.0	Gross Beta	8.16	5.2	7.95
	Unfiltered	Primary	05/09/06	900.0	Gross Alpha	16.2	6.2	3.77
				900.0	Gross Beta	16.2	5.1	5.39
				903.1	Radium-226	1.46	0.70	0.821
				904.0	Radium-228	1.56	0.28	0.512
				906.0	Tritium	76.2 U	140	228
RD-97	Filtered	Primary	05/09/06	900.0	Gross Alpha	5.43 U	4.7	6.45
				900.0	Gross Beta	7.04	4.0	5.60
				903.1	Radium-226	1.11	0.64	0.813
				904.0	Radium-228	2.55	0.40	0.476
	Unfiltered	Primary	05/09/06	900.0	Gross Alpha	35.8	13	7.05
				900.0	Gross Beta	40.5	11	8.90
				903.1	Radium-226	3.46	0.89	0.812
				904.0	Radium-228	5.16	0.36	0.468
				906.0	Tritium	-33.6 U	130	228

See last page of Table IX for notes and abbreviations.

TABLE IX
NOTES AND ABBREVIATIONS

1. MDA = Minimum detectable activity.

2. J = Result is less than contract-required MDA and greater than or equal to the MDA.

3. U = Not detected above the MDA; numerical value is the activity for that radionuclide.

4. Z = FLUTe sample port number.

5. pCi/l = PicoCuries per liter.

6. Primary = Primary sample.

7. Split = Split sample.

8. Primary sample analyses were performed by Eberline Services of Richmond, California.
Split sample analyses were performed by Severn Trent Laboratories of Richland, Washington.

9. Results are presented as the activity plus or minus the error. Any activity is reported by the laboratory.
Analytical results that are less than the procedure background value are shown as negative values.
Samples are filtered and acidified in the field with the exception of tritium.

10. EPA method 900.0 was used to analyze Gross Alpha and Gross Beta; EPA methods 903.1, 904.0 and 906.0 were used to analyze Radium-226, Radium-228 and Tritium, respectively.

11. As discussed in Appendix D, project specific MDAs could not be attained consistently due in part to matrix conditions (e.g., dissolved and suspended solids) and limitations in the prescribed analytical methods (e.g., sample volumes, counting times).

TABLE X

SUMMARY OF ANALYSES FOR GAMMA-EMITTING RADIONUCLIDES, 2006
BOEING SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well Identifier	RS-11		RS-18		RS-28		RS-54	
Sample Port	---		---		---		---	
Sample Type	Primary		Primary		Primary		Primary	
Sample Date	02/21/06		02/20/06		02/17/06		02/23/06	
Radionuclides (pCi/l)	Result	MDA	Result	MDA	Result	MDA	Result	MDA
Gamma-Emitting Radionuclides								
Cobalt-57	ND	0.622	ND	0.650	ND	0.640	ND	0.638
Cobalt-60	ND	0.839	ND	0.973	ND	1.04	ND	1.02
Cesium-134	ND	0.941	ND	1.05	ND	1.17	ND	1.04
Cesium-137	ND	0.844	ND	0.947	ND	0.946	ND	0.928
Europium-152	ND	2.13	ND	2.28	ND	2.26	ND	2.39
Europium-154	ND	2.44	ND	2.85	ND	2.39	ND	3.20
Potassium-40	ND	15.1	ND	18.1	ND	24.2	ND	29.1
Manganese-54	ND	0.802	ND	0.905	ND	0.812	ND	0.886
Sodium-22	ND	0.844	ND	0.975	ND	0.821	ND	1.09
Isotopic Uranium and Thorium								
Thorium-228	---	---	-0.002 U +/-0.030	0.055	---	---	0.010 U +/- 0.035	0.057
Thorium-230	---	---	0.012 U +/- 0.049	0.101	---	---	-0.038 U +/- 0.045	0.102
Thorium-232	---	---	-0.010 U +/- 0.015	0.036	---	---	-0.008 U +/-0.010	0.031
Uranium-233/234	---	---	6.32 +/- 0.46	0.052	---	---	15.7 +/- 0.99	0.074
Uranium-235	---	---	0.270 J +/- 0.068	0.028	---	---	0.682 J +/- 0.12	0.028
Uranium-238	---	---	6.03 +/- 0.44	0.047	---	---	14.2 +/- 0.91	0.070

See last page of Table X for notes and abbreviations.

TABLE X

SUMMARY OF ANALYSES FOR GAMMA-EMITTING RADIONUCLIDES, 2006
BOEING SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well Identifier	RS-54		ES-31		RD-07		RD-07	
Sample Port	---		---		Z3		Z3	
Sample Type	Split		Primary		Primary		Primary	
Sample Date	02/23/06		02/21/06		02/16/06		08/16/06	
Radionuclides (pCi/l)	Result	MDA	Result	MDA	Result	MDA	Result	MDA
Gamma-Emitting Radionuclides								
Cobalt-57	ND	12.6	ND	0.743	ND	1.29	---	---
Cobalt-60	ND	2.95	ND	1.15	ND	1.56	---	---
Cesium-134	ND	2.24	ND	1.19	ND	1.70	---	---
Cesium-137	ND	2.18	ND	1.15	ND	1.57	---	---
Europium-152	ND	4.90	ND	2.75	ND	4.25	---	---
Europium-154	ND	7.13	ND	3.00	ND	4.84	---	---
Potassium-40	ND	44.9	ND	19.5	ND	45.8	---	---
Manganese-54	ND	2.29	ND	1.14	ND	1.52	---	---
Sodium-22	ND	2.55	ND	1.04	ND	1.67	---	---
Isotopic Uranium and Thorium								
Thorium-228	-0.035 U +/- 0.0354	0.301	---	---	-0.006 U +/- 0.023	0.046	---	---
Thorium-230	-0.00851 U +/- 0.0171	0.204	---	---	-0.040 U +/- 0.046	0.103	---	---
Thorium-232	0.0425 U +/- 0.853	0.115	---	---	-0.011 U +/- 0.011	0.035	---	---
Uranium-233/234	15.6 +/- 3.63	0.0969	---	---	22.2 +/- 1.3	0.076	27.8 +/- 1.6	0.086
Uranium-235	0.422 J +/- 0.264	0.171	---	---	0.948 J +/- 0.12	0.023	1.77 +/- 0.16	0.021
Uranium-238	15.8 +/- 3.67	0.171	---	---	17.5 +/- 1.1	0.074	22.0 +/- 1.3	0.081

See last page of Table X for notes and abbreviations.

TABLE X

SUMMARY OF ANALYSES FOR GAMMA-EMITTING RADIONUCLIDES, 2006
BOEING SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well Identifier	RD-15		RD-15		RD-17		RD-21	
Sample Port	---		---		---		Z2	
Sample Type	Primary		Split		Primary		Primary	
Sample Date	02/16/06		02/16/06		02/16/06		02/16/06	
Radionuclides (pCi/l)	Result	MDA	Result	MDA	Result	MDA	Result	MDA
Gamma-Emitting Radionuclides								
Cobalt-57	ND	0.669	ND	11.7	ND	1.37	ND	0.592
Cobalt-60	ND	1.18	ND	2.48	ND	1.62	ND	0.939
Cesium-134	ND	1.30	ND	2.36	ND	1.88	ND	1.41
Cesium-137	ND	0.962	ND	2.02	ND	1.48	ND	0.888
Europium-152	ND	2.37	ND	5.71	ND	4.05	ND	2.05
Europium-154	ND	2.62	ND	7.65	ND	4.63	ND	2.32
Potassium-40	ND	22.3	ND	82.9	ND	48.1	ND	21.6
Manganese-54	ND	1.02	ND	2.17	ND	1.33	ND	0.814
Sodium-22	ND	0.909	ND	2.74	ND	1.60	ND	0.800
Isotopic Uranium and Thorium								
Thorium-228	---	---	---	---	---	---	---	---
Thorium-230	---	---	---	---	---	---	---	---
Thorium-232	---	---	---	---	---	---	---	---
Uranium-233/234	3.46 +/- 0.35	0.065	3.49 +/- 1.11	0.130	---	---	5.32 +/- 0.40	0.050
Uranium-235	0.086 J +/-0.057	0.055	0.191 J +/-0.196	0.130	---	---	0.224 J +/-0.064	0.030
Uranium-238	3.02 +/- 0.32	0.045	2.72 +/- 0.930	0.229	---	---	4.61 +/- 0.36	0.050

See last page of Table X for notes and abbreviations.

TABLE X

SUMMARY OF ANALYSES FOR GAMMA-EMITTING RADIONUCLIDES, 2006
BOEING SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well Identifier	RD-21		RD-22		RD-23		RD-24	
Sample Port	Z2		Z2		Z2		---	
Sample Type	Primary		Primary		Primary		Primary	
Sample Date	08/16/06		02/15/06		02/17/06		02/15/06	
Radionuclides (pCi/l)	Result	MDA	Result	MDA	Result	MDA	Result	MDA
Gamma-Emitting Radionuclides								
Cobalt-57	---	---	ND	0.720	ND	1.43	ND	1.41
Cobalt-60	---	---	ND	1.18	ND	1.58	ND	1.56
Cesium-134	---	---	ND	1.30	ND	3.09	ND	1.84
Cesium-137	---	---	ND	1.03	ND	1.53	ND	1.58
Europium-152	---	---	ND	2.62	ND	4.20	ND	4.01
Europium-154	---	---	ND	3.28	ND	4.76	ND	4.93
Potassium-40	---	---	ND	18.3	ND	50.5	ND	47.6
Manganese-54	---	---	ND	1.18	ND	1.66	ND	1.58
Sodium-22	---	---	ND	1.14	ND	1.64	ND	1.71
Isotopic Uranium and Thorium								
Thorium-228	---	---	---	---	---	---	---	---
Thorium-230	---	---	---	---	---	---	---	---
Thorium-232	---	---	---	---	---	---	---	---
Uranium-233/234	8.40 +/- 0.57	0.058	---	---	---	---	---	---
Uranium-235	0.367 J +/- 0.074	0.027	---	---	---	---	---	---
Uranium-238	7.98 +/- 0.54	0.052	---	---	---	---	---	---

See last page of Table X for notes and abbreviations.

TABLE X

SUMMARY OF ANALYSES FOR GAMMA-EMITTING RADIONUCLIDES, 2006
BOEING SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well Identifier	RD-24		RD-27		RD-27		RD-29	
Sample Port	---		---		---		---	
Sample Type	Primary		Primary		Primary		Primary	
Sample Date	08/10/06		02/20/06		08/25/06		02/16/06	
Radionuclides (pCi/l)	Result	MDA	Result	MDA	Result	MDA	Result	MDA
Gamma-Emitting Radionuclides								
Cobalt-57	ND	1.12	ND	1.14	ND	0.770	ND	1.23
Cobalt-60	ND	1.66	ND	1.52	ND	1.42	ND	1.84
Cesium-134	ND	1.91	ND	2.32	ND	2.42	ND	2.12
Cesium-137	ND	1.55	ND	1.47	ND	1.49	ND	1.78
Europium-152	ND	4.43	ND	3.78	ND	3.69	ND	4.54
Europium-154	ND	4.86	ND	4.17	ND	4.33	ND	5.33
Potassium-40	ND	46.8	ND	42.0	ND	32.5	ND	52.0
Manganese-54	ND	1.52	ND	1.50	ND	1.47	ND	1.83
Sodium-22	ND	1.65	ND	1.43	ND	1.48	ND	1.82
Isotopic Uranium and Thorium								
Thorium-228	---	---	---	---	---	---	---	---
Thorium-230	---	---	---	---	---	---	---	---
Thorium-232	---	---	---	---	---	---	---	---
Uranium-233/234	---	---	---	---	---	---	6.92 +/- 0.49	0.056
Uranium-235	---	---	---	---	---	---	0.318 J +/- 0.074	0.027
Uranium-238	---	---	---	---	---	---	6.50 +/- 0.46	0.054

See last page of Table X for notes and abbreviations.

TABLE X

SUMMARY OF ANALYSES FOR GAMMA-EMITTING RADIONUCLIDES, 2006
BOEING SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well Identifier	RD-29		RD-30		RD-30		RD-30	
Sample Port	---		---		---		---	
Sample Type	Primary		Primary		Primary		Split	
Sample Date	08/11/06		02/17/06		08/09/06		08/09/06	
Radionuclides (pCi/l)	Result	MDA	Result	MDA	Result	MDA	Result	MDA
Gamma-Emitting Radionuclides								
Cobalt-57	---	---	ND	1.30	ND	0.600	ND	5.69
Cobalt-60	---	---	ND	1.57	ND	0.981	ND	1.36
Cesium-134	---	---	ND	3.19	ND	1.03	ND	1.35
Cesium-137	---	---	ND	1.56	ND	0.907	ND	1.32
Europium-152	---	---	ND	4.04	ND	2.17	ND	3.08
Europium-154	---	---	ND	4.41	ND	2.40	ND	3.47
Potassium-40	---	---	ND	46.4	ND	23.2	ND	30.2
Manganese-54	---	---	ND	1.59	ND	0.772	ND	1.30
Sodium-22	---	---	ND	1.51	ND	0.816	ND	1.26
Isotopic Uranium and Thorium								
Thorium-228	---	---	---	---	---	---	---	---
Thorium-230	---	---	---	---	---	---	---	---
Thorium-232	---	---	---	---	---	---	---	---
Uranium-233/234	8.26 +/- 0.59	0.064	---	---	---	---	---	---
Uranium-235	0.393 J +/- 0.087	0.032	---	---	---	---	---	---
Uranium-238	7.86 +/- 0.57	0.059	---	---	---	---	---	---

See last page of Table X for notes and abbreviations.

TABLE X

SUMMARY OF ANALYSES FOR GAMMA-EMITTING RADIONUCLIDES, 2006
BOEING SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well Identifier	RD-33A		RD-33B		RD-33C		RD-34A	
Sample Port	Z2		---		---		---	
Sample Type	Primary		Primary		Primary		Primary	
Sample Date	02/17/06		02/16/06		02/16/06		02/21/06	
Radionuclides (pCi/l)	Result	MDA	Result	MDA	Result	MDA	Result	MDA
Gamma-Emitting Radionuclides								
Cobalt-57	ND	0.700	ND	1.19	ND	0.635	ND	0.662
Cobalt-60	ND	1.05	ND	1.49	ND	1.04	ND	1.02
Cesium-134	ND	1.28	ND	2.59	ND	1.85	ND	1.35
Cesium-137	ND	1.16	ND	1.42	ND	1.89	ND	0.937
Europium-152	ND	2.80	ND	3.56	ND	2.16	ND	2.26
Europium-154	ND	3.32	ND	4.15	ND	2.45	ND	2.48
Potassium-40	ND	18.7	ND	37.9	ND	22.3	ND	24.5
Manganese-54	ND	1.05	ND	1.39	ND	0.910	ND	0.846
Sodium-22	ND	1.15	ND	1.44	ND	0.848	ND	0.855
Isotopic Uranium and Thorium								
Thorium-228	---	---	---	---	---	---	0.010 U +/- 0.026	0.046
Thorium-230	---	---	---	---	---	---	0.003 U +/- 0.051	0.100
Thorium-232	---	---	---	---	---	---	0.003 U +/- 0.019	0.031
Uranium-233/234	---	---	---	---	---	---	8.82 +/- 0.57	0.054
Uranium-235	---	---	---	---	---	---	0.418 J +/- 0.074	0.023
Uranium-238	---	---	---	---	---	---	9.00 +/- 0.58	0.050

See last page of Table X for notes and abbreviations.

TABLE X

SUMMARY OF ANALYSES FOR GAMMA-EMITTING RADIONUCLIDES, 2006
BOEING SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well Identifier	RD-34A		RD-34B		RD-34C		RD-34C	
Sample Port	---		---		---		---	
Sample Type	Primary		Primary		Primary		Split	
Sample Date	11/16/06		02/17/06		02/21/06		02/21/06	
Radionuclides (pCi/l)	Result	MDA	Result	MDA	Result	MDA	Result	MDA
Gamma-Emitting Radionuclides								
Cobalt-57	---	---	ND	0.671	ND	1.41	ND	6.87
Cobalt-60	---	---	ND	1.26	ND	1.58	ND	1.81
Cesium-134	---	---	ND	1.31	ND	3.42	ND	1.42
Cesium-137	---	---	ND	1.16	ND	1.50	ND	2.63
Europium-152	---	---	ND	2.65	ND	4.25	ND	3.85
Europium-154	---	---	ND	3.17	ND	4.62	ND	4.27
Potassium-40	---	---	ND	18.9	ND	49.3	ND	39.5
Manganese-54	---	---	ND	1.14	ND	1.59	ND	1.56
Sodium-22	---	---	ND	1.09	ND	1.59	ND	1.54
Isotopic Uranium and Thorium								
Thorium-228	---	---	---	---	---	---	---	---
Thorium-230	---	---	---	---	---	---	---	---
Thorium-232	---	---	---	---	---	---	---	---
Uranium-233/234	11.0 +/- 0.73	0.074	0.474 J +/- 0.083	0.031	---	---	---	---
Uranium-235	0.628 J +/- 0.10	0.029	0.024 U +/- 0.024	0.030	---	---	---	---
Uranium-238	11.2 +/- 0.75	0.071	0.484 J +/- 0.084	0.036	---	---	---	---

See last page of Table X for notes and abbreviations.

TABLE X

SUMMARY OF ANALYSES FOR GAMMA-EMITTING RADIONUCLIDES, 2006
BOEING SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well Identifier	RD-54A		RD-54B		RD-54C		RD-57	
Sample Port	Z2		---		---		Z7	
Sample Type	Primary		Primary		Primary		Primary	
Sample Date	02/16/06		02/20/06		02/23/06		02/20/06	
Radionuclides (pCi/l)	Result	MDA	Result	MDA	Result	MDA	Result	MDA
Gamma-Emitting Radionuclides								
Cobalt-57	ND	0.678	ND	0.871	ND	0.667	ND	0.704
Cobalt-60	ND	0.919	ND	1.13	ND	1.10	ND	1.02
Cesium-134	ND	1.08	ND	1.56	ND	1.26	ND	1.14
Cesium-137	ND	0.951	ND	1.23	ND	1.10	ND	0.942
Europium-152	ND	2.26	ND	3.22	ND	2.82	ND	2.40
Europium-154	ND	2.79	ND	2.80	ND	3.17	ND	3.15
Potassium-40	ND	28.9	ND	24.8	ND	18.5	ND	19.0
Manganese-54	ND	0.969	ND	1.09	ND	1.01	ND	0.939
Sodium-22	ND	0.963	ND	0.955	ND	1.08	ND	1.09
Isotopic Uranium and Thorium								
Thorium-228	0.061 U +/- 0.051	0.068	---	---	---	---	---	---
Thorium-230	0.036 U +/- 0.061	0.110	---	---	---	---	---	---
Thorium-232	-0.010 U +/- 0.010	0.039	---	---	---	---	---	---
Uranium-233/234	10.6 +/- 0.72	0.071	---	---	---	---	---	---
Uranium-235	0.455 J +/- 0.091	0.033	---	---	---	---	---	---
Uranium-238	9.47 +/- 0.66	0.066	---	---	---	---	---	---

See last page of Table X for notes and abbreviations.

TABLE X

SUMMARY OF ANALYSES FOR GAMMA-EMITTING RADIONUCLIDES, 2006
BOEING SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well Identifier	RD-59A		RD-59A		RD-59B		RD-59B	
Sample Port	---		---		---		---	
Sample Type	Primary		Primary		Primary		Primary	
Sample Date	08/23/06		11/14/06		02/22/06		11/14/06	
Radionuclides (pCi/l)	Result	MDA	Result	MDA	Result	MDA	Result	MDA
Gamma-Emitting Radionuclides								
Cobalt-57	ND	0.995	ND	1.83	ND	1.17	ND	0.862
Cobalt-60	ND	1.62	ND	2.65	ND	1.46	ND	1.45
Cesium-134	ND	2.05	ND	3.02	ND	1.78	ND	1.38
Cesium-137	ND	1.69	ND	2.57	ND	1.46	ND	1.27
Europium-152	ND	4.34	ND	7.38	ND	3.74	ND	3.34
Europium-154	ND	4.83	ND	8.03	ND	4.35	ND	3.25
Potassium-40	ND	39.8	ND	54.5	ND	40.9	ND	30.7
Manganese-54	ND	1.68	ND	2.48	ND	1.47	ND	1.12
Sodium-22	ND	1.65	ND	2.73	ND	1.49	ND	1.10
Isotopic Uranium and Thorium								
Thorium-228	---	---	---	---	---	---	---	---
Thorium-230	---	---	---	---	---	---	---	---
Thorium-232	---	---	---	---	---	---	---	---
Uranium-233/234	---	---	---	---	---	---	---	---
Uranium-235	---	---	---	---	---	---	---	---
Uranium-238	---	---	---	---	---	---	---	---

See last page of Table X for notes and abbreviations.

TABLE X

SUMMARY OF ANALYSES FOR GAMMA-EMITTING RADIONUCLIDES, 2006
BOEING SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well Identifier	RD-59C		RD-59C		RD-59C		RD-63	
Sample Port	---		---		---		---	
Sample Type	Primary		Split		Primary		Primary	
Sample Date	02/22/06		02/22/06		11/14/06		02/16/06	
Radionuclides (pCi/l)	Result	MDA	Result	MDA	Result	MDA	Result	MDA
Gamma-Emitting Radionuclides								
Cobalt-57	ND	0.731	ND	6.54	ND	0.785	ND	1.36
Cobalt-60	ND	1.14	ND	1.81	ND	1.18	ND	1.47
Cesium-134	ND	1.49	ND	1.68	ND	1.21	ND	2.70
Cesium-137	ND	1.13	ND	1.66	ND	1.18	ND	1.46
Europium-152	ND	2.84	ND	3.52	ND	2.92	ND	3.94
Europium-154	ND	3.19	ND	5.35	ND	3.34	ND	4.53
Potassium-40	ND	19.2	ND	39.1	ND	22.0	ND	46.3
Manganese-54	ND	1.14	ND	1.54	ND	1.09	ND	1.56
Sodium-22	ND	1.09	ND	1.91	ND	1.14	ND	1.56
Isotopic Uranium and Thorium								
Thorium-228	---	---	---	---	---	---	---	---
Thorium-230	---	---	---	---	---	---	---	---
Thorium-232	---	---	---	---	---	---	---	---
Uranium-233/234	---	---	---	---	---	---	---	---
Uranium-235	---	---	---	---	---	---	---	---
Uranium-238	---	---	---	---	---	---	---	---

See last page of Table X for notes and abbreviations.

TABLE X

SUMMARY OF ANALYSES FOR GAMMA-EMITTING RADIONUCLIDES, 2006
BOEING SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well Identifier	RD-64		RD-64		RD-96		RD-96	
Sample Port	---		Z6		Filtered		Unfiltered	
Sample Type	Primary		Primary		Primary		Primary	
Sample Date	02/16/06		08/17/06		05/09/06		05/09/06	
Radionuclides (pCi/l)	Result	MDA	Result	MDA	Result	MDA	Result	MDA
Gamma-Emitting Radionuclides								
Cobalt-57	ND	1.50	---	---	ND	1.39	ND	0.670
Cobalt-60	ND	1.63	---	---	ND	1.84	ND	1.47
Cesium-134	ND	3.79	---	---	ND	2.03	ND	1.48
Cesium-137	ND	1.57	---	---	ND	1.81	ND	1.30
Europium-152	ND	4.31	---	---	ND	5.00	ND	3.03
Europium-154	ND	4.83	---	---	ND	5.43	ND	3.51
Potassium-40	ND	51.2	---	---	ND	54.9	ND	26.9
Manganese-54	ND	1.68	---	---	ND	1.66	ND	1.16
Sodium-22	ND	1.67	---	---	ND	1.83	ND	1.18
Isotopic Uranium and Thorium								
Thorium-228	---	---	---	---	---	---	---	---
Thorium-230	---	---	---	---	---	---	---	---
Thorium-232	---	---	---	---	---	---	---	---
Uranium-233/234	3.01 +/- 0.26	0.046	3.57 +/- 0.29	0.042	---	---	6.24 +/- 0.45	0.058
Uranium-235	0.124 J +/- 0.046	0.030	0.149 J +/- 0.051	0.027	---	---	0.356 J +/- 0.074	0.027
Uranium-238	2.31 +/- 0.21	0.035	2.79 +/- 0.24	0.036	---	---	6.07 +/- 0.44	0.052

See last page of Table X for notes and abbreviations.

TABLE X
SUMMARY OF ANALYSES FOR GAMMA-EMITTING RADIONUCLIDES, 2006
BOEING SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well Identifier	RD-97		RD-97	
Sample Port	Filtered		Unfiltered	
Sample Type	Primary		Primary	
Sample Date	05/09/06		05/09/06	
Radionuclides (pCi/l)	Result	MDA	Result	MDA
Gamma-Emitting Radionuclides				
Cobalt-57	ND	0.725	ND	0.706
Cobalt-60	ND	1.22	ND	1.12
Cesium-134	ND	2.07	ND	1.26
Cesium-137	ND	1.14	ND	1.08
Europium-152	ND	2.68	ND	2.57
Europium-154	ND	2.94	ND	2.87
Potassium-40	ND	29.8	ND	33.3
Manganese-54	ND	0.922	ND	1.03
Sodium-22	ND	0.991	ND	0.969
Isotopic Uranium and Thorium				
Thorium-228	---	---	---	---
Thorium-230	---	---	---	---
Thorium-232	---	---	---	---
Uranium-233/234	---	---	7.16 +/- 0.50	0.060
Uranium-235	---	---	0.429 J +/- 0.082	0.027
Uranium-238	---	---	6.35 +/- 0.46	0.056

See last page of Table X for notes and abbreviations.

TABLE X
NOTES AND ABBREVIATIONS

1.	Primary	=	Primary sample.
2.	Split	=	Split sample.
3.	pCi/l	=	PicoCuries per liter.
4.	---	=	Analysis not performed.
5.	J	=	Result is less than the contract-required MDA and greater than or equal to the MDA.
6.	U	=	Not detected above the MDA; numerical value represents the activity for that radionuclide.
7.	Z	=	FLUTe sample port number.

8. Detected concentrations are presented as the activity plus or minus the error.

9. Non-detectable results are presented as “ND” with the minimum detectable activity (MDA).

10. Primary sample analyses were performed by Eberline Services of Richmond, California.
Split sample analyses were performed by Severn Trent Laboratories of Richland, Washington.

11. Samples are filtered and acidified in the field.

12. Analytical results that are less than the procedure background value are shown as negative values.

13. EPA methods 901.1, 907.0, and 908.0 were used to analyze gamma-emitting radionuclides, isotopic thorium, and isotopic uranium, respectively.

14. As discussed in Appendix D, project specific MDAs could not be attained consistently due in part to matrix conditions (e.g., dissolved and suspended solids) and limitations in the prescribed analytical methods (e.g., sample volumes, counting times).

TABLE XI
SUMMARY OF ANALYSES FOR APPENDIX IX CONSTITUENTS, 2006
BOEING SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY CALIFORNIA

Inorganics							
Well Identifier			SH-04	RS-08	HAR-14	HAR-15	HAR-07
Sample Date			05/10/06	05/09/06	05/08/06	05/05/06	05/11/06
Sample Type			Primary	Primary	Primary	Primary	Primary
Sample Filtered*			Yes	Yes	Yes	Yes	Yes
Laboratory			TA	TA	DMA	TA	TA
Compound	Units	MCL					
Antimony	mg/l	0.006	0.00016 J	0.0001 U	0.00031 J	0.00032 J	0.000063 J
Arsenic	mg/l	0.05	0.0019	0.0014 J	0.0012 U	0.0047 U	0.0005 U
Barium	mg/l	1	0.034	0.047	0.029	0.0093	0.019
Beryllium	mg/l	0.004	0.00012 J	0.00015 U	0.000075 U	0.000075 U	0.000075 U
Cadmium	mg/l	0.005	0.00018 J	0.00068 J	0.00016 J	0.000073 U	0.000025 U
Chromium	mg/l	0.05	0.0019 J	0.0011 U	0.00056 U	0.004 U	0.00057 J
Cobalt	mg/l	NA	0.00035 J	0.0011 J	0.00022 J	0.00029 J	0.00023 J
Copper	mg/l	1 SMCL	0.0041	0.0078	0.0011 J	0.021	0.0042
Cyanide	mg/l	0.15	0.017 U	0.017 U	0.017 U	0.017 U	0.017 U
Lead	mg/l	0.015 ECAL	0.00098 J	0.00008 U	0.000073 J	0.0017	0.0017
Mercury	mg/l	0.002	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U
Nickel	mg/l	0.1	0.0022	0.0042	0.00052 J	0.0082	0.0014 J
Selenium	mg/l	0.05	0.00084 J	0.0019 J	0.0018 J	0.00042 J	0.00036 J
Silver	mg/l	0.1 SMCL	0.000025 U	0.00005 U	0.000025 U	0.000025 U	0.000025 U
Sulfide	mg/l	NA	0.035 J	0.04 J	0.046 J	0.01 U	0.035 J
Thallium	mg/l	0.002	0.00015 U	0.0003 U	0.00024 J	0.00015 U	0.00015 U
Tin	mg/l	NA	0.003 U	0.0065 J	0.003 U	0.003 U	0.0039 J
Vanadium	mg/l	0.05 NL	0.0033	0.0016 J	0.0017 J	0.0042	0.0007 U
Zinc	mg/l	5 SMCL	0.0095 U	0.0099 U	0.0057 J	0.018 J	0.027 U

See last page of Table XI for notes and abbreviations.

TABLE XI
SUMMARY OF ANALYSES FOR APPENDIX IX CONSTITUENTS, 2006
BOEING SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY CALIFORNIA

Inorganics				
Well Identifier			HAR-16	HAR-17
Sample Date			05/10/06	05/10/06
Sample Type			Primary	Primary
Sample Filtered*			Yes	Yes
Laboratory			TA	TA
Compound	Units	MCL		
Antimony	mg/l	0.006	0.00005 U	0.00014 J
Arsenic	mg/l	0.05	0.00052 J	0.0005 U
Barium	mg/l	1	0.017	0.077
Beryllium	mg/l	0.004	0.000075 U	0.000075 U
Cadmium	mg/l	0.005	0.000025 U	0.000036 J
Chromium	mg/l	0.05	0.00056 U	0.00056 U
Cobalt	mg/l	NA	0.0001 J	0.00088 J
Copper	mg/l	1 SMCL	0.00081 J	0.0029
Cyanide	mg/l	0.15	0.017 U	0.017 U
Lead	mg/l	0.015 ECAL	0.0011	0.0013
Mercury	mg/l	0.002	0.00005 U	0.00005 U
Nickel	mg/l	0.1	0.0021	0.004
Selenium	mg/l	0.05	0.0015 J	0.0013 J
Silver	mg/l	0.1 SMCL	0.000025 U	0.000025 U
Sulfide	mg/l	NA	0.02 J	0.033 J
Thallium	mg/l	0.002	0.00015 U	0.00015 U
Tin	mg/l	NA	0.003 U	0.003 U
Vanadium	mg/l	0.05 NL	0.0014 J	0.0007 U
Zinc	mg/l	5 SMCL	2.4	0.38

See last page of Table XI for notes and abbreviations.

TABLE XI
SUMMARY OF ANALYSES FOR APPENDIX IX CONSTITUENTS, 2006
BOEING SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY CALIFORNIA

Pesticides						
Well Identifier			SH-04	RS-08	HAR-14	HAR-15
Sample Date			05/10/06	05/09/06	05/08/06	05/05/06
Sample Type			Primary	Primary	Primary	Primary
Laboratory			TA	TA	TA	DMA
Compound	Units	MCL				
Aldrin	ug/l	0.002 NL	0.001 U	0.00097 U	0.00096 U	0.00097 U
alpha-BHC	ug/l	0.015 NL	0.001 U	0.00097 U	0.00096 U	0.00097 U
beta-BHC	ug/l	0.025 NL	0.003 U	0.0029 U	0.0029 U	0.0029 U
delta-BHC	ug/l	NA	0.02 U	0.019 U	0.019 U	0.019 U
Gamma-BHC (Lindane)	ug/l	0.2	0.02 U	0.019 U	0.019 U	0.019 U
Chlordane	ug/l	0.1	0.03 U	0.029 U	0.029 U	0.029 U
Chlorobenzilate	ug/l	NA	7.1 U	7.1 U	7.1 U	7.1 U
4,4'-DDD	ug/l	NA	0.02 U	0.019 U	0.019 U	0.019 U
4,4'-DDE	ug/l	NA	0.025 U	0.024 U	0.024 U	0.024 U
4,4'-DDT	ug/l	NA	0.035 U	0.034 U	0.034 U	0.034 U
Diallate	ug/l	NA	1.4 U	1.4 U	1.4 U	1.4 U
Dieldrin	ug/l	0.002 NL	0.001 U	0.00097 U	0.00096 U	0.00097 U
Dinoseb	ug/l	7	0.407 U	0.407 U	0.407 U	0.407 U
Endosulfan-I	ug/l	NA	0.015 U	0.015 U	0.014 U	0.015 U
Endosulfan-II	ug/l	NA	0.04 U	0.039 U	0.038 U	0.039 U
Endosulfan sulfate	ug/l	NA	0.02 U	0.019 U	0.019 U	0.019 U
Endrin	ug/l	2	0.02 U	0.019 U	0.019 U	0.019 U
Endrin aldehyde	ug/l	NA	0.045 U	0.044 U	0.043 U	0.044 U
Heptachlor	ug/l	0.01	0.003 U	0.0029 U	0.0029 U	0.0029 U
Heptachlor epoxide	ug/l	0.01	0.004 U	0.0039 U	0.0038 U	0.0039 U
Isodrin	ug/l	NA	0.94 U	0.94 U	0.94 U	0.94 U
Kepone	ug/l	NA	20 U	20 U	20 U	20 U
Methoxychlor	ug/l	30	0.035 U	0.034 U	0.034 U	0.034 U
Aroclor 1016	ug/l	0.5(total)	0.2 U	0.19 U	0.2 U	0.19 U
Aroclor 1221	ug/l	0.5(total)	0.1 U	0.097 U	0.098 U	0.097 U
Aroclor 1232	ug/l	0.5(total)	0.25 U	0.24 U	0.25 U	0.24 U
Aroclor 1242	ug/l	0.5(total)	0.25 U	0.24 U	0.25 U	0.24 U
Aroclor 1248	ug/l	0.5(total)	0.25 U	0.24 U	0.25 U	0.24 U
Aroclor 1254	ug/l	0.5(total)	0.25 U	0.24 U	0.25 U	0.24 U
Aroclor 1260	ug/l	0.5(total)	0.4 U	0.39 U	0.39 U	0.39 U
Toxaphene	ug/l	3	1.5 U	1.5 U	1.4 U	1.5 U
2,4-D	ug/l	70	0.174 U	0.174 U	0.174 U	0.174 U
2,4,5-T	ug/l	NA	0.285 U	0.285 U	0.285 U	0.285 U
2,4,5-TP (Silvex)	ug/l	50	0.23 U	0.23 U	0.23 U	0.23 U
2,3,7,8-TCDD	pg/l	30	1.75 U	1.61 U	1.87 U	2.41 U
2,3,7,8-TCDD TEQ (2005)	pg/l	30	0.0129 J,W	0.00354 J,W	6.04 U	1.04 W

See last page of Table XI for notes and abbreviations.

TABLE XI
SUMMARY OF ANALYSES FOR APPENDIX IX CONSTITUENTS, 2006
BOEING SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY CALIFORNIA

Pesticides					
Well Identifier			HAR-07	HAR-16	HAR-17
Sample Date			05/11/06	05/10/06	05/10/06
Sample Type			Primary	Primary	Primary
Laboratory			TA	TA	TA
Compound	Units	MCL			
Aldrin	ug/l	0.002 NL	0.00096 U	0.00096 U	0.001 U
alpha-BHC	ug/l	0.015 NL	0.00096 U	0.00096 U	0.001 U
beta-BHC	ug/l	0.025 NL	0.0029 U	0.0029 U	0.003 U
delta-BHC	ug/l	NA	0.019 U	0.019 U	0.02 U
Gamma-BHC (Lindane)	ug/l	0.2	0.019 U	0.019 U	0.02 U
Chlordane	ug/l	0.1	0.029 U	0.029 U	0.03 U
Chlorobenzilate	ug/l	NA	7.1 U	7.1 U	7.1 U
4,4'-DDD	ug/l	NA	0.019 U	0.019 U	0.02 U
4,4'-DDE	ug/l	NA	0.024 U	0.024 U	0.025 U
4,4'-DDT	ug/l	NA	0.034 U	0.034 U	0.035 U
Diallate	ug/l	NA	1.4 U	1.4 U	1.4 U
Dieldrin	ug/l	0.002 NL	0.00096 U	0.00096 U	0.001 U
Dinoseb	ug/l	7	0.407 U	0.407 U	0.407 U
Endosulfan-I	ug/l	NA	0.014 U	0.014 U	0.015 U
Endosulfan-II	ug/l	NA	0.038 U	0.038 U	0.04 U
Endosulfan sulfate	ug/l	NA	0.019 U	0.019 U	0.02 U
Endrin	ug/l	2	0.019 U	0.019 U	0.02 U
Endrin aldehyde	ug/l	NA	0.043 U	0.043 U	0.045 U
Heptachlor	ug/l	0.01	0.0029 U	0.0029 U	0.003 U
Heptachlor epoxide	ug/l	0.01	0.0038 U	0.0038 U	0.004 U
Isodrin	ug/l	NA	0.94 U	0.94 U	0.94 U
Kepone	ug/l	NA	20 U	20 U	20 U
Methoxychlor	ug/l	30	0.034 U	0.034 U	0.035 U
Aroclor 1016	ug/l	0.5(total)	0.19 U	0.19 U	0.2 U
Aroclor 1221	ug/l	0.5(total)	0.096 U	0.096 U	0.1 U
Aroclor 1232	ug/l	0.5(total)	0.24 U	0.24 U	0.25 U
Aroclor 1242	ug/l	0.5(total)	0.24 U	0.24 U	0.25 U
Aroclor 1248	ug/l	0.5(total)	0.24 U	0.24 U	0.25 U
Aroclor 1254	ug/l	0.5(total)	0.24 U	0.24 U	0.25 U
Aroclor 1260	ug/l	0.5(total)	0.38 U	0.38 U	0.4 U
Toxaphene	ug/l	3	1.4 U	1.4 U	1.5 U
2,4-D	ug/l	70	0.174 U	0.174 U	0.174 U
2,4,5-T	ug/l	NA	0.285 U	0.285 U	0.285 U
2,4,5-TP (Silvex)	ug/l	50	0.23 U	0.23 U	0.23 U
2,3,7,8-TCDD	pg/l	30	1.87 U	1.46 U	2.10 U
2,3,7,8-TCDD TEQ (2005)	pg/l	30	4.51 U	4.46 U	6.20 U

See last page of Table XI for notes and abbreviations.

TABLE XI
SUMMARY OF ANALYSES FOR APPENDIX IX CONSTITUENTS, 2006
BOEING SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY CALIFORNIA

Semi-Volatile Organic Compounds							
Well Identifier			SH-04	SH-04	RS-08	HAR-14	HAR-14
Sample Date			05/10/06	05/10/06	05/09/06	05/08/06	05/08/06
Sample Type			Primary	Dup	Primary	Primary	Dup
Laboratory			TA	Pacific	TA	DMA	Pacific
Compound	Units	MCL					
1,2,4,5-Tetrachlorobenzene	ug/l	NA	0.44 U	---	0.44 U	0.44 U	---
1,2,4-Trichlorobenzene	ug/l	5	0.26 U	---	0.26 U	0.26 U	---
1,2-Dichlorobenzene	ug/l	600	0.3 U	---	0.3 U	0.3 U	---
1,3,5-Trinitrobenzene	ug/l	NA	1.5 U	---	1.5 U	1.5 U	---
1,3-Dichlorobenzene	ug/l	600 NL	0.36 U	---	0.36 U	0.36 U	---
1,3-Dinitrobenzene	ug/l	NA	1.9 U	---	1.9 U	1.9 U	---
1,4-Dichlorobenzene	ug/l	5	0.32 U	---	0.32 U	0.32 U	---
1,4-Naphthoquinone	ug/l	NA	1.1 U	---	1.1 U	1.1 U	---
1,4-Phenylenediamine	ug/l	NA	5.3 U	---	5.3 U	5.3 U	---
1-Naphthylamine	ug/l	NA	3.7 U	---	3.7 U	3.7 U	---
2,3,4,6-Tetrachlorophenol	ug/l	NA	3.1 U	---	3.1 U	3.1 U	---
2,4,5-Trichlorophenol	ug/l	NA	0.29 U	---	0.29 U	0.29 U	---
2,4,6-Trichlorophenol	ug/l	NA	0.88 U	---	0.88 U	0.88 U	---
2,4-Dichlorophenol	ug/l	NA	0.77 U	---	0.77 U	0.77 U	---
2,4-Dimethylphenol	ug/l	100 NL	0.8 U	---	0.8 U	0.8 U	---
2,4-Dinitrophenol	ug/l	NA	1.4 U	---	1.4 U	1.4 U	---
2,4-Dinitrotoluene	ug/l	NA	0.4 U	---	0.4 U	0.4 U	---
2,6-Dichlorophenol	ug/l	NA	1 U	---	1 U	1 U	---
2,6-Dinitrotoluene	ug/l	NA	0.24 U	---	0.24 U	0.24 U	---
2-Acetylaminofluorene	ug/l	NA	6.5 U	---	6.5 U	6.5 U	---
2-Chloronaphthalene	ug/l	NA	0.26 U	---	0.26 U	0.26 U	---
2-Chlorophenol	ug/l	NA	0.71 U	---	0.71 U	0.71 U	---
2-Methylnaphthalene	ug/l	NA	0.3 U	---	0.3 U	0.3 U	---
2-Methylphenol	ug/l	NA	0.48 U	---	0.48 U	0.48 U	---
2-Naphthylamine	ug/l	NA	3.2 U	---	3.2 U	3.2 U	---
2-Nitroaniline	ug/l	NA	0.23 U	---	0.23 U	0.23 U	---
2-Nitrophenol	ug/l	NA	0.84 U	---	0.84 U	0.84 U	---
2-Picoline	ug/l	NA	0.3 U	---	0.3 U	0.3 U	---
3,3'-Dichlorobenzidine	ug/l	NA	1.5 U	---	1.5 U	1.5 U	---
3,3'-Dimethylbenzidine	ug/l	NA	1.5 U	---	1.5 U	1.5 U	---
3-Methylcholanthrene	ug/l	NA	1.1 U	---	1.1 U	1.1 U	---
3-Nitroaniline	ug/l	NA	0.34 U	---	0.34 U	0.34 U	---
4-Aminobiphenyl	ug/l	NA	4.9 U	---	4.9 U	4.9 U	---
4-Bromophenyl phenyl ether	ug/l	NA	0.23 U	---	0.23 U	0.23 U	---
4-Chloro-3-methylphenol	ug/l	NA	0.4 U	---	0.4 U	0.4 U	---
4-Chloroaniline	ug/l	NA	1.1 U	---	1.1 U	1.1 U	---
4-Chlorophenyl phenyl ether	ug/l	NA	0.24 U	---	0.24 U	0.24 U	---
3 & 4-Methylphenol	ug/l	NA	0.3 U	---	0.3 U	0.3 U	---
4-Nitroaniline	ug/l	NA	0.55 U	---	0.55 U	0.55 U	---
4-Nitrophenol	ug/l	NA	1 U	---	1 U	1 U	---
4-Nitroquinoline-1-oxide	ug/l	NA	2.2 U	---	2.2 U	2.2 U	---
4,6-Dinitro-2-methylphenol	ug/l	NA	0.33 U	---	0.33 U	0.33 U	---
5-Nitro-o-toluidine	ug/l	NA	4.4 U	---	4.4 U	4.4 U	---
7,12-Dimethylbenz(a)anthracene	ug/l	NA	3.6 U	---	3.6 U	3.6 U	---
Acenaphthene	ug/l	NA	0.31 U	---	0.31 U	0.31 U	---
Acenaphthylene	ug/l	NA	0.26 U	---	0.26 U	0.26 U	---

See last page of Table XI for notes and abbreviations.

TABLE XI
SUMMARY OF ANALYSES FOR APPENDIX IX CONSTITUENTS, 2006
BOEING SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY CALIFORNIA

Semi-Volatile Organic Compounds							
Well Identifier			SH-04	SH-04	RS-08	HAR-14	HAR-14
Sample Date			05/10/06	05/10/06	05/09/06	05/08/06	05/08/06
Sample Type			Primary	Dup	Primary	Primary	Dup
Laboratory			TA	Pacific	TA	DMA	Pacific
Compound	Units	MCL					
Acetophenone	ug/l	NA	0.6 U	---	0.6 U	0.6 U	---
Aniline	ug/l	NA	0.63 U	---	0.63 U	0.63 U	---
Anthracene	ug/l	NA	0.28 U	---	0.28 U	0.28 U	---
Aramite	ug/l	NA	3.7 U	---	3.7 U	3.7 U	---
Benzo(a)anthracene	ug/l	NA	0.19 U	---	0.19 U	0.19 U	---
Benzo(a)pyrene	ug/l	0.2	0.2 U	---	0.2 U	0.2 U	---
Benzo(b)fluoranthene	ug/l	NA	0.16 U	---	0.16 U	0.16 U	---
Benzo(ghi)perylene	ug/l	NA	0.31 U	---	0.31 U	0.31 U	---
Benzo(k)fluoranthene	ug/l	NA	0.23 U	---	0.23 U	0.23 U	---
Benzyl Alcohol	ug/l	NA	0.55 U	---	0.55 U	0.55 U	---
Bis(2-Chloroethoxy)methane	ug/l	NA	0.4 U	---	0.4 U	0.4 U	---
Bis(2-chloroethyl)ether	ug/l	NA	0.46 U	---	0.46 U	0.46 U	---
Bis(2-chloroisopropyl)ether	ug/l	NA	0.48 U	---	0.48 U	0.48 U	---
Bis(2-Ethylhexyl) phthalate	ug/l	4	5.4 U	---	3.9 U	1.3 U	---
Butyl benzyl phthalate	ug/l	NA	0.29 U	---	0.37 J	0.29 U	---
Chrysene	ug/l	NA	0.25 U	---	0.25 U	0.25 U	---
Di-n-butyl phthalate	ug/l	NA	0.53 U	---	0.53 U	0.53 U	---
Di-n-octyl phthalate	ug/l	NA	0.28 U	---	0.36 J	0.28 U	---
Dibenz(a,h)anthracene	ug/l	NA	0.32 U	---	0.32 U	0.32 U	---
Dibenzofuran	ug/l	NA	0.33 U	---	0.33 U	0.33 U	---
Diethyl phthalate	ug/l	NA	0.23 U	---	0.23 UJ	0.23 U	---
Dimethoate	ug/l	1 NL	0.12 U	---	0.12 U	0.12 U	---
Dimethyl phthalate	ug/l	NA	0.26 U	---	0.26 U	0.26 U	---
Diphenylamine	ug/l	NA	1.2 U	---	1.2 U	1.2 U	---
Disulfoton	ug/l	NA	0.17 U	---	0.16 U	0.17 U	---
Ethyl methanesulfonate	ug/l	NA	0.94 U	---	0.94 U	0.94 U	---
Famphur	ug/l	NA	2.4 U	---	2.4 U	2.4 U	---
Fluoranthene	ug/l	NA	0.16 U	---	0.16 U	0.16 U	---
Fluorene	ug/l	NA	0.28 U	---	0.28 U	0.28 U	---
Hexachlorobenzene	ug/l	1	0.15 U	---	0.15 U	0.15 U	---
Hexachlorobutadiene	ug/l	NA	0.41 U	---	0.41 U	0.41 U	---
Hexachlorocyclopentadiene	ug/l	50	14 U	---	14 U	14 U	---
Hexachloroethane	ug/l	NA	0.36 U	---	0.36 U	0.36 U	---
Hexachlorophene	ug/l	NA	15 U	---	15 U	15 U	---
Hexachloropropene	ug/l	NA	5.5 U	---	5.5 U	5.5 U	---
Indeno(1,2,3-cd)pyrene	ug/l	NA	0.32 U	---	0.32 U	0.32 U	---
Isophorone	ug/l	NA	0.33 U	---	0.33 U	0.33 U	---
Isosafrole	ug/l	NA	1 U	---	1 U	1 U	---
Methapyrilene	ug/l	NA	1.8 U	---	1.8 U	1.8 U	---
Methyl methanesulfonate	ug/l	NA	0.94 U	---	0.94 U	0.94 U	---
N-Nitrosodi-n-butylamine	ug/l	NA	3 U	---	3 U	3 U	---
N-Nitrosodi-n-propylamine	ug/l	NA	0.41 U	---	0.41 U	0.41 U	---
N-Nitrosodiethylamine	ug/l	NA	0.78 U	---	0.78 U	0.78 U	---
N-Nitrosodimethylamine	ug/l	0.01 NL	0.2683	0.2609	0.01 U	0.4054	0.4042
N-Nitrosodiphenylamine	ug/l	NA	0.23 U	---	0.23 U	0.23 U	---
N-Nitrosomethylethylamine	ug/l	NA	0.66 U	---	0.66 U	0.66 U	---

See last page of Table XI for notes and abbreviations.

TABLE XI
SUMMARY OF ANALYSES FOR APPENDIX IX CONSTITUENTS, 2006
BOEING SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY CALIFORNIA

Semi-Volatile Organic Compounds							
Well Identifier			SH-04	SH-04	RS-08	HAR-14	HAR-14
Sample Date			05/10/06	05/10/06	05/09/06	05/08/06	05/08/06
Sample Type			Primary	Dup	Primary	Primary	Dup
Laboratory			TA	Pacific	TA	DMA	Pacific
Compound	Units	MCL					
N-Nitrosomorpholine	ug/l	NA	1.5 U	---	1.5 U	1.5 U	---
N-Nitrosopiperidine	ug/l	NA	0.53 U	---	0.53 U	0.53 U	---
N-Nitrosopyrrolidine	ug/l	NA	6 U	---	6 U	6 U	---
Naphthalene	ug/l	17 NL	0.35 U	---	0.35 U	0.35 U	---
Nitrobenzene	ug/l	NA	0.37 U	---	0.37 U	0.37 U	---
O,O,O-Triethylphosphorothioate	ug/l	NA	0.56 U	---	0.56 U	0.56 U	---
o-Toluidine	ug/l	NA	0.66 U	---	0.66 U	0.66 U	---
p-Dimethylaminoazobenzene	ug/l	NA	3.3 U	---	3.3 U	3.3 U	---
Parathion-ethyl	ug/l	40 NL	0.049 U	---	0.047 U	0.049 U	---
Parathion-methyl	ug/l	2 NL	0.21 U	---	0.2 U	0.21 U	---
Pentachlorobenzene	ug/l	NA	1.7 U	---	1.7 U	1.7 U	---
Pentachloroethane	ug/l	NA	6 U	---	6 U	6 U	---
Pentachloronitrobenzene	ug/l	20 NL	1.7 U	---	1.7 U	1.7 U	---
Pentachlorophenol	ug/l	1	0.16 U	---	0.16 U	0.16 U	---
Phenacetin	ug/l	NA	6 U	---	6 U	6 U	---
Phenanthrene	ug/l	NA	0.25 U	---	0.25 U	0.25 U	---
Phenol	ug/l	4200 NL	0.3 U	---	0.3 U	0.3 U	---
a,a-Dimethylphenethylamine	ug/l	NA	2 U	---	2 U	2 U	---
Phorate	ug/l	NA	0.11 U	---	0.11 U	0.11 U	---
Pronamide	ug/l	NA	3.2 U	---	3.2 U	3.2 U	---
Pyrene	ug/l	NA	0.16 U	---	0.16 U	0.16 U	---
Pyridine	ug/l	NA	0.49 U	---	0.49 U	0.49 U	---
Safrole	ug/l	NA	0.76 U	---	0.76 U	0.76 U	---
Sulfotepp	ug/l	NA	0.068 U	---	0.066 U	0.069 U	---
Thionazin	ug/l	NA	1.4 U	---	1.4 U	1.4 U	---

See last page of Table XI for notes and abbreviations.

TABLE XI
SUMMARY OF ANALYSES FOR APPENDIX IX CONSTITUENTS, 2006
BOEING SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY CALIFORNIA

Semi-Volatile Organic Compounds							
Well Identifier			HAR-15	HAR-07	HAR-07	HAR-16	HAR-16
Sample Date			05/05/06	05/11/06	05/11/06	05/10/06	05/10/06
Sample Type			Primary	Primary	Dup	Primary	Dup
Laboratory			TA	TA	Pacific	TA	Pacific
Compound	Units	MCL					
1,2,4,5-Tetrachlorobenzene	ug/l	NA	0.44 U	0.44 U	---	0.44 U	---
1,2,4-Trichlorobenzene	ug/l	5	0.26 U	0.26 U	---	0.26 U	---
1,2-Dichlorobenzene	ug/l	600	0.3 U	0.3 U	---	0.3 U	---
1,3,5-Trinitrobenzene	ug/l	NA	1.5 U	1.5 U	---	1.5 U	---
1,3-Dichlorobenzene	ug/l	600 NL	0.36 U	0.36 U	---	0.36 U	---
1,3-Dinitrobenzene	ug/l	NA	1.9 U	1.9 U	---	1.9 U	---
1,4-Dichlorobenzene	ug/l	5	0.32 U	0.32 U	---	0.32 U	---
1,4-Naphthoquinone	ug/l	NA	1.1 U	1.1 U	---	1.1 U	---
1,4-Phenylenediamine	ug/l	NA	5.3 U	5.3 U	---	5.3 U	---
1-Naphthylamine	ug/l	NA	3.7 U	3.7 U	---	3.7 U	---
2,3,4,6-Tetrachlorophenol	ug/l	NA	3.1 U	3.1 U	---	3.1 U	---
2,4,5-Trichlorophenol	ug/l	NA	0.29 U	0.29 U	---	0.29 U	---
2,4,6-Trichlorophenol	ug/l	NA	0.88 U	0.88 U	---	0.88 U	---
2,4-Dichlorophenol	ug/l	NA	0.77 U	0.77 U	---	0.77 U	---
2,4-Dimethylphenol	ug/l	100 NL	0.8 U	0.8 U	---	0.8 U	---
2,4-Dinitrophenol	ug/l	NA	1.4 U	1.4 U	---	1.4 U	---
2,4-Dinitrotoluene	ug/l	NA	0.4 U	0.4 U	---	0.4 U	---
2,6-Dichlorophenol	ug/l	NA	1 U	1 U	---	1 U	---
2,6-Dinitrotoluene	ug/l	NA	0.24 U	0.24 U	---	0.24 U	---
2-Acetylaminofluorene	ug/l	NA	6.5 U	6.5 U	---	6.5 U	---
2-Chloronaphthalene	ug/l	NA	0.26 U	0.26 U	---	0.26 U	---
2-Chlorophenol	ug/l	NA	0.71 U	0.71 U	---	0.71 U	---
2-Methylnaphthalene	ug/l	NA	0.3 U	0.3 U	---	0.3 U	---
2-Methylphenol	ug/l	NA	0.48 U	0.48 U	---	0.48 U	---
2-Naphthylamine	ug/l	NA	3.2 U	3.2 U	---	3.2 U	---
2-Nitroaniline	ug/l	NA	0.23 U	0.23 U	---	0.23 U	---
2-Nitrophenol	ug/l	NA	0.84 U	0.84 U	---	0.84 U	---
2-Picoline	ug/l	NA	0.3 U	0.3 U	---	0.3 U	---
3,3'-Dichlorobenzidine	ug/l	NA	1.5 U	1.5 U	---	1.5 U	---
3,3'-Dimethylbenzidine	ug/l	NA	1.5 U	1.5 U	---	1.5 U	---
3-Methylcholanthrene	ug/l	NA	1.1 U	1.1 U	---	1.1 U	---
3-Nitroaniline	ug/l	NA	0.34 U	0.34 U	---	0.34 U	---
4-Aminobiphenyl	ug/l	NA	4.9 U	4.9 U	---	4.9 U	---
4-Bromophenyl phenyl ether	ug/l	NA	0.23 U	0.23 U	---	0.23 U	---
4-Chloro-3-methylphenol	ug/l	NA	0.4 U	0.4 U	---	0.4 U	---
4-Chloroaniline	ug/l	NA	1.1 U	1.1 U	---	1.1 U	---
4-Chlorophenyl phenyl ether	ug/l	NA	0.24 U	0.24 U	---	0.24 U	---
3 & 4-Methylphenol	ug/l	NA	0.3 U	0.3 U	---	0.3 U	---
4-Nitroaniline	ug/l	NA	0.55 U	0.55 U	---	0.55 U	---
4-Nitrophenol	ug/l	NA	1 U	1 U	---	1 U	---
4-Nitroquinoline-1-oxide	ug/l	NA	2.2 U	2.2 U	---	2.2 U	---
4,6-Dinitro-2-methylphenol	ug/l	NA	0.33 U	0.33 U	---	0.33 U	---
5-Nitro-o-toluidine	ug/l	NA	4.4 U	4.4 U	---	4.4 U	---
7,12-Dimethylbenz(a)anthracene	ug/l	NA	3.6 U	3.6 U	---	3.6 U	---
Acenaphthene	ug/l	NA	0.31 U	0.31 U	---	0.31 U	---
Acenaphthylene	ug/l	NA	0.26 U	0.26 U	---	0.26 U	---

See last page of Table XI for notes and abbreviations.

TABLE XI
SUMMARY OF ANALYSES FOR APPENDIX IX CONSTITUENTS, 2006
BOEING SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY CALIFORNIA

Semi-Volatile Organic Compounds							
Well Identifier			HAR-15	HAR-07	HAR-07	HAR-16	HAR-16
Sample Date			05/05/06	05/11/06	05/11/06	05/10/06	05/10/06
Sample Type			Primary	Primary	Dup	Primary	Dup
Laboratory			TA	TA	Pacific	TA	Pacific
Compound	Units	MCL					
Acetophenone	ug/l	NA	0.6 U	0.6 U	---	0.6 U	---
Aniline	ug/l	NA	0.63 U	0.63 U	---	0.63 U	---
Anthracene	ug/l	NA	0.28 U	0.28 U	---	0.28 U	---
Aramite	ug/l	NA	3.7 U	3.7 U	---	3.7 U	---
Benzo(a)anthracene	ug/l	NA	0.19 U	0.19 U	---	0.19 U	---
Benzo(a)pyrene	ug/l	0.2	0.2 U	0.2 U	---	0.2 U	---
Benzo(b)fluoranthene	ug/l	NA	0.16 U	0.16 U	---	0.16 U	---
Benzo(ghi)perylene	ug/l	NA	0.31 U	0.31 U	---	0.31 U	---
Benzo(k)fluoranthene	ug/l	NA	0.23 U	0.23 U	---	0.23 U	---
Benzyl Alcohol	ug/l	NA	0.55 U	0.55 U	---	0.55 U	---
Bis(2-Chloroethoxy)methane	ug/l	NA	0.4 U	0.4 U	---	0.4 U	---
Bis(2-chloroethyl)ether	ug/l	NA	0.46 U	0.46 U	---	0.46 U	---
Bis(2-chloroisopropyl)ether	ug/l	NA	0.48 U	0.48 U	---	0.48 U	---
Bis(2-Ethylhexyl) phthalate	ug/l	4	1.7 U	0.54 U	---	0.66 U	---
Butyl benzyl phthalate	ug/l	NA	0.29 U	0.29 U	---	0.29 U	---
Chrysene	ug/l	NA	0.25 U	0.25 U	---	0.25 U	---
Di-n-butyl phthalate	ug/l	NA	0.53 U	0.53 U	---	0.53 U	---
Di-n-octyl phthalate	ug/l	NA	0.28 U	0.28 U	---	0.28 U	---
Dibenz(a,h)anthracene	ug/l	NA	0.32 U	0.32 U	---	0.32 U	---
Dibenzofuran	ug/l	NA	0.33 U	0.33 U	---	0.33 U	---
Diethyl phthalate	ug/l	NA	0.4 U	0.23 U	---	0.23 U	---
Dimethoate	ug/l	1 NL	0.12 U	0.12 U	---	0.12 U	---
Dimethyl phthalate	ug/l	NA	0.26 U	0.26 U	---	0.26 U	---
Diphenylamine	ug/l	NA	1.2 U	1.2 U	---	1.2 U	---
Disulfoton	ug/l	NA	0.16 U	0.16 U	---	0.16 U	---
Ethyl methanesulfonate	ug/l	NA	0.94 U	0.94 U	---	0.94 U	---
Famphur	ug/l	NA	2.4 U	2.4 U	---	2.4 U	---
Fluoranthene	ug/l	NA	0.16 U	0.16 U	---	0.16 U	---
Fluorene	ug/l	NA	0.28 U	0.28 U	---	0.28 U	---
Hexachlorobenzene	ug/l	1	0.15 U	0.15 U	---	0.15 U	---
Hexachlorobutadiene	ug/l	NA	0.41 U	0.41 U	---	0.41 U	---
Hexachlorocyclopentadiene	ug/l	50	14 U	14 U	---	14 U	---
Hexachloroethane	ug/l	NA	0.36 U	0.36 U	---	0.36 U	---
Hexachlorophene	ug/l	NA	15 U	15 U	---	15 U	---
Hexachloropropene	ug/l	NA	5.5 U	5.5 U	---	5.5 U	---
Indeno(1,2,3-cd)pyrene	ug/l	NA	0.32 U	0.32 U	---	0.32 U	---
Isophorone	ug/l	NA	0.33 U	0.33 U	---	0.33 U	---
Isosafrole	ug/l	NA	1 U	1 U	---	1 U	---
Methapyrilene	ug/l	NA	1.8 U	1.8 U	---	1.8 U	---
Methyl methanesulfonate	ug/l	NA	0.94 U	0.94 U	---	0.94 U	---
N-Nitrosodi-n-butylamine	ug/l	NA	3 U	3 U	---	3 U	---
N-Nitrosodi-n-propylamine	ug/l	NA	0.41 U	0.41 U	---	0.41 U	---
N-Nitrosodiethylamine	ug/l	NA	0.78 U	0.78 U	---	0.78 U	---
N-Nitrosodimethylamine	ug/l	0.01 NL	0.01 U	0.0346	0.0346	6.4319	6.0726
N-Nitrosodiphenylamine	ug/l	NA	0.23 U	0.23 U	---	0.23 U	---
N-Nitrosomethylethylamine	ug/l	NA	0.66 U	0.66 U	---	0.66 U	---

See last page of Table XI for notes and abbreviations.

TABLE XI
SUMMARY OF ANALYSES FOR APPENDIX IX CONSTITUENTS, 2006
BOEING SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY CALIFORNIA

Semi-Volatile Organic Compounds							
Well Identifier			HAR-15	HAR-07	HAR-07	HAR-16	HAR-16
Sample Date			05/05/06	05/11/06	05/11/06	05/10/06	05/10/06
Sample Type			Primary	Primary	Dup	Primary	Dup
Laboratory			TA	TA	Pacific	TA	Pacific
Compound	Units	MCL					
N-Nitrosomorpholine	ug/l	NA	1.5 U	1.5 U	---	1.5 U	---
N-Nitrosopiperidine	ug/l	NA	0.53 U	0.53 U	---	0.53 U	---
N-Nitrosopyrrolidine	ug/l	NA	6 U	6 U	---	6 U	---
Naphthalene	ug/l	17 NL	0.35 U	0.35 U	---	0.35 U	---
Nitrobenzene	ug/l	NA	0.37 U	0.37 U	---	0.37 U	---
O,O,O-Triethylphosphorothioate	ug/l	NA	0.56 U	0.56 U	---	0.56 U	---
o-Toluidine	ug/l	NA	0.66 U	0.66 U	---	0.66 U	---
p-Dimethylaminoazobenzene	ug/l	NA	3.3 U	3.3 U	---	3.3 U	---
Parathion-ethyl	ug/l	40 NL	0.047 U	0.048 U	---	0.048 U	---
Parathion-methyl	ug/l	2 NL	0.2 U	0.2 U	---	0.2 U	---
Pentachlorobenzene	ug/l	NA	1.7 U	1.7 U	---	1.7 U	---
Pentachloroethane	ug/l	NA	6 U	6 U	---	6 U	---
Pentachloronitrobenzene	ug/l	20 NL	1.7 U	1.7 U	---	1.7 U	---
Pentachlorophenol	ug/l	1	0.159 U	0.159 U	---	0.157 U	---
Phenacetin	ug/l	NA	6 U	6 U	---	6 U	---
Phenanthrene	ug/l	NA	0.25 U	0.25 U	---	0.25 U	---
Phenol	ug/l	4200 NL	0.3 U	0.3 U	---	0.3 U	---
a,a-Dimethylphenethylamine	ug/l	NA	2 U	2 U	---	2 U	---
Phorate	ug/l	NA	0.11 U	0.11 U	---	0.11 U	---
Pronamide	ug/l	NA	3.2 U	3.2 U	---	3.2 U	---
Pyrene	ug/l	NA	0.16 U	0.16 U	---	0.16 U	---
Pyridine	ug/l	NA	0.49 U	0.49 U	---	0.49 U	---
Safrole	ug/l	NA	0.76 U	0.76 U	---	0.76 U	---
Sulfotepp	ug/l	NA	0.066 U	0.067 U	---	0.067 U	---
Thionazin	ug/l	NA	1.4 U	1.4 U	---	1.4 U	---

See last page of Table XI for notes and abbreviations.

TABLE XI
SUMMARY OF ANALYSES FOR APPENDIX IX CONSTITUENTS, 2006
BOEING SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY CALIFORNIA

Semi-Volatile Organic Compounds				
Well Identifier			HAR-17	HAR-17
Sample Date			05/10/06	05/10/06
Sample Type			Primary	Dup
Laboratory			TA	Pacific
Compound	Units	MCL		
1,2,4,5-Tetrachlorobenzene	ug/l	NA	0.44 U	---
1,2,4-Trichlorobenzene	ug/l	5	0.26 U	---
1,2-Dichlorobenzene	ug/l	600	0.3 U	---
1,3,5-Trinitrobenzene	ug/l	NA	1.5 U	---
1,3-Dichlorobenzene	ug/l	600 NL	0.36 U	---
1,3-Dinitrobenzene	ug/l	NA	1.9 U	---
1,4-Dichlorobenzene	ug/l	5	0.32 U	---
1,4-Naphthoquinone	ug/l	NA	1.1 U	---
1,4-Phenylenediamine	ug/l	NA	5.3 U	---
1-Naphthylamine	ug/l	NA	3.7 U	---
2,3,4,6-Tetrachlorophenol	ug/l	NA	3.1 U	---
2,4,5-Trichlorophenol	ug/l	NA	0.29 U	---
2,4,6-Trichlorophenol	ug/l	NA	0.88 U	---
2,4-Dichlorophenol	ug/l	NA	0.77 U	---
2,4-Dimethylphenol	ug/l	100 NL	0.8 U	---
2,4-Dinitrophenol	ug/l	NA	1.4 U	---
2,4-Dinitrotoluene	ug/l	NA	0.4 U	---
2,6-Dichlorophenol	ug/l	NA	1 U	---
2,6-Dinitrotoluene	ug/l	NA	0.24 U	---
2-Acetylaminofluorene	ug/l	NA	6.5 U	---
2-Chloronaphthalene	ug/l	NA	0.26 U	---
2-Chlorophenol	ug/l	NA	0.71 U	---
2-Methylnaphthalene	ug/l	NA	0.3 U	---
2-Methylphenol	ug/l	NA	0.48 U	---
2-Naphthylamine	ug/l	NA	3.2 U	---
2-Nitroaniline	ug/l	NA	0.23 U	---
2-Nitrophenol	ug/l	NA	0.84 U	---
2-Picoline	ug/l	NA	0.3 U	---
3,3'-Dichlorobenzidine	ug/l	NA	1.5 U	---
3,3'-Dimethylbenzidine	ug/l	NA	1.5 U	---
3-Methylcholanthrene	ug/l	NA	1.1 U	---
3-Nitroaniline	ug/l	NA	0.34 U	---
4-Aminobiphenyl	ug/l	NA	4.9 U	---
4-Bromophenyl phenyl ether	ug/l	NA	0.23 U	---
4-Chloro-3-methylphenol	ug/l	NA	0.4 U	---
4-Chloroaniline	ug/l	NA	1.1 U	---
4-Chlorophenyl phenyl ether	ug/l	NA	0.24 U	---
3 & 4-Methylphenol	ug/l	NA	0.3 U	---
4-Nitroaniline	ug/l	NA	0.55 U	---
4-Nitrophenol	ug/l	NA	1 U	---
4-Nitroquinoline-1-oxide	ug/l	NA	2.2 U	---
4,6-Dinitro-2-methylphenol	ug/l	NA	0.33 U	---
5-Nitro-o-toluidine	ug/l	NA	4.4 U	---
7,12-Dimethylbenz(a)anthracene	ug/l	NA	3.6 U	---
Acenaphthene	ug/l	NA	0.31 U	---
Acenaphthylene	ug/l	NA	0.26 U	---

See last page of Table XI for notes and abbreviations.

TABLE XI
SUMMARY OF ANALYSES FOR APPENDIX IX CONSTITUENTS, 2006
BOEING SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY CALIFORNIA

Semi-Volatile Organic Compounds				
Well Identifier			HAR-17	HAR-17
Sample Date			05/10/06	05/10/06
Sample Type			Primary	Dup
Laboratory			TA	Pacific
Compound	Units	MCL		
Acetophenone	ug/l	NA	0.6 U	---
Aniline	ug/l	NA	0.63 U	---
Anthracene	ug/l	NA	0.28 U	---
Aramite	ug/l	NA	3.7 U	---
Benzo(a)anthracene	ug/l	NA	0.19 U	---
Benzo(a)pyrene	ug/l	0.2	0.2 U	---
Benzo(b)fluoranthene	ug/l	NA	0.16 U	---
Benzo(ghi)perylene	ug/l	NA	0.31 U	---
Benzo(k)fluoranthene	ug/l	NA	0.23 U	---
Benzyl Alcohol	ug/l	NA	0.55 U	---
Bis(2-Chloroethoxy)methane	ug/l	NA	0.4 U	---
Bis(2-chloroethyl)ether	ug/l	NA	0.46 U	---
Bis(2-chloroisopropyl)ether	ug/l	NA	0.48 U	---
Bis(2-Ethylhexyl) phthalate	ug/l	4	0.84 U	---
Butyl benzyl phthalate	ug/l	NA	0.29 U	---
Chrysene	ug/l	NA	0.25 U	---
Di-n-butyl phthalate	ug/l	NA	0.53 U	---
Di-n-octyl phthalate	ug/l	NA	0.28 U	---
Dibenz(a,h)anthracene	ug/l	NA	0.32 U	---
Dibenzofuran	ug/l	NA	0.33 U	---
Diethyl phthalate	ug/l	NA	0.26 J	---
Dimethoate	ug/l	1 NL	0.12 U	---
Dimethyl phthalate	ug/l	NA	0.26 U	---
Diphenylamine	ug/l	NA	1.2 U	---
Disulfoton	ug/l	NA	0.16 U	---
Ethyl methanesulfonate	ug/l	NA	0.94 U	---
Famphur	ug/l	NA	2.4 U	---
Fluoranthene	ug/l	NA	0.16 U	---
Fluorene	ug/l	NA	0.28 U	---
Hexachlorobenzene	ug/l	1	0.15 U	---
Hexachlorobutadiene	ug/l	NA	0.41 U	---
Hexachlorocyclopentadiene	ug/l	50	14 U	---
Hexachloroethane	ug/l	NA	0.36 U	---
Hexachlorophene	ug/l	NA	15 U	---
Hexachloropropene	ug/l	NA	5.5 U	---
Indeno(1,2,3-cd)pyrene	ug/l	NA	0.32 U	---
Isophorone	ug/l	NA	0.33 U	---
Isosafrole	ug/l	NA	1 U	---
Methapyrilene	ug/l	NA	1.8 U	---
Methyl methanesulfonate	ug/l	NA	0.94 U	---
N-Nitrosodi-n-butylamine	ug/l	NA	3 U	---
N-Nitrosodi-n-propylamine	ug/l	NA	0.41 U	---
N-Nitrosodiethylamine	ug/l	NA	0.78 U	---
N-Nitrosodimethylamine	ug/l	0.01 NL	0.035	0.0333
N-Nitrosodiphenylamine	ug/l	NA	0.23 U	---
N-Nitrosomethylethylamine	ug/l	NA	0.66 U	---

See last page of Table XI for notes and abbreviations.

TABLE XI
SUMMARY OF ANALYSES FOR APPENDIX IX CONSTITUENTS, 2006
BOEING SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY CALIFORNIA

Semi-Volatile Organic Compounds				
Well Identifier			HAR-17	HAR-17
Sample Date			05/10/06	05/10/06
Sample Type			Primary	Dup
Laboratory			TA	Pacific
Compound	Units	MCL		
N-Nitrosomorpholine	ug/l	NA	1.5 U	---
N-Nitrosopiperidine	ug/l	NA	0.53 U	---
N-Nitrosopyrrolidine	ug/l	NA	6 U	---
Naphthalene	ug/l	17 NL	0.35 U	---
Nitrobenzene	ug/l	NA	0.37 U	---
O,O,O-Triethylphosphorothioate	ug/l	NA	0.56 U	---
o-Toluidine	ug/l	NA	0.66 U	---
p-Dimethylaminoazobenzene	ug/l	NA	3.3 U	---
Parathion-ethyl	ug/l	40 NL	0.048 U	---
Parathion-methyl	ug/l	2 NL	0.2 U	---
Pentachlorobenzene	ug/l	NA	1.7 U	---
Pentachloroethane	ug/l	NA	6 U	---
Pentachloronitrobenzene	ug/l	20 NL	1.7 U	---
Pentachlorophenol	ug/l	1	0.159 U	---
Phenacetin	ug/l	NA	6 U	---
Phenanthrene	ug/l	NA	0.25 U	---
Phenol	ug/l	4200 NL	0.3 U	---
a,a-Dimethylphenethylamine	ug/l	NA	2 U	---
Phorate	ug/l	NA	0.11 U	---
Pronamide	ug/l	NA	3.2 U	---
Pyrene	ug/l	NA	0.16 U	---
Pyridine	ug/l	NA	0.49 U	---
Safrole	ug/l	NA	0.76 U	---
Sulfotepp	ug/l	NA	0.067 U	---
Thionazin	ug/l	NA	1.4 U	---

See last page of Table XI for notes and abbreviations.

TABLE XI
SUMMARY OF ANALYSES FOR APPENDIX IX CONSTITUENTS, 2006
BOEING SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY CALIFORNIA

Volatile Organic Compounds							
Well Identifier			SH-04	SH-04	RS-08	HAR-14	HAR-15
Sample Date			05/10/06	05/10/06	05/09/06	05/08/06	05/05/06
SampleType			Primary	Dup	Primary	Primary	Primary
Laboratory			TA	TA	TA	DMA	TA
Compound	Units	MCL					
1,1,1,2-Tetrachloroethane	ug/l	NA	0.27 U	---	0.27 U	0.27 U	0.27 U
1,1,1-Trichloroethane	ug/l	200	3.7	---	0.3 U	0.54 J	0.3 U
1,1,2,2-Tetrachloroethane	ug/l	1	0.24 U	---	0.24 U	0.24 U	0.24 U
1,1,2-Trichloroethane	ug/l	5	0.3 U	---	0.3 U	0.3 U	0.3 U
1,1-Dichloroethane	ug/l	5	18	---	0.27 U	0.27 U	0.27 U
1,1-Dichloroethene	ug/l	6	5.9	---	0.42 U	6.3	0.42 U
1,2,3-Trichloropropane	ug/l	0.005 NL	0.0039 J	0.0038 J	0.0043 J	0.0017 U	0.0025 J
1,2-Dibromo-3-chloropropane	ug/l	0.2	0.0023 U	---	0.0023 U	0.0023 U	0.023 U
1,2-Dibromoethane	ug/l	0.05	0.004 U	---	0.004 U	0.004 U	0.04 U
1,2-Dichloroethane	ug/l	0.5	6	---	0.28 U	0.28 U	0.28 U
1,2-Dichloropropane	ug/l	5	0.35 U	---	0.35 U	0.35 U	0.35 U
1,4-Dioxane	ug/l	3 NL	27	---	0.72 J	110	0.53 J
2-Butanone	ug/l	NA	3.8 U	---	3.8 U	3.8 U	3.8 U
2-Hexanone	ug/l	NA	2.6 U	---	2.6 U	2.6 U	2.6 U
4-Methyl-2-pentanone (MIBK)	ug/l	120 NL	3.5 U	---	3.5 U	3.5 U	3.5 U
Acetone	ug/l	NA	4.5 U	---	4.5 U	4.5 U	4.5 U
Acetonitrile	ug/l	NA	8 U	---	8 U	8 U	8 U
Acrolein	ug/l	NA	4.6 U	---	4.6 U	4.6 U	4.6 U
Acrylonitrile	ug/l	NA	0.7 U	---	0.7 U	0.7 U	0.7 U
Allyl Chloride	ug/l	NA	0.4 U	---	0.4 U	0.4 U	0.4 U
Benzene	ug/l	1	0.28 U	---	0.28 U	0.28 U	0.28 U
Bromodichloromethane	ug/l	NA	0.3 U	---	0.3 U	0.3 U	0.3 U
Bromoform	ug/l	NA	0.32 U	---	0.32 U	0.32 U	0.32 U
Bromomethane	ug/l	NA	0.42 U	---	0.42 U	0.42 U	0.42 U
Carbon disulfide	ug/l	160 NL	0.48 U	---	0.48 U	0.48 U	0.48 U
Carbon tetrachloride	ug/l	0.5	87	---	0.28 U	1.4 J	0.28 U
Chlorobenzene	ug/l	70	0.36 U	---	0.36 U	0.36 U	0.36 U
Chloroethane	ug/l	NA	0.4 U	---	0.4 U	0.4 U	0.4 U
Chloroform	ug/l	NA	38	---	0.33 U	1.8 J	0.33 U
Chloromethane	ug/l	NA	0.3 U	---	0.3 U	0.3 U	0.3 U
Chloroprene	ug/l	NA	0.6 U	---	0.6 U	0.6 U	0.6 U
cis-1,2-Dichloroethene	ug/l	6	12	---	8.5	0.32 U	0.32 U
cis-1,3-Dichloropropene	ug/l	0.5(total)	0.22 U	---	0.22 U	0.22 U	0.22 U
Dibromochloromethane	ug/l	NA	0.28 U	---	0.28 U	0.28 U	0.28 U
Dibromomethane	ug/l	NA	0.36 U	---	0.36 U	0.36 U	0.36 U
Dichlorodifluoromethane	ug/l	1000 NL	0.79 U	---	0.79 U	0.79 U	0.79 U
Ethyl Methacrylate	ug/l	NA	0.9 U	---	0.9 U	0.9 U	0.9 U
Ethylbenzene	ug/l	300	0.25 U	---	0.25 U	0.25 U	0.25 U
Iodomethane	ug/l	NA	1 U	---	1 U	1 U	1 U
Isobutanol (2-Methyl-1-Propanol)	ug/l	NA	20 U	---	7 U	7 U	7 U
m,p-Xylenes	ug/l	1750(total)	0.6 U	---	0.6 U	0.6 U	0.6 U
Methyl Acrylonitrile	ug/l	NA	0.8 U	---	0.8 U	0.8 U	0.8 U
Methyl Methacrylate	ug/l	NA	0.7 U	---	0.7 U	0.7 U	0.7 U
Methylene chloride	ug/l	5	1.2 U	---	1.4 U	1.4 U	0.7 U
o-Xylene	ug/l	1750(total)	0.3 U	---	0.3 U	0.3 U	0.3 U

See last page of Table XI for notes and abbreviations.

TABLE XI
SUMMARY OF ANALYSES FOR APPENDIX IX CONSTITUENTS, 2006
BOEING SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY CALIFORNIA

Volatile Organic Compounds							
Well Identifier			SH-04	SH-04	RS-08	HAR-14	HAR-15
Sample Date			05/10/06	05/10/06	05/09/06	05/08/06	05/05/06
SampleType			Primary	Dup	Primary	Primary	Primary
Laboratory			TA	TA	TA	DMA	TA
Compound	Units	MCL					
Propionitrile	ug/l	NA	7 U	---	7 U	7 U	7 U
Styrene	ug/l	100	0.16 U	---	0.16 U	0.16 U	0.16 U
Tetrachloroethene	ug/l	5	8.6	---	0.32 U	0.32 U	0.32 U
Toluene	ug/l	150	0.36 U	---	0.36 U	0.36 U	0.36 U
trans-1,2-Dichloroethene	ug/l	10	0.38 J	---	0.79 J	0.27 U	0.27 U
trans-1,3-Dichloropropene	ug/l	0.5(total)	0.32 U	---	0.32 U	0.32 U	0.32 U
trans-1,4-Dichloro-2-butene	ug/l	NA	1.1 U	---	1.1 U	1.1 U	1.1 U
Trichloroethene	ug/l	5	81	---	0.26 U	3	0.26 U
Trichlorofluoromethane	ug/l	150	0.34 U	---	0.34 U	0.34 U	0.34 U
Vinyl acetate	ug/l	NA	1.7 U	---	1.7 U	1.7 U	1.7 U
Vinyl chloride	ug/l	0.5	0.93 J	---	1 J	0.26 U	0.26 U

See last page of Table XI for notes and abbreviations.

TABLE XI
SUMMARY OF ANALYSES FOR APPENDIX IX CONSTITUENTS, 2006
BOEING SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY CALIFORNIA

Volatile Organic Compounds							
Well Identifier			HAR-07	HAR-07	HAR-07	HAR-16	HAR-16
Sample Date			05/11/06	05/11/06	05/11/06	05/10/06	05/10/06
SampleType			Primary	Dup	Split	Primary	Dup
Laboratory			TA	TA	DMA	TA	TA
Compound	Units	MCL					
1,1,1,2-Tetrachloroethane	ug/l	NA	6.8 U	---	---	2.7 U	---
1,1,1-Trichloroethane	ug/l	200	7.5 U	---	---	3 U	---
1,1,2,2-Tetrachloroethane	ug/l	1	6 U	---	---	2.4 U	---
1,1,2-Trichloroethane	ug/l	5	7.5 U	---	---	3 U	---
1,1-Dichloroethane	ug/l	5	6.8 U	---	---	2.7 U	---
1,1-Dichloroethene	ug/l	6	10 U	---	---	5.2 J	---
1,2,3-Trichloropropane	ug/l	0.005 NL	0.0017 U	---	---	0.011	0.0061 UJ
1,2-Dibromo-3-chloropropane	ug/l	0.2	0.0023 U	---	---	0.0023 U	---
1,2-Dibromoethane	ug/l	0.05	0.004 U	---	---	0.004 U	---
1,2-Dichloroethane	ug/l	0.5	7 U	---	---	2.8 U	---
1,2-Dichloropropane	ug/l	5	8.8 U	---	---	3.5 U	---
1,4-Dioxane	ug/l	3 NL	0.71 J	0.65 U	1 U	19	---
2-Butanone	ug/l	NA	95 U	---	---	38 U	---
2-Hexanone	ug/l	NA	65 U	---	---	26 U	---
4-Methyl-2-pentanone (MIBK)	ug/l	120 NL	88 U	---	---	35 U	---
Acetone	ug/l	NA	110 U	---	---	45 U	---
Acetonitrile	ug/l	NA	1600 UJ	---	---	80 U	---
Acrolein	ug/l	NA	4.6 U	---	---	4.6 U	---
Acrylonitrile	ug/l	NA	0.7 U	---	---	0.7 U	---
Allyl Chloride	ug/l	NA	80 UJ	---	---	4 U	---
Benzene	ug/l	1	7 U	---	---	2.8 U	---
Bromodichloromethane	ug/l	NA	7.5 U	---	---	3 U	---
Bromoform	ug/l	NA	8 U	---	---	3.2 U	---
Bromomethane	ug/l	NA	10 U	---	---	4.2 U	---
Carbon disulfide	ug/l	160 NL	12 U	---	---	4.8 U	---
Carbon tetrachloride	ug/l	0.5	7 U	---	---	13 J	---
Chlorobenzene	ug/l	70	9 U	---	---	3.6 U	---
Chloroethane	ug/l	NA	10 U	---	---	4 U	---
Chloroform	ug/l	NA	8.2 U	---	---	13 J	---
Chloromethane	ug/l	NA	7.5 U	---	---	3 U	---
Chloroprene	ug/l	NA	120 UJ	---	---	6 U	---
cis-1,2-Dichloroethene	ug/l	6	1300	---	---	83	---
cis-1,3-Dichloropropene	ug/l	0.5(total)	5.5 U	---	---	2.2 U	---
Dibromochloromethane	ug/l	NA	7 U	---	---	2.8 U	---
Dibromomethane	ug/l	NA	9 U	---	---	3.6 U	---
Dichlorodifluoromethane	ug/l	1000 NL	20 U	---	---	7.9 U	---
Ethyl Methacrylate	ug/l	NA	180 UJ	---	---	9 U	---
Ethylbenzene	ug/l	300	6.2 U	---	---	2.5 U	---
Iodomethane	ug/l	NA	200 UJ	---	---	10 U	---
Isobutanol (2-Methyl-1-Propanol)	ug/l	NA	1400 UJ	---	---	70 U	---
m,p-Xylenes	ug/l	1750(total)	15 U	---	---	6 U	---
Methyl Acrylonitrile	ug/l	NA	160 UJ	---	---	8 U	---
Methyl Methacrylate	ug/l	NA	140 UJ	---	---	7 U	---
Methylene chloride	ug/l	5	18 U	---	---	71 J	---
o-Xylene	ug/l	1750(total)	7.5 U	---	---	3 U	---

See last page of Table XI for notes and abbreviations.

TABLE XI
SUMMARY OF ANALYSES FOR APPENDIX IX CONSTITUENTS, 2006
BOEING SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY CALIFORNIA

Volatile Organic Compounds							
Well Identifier			HAR-07	HAR-07	HAR-07	HAR-16	HAR-16
Sample Date			05/11/06	05/11/06	05/11/06	05/10/06	05/10/06
SampleType			Primary	Dup	Split	Primary	Dup
Laboratory			TA	TA	DMA	TA	TA
Compound	Units	MCL					
Propionitrile	ug/l	NA	1400 UJ	---	---	70 U	---
Styrene	ug/l	100	4 U	---	---	1.6 U	---
Tetrachloroethene	ug/l	5	8 U	---	---	7.3 J	---
Toluene	ug/l	150	9 U	---	---	3.6 U	---
trans-1,2-Dichloroethene	ug/l	10	55	---	---	4.1 J	---
trans-1,3-Dichloropropene	ug/l	0.5(total)	8 U	---	---	3.2 U	---
trans-1,4-Dichloro-2-butene	ug/l	NA	220 UJ	---	---	11 U	---
Trichloroethene	ug/l	5	4500	---	---	9100 J	---
Trichlorofluoromethane	ug/l	150	8.5 U	---	---	28 J	---
Vinyl acetate	ug/l	NA	42 U	---	---	17 U	---
Vinyl chloride	ug/l	0.5	15 J	---	---	2.6 U	---

See last page of Table XI for notes and abbreviations.

TABLE XI
SUMMARY OF ANALYSES FOR APPENDIX IX CONSTITUENTS, 2006
BOEING SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY CALIFORNIA

Volatile Organic Compounds				
Well Identifier			HAR-16	HAR-17
Sample Date			05/10/06	05/10/06
SampleType			Dup	Primary
Laboratory			DMA	TA
Compound	Units	MCL		
1,1,1,2-Tetrachloroethane	ug/l	NA	---	0.27 U
1,1,1-Trichloroethane	ug/l	200	---	0.3 U
1,1,2,2-Tetrachloroethane	ug/l	1	---	0.24 U
1,1,2-Trichloroethane	ug/l	5	---	0.3 U
1,1-Dichloroethane	ug/l	5	---	0.85 J
1,1-Dichloroethene	ug/l	6	---	0.61 J
1,2,3-Trichloropropane	ug/l	0.005 NL	0.0097	0.002 J
1,2-Dibromo-3-chloropropane	ug/l	0.2	---	0.0023 U
1,2-Dibromoethane	ug/l	0.05	---	0.004 U
1,2-Dichloroethane	ug/l	0.5	---	0.28 U
1,2-Dichloropropane	ug/l	5	---	0.35 U
1,4-Dioxane	ug/l	3 NL	---	3.8
2-Butanone	ug/l	NA	---	3.8 U
2-Hexanone	ug/l	NA	---	2.6 U
4-Methyl-2-pentanone (MIBK)	ug/l	120 NL	---	3.5 U
Acetone	ug/l	NA	---	4.5 U
Acetonitrile	ug/l	NA	---	8 U
Acrolein	ug/l	NA	---	4.6 U
Acrylonitrile	ug/l	NA	---	0.7 U
Allyl Chloride	ug/l	NA	---	0.4 U
Benzene	ug/l	1	---	0.28 U
Bromodichloromethane	ug/l	NA	---	0.3 U
Bromoform	ug/l	NA	---	0.32 U
Bromomethane	ug/l	NA	---	0.42 U
Carbon disulfide	ug/l	160 NL	---	0.48 U
Carbon tetrachloride	ug/l	0.5	---	0.28 U
Chlorobenzene	ug/l	70	---	0.36 U
Chloroethane	ug/l	NA	---	0.4 U
Chloroform	ug/l	NA	---	0.57 J
Chloromethane	ug/l	NA	---	0.3 U
Chloroprene	ug/l	NA	---	0.6 U
cis-1,2-Dichloroethene	ug/l	6	---	15
cis-1,3-Dichloropropene	ug/l	0.5(total)	---	0.22 U
Dibromochloromethane	ug/l	NA	---	0.28 U
Dibromomethane	ug/l	NA	---	0.36 U
Dichlorodifluoromethane	ug/l	1000 NL	---	0.79 U
Ethyl Methacrylate	ug/l	NA	---	0.9 U
Ethylbenzene	ug/l	300	---	0.25 U
Iodomethane	ug/l	NA	---	1 U
Isobutanol (2-Methyl-1-Propanol)	ug/l	NA	---	17 U
m,p-Xylenes	ug/l	1750(total)	---	0.6 U
Methyl Acrylonitrile	ug/l	NA	---	0.8 U
Methyl Methacrylate	ug/l	NA	---	0.7 U
Methylene chloride	ug/l	5	---	0.7 UJ
o-Xylene	ug/l	1750(total)	---	0.3 U

See last page of Table XI for notes and abbreviations.

TABLE XI
SUMMARY OF ANALYSES FOR APPENDIX IX CONSTITUENTS, 2006
BOEING SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY CALIFORNIA

Volatile Organic Compounds				
Well Identifier			HAR-16	HAR-17
Sample Date			05/10/06	05/10/06
SampleType			Dup	Primary
Laboratory			DMA	TA
Compound	Units	MCL		
Propionitrile	ug/l	NA	---	7 U
Styrene	ug/l	100	---	0.16 U
Tetrachloroethene	ug/l	5	---	0.32 U
Toluene	ug/l	150	---	0.36 U
trans-1,2-Dichloroethene	ug/l	10	---	0.37 J
trans-1,3-Dichloropropene	ug/l	0.5(total)	---	0.32 U
trans-1,4-Dichloro-2-butene	ug/l	NA	---	1.1 U
Trichloroethene	ug/l	5	---	87
Trichlorofluoromethane	ug/l	150	---	0.34 U
Vinyl acetate	ug/l	NA	---	1.7 U
Vinyl chloride	ug/l	0.5	---	0.26 U

See last page of Table XI for notes and abbreviations.

1. DMA = Del Mar Analytical of Irvine, California and Phoenix, Arizona.
2. Pacific = Pacific Analytical of Carlsbad, California.
3. TA = TestAmerica of Irvine, California, formerly Del Mar Analytical.

4. (---) = Analysis not performed.
5. (*) = Cyanide samples were not filtered. Trace metal samples were filtered and preserved in the field using a 0.45 micron filter.

6. Primary = Primary sample.
7. Dup = Duplicate sample.
8. Split = Split sample.

9. mg/l = Milligrams per liter.
10. ug/l = Micrograms per liter.
11. pg/l = Picograms per liter.

12. MCL = Maximum Contaminant Level, California primary drinking water standard.
13. SMCL = Secondary drinking water MCL.
14. ECAL = Enforceable California Action Level to be met at a customer tap.
15. NL = Advisory California Notification Level for unregulated chemical contaminants.

16. NA = Not applicable.
17 J = Estimated value. Analyte detected at a level less than the Reporting Limit (RL) and greater than or equal to the Method Detection Limit (MDL), or concentration estimated due to analytical quality control deficiencies (see Appendix D for details).

18. TEQ = Toxicity equivalent. TEQs were calculated using 2005 TEFs (toxic equivalency factors) per van den Berg et al., 2006.

19. U = Not detected; numerical value represents the Method Detection Limit for that compound.
20. UJ = Not detected. Estimated detection limit as a result of analytical quality control deficiencies (see Appendix D for details).

21. W = The following dioxins and furans were detected:

Well Identifier	Sample Type	Sample Date	Compound	Concentration (pg/l)
SH-04	Primary	05/10/06	OCDD	43.1 J
RS-08	Primary	05/09/06	OCDD	11.8 J
HAR-15	Primary	05/05/06	1,2,3,4,6,7,8-HpCDD	19.0 J
HAR-15	Primary	05/05/06	1,2,3,4,6,7,8-HpCDF	5.07 J
HAR-15	Primary	05/05/06	OCDD	231
HAR-15	Primary	05/05/06	OCDF	11.5 J
HAR-15	Primary	05/05/06	2,3,7,8-TCDF	7.24 J

22. Low-level 1,4-dioxane analyses were performed on primary samples using TestAmerica (formerly Del Mar Analytical) of Phoenix, Arizona and on split samples by TestAmerica (Del Mar Analytical) of Irvine, California, using modified EPA method 8260SIM.

23. Low-level N-nitrosodimethylamine analyses were performed by Pacific Analytical for primary and duplicate samples using modified EPA method 1625.

24. Low-level 1,2,3-trichloropropane analyses were performed by TestAmerica (Del Mar Analytical) for primary samples using method SRL 524M-TCP.

25. MCLs, SMCLs, ECALs, and NLs are listed by the California Department of Health Services (2006) at http://www.dhs.ca.gov/ps/ddwem/chemicals/chemindex.htm

TABLE XII

SUMMARY OF ANALYSES FOR CONSTITUENTS OF CONCERN AND PERCHLORATE, 2006
BOEING SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well Identifier			PZ-071	SH-03	SH-03	SH-03	SH-03	SH-03	RD-01	RD-01	RD-01
Sample Date			05/26/06	02/15/06	02/15/06	02/15/06	02/15/06	02/15/06	05/08/06	05/08/06	08/16/06
Sample Type			Primary	Primary	Dup	Split	Split	Split	Primary	Dup	Primary
Laboratory	Units	MCL	Pacific	DMA	DMA	DMA	Weck	Weck	DMA	Pacific	TA
Organic Constituents and Perchlorate											
1,1,1-Trichloroethane	ug/l	200	---	6.7 J	---	---	---	---	3 U	---	3 U
1,1,2-Trichloroethane	ug/l	5	---	1.5 U	---	---	---	---	3 U	---	3 U
1,1-Dichloroethane	ug/l	5	---	35 J	---	---	---	---	2.7 U	---	2.7 U
1,1-Dichloroethene	ug/l	6	---	9 J	---	---	---	---	4.2 U	---	4.2 U
1,2-Dichloroethane	ug/l	0.5	---	42 J	---	---	---	---	2.8 U	---	2.8 U
1,3-Dinitrobenzene	ug/l	---	---	---	---	---	---	---	2.8 U	---	2.8 U
1,4-Dioxane	ug/l	3 NL	---	21	21	19	---	---	2.6	---	1.8 J
2-Butanone	ug/l	---	---	19 U	---	---	---	---	38 U	---	38 U
Acetone	ug/l	---	---	22 U	---	---	---	---	45 U	---	45 U
Benzene	ug/l	1	---	1.4 U	---	---	---	---	2.8 U	---	2.8 U
Carbon tetrachloride	ug/l	0.5	---	100 J	---	---	---	---	2.8 U	---	2.8 U
Chloroform	ug/l	---	---	280 J	---	---	---	---	3.3 U	---	3.3 U
cis-1,2-Dichloroethene	ug/l	6	---	19 J	---	---	---	---	720	---	740
Ethylbenzene	ug/l	300	---	1.2 U	---	---	---	---	2.5 U	---	2.5 U
m,p-Xylenes	ug/l	1750 total	---	2.6 U	---	---	---	---	6 U	---	6 U
Methylene chloride	ug/l	5	---	2.6 U	---	---	---	---	7 U	---	22 U
n-Nitrosodimethylamine (NDMA)	ug/l	0.01 NL	0.01 U	0.3129	0.3341	---	0.81 J	0.81 J	0.0328	0.0329	0.0243
Nitrobenzene	ug/l	---	---	---	---	---	---	---	4 U	---	4 U
o-Xylene	ug/l	1750 total	---	1.2 U	---	---	---	---	3 U	---	3 U
Perchlorate	ug/l	6 NL	---	---	---	---	---	---	0.8 U	---	0.8 U
Tetrachloroethene	ug/l	5	---	11 J	---	---	---	---	3.2 U	---	3.2 U
Toluene	ug/l	150	---	1.8 U	---	---	---	---	3.6 U	---	3.6 U
trans-1,2-Dichloroethene	ug/l	10	---	1.4 U	---	---	---	---	120	---	26
Trichloroethene	ug/l	5	---	130 J	---	---	---	---	830	---	860
Trichlorofluoromethane	ug/l	150	---	1.7 U	---	---	---	---	3.4 U	---	3.4 U
Trichlorotrifluoroethane (Freon 113)	ug/l	1200	---	17 J	---	---	---	---	12 U	---	12 U
Vinyl chloride	ug/l	0.5	---	1.3 U	---	---	---	---	5.2	---	8.3
Naturally Occurring Constituents											
Ammonia-N	mg/l	---	---	---	---	---	---	---	0.07 U	---	0.07 U
Fluoride	mg/l	2	---	---	---	---	---	---	0.38 J	---	0.39 J
Formaldehyde	ug/l	100 NL	---	---	---	---	---	---	32 J	---	23 UJ
Nitrate-NO3	mg/l	45	---	---	---	---	---	---	1	---	0.78

See last page of Table XII for notes and abbreviations.

TABLE XII

SUMMARY OF ANALYSES FOR CONSTITUENTS OF CONCERN AND PERCHLORATE, 2006
BOEING SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well Identifier			RD-01	RD-01	RD-01	RD-01	RD-02	RD-02	RD-02	RD-02	RD-02
Sample Date			08/16/06	11/06/06	11/06/06	11/06/06	05/08/06	08/15/06	11/09/06	11/09/06	11/09/06
Sample Type			Dup	Primary	Dup	Split	Primary	Primary	Primary	Dup	Split
Laboratory	Units	MCL	Pacific	TA	TA	STL-SA	DMA	TA	TA	TA	STLLA
Organic Constituents and Perchlorate											
1,1,1-Trichloroethane	ug/l	200	---	0.3 U	1.5 U	20 U	1.5 U	3 U	3 U	3 U	0.41 U
1,1,2-Trichloroethane	ug/l	5	---	0.3 U	1.5 U	16 U	1.5 U	3 U	3 U	3 U	0.31 U
1,1-Dichloroethane	ug/l	5	---	0.27 U	1.4 U	5 U	1.4 U	2.7 U	2.7 U	2.7 U	0.1 U
1,1-Dichloroethene	ug/l	6	---	2.5	2.1 U	18 U	2.1 U	4.2 U	4.2 U	4.2 U	1.9
1,2-Dichloroethane	ug/l	0.5	---	0.28 U	1.4 U	11 U	1.4 U	2.8 U	2.8 U	2.8 U	0.22 U
1,3-Dinitrobenzene	ug/l	---	---	2.8 U	---	---	2.9 U	2.9 U	2.8 U	---	---
1,4-Dioxane	ug/l	3 NL	---	1.6 J	---	---	2.2	1.8 J	1.5 J	---	---
2-Butanone	ug/l	---	---	3.8 U	19 U	50 U	19 U	38 U	38 U	38 U	1 U
Acetone	ug/l	---	---	4.5 U	22 U	50 U	22 U	45 U	45 U	45 U	1 U
Benzene	ug/l	1	---	0.28 U	1.4 U	6.5 U	1.4 U	2.8 U	2.8 U	2.8 U	0.13 U
Carbon tetrachloride	ug/l	0.5	---	0.28 U	1.4 U	7.5 U	1.4 U	2.8 U	2.8 U	2.8 U	0.15 U
Chloroform	ug/l	---	---	0.33 U	1.6 U	6 U	1.6 U	3.3 U	3.3 U	3.3 U	0.12 U
cis-1,2-Dichloroethene	ug/l	6	---	810	840	990	420	440	410	470	490 J
Ethylbenzene	ug/l	300	---	0.25 U	1.2 U	14 U	1.2 U	2.5 U	2.5 U	2.5 U	0.27 U
m,p-Xylenes	ug/l	1750 total	---	0.6 U	3 U	9 U	3 U	6 U	6 U	6 U	0.18 U
Methylene chloride	ug/l	5	---	1 U	6.8 U	18 U	3.5 U	7 U	9.5 U	9.5 U	0.35 U
n-Nitrosodimethylamine (NDMA)	ug/l	0.01 NL	0.0232	0.0257	---	---	0.01 U	0.01 U	0.01 U	---	---
Nitrobenzene	ug/l	---	---	2.4 U	---	---	4 U	4 U	2.4 U	---	---
o-Xylene	ug/l	1750 total	---	0.3 U	1.5 U	5 U	1.5 U	3 U	3 U	3 U	0.1 U
Perchlorate	ug/l	6 NL	---	0.8 U	---	---	0.8 U	0.8 U	0.8 U	---	---
Tetrachloroethene	ug/l	5	---	0.32 U	1.6 U	19 U	1.6 U	3.2 U	3.2 U	3.2 U	0.38 U
Toluene	ug/l	150	---	0.36 U	1.8 U	12 U	1.8 U	3.6 U	3.6 U	3.6 U	0.25 U
trans-1,2-Dichloroethene	ug/l	10	---	29	29	39 J	25	22	20	22	22
Trichloroethene	ug/l	5	---	910	870	1000	360	340	240	270	270 J
Trichlorofluoromethane	ug/l	150	---	0.34 U	1.7 U	12 U	1.7 U	3.4 U	3.4 U	3.4 U	0.23 U
Trichlorotrifluoroethane (Freon 113)	ug/l	1200	---	1.5 U	7.5 U	50 U	6 U	12 U	15 U	15 U	1 U
Vinyl chloride	ug/l	0.5	---	16	17	22 J	5	3.5 J	3 U	3 U	3.1
Naturally Occurring Constituents											
Ammonia-N	mg/l	---	---	0.07 U	---	---	0.07 U	0.074 J	0.07 U	---	---
Fluoride	mg/l	2	---	0.52	---	---	0.33 J	0.36 J	0.4 J	---	---
Formaldehyde	ug/l	100 NL	---	23 UJ	---	---	31 J	23 U	23 UJ	---	---
Nitrate-NO3	mg/l	45	---	0.47 J	---	---	0.35 U	0.35 U	0.35 U	---	---

See last page of Table XII for notes and abbreviations.

TABLE XII

SUMMARY OF ANALYSES FOR CONSTITUENTS OF CONCERN AND PERCHLORATE, 2006
BOEING SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well Identifier			RD-04	RD-04	RD-04	RD-04	RD-04	RD-09	RD-09	RD-09	RD-09
Sample Date			06/01/06	08/15/06	08/15/06	08/15/06	11/08/06	05/16/06	05/16/06	05/16/06	08/10/06
Sample Type			Primary	Primary	Dup	Split	Primary	Primary	Dup	Split	Primary
Laboratory	Units	MCL	DMA	TA	TA	STL-SA	TA	DMA	DMA	DMA	TA
Organic Constituents and Perchlorate											
1,1,1-Trichloroethane	ug/l	200	3 U	3 U	0.3 U	41 U	6 U	0.3 U	---	---	0.3 U
1,1,2-Trichloroethane	ug/l	5	3 U	3 U	0.3 U	31 U	6 U	0.3 U	---	---	0.3 U
1,1-Dichloroethane	ug/l	5	2.7 U	2.7 U	0.27 U	10 U	5.4 U	0.27 U	---	---	0.27 U
1,1-Dichloroethene	ug/l	6	4.2 U	4.2 U	1.4	36 U	8.4 U	0.42 U	---	---	0.42 U
1,2-Dichloroethane	ug/l	0.5	2.8 U	2.8 U	0.28 U	22 U	5.6 U	0.28 U	---	---	0.28 U
1,3-Dinitrobenzene	ug/l	---	2.9 U	2.8 U	---	---	2.9 U	2.9 U	---	---	2.8 U
1,4-Dioxane	ug/l	3 NL	0.65 U	1.2 J	---	---	1 U	1.6 J	1.9 J	1.4 J	1.4 J
2-Butanone	ug/l	---	38 U	38 U	3.8 U	100 U	76 U	3.8 U	---	---	3.8 U
Acetone	ug/l	---	45 U	45 U	4.5 U	100 U	90 U	4.5 U	---	---	4.5 U
Benzene	ug/l	1	2.8 U	2.8 U	0.28 U	13 U	5.6 U	0.28 U	---	---	2.8 U
Carbon tetrachloride	ug/l	0.5	2.8 U	2.8 U	0.28 U	15 U	5.6 U	0.28 U	---	---	0.28 U
Chloroform	ug/l	---	3.3 U	3.3 U	0.33 U	12 U	6.6 U	0.33 U	---	---	0.33 U
cis-1,2-Dichloroethene	ug/l	6	66	120	120	180	120	47	---	---	57
Ethylbenzene	ug/l	300	2.5 U	2.5 U	0.25 U	27 U	5 U	0.25 U	---	---	0.25 U
m,p-Xylenes	ug/l	1750 total	6 U	6 U	0.6 U	18 U	12 U	0.6 U	---	---	0.6 U
Methylene chloride	ug/l	5	7 U	7 U	0.7 U	35 U	19 U	3.5 U	---	---	0.7 U
n-Nitrosodimethylamine (NDMA)	ug/l	0.01 NL	0.01 U	0.01 U	---	---	0.01 U	0.01 U	---	---	0.01 U
Nitrobenzene	ug/l	---	4 U	4 U	---	---	2.4 U	4.1 U	---	---	4 U
o-Xylene	ug/l	1750 total	3 U	3 U	0.3 U	10 U	6 U	0.3 U	---	---	0.3 U
Perchlorate	ug/l	6 NL	0.8 U	0.8 U	---	---	0.8 U	0.8 U	---	---	0.8 U
Tetrachloroethene	ug/l	5	3.2 U	3.2 U	0.32 U	38 U	6.4 U	0.32 U	---	---	0.32 U
Toluene	ug/l	150	3.6 U	3.6 U	0.36 U	25 U	7.2 U	0.36 U	---	---	0.36 U
trans-1,2-Dichloroethene	ug/l	10	2.7 U	2.8 J	2.3	11 U	5.4 U	15	---	---	17
Trichloroethene	ug/l	5	980	3000	2900	3700	2400	390	---	---	490
Trichlorofluoromethane	ug/l	150	3.4 U	3.4 U	0.34 U	23 U	6.8 U	0.34 U	---	---	0.34 U
Trichlorotrifluoroethane (Freon 113)	ug/l	1200	12 U	12 U	1.2 U	100 U	30 U	1.2 U	---	---	1.2 U
Vinyl chloride	ug/l	0.5	2.6 U	2.6 U	0.26 U	12 U	6 U	0.51	---	---	0.26 U
Naturally Occurring Constituents											
Ammonia-N	mg/l	---	0.07 U	0.07 U	---	---	0.07 U	0.07 U	---	---	0.07 U
Fluoride	mg/l	2	0.23 J	0.34 J	---	---	0.32 J	0.26 J	---	---	0.26 J
Formaldehyde	ug/l	100 NL	23 U	23 U	---	---	23 UJ	23 U	---	---	23 UJ
Nitrate-NO3	mg/l	45	0.35 U	0.35 U	---	---	0.35 U	0.35 U	---	---	0.35 U

See last page of Table XII for notes and abbreviations.

TABLE XII

SUMMARY OF ANALYSES FOR CONSTITUENTS OF CONCERN AND PERCHLORATE, 2006
BOEING SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well Identifier			RD-09	RD-09	RD-09	RD-10	RD-10	RD-10	RD-10	RD-10	RD-41A
Sample Date			11/08/06	11/08/06	11/08/06	02/14/06	05/09/06	08/16/06	08/16/06	11/07/06	02/09/06
Sample Type			Primary	Dup	Split	Primary	Primary	Primary	Dup	Primary	Primary
Laboratory	Units	MCL	TA	TA	STL-SA	DMA	DMA	TA	TA	TA	DMA
Organic Constituents and Perchlorate											
1,1,1-Trichloroethane	ug/l	200	0.3 U	---	---	0.3 U	0.3 U	0.3 U	---	0.3 U	0.3 U
1,1,2-Trichloroethane	ug/l	5	0.3 U	---	---	0.3 U	0.3 U	0.3 U	---	0.3 U	0.3 U
1,1-Dichloroethane	ug/l	5	0.27 U	---	---	0.27 U	0.27 U	0.27 U	---	0.27 U	0.27 U
1,1-Dichloroethene	ug/l	6	0.43 J	---	---	0.42 U	0.42 U	0.42 U	---	0.42 U	0.42 U
1,2-Dichloroethane	ug/l	0.5	0.28 U	---	---	0.28 U	0.28 U	0.28 U	---	0.28 U	0.28 U
1,3-Dinitrobenzene	ug/l	---	2.8 U	---	---	2.8 U	3 U	2.9 U	2.9 U	3 U	2.9 U
1,4-Dioxane	ug/l	3 NL	1.3 J	---	---	0.72 J	1.2 J	1 U	---	1 U	0.49 U
2-Butanone	ug/l	---	3.8 U	---	---	3.8 U	3.8 U	3.8 U	---	3.8 U	3.8 U
Acetone	ug/l	---	4.5 U	---	---	4.5 U	4.5 U	4.5 U	---	4.5 U	4.5 U
Benzene	ug/l	1	0.28 U	---	---	0.28 U	0.28 U	0.28 U	---	0.28 U	0.28 U
Carbon tetrachloride	ug/l	0.5	0.28 U	---	---	0.28 U	0.28 U	0.28 U	---	0.28 U	0.28 U
Chloroform	ug/l	---	0.33 U	---	---	0.33 U	0.33 U	0.53 U	---	0.33 U	0.33 U
cis-1,2-Dichloroethene	ug/l	6	55	---	---	9.6 J	8.6	9.4	---	8.4	4.3
Ethylbenzene	ug/l	300	0.25 U	---	---	0.25 U	0.25 U	0.25 U	---	0.25 U	0.25 U
m,p-Xylenes	ug/l	1750 total	0.6 U	---	---	0.52 U	0.6 U	0.6 U	---	0.6 U	0.52 U
Methylene chloride	ug/l	5	0.95 U	---	---	0.56 U	0.7 U	0.71 U	---	0.95 U	0.51 U
n-Nitrosodimethylamine (NDMA)	ug/l	0.01 NL	0.01 U	---	---	0.01 U	0.01 U	0.01 U	---	0.01 U	0.01 U
Nitrobenzene	ug/l	---	2.4 U	---	---	4 U	4.2 U	4.1 U	4 U	2.5 U	4 U
o-Xylene	ug/l	1750 total	0.3 U	---	---	0.24 U	0.3 U	0.3 U	---	0.3 U	0.24 U
Perchlorate	ug/l	6 NL	0.8 U	0.8 U	0.68 U	0.8 U,S	97	100	---	110	0.8 U
Tetrachloroethene	ug/l	5	0.32 U	---	---	0.32 U	0.32 U	0.32 U	---	0.32 U	0.32 U
Toluene	ug/l	150	0.36 U	---	---	0.36 U	0.36 U	0.36 U	---	0.36 U	0.36 U
trans-1,2-Dichloroethene	ug/l	10	17	---	---	0.7 J	0.72 J	0.54 J	---	0.45 J	0.52 J
Trichloroethene	ug/l	5	400	---	---	15	13	15	---	14	8.1
Trichlorofluoromethane	ug/l	150	0.34 U	---	---	0.34 U	0.34 U	0.34 U	---	0.34 U	0.34 U
Trichlorotrifluoroethane (Freon 113)	ug/l	1200	1.5 U	---	---	1.2 U	1.2 U	1.2 U	---	1.5 U	1.2 U
Vinyl chloride	ug/l	0.5	0.3 U	---	---	0.26 U	0.26 U	0.26 U	---	0.3 U	0.26 U
Naturally Occurring Constituents											
Ammonia-N	mg/l	---	0.11 U	---	---	0.23 U	0.07 U	0.07 U	---	0.11 U	0.15 U
Fluoride	mg/l	2	0.26 J	---	---	0.44 J	0.45 J	0.37 J	---	0.48 J	0.39 J
Formaldehyde	ug/l	100 NL	23 UJ	---	---	20 U	55 J	23 UJ	---	23 UJ	20 U
Nitrate-NO3	mg/l	45	0.35 U	---	---	0.85	1.1	0.92	---	0.78	0.35 U

See last page of Table XII for notes and abbreviations.

TABLE XII

SUMMARY OF ANALYSES FOR CONSTITUENTS OF CONCERN AND PERCHLORATE, 2006
BOEING SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well Identifier			RD-41A	RD-41A	RD-41A	RD-41A	RD-41A	RD-41B	RD-41B	RD-41B	RD-41B
Sample Date			02/09/06	05/11/06	05/11/06	08/16/06	11/09/06	02/09/06	05/11/06	08/16/06	08/16/06
Sample Type			Dup	Primary	Dup	Primary	Primary	Primary	Primary	Primary	Dup
Laboratory	Units	MCL	Pacific	DMA	DMA	TA	TA	DMA	DMA	TA	TA
Organic Constituents and Perchlorate											
1,1,1-Trichloroethane	ug/l	200	---	0.3 U	0.3 U	0.3 U	0.3 U	3 U	0.3 U	3 U	0.3 U
1,1,2-Trichloroethane	ug/l	5	---	0.3 U	0.3 U	0.3 U	0.3 U	3 U	0.3 U	3 U	0.3 U
1,1-Dichloroethane	ug/l	5	---	0.27 U	0.27 U	0.27 U	0.27 U	2.7 U	0.27 U	2.7 U	0.27 U
1,1-Dichloroethene	ug/l	6	---	0.42 U	0.42 U	0.42 U	0.42 U	4.2 U	2.6	4.2 U	2.6
1,2-Dichloroethane	ug/l	0.5	---	0.28 U	0.28 U	0.28 U	0.28 U	2.8 U	0.28 U	2.8 U	0.28 U
1,3-Dinitrobenzene	ug/l	---	---	3 U	---	3 U	2.8 U	2.9 U	2.9 U	2.9 U	---
1,4-Dioxane	ug/l	3 NL	---	0.68 J	---	1 U	1 U	1.3	1.3 J	1 J	---
2-Butanone	ug/l	---	---	3.8 U	3.8 U	3.8 U	3.8 U	38 U	3.8 U	38 U	3.8 U
Acetone	ug/l	---	---	4.5 U	4.5 U	4.5 U	4.5 U	45 U	4.5 U	45 U	4.5 U
Benzene	ug/l	1	---	0.28 U	0.28 U	0.28 U	0.28 U	2.8 U	0.28 U	2.8 U	0.28 U
Carbon tetrachloride	ug/l	0.5	---	0.28 U	0.28 U	0.28 U	0.28 U	2.8 U	0.28 U	2.8 U	0.28 U
Chloroform	ug/l	---	---	0.33 U	0.33 U	0.34 U	0.33 U	3.3 U	0.33 U	4.1 U	0.33 U
cis-1,2-Dichloroethene	ug/l	6	---	2.6	3	4.1	5.3	690	650	530	580
Ethylbenzene	ug/l	300	---	0.25 U	0.25 U	0.25 U	0.25 U	2.5 U	0.25 U	2.5 U	0.25 U
m,p-Xylenes	ug/l	1750 total	---	0.6 U	0.6 U	0.6 U	0.6 U	5.2 U	0.6 U	6 U	0.6 U
Methylene chloride	ug/l	5	---	1.1 U	1.2 U	0.8 U	0.95 U	5.1 U	1.1 U	7 U	0.7 U
n-Nitrosodimethylamine (NDMA)	ug/l	0.01 NL	0.01 U	0.01 U	---	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	---
Nitrobenzene	ug/l	---	---	4.2 U	---	4.2 U	2.4 U	4 U	4 U	4 U	---
o-Xylene	ug/l	1750 total	---	0.3 U	0.3 U	0.3 U	0.3 U	2.4 U	0.3 U	3 U	0.3 U
Perchlorate	ug/l	6 NL	---	0.8 U	---	0.8 U	0.8 U	0.8 U	0.8 U	0.8 U	---
Tetrachloroethene	ug/l	5	---	0.32 U	0.32 U	0.32 U	0.32 U	3.2 U	0.32 U	3.2 U	0.32 U
Toluene	ug/l	150	---	0.36 U	0.36 U	0.36 U	0.36 U	3.6 U	0.36 U	3.6 U	0.36 U
trans-1,2-Dichloroethene	ug/l	10	---	0.54 J	0.68 J	0.45 J	1.3	40	36 J	26	32
Trichloroethene	ug/l	5	---	4.1	4.7	5.7	5.1	1300	1200	1000	1300
Trichlorofluoromethane	ug/l	150	---	0.34 U	0.34 U	0.34 U	0.34 U	3.4 U	0.34 U	3.4 U	0.34 U
Trichlorotrifluoroethane (Freon 113)	ug/l	1200	---	1.2 U	1.2 U	1.2 U	1.5 U	12 U	1.2 U	12 U	1.2 U
Vinyl chloride	ug/l	0.5	---	0.26 UJ	0.26 UJ	0.26 U	0.81	26	29 J	2.6 U	23
Naturally Occurring Constituents											
Ammonia-N	mg/l	---	---	0.07 U	---	0.07 U	0.07 U	0.11 U	0.07 U	0.07 U	---
Fluoride	mg/l	2	---	0.63	---	0.45 J	0.44 J	0.23 J	0.26 J	0.26 J	---
Formaldehyde	ug/l	100 NL	---	33 U	---	23 UJ	23 UJ	22 J	54 U	23 UJ	---
Nitrate-NO3	mg/l	45	---	0.72	---	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	---

See last page of Table XII for notes and abbreviations.

TABLE XII

SUMMARY OF ANALYSES FOR CONSTITUENTS OF CONCERN AND PERCHLORATE, 2006
BOEING SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well Identifier			RD-41B	RD-44	RD-44	RD-44	RD-44	RD-49A	RD-49A	RD-49B	RD-49B
Sample Date			11/09/06	02/13/06	08/23/06	11/07/06	11/07/06	08/10/06	11/07/06	02/09/06	02/09/06
Sample Type			Primary	Primary	Primary	Primary	Dup	Primary	Primary	Primary	Dup
Laboratory	Units	MCL	TA	DMA	TA	TA	TA	TA	TA	DMA	Pacific
Organic Constituents and Perchlorate											
1,1,1-Trichloroethane	ug/l	200	3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	3 U	0.3 U	---
1,1,2-Trichloroethane	ug/l	5	3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	3 U	0.3 U	---
1,1-Dichloroethane	ug/l	5	2.7 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	2.7 U	0.27 U	---
1,1-Dichloroethene	ug/l	6	4.2 U	0.42 U	0.42 U	0.42 U	0.42 U	3.3	5.5 J	0.71 J	---
1,2-Dichloroethane	ug/l	0.5	2.8 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	2.8 U	0.28 U	---
1,3-Dinitrobenzene	ug/l	---	2.8 U	2.9 U	2.9 U	2.8 U	---	3 U	2.8 U	2.9 U	---
1,4-Dioxane	ug/l	3 NL	1 U	0.49 U	1 U	1 U	---	1 U	1 U	2.2	---
2-Butanone	ug/l	---	38 U	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U	38 U	3.8 U	---
Acetone	ug/l	---	45 U	4.5 U	4.5 U	4.5 U	4.5 U	4.5 U	45 U	4.5 U	---
Benzene	ug/l	1	2.8 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	2.8 U	0.28 U	---
Carbon tetrachloride	ug/l	0.5	2.8 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	2.8 U	0.28 U	---
Chloroform	ug/l	---	3.3 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	3.3 U	0.33 U	---
cis-1,2-Dichloroethene	ug/l	6	700	0.32 U	0.32 U	0.32 U	0.32 U	2600	1900	290	---
Ethylbenzene	ug/l	300	2.5 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	2.5 U	0.25 U	---
m,p-Xylenes	ug/l	1750 total	6 U	0.52 U	0.6 U	0.6 U	0.6 U	0.6 U	6 U	0.52 U	---
Methylene chloride	ug/l	5	9.5 U	0.51 U	0.7 U	0.95 U	0.95 U	0.7 U	9.5 U	0.51 U	---
n-Nitrosodimethylamine (NDMA)	ug/l	0.01 NL	0.01 U	0.01 U	0.01 U	0.01 U	---	0.01 U	0.01 U	0.0502	0.0491
Nitrobenzene	ug/l	---	2.4 U	4 U	4 U	2.4 U	---	4.2 U	2.4 U	4 U	---
o-Xylene	ug/l	1750 total	3 U	0.24 U	0.3 U	0.3 U	0.3 U	0.3 U	3 U	0.24 U	---
Perchlorate	ug/l	6 NL	0.8 U	0.8 U	0.8 U	0.8 U	---	0.8 U	0.8 U	0.8 U	---
Tetrachloroethene	ug/l	5	3.2 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	3.2 U	0.32 U	---
Toluene	ug/l	150	3.6 U	0.36 U	0.36 U	0.36 U	0.36 U	14	4.2 J	0.36 U	---
trans-1,2-Dichloroethene	ug/l	10	39	0.27 U	0.27 U	0.27 U	0.27 U	41	44	15	---
Trichloroethene	ug/l	5	1300	0.26 U	0.26 U	0.26 U	0.26 U	1100	3100	310	---
Trichlorofluoromethane	ug/l	150	3.4 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	3.4 U	0.34 U	---
Trichlorotrifluoroethane (Freon 113)	ug/l	1200	15 U	1.2 U	1.2 U	1.5 U	1.5 U	1.2 U	15 U	1.2 U	---
Vinyl chloride	ug/l	0.5	26	0.26 U	0.26 U	0.3 U	0.3 U	2.6	3 U	5.7	---
Naturally Occurring Constituents											
Ammonia-N	mg/l	---	0.07 U	0.28 U	0.079 J	0.07 U	---	0.07 U	0.07 U	0.12 J	---
Fluoride	mg/l	2	0.31 J	0.53	0.52	0.52	---	0.53	0.58	0.29 J	---
Formaldehyde	ug/l	100 NL	23 UJ	62	23 UJ	23 UJ	---	23 UJ	23 UJ	20 U	---
Nitrate-NO3	mg/l	45	0.35 U	0.4 J	0.35 U	0.35 U	---	0.35 U	0.35 U	0.35 U	---

See last page of Table XII for notes and abbreviations.

TABLE XII

SUMMARY OF ANALYSES FOR CONSTITUENTS OF CONCERN AND PERCHLORATE, 2006
BOEING SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well Identifier			RD-49B	RD-49B	RD-49B	RD-49B	RD-49B	RD-49C	RD-49C	RD-49C	RD-49C
Sample Date			05/11/06	05/11/06	08/09/06	08/09/06	11/07/06	02/09/06	05/15/06	08/10/06	11/06/06
Sample Type			Primary	Dup	Primary	Dup	Primary	Primary	Primary	Primary	Primary
Laboratory	Units	MCL	DMA	Pacific	TA	Pacific	TA	DMA	DMA	TA	TA
Organic Constituents and Perchlorate											
1,1,1-Trichloroethane	ug/l	200	1.5 U	---	1.5 U	---	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U
1,1,2-Trichloroethane	ug/l	5	1.5 U	---	1.5 U	---	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U
1,1-Dichloroethane	ug/l	5	1.4 U	---	1.4 U	---	0.27 U	0.27 U	0.68 J	0.27 U	0.27 U
1,1-Dichloroethene	ug/l	6	2.1 U	---	2.1 U	---	0.9 J	0.42 U	0.42 U	0.42 U	0.42 U
1,2-Dichloroethane	ug/l	0.5	1.4 U	---	1.4 U	---	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U
1,3-Dinitrobenzene	ug/l	---	2.9 U	---	3 U	---	2.8 U	3 U	2.9 U	2.8 U	2.8 U
1,4-Dioxane	ug/l	3 NL	2.8	---	1.9 J	---	1.8 J	1	1.3 J	1 U	1 U
2-Butanone	ug/l	---	19 U	---	19 U	---	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U
Acetone	ug/l	---	22 U	---	22 U	---	4.5 U	4.5 U	4.5 U	4.5 U	4.5 U
Benzene	ug/l	1	1.4 U	---	1.4 U	---	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U
Carbon tetrachloride	ug/l	0.5	1.4 U	---	1.4 U	---	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U
Chloroform	ug/l	---	1.6 U	---	1.6 U	---	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U
cis-1,2-Dichloroethene	ug/l	6	240	---	290	---	290	90	76	92	74
Ethylbenzene	ug/l	300	1.2 U	---	1.2 U	---	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
m,p-Xylenes	ug/l	1750 total	3 U	---	3 U	---	0.6 U	0.52 U	0.6 U	0.6 U	0.6 U
Methylene chloride	ug/l	5	6.6 U	---	3.5 U	---	0.95 U	0.51 U	2.3 U	0.7 U	0.95 U
n-Nitrosodimethylamine (NDMA)	ug/l	0.01 NL	0.0546	0.0519	0.0554	0.0569	0.0598	0.01 U	0.01 U	0.01 U	0.01
Nitrobenzene	ug/l	---	4 U	---	4.2 U	---	2.4 U	4.2 U	4.1 U	4 U	2.4 U
o-Xylene	ug/l	1750 total	1.5 U	---	1.5 U	---	0.3 U	0.24 U	0.3 U	0.3 U	0.3 U
Perchlorate	ug/l	6 NL	0.8 U	---	0.8 U	---	0.8 U	0.8 U	0.8 U	0.8 U	0.8 U
Tetrachloroethene	ug/l	5	1.6 U	---	1.6 U	---	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U
Toluene	ug/l	150	1.8 U	---	1.8 U	---	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U
trans-1,2-Dichloroethene	ug/l	10	13 J	---	16	---	20	3.9	2.4	3	0.27 U
Trichloroethene	ug/l	5	270	---	320	---	290	17	15	16	15
Trichlorofluoromethane	ug/l	150	1.7 U	---	1.7 U	---	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U
Trichlorotrifluoroethane (Freon 113)	ug/l	1200	6 U	---	6 U	---	1.5 U	1.2 U	1.2 U	1.2 U	1.5 U
Vinyl chloride	ug/l	0.5	5.9 J	---	5	---	6.2	2.1	2.1	1.7	2
Naturally Occurring Constituents											
Ammonia-N	mg/l	---	0.07 U	---	0.11 J	---	0.07 U	0.13 J	0.096 J	0.07 U	0.07 U
Fluoride	mg/l	2	0.31 J	---	0.32 J	---	0.36 J	0.31 J	0.34 J	0.29 J	0.44 J
Formaldehyde	ug/l	100 NL	27 U	---	23 UJ	---	23 UJ	20 U	23 U	23 UJ	23 UJ
Nitrate-NO3	mg/l	45	0.35 U	---	0.35 U	---	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U

See last page of Table XII for notes and abbreviations.

TABLE XII

SUMMARY OF ANALYSES FOR CONSTITUENTS OF CONCERN AND PERCHLORATE, 2006
BOEING SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well Identifier			RD-49C	RD-49C	RD-51B	RD-51B	RD-51B	RD-51B	RD-51C	RD-51C	RD-51C
Sample Date			11/06/06	11/06/06	02/09/06	05/10/06	08/14/06	11/07/06	02/09/06	05/11/06	08/14/06
Sample Type			Dup	Split	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Laboratory	Units	MCL	TA	STL-SA	DMA	DMA	TA	TA	DMA	DMA	TA
Organic Constituents and Perchlorate											
1,1,1-Trichloroethane	ug/l	200	0.3 U	2 U	0.3 U	0.3 U	0.6 U	0.3 U	0.3 U	0.3 U	0.3 U
1,1,2-Trichloroethane	ug/l	5	0.3 U	1.6 U	0.3 U	0.3 U	0.6 U	0.3 U	0.3 U	0.3 U	0.3 U
1,1-Dichloroethane	ug/l	5	0.27 U	0.5 U	0.27 U	0.27 U	0.54 U	0.27 U	0.27 U	0.27 U	0.27 U
1,1-Dichloroethene	ug/l	6	0.42 U	1.8 U	0.42 U	0.42 U	0.84 U	0.42 U	0.42 U	0.42 U	0.42 U
1,2-Dichloroethane	ug/l	0.5	0.28 U	1.1 U	0.28 U	0.28 U	0.56 U	0.28 U	0.28 U	0.28 U	0.28 U
1,3-Dinitrobenzene	ug/l	---	---	---	2.9 U	2.9 U	2.9 U	2.9 U	2.9 U	2.9 U	2.9 U
1,4-Dioxane	ug/l	3 NL	---	---	0.49 U	0.59 U	1 U	1 U	0.49 U	0.65 U	1 U
2-Butanone	ug/l	---	3.8 U	5 U	3.8 U	3.8 U	7.6 U	3.8 U	3.8 U	3.8 U	3.8 U
Acetone	ug/l	---	4.5 U	5 U	4.5 U	4.5 U	9 U	4.5 U	4.5 U	4.5 U	4.5 U
Benzene	ug/l	1	0.28 U	0.65 U	0.28 U	0.28 U	0.56 U	0.28 U	0.28 U	0.28 U	0.28 U
Carbon tetrachloride	ug/l	0.5	0.28 U	0.75 U	0.28 U	0.28 U	0.56 U	0.28 U	0.28 U	0.28 U	0.28 U
Chloroform	ug/l	---	0.33 U	0.6 U	0.33 U	0.33 U	0.66 U	0.33 U	0.33 U	0.33 U	0.33 U
cis-1,2-Dichloroethene	ug/l	6	75	120	17	15	0.64 U	13	0.32 U	0.32 U	0.32 U
Ethylbenzene	ug/l	300	0.25 U	1.4 U	0.25 U	0.25 U	0.5 U	0.25 U	0.25 U	0.25 U	0.25 U
m,p-Xylenes	ug/l	1750 total	0.6 U	0.9 U	0.52 U	0.6 U	1.2 U	0.6 U	0.52 U	0.6 U	0.6 U
Methylene chloride	ug/l	5	0.95 U	1.8 U	0.51 U	0.7 U	1.4 U	0.95 U	0.51 U	1 U	0.7 U
n-Nitrosodimethylamine (NDMA)	ug/l	0.01 NL	---	---	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Nitrobenzene	ug/l	---	---	---	4 U	4 U	4 U	2.4 U	4 U	4 U	4 U
o-Xylene	ug/l	1750 total	0.3 U	0.5 U	0.24 U	0.3 U	0.6 U	0.3 U	0.24 U	0.3 U	0.3 U
Perchlorate	ug/l	6 NL	---	---	0.8 U	0.8 U	0.8 U	0.8 U	0.8 U	0.8 U	0.8 U
Tetrachloroethene	ug/l	5	0.32 U	1.9 U	0.32 U	0.32 U	0.64 U	0.32 U	0.32 U	0.32 U	0.32 U
Toluene	ug/l	150	0.36 U	1.2 U	0.36 U	0.36 U	0.72 U	0.36 U	0.36 U	0.36 U	0.37 J,L
trans-1,2-Dichloroethene	ug/l	10	0.27 U	3.7 J	2.1	1.5	0.54 U	1.1	0.27 U	0.27 UJ	0.27 U
Trichloroethene	ug/l	5	16	22	6.8	7.1	11	4.7	0.26 U	0.26 U	0.26 U
Trichlorofluoromethane	ug/l	150	0.34 U	1.2 U	0.34 U	0.34 U	0.68 U	0.34 U	0.34 U	0.34 U	0.34 U
Trichlorotrifluoroethane (Freon 113)	ug/l	1200	1.5 U	5 U	1.2 U	1.2 U	2.4 U	1.5 U	1.2 U	1.2 U	1.2 U
Vinyl chloride	ug/l	0.5	2	2.8 J	11	11	0.52 U	9.5	0.26 U	0.26 UJ	0.33 J,L
Naturally Occurring Constituents											
Ammonia-N	mg/l	---	---	---	0.31 U	0.16 J	0.07 U	0.07 U	0.24 U	0.1 J	0.074 J
Fluoride	mg/l	2	---	---	0.33 J	0.35 J	0.36 J	0.47 J	0.3 J	0.33 J	0.3 J
Formaldehyde	ug/l	100 NL	---	---	20 U	31 U	23 U	23 UJ	20 U	37 U	23 U
Nitrate-NO3	mg/l	45	---	---	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U

See last page of Table XII for notes and abbreviations.

TABLE XII

SUMMARY OF ANALYSES FOR CONSTITUENTS OF CONCERN AND PERCHLORATE, 2006
BOEING SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well Identifier			RD-51C	RD-55A	RD-55A	RD-55A	RD-55A	RD-55A	RD-55B	RD-55B	RD-55B
Sample Date			11/07/06	02/09/06	05/16/06	08/21/06	08/21/06	11/07/06	02/09/06	05/16/06	05/16/06
Sample Type			Primary	Primary	Primary	Primary	Dup	Primary	Primary	Primary	Dup
Laboratory	Units	MCL	TA	DMA	TA	TA	TA	TA	DMA	TA	TA
Organic Constituents and Perchlorate											
1,1,1-Trichloroethane	ug/l	200	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U
1,1,2-Trichloroethane	ug/l	5	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U
1,1-Dichloroethane	ug/l	5	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U
1,1-Dichloroethene	ug/l	6	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U
1,2-Dichloroethane	ug/l	0.5	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U
1,3-Dinitrobenzene	ug/l	---	2.9 U	2.9 U	2.8 U	2.8 U	---	2.9 U	2.9 U	2.9 U	---
1,4-Dioxane	ug/l	3 NL	1 U	0.49 U	0.65 U	1 U	---	1 U	0.49 U	0.65 U	---
2-Butanone	ug/l	---	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U
Acetone	ug/l	---	4.5 U	4.5 U	4.5 U	4.5 U	4.5 U	4.5 U	4.5 U	4.5 U	4.5 U
Benzene	ug/l	1	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U
Carbon tetrachloride	ug/l	0.5	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U
Chloroform	ug/l	---	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U
cis-1,2-Dichloroethene	ug/l	6	0.32 U	1.2	0.32 U	0.57 J	0.59 J	4.2	12	8.6	8.3
Ethylbenzene	ug/l	300	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
m,p-Xylenes	ug/l	1750 total	0.6 U	0.52 U	0.6 U	0.6 U	0.6 U	0.6 U	0.52 U	0.6 U	0.6 U
Methylene chloride	ug/l	5	0.95 U	0.51 U	3.2 U	0.81 U	0.7 U	0.95 U	0.51 U	2.1 U	2.3 U
n-Nitrosodimethylamine (NDMA)	ug/l	0.01 NL	0.01 U	0.01 U	0.01 U	0.01 U	---	0.01 U	0.01 U	0.01 U	---
Nitrobenzene	ug/l	---	2.4 U	4 U	4 U	4 U	---	2.4 U	4 U	4 U	---
o-Xylene	ug/l	1750 total	0.3 U	0.24 U	0.3 U	0.3 U	0.3 U	0.3 U	0.24 U	0.3 U	0.3 U
Perchlorate	ug/l	6 NL	0.8 U	0.8 U	0.8 U	0.8 U	---	0.8 U	0.8 U	0.8 U	---
Tetrachloroethene	ug/l	5	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U
Toluene	ug/l	150	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U
trans-1,2-Dichloroethene	ug/l	10	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.31 J	0.27 U	0.27 U	0.27 U
Trichloroethene	ug/l	5	0.26 U	3.1	0.31 J	2.6	2.4	6.6	22	15	15
Trichlorofluoromethane	ug/l	150	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U
Trichlorotrifluoroethane (Freon 113)	ug/l	1200	1.5 U	1.2 U	1.2 U	1.2 U	1.2 U	1.5 U	1.2 U	1.2 U	1.2 U
Vinyl chloride	ug/l	0.5	0.3 U	0.26 U	0.26 U	0.26 U	0.26 U	1.6	0.26 U	0.26 U	0.26 U
Naturally Occurring Constituents											
Ammonia-N	mg/l	---	0.085 U	0.13 J	0.079 J	0.07 U	---	0.075 U	0.11 U	0.14 J	---
Fluoride	mg/l	2	0.4 J	0.33 J	0.36 J	0.35 J	---	0.53	0.58	0.57	---
Formaldehyde	ug/l	100 NL	23 UJ	20 U	23 U	23 U	---	23 UJ	20 U	23 U	---
Nitrate-NO3	mg/l	45	0.35 U	23	20	19	---	18	0.35 U	0.35 U	---

See last page of Table XII for notes and abbreviations.

TABLE XII

SUMMARY OF ANALYSES FOR CONSTITUENTS OF CONCERN AND PERCHLORATE, 2006
BOEING SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well Identifier			RD-55B	RD-55B	RD-55B	RD-58A	RD-58A	RD-58A	RD-58A	RD-58B	RD-58B
Sample Date			05/16/06	08/22/06	11/09/06	02/07/06	05/18/06	08/15/06	11/13/06	05/16/06	08/15/06
Sample Type			Split	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Laboratory	Units	MCL	STL-SA	TA	TA	DMA	DMA	TA	TA	DMA	TA
Organic Constituents and Perchlorate											
1,1,1-Trichloroethane	ug/l	200	0.41 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U
1,1,2-Trichloroethane	ug/l	5	0.31 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U
1,1-Dichloroethane	ug/l	5	0.1 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U
1,1-Dichloroethene	ug/l	6	0.36 U	0.42 U	0.42 U	0.43 J	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U
1,2-Dichloroethane	ug/l	0.5	0.22 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U
1,3-Dinitrobenzene	ug/l	---	---	2.9 U	2.8 U	2.9 U	3 U	2.9 U	2.8 U	2.9 U	2.9 U
1,4-Dioxane	ug/l	3 NL	---	1 U	1 U	0.49 U	3.2 U	1 U	1 U	1.1 J	1 U
2-Butanone	ug/l	---	1 U	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U
Acetone	ug/l	---	1 U	4.5 U	4.5 U	4.5 U	4.5 U	4.5 U	4.5 U	4.5 U	4.5 U
Benzene	ug/l	1	0.13 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U
Carbon tetrachloride	ug/l	0.5	0.15 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U
Chloroform	ug/l	---	0.12 U	0.33 U	0.33 U	0.33 U	0.33 U	0.97 J	0.39 J	0.33 U	0.33 U
cis-1,2-Dichloroethene	ug/l	6	12	11	12	150	74	83	87	0.32 U	0.32 U
Ethylbenzene	ug/l	300	0.27 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
m,p-Xylenes	ug/l	1750 total	0.18 U	0.6 U	0.6 U	0.52 U	0.6 U	0.6 U	0.6 U	0.6 U	0.6 U
Methylene chloride	ug/l	5	0.35 U	0.95 U	0.95 U	0.51 U	0.7 U	0.7 U	0.95 U	2.1 U	0.7 U
n-Nitrosodimethylamine (NDMA)	ug/l	0.01 NL	---	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Nitrobenzene	ug/l	---	---	4 U	2.4 U	4 U	4.2 U	4 U	2.4 U	4.1 U	4 U
o-Xylene	ug/l	1750 total	0.1 U	0.3 U	0.3 U	0.24 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U
Perchlorate	ug/l	6 NL	---	0.8 U	0.8 U	0.8 U	0.8 U	0.8 U	0.8 U	0.8 U	0.8 U
Tetrachloroethene	ug/l	5	0.38 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U
Toluene	ug/l	150	0.25 U	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U	2.5 C	3.2 S
trans-1,2-Dichloroethene	ug/l	10	0.11 U	0.27 U	0.27 U	0.98 J	0.69 J	0.77 J	0.54 J	0.27 U	0.27 U
Trichloroethene	ug/l	5	19	21	22	64	120	480	220	0.26 U	0.26 U
Trichlorofluoromethane	ug/l	150	0.23 U	0.34 U	0.34 U	0.34 U	0.34 U	0.37 J	0.34 U	0.34 U	0.34 U
Trichlorotrifluoroethane (Freon 113)	ug/l	1200	1 U	1.2 U	1.5 U	10	18	26	14	1.2 U	1.2 U
Vinyl chloride	ug/l	0.5	0.12 U	0.26 U	0.3 U	0.26 U	0.26 U	0.26 U	0.3 U	0.26 U	0.26 U
Naturally Occurring Constituents											
Ammonia-N	mg/l	---	---	0.07 U	0.07 U	0.11 U	0.07 U	0.075 J	0.07 U	0.07 U	0.089 J
Fluoride	mg/l	2	---	0.6	0.65	0.41 J	0.73	0.48 J	0.5	0.44 J	0.47 J
Formaldehyde	ug/l	100 NL	---	23 UJ	23 UJ	20 U	23 UJ	23 U	23 UJ	23 U	23 U
Nitrate-NO3	mg/l	45	---	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U

See last page of Table XII for notes and abbreviations.

TABLE XII

SUMMARY OF ANALYSES FOR CONSTITUENTS OF CONCERN AND PERCHLORATE, 2006
BOEING SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well Identifier			RD-58B	RD-77	RD-86	HAR-07	HAR-07	HAR-07	HAR-07	HAR-07	HAR-07
Sample Date			11/09/06	08/17/06	03/16/06	02/14/06	02/14/06	05/11/06	05/11/06	05/11/06	08/15/06
Sample Type			Primary	Primary	Primary	Primary	Dup	Primary	Dup	Split	Primary
Laboratory	Units	MCL	TA	Pacific	Weck	DMA	DMA	TA	TA	DMA	TA
Organic Constituents and Perchlorate											
1,1,1-Trichloroethane	ug/l	200	0.3 U	---	---	30 U	12 U	7.5 U	---	---	3 U
1,1,2-Trichloroethane	ug/l	5	0.3 U	---	---	30 U	12 U	7.5 U	---	---	3 U
1,1-Dichloroethane	ug/l	5	0.27 U	---	---	27 U	11 U	6.8 U	---	---	2.7 U
1,1-Dichloroethene	ug/l	6	0.42 U	---	---	42 U	17 U	10 U	---	---	4.2 U
1,2-Dichloroethane	ug/l	0.5	0.28 U	---	---	28 U	11 U	7 U	---	---	2.8 U
1,3-Dinitrobenzene	ug/l	---	2.8 U	---	---	2.9 U	---	1.9 U	---	---	2.9 U
1,4-Dioxane	ug/l	3 NL	1 U	---	---	1.2 J	---	0.71 J	0.65 U	1 U	1 U
2-Butanone	ug/l	---	3.8 U	---	---	380 U	150 U	95 U	---	---	38 U
Acetone	ug/l	---	4.5 U	---	---	450 U	180 U	110 U	---	---	45 U
Benzene	ug/l	1	0.28 U	---	---	28 U	11 U	7 U	---	---	2.8 U
Carbon tetrachloride	ug/l	0.5	0.28 U	---	---	28 U	11 U	7 U	---	---	2.8 U
Chloroform	ug/l	---	0.33 U	---	---	33 U	13 U	8.2 U	---	---	3.3 U
cis-1,2-Dichloroethene	ug/l	6	0.32 U	---	---	2600 J	2300	1300	---	---	1100
Ethylbenzene	ug/l	300	0.25 U	---	---	25 U	10 U	6.2 U	---	---	2.5 U
m,p-Xylenes	ug/l	1750 total	0.6 U	---	---	52 U	21 U	15 U	---	---	6 U
Methylene chloride	ug/l	5	0.95 U	---	---	51 U	20 U	18 U	---	---	7 U
n-Nitrosodimethylamine (NDMA)	ug/l	0.01 NL	0.01 U	0.01 U	0.01 U	0.0500	0.0502	0.0346	0.0346	---	0.0492
Nitrobenzene	ug/l	---	2.4 U	---	---	4 U	---	0.37 U	---	---	4 U
o-Xylene	ug/l	1750 total	0.3 U	---	---	24 U	9.6 U	7.5 U	---	---	3 U
Perchlorate	ug/l	6 NL	0.8 U	---	---	0.8 U	---	0.8 U	---	---	0.8 U
Tetrachloroethene	ug/l	5	0.32 U	---	---	32 U	13 U	8 U	---	---	3.2 U
Toluene	ug/l	150	0.36 U	---	---	36 U	14 U	9 U	---	---	29
trans-1,2-Dichloroethene	ug/l	10	0.27 U	---	---	100 J	100	55	---	---	55
Trichloroethene	ug/l	5	0.26 U	---	---	6800 J	5700	4500	---	---	6700
Trichlorofluoromethane	ug/l	150	0.34 U	---	---	34 U	14 U	8.5 U	---	---	3.4 U
Trichlorotrifluoroethane (Freon 113)	ug/l	1200	1.5 U	---	---	120 U	48 U	---	---	---	12 U
Vinyl chloride	ug/l	0.5	0.3 U	---	---	26 U	24	15 J	---	---	21
Naturally Occurring Constituents											
Ammonia-N	mg/l	---	0.07 U	---	---	0.13 U	---	0.078 J	---	---	0.07 U
Fluoride	mg/l	2	0.49 J	---	---	0.34 J	---	0.37 J	---	---	0.39 J
Formaldehyde	ug/l	100 NL	23 UJ	---	---	21 J	---	48 U	---	---	23 U
Nitrate-NO3	mg/l	45	0.35 U	---	---	0.35 U	---	1.2	---	---	0.53

See last page of Table XII for notes and abbreviations.

TABLE XII

SUMMARY OF ANALYSES FOR CONSTITUENTS OF CONCERN AND PERCHLORATE, 2006
BOEING SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well Identifier			HAR-07	HAR-07	HAR-07	HAR-08	HAR-08	HAR-08	HAR-08	HAR-08	HAR-08
Sample Date			08/15/06	08/15/06	11/08/06	02/14/06	02/14/06	02/14/06	05/11/06	05/11/06	08/15/06
Sample Type			Dup	Split	Primary	Primary	Dup	Split	Primary	Dup	Primary
Laboratory	Units	MCL	TA	TA	TA	DMA	DMA	DMA	DMA	Pacific	TA
Organic Constituents and Perchlorate											
1,1,1-Trichloroethane	ug/l	200	---	---	0.3 U	0.3 U	---	---	0.3 U	---	0.3 U
1,1,2-Trichloroethane	ug/l	5	---	---	0.3 U	0.3 U	---	---	0.3 U	---	0.3 U
1,1-Dichloroethane	ug/l	5	---	---	0.27 U	0.27 U	---	---	0.27 U	---	0.27 U
1,1-Dichloroethene	ug/l	6	---	---	7.3	0.42 U	---	---	0.42 U	---	0.42 U
1,2-Dichloroethane	ug/l	0.5	---	---	0.28 U	0.28 U	---	---	0.28 U	---	0.28 U
1,3-Dinitrobenzene	ug/l	---	---	---	2.9 U	2.9 U	---	---	2.9 U	---	2.9 U
1,4-Dioxane	ug/l	3 NL	1 U	6.5 UJ	1 U	1.3	1.3	1.7 J	1.5 J	---	1.1 J
2-Butanone	ug/l	---	---	---	3.8 U	3.8 U	---	---	3.8 U	---	3.8 U
Acetone	ug/l	---	---	---	4.5 U	4.5 U	---	---	4.5 U	---	4.5 U
Benzene	ug/l	1	---	---	0.28 U	0.28 U	---	---	0.28 U	---	0.28 U
Carbon tetrachloride	ug/l	0.5	---	---	0.28 U	0.28 U	---	---	0.28 U	---	0.28 U
Chloroform	ug/l	---	---	---	0.33 U	0.33 U	---	---	0.33 U	---	0.33 U
cis-1,2-Dichloroethene	ug/l	6	---	---	2000	18 J	---	---	15	---	15
Ethylbenzene	ug/l	300	---	---	0.25 U	0.25 U	---	---	0.25 U	---	0.25 U
m,p-Xylenes	ug/l	1750 total	---	---	0.6 U	0.52 U	---	---	0.6 U	---	0.6 U
Methylene chloride	ug/l	5	---	---	0.95 U	0.51 U	---	---	1.1 U	---	0.7 U
n-Nitrosodimethylamine (NDMA)	ug/l	0.01 NL	0.0445	---	0.0475	0.01 U	---	---	0.0196	0.0183	0.0191
Nitrobenzene	ug/l	---	---	---	2.4 U	4 U	---	---	4 U	---	4.1 U
o-Xylene	ug/l	1750 total	---	---	0.3 U	0.24 U	---	---	0.3 U	---	0.3 U
Perchlorate	ug/l	6 NL	---	---	0.8 U	0.8 U	---	---	0.8 U	---	0.8 U
Tetrachloroethene	ug/l	5	---	---	2	0.32 U	---	---	0.32 U	---	0.32 U
Toluene	ug/l	150	---	---	2.8	0.36 U	---	---	0.36 U	---	0.36 U
trans-1,2-Dichloroethene	ug/l	10	---	---	78	2.1	---	---	1.9 J	---	2.1
Trichloroethene	ug/l	5	---	---	9900	1.2	---	---	1.3	---	1.5
Trichlorofluoromethane	ug/l	150	---	---	0.34 U	0.34 U	---	---	0.34 U	---	0.34 U
Trichlorotrifluoroethane (Freon 113)	ug/l	1200	---	---	1.5 U	1.2 U	---	---	1.2 U	---	1.2 U
Vinyl chloride	ug/l	0.5	---	---	24	4.6	---	---	4.3 J	---	3.2
Naturally Occurring Constituents											
Ammonia-N	mg/l	---	---	---	0.098 U	0.23 U	---	---	0.07 U	---	0.13 J
Fluoride	mg/l	2	---	---	0.43 J	0.32 J	---	---	0.3 J	---	0.34 J
Formaldehyde	ug/l	100 NL	---	---	23 UJ	39 J	---	---	39 U	---	23 U
Nitrate-NO3	mg/l	45	---	---	0.35 U	0.35 U	---	---	0.35 U	---	0.35 U

See last page of Table XII for notes and abbreviations.

TABLE XII

SUMMARY OF ANALYSES FOR CONSTITUENTS OF CONCERN AND PERCHLORATE, 2006
BOEING SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well Identifier			HAR-08	HAR-08	HAR-16	HAR-18	HAR-18	HAR-20	HAR-20	HAR-20	HAR-20
Sample Date			08/15/06	11/09/06	08/17/06	11/09/06	12/15/06	02/22/06	02/22/06	05/16/06	05/16/06
Sample Type			Dup	Primary	Primary	Primary	Primary	Primary	Dup	Primary	Dup
Laboratory	Units	MCL	Pacific	TA	TA	TA	TA	DMA	Pacific	TA	Pacific
Organic Constituents and Perchlorate											
1,1,1-Trichloroethane	ug/l	200	---	0.3 U	---	4.5 J	3 U	0.3 U	---	0.3 U	---
1,1,2-Trichloroethane	ug/l	5	---	0.3 U	---	3 U	3 U	0.3 U	---	0.3 U	---
1,1-Dichloroethane	ug/l	5	---	0.27 U	---	8.2 J	6.5 J	0.27 U	---	0.85 J	---
1,1-Dichloroethene	ug/l	6	---	0.42 U	---	150	110	0.42 U	---	0.42 U	---
1,2-Dichloroethane	ug/l	0.5	---	0.28 U	---	2.8 U	2.8 U	0.28 U	---	0.28 U	---
1,3-Dinitrobenzene	ug/l	---	---	2.9 U	---	2.8 R	---	2.9 U	---	2.9 U	---
1,4-Dioxane	ug/l	3 NL	---	1 U	---	16 J	---	5.8	---	4.7	---
2-Butanone	ug/l	---	---	3.8 U	---	200 S	38 U	3.8 U	---	3.8 U	---
Acetone	ug/l	---	---	4.5 U	---	45 U	45 U	4.5 U	---	4.5 U	---
Benzene	ug/l	1	---	0.28 U	---	2.8 U	2.8 U	0.28 U	---	0.28 U	---
Carbon tetrachloride	ug/l	0.5	---	0.28 U	---	2.8 U	2.8 U	0.28 U	---	0.28 U	---
Chloroform	ug/l	---	---	0.33 U	---	3.3 U	3.3 U	0.33 U	---	0.33 U	---
cis-1,2-Dichloroethene	ug/l	6	---	13	---	1600	1500	88	---	43	---
Ethylbenzene	ug/l	300	---	0.25 U	---	2.5 U	2.5 U	0.25 U	---	0.25 U	---
m,p-Xylenes	ug/l	1750 total	---	0.6 U	---	6 U	6 U	0.52 U	---	0.6 U	---
Methylene chloride	ug/l	5	---	0.95 U	---	9.5 U	9.5 U	0.51 U	---	2.9 U	---
n-Nitrosodimethylamine (NDMA)	ug/l	0.01 NL	0.0183	0.0179	---	0.2141	---	0.0645	0.0624	0.0672	0.0251
Nitrobenzene	ug/l	---	---	2.4 U	---	2.4 R	---	4.1 U	---	4 U	---
o-Xylene	ug/l	1750 total	---	0.3 U	---	3 U	3 U	0.24 U	---	0.3 U	---
Perchlorate	ug/l	6 NL	---	0.8 U	---	0.8 U	---	0.8 U	---	0.8 U	---
Tetrachloroethene	ug/l	5	---	0.32 U	---	3.2 U	3.2 U	0.32 U	---	0.32 U	---
Toluene	ug/l	150	---	0.36 U	---	32 S	3.6 U	0.36 U	---	0.36 U	---
trans-1,2-Dichloroethene	ug/l	10	---	1.7	---	41	42	8.3	---	3.3	---
Trichloroethene	ug/l	5	---	0.99 J	---	1400	1400	120	---	56	---
Trichlorofluoromethane	ug/l	150	---	0.34 U	---	3.4 U	3.4 U	0.34 U	---	0.34 U	---
Trichlorotrifluoroethane (Freon 113)	ug/l	1200	---	1.5 U	---	580	460	1.2 U	---	1.2 U	---
Vinyl chloride	ug/l	0.5	---	2.6	---	110	110	0.26 U	---	0.26 U	---
Naturally Occurring Constituents											
Ammonia-N	mg/l	---	---	0.07 U	---	0.089 J	---	0.11 U	---	0.1 J	---
Fluoride	mg/l	2	---	0.36 J	---	0.37 J	---	0.34 J	---	0.4 J	---
Formaldehyde	ug/l	100 NL	---	23 UJ	23 UJ	23 UJ	---	34 U	---	23 U	---
Nitrate-NO3	mg/l	45	---	0.35 U	---	22	---	0.43 J	---	0.35 U	---

See last page of Table XII for notes and abbreviations.

TABLE XII

SUMMARY OF ANALYSES FOR CONSTITUENTS OF CONCERN AND PERCHLORATE, 2006
BOEING SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well Identifier			HAR-20	HAR-20	HAR-20	HAR-20	HAR-23	HAR-23	HAR-23	HAR-23	HAR-24
Sample Date			08/31/06	08/31/06	08/31/06	11/15/06	02/16/06	02/16/06	02/16/06	02/16/06	08/30/06
Sample Type			Primary	Dup	Split	Primary	Primary	Dup	Split	Split	Primary
Laboratory	Units	MCL	TA	TA	STL-SA	TA	DMA	Pacific	Weck	Weck	TA
Organic Constituents and Perchlorate											
1,1,1-Trichloroethane	ug/l	200	0.3 U	---	---	0.3 U	---	---	---	---	---
1,1,2-Trichloroethane	ug/l	5	0.3 U	---	---	0.3 U	---	---	---	---	---
1,1-Dichloroethane	ug/l	5	3	---	---	0.27 U	---	---	---	---	---
1,1-Dichloroethene	ug/l	6	0.42 U	---	---	0.53 J	---	---	---	---	---
1,2-Dichloroethane	ug/l	0.5	0.28 U	---	---	0.28 U	---	---	---	---	---
1,3-Dinitrobenzene	ug/l	---	2.8 U	---	---	2.8 U	---	---	---	---	---
1,4-Dioxane	ug/l	3 NL	3.9	---	---	2.2	---	---	---	---	---
2-Butanone	ug/l	---	3.8 U	---	---	3.8 U	---	---	---	---	---
Acetone	ug/l	---	4.5 U	---	---	4.5 U	---	---	---	---	---
Benzene	ug/l	1	0.28 U	---	---	0.28 U	---	---	---	---	---
Carbon tetrachloride	ug/l	0.5	0.28 U	---	---	0.28 U	---	---	---	---	---
Chloroform	ug/l	---	0.33 U	---	---	0.33 U	---	---	---	---	---
cis-1,2-Dichloroethene	ug/l	6	130	---	---	160	---	---	---	---	---
Ethylbenzene	ug/l	300	0.25 U	---	---	0.25 U	---	---	---	---	---
m,p-Xylenes	ug/l	1750 total	0.6 U	---	---	0.6 U	---	---	---	---	---
Methylene chloride	ug/l	5	1.1 U	---	---	0.95 U	---	---	---	---	---
n-Nitrosodimethylamine (NDMA)	ug/l	0.01 NL	0.0640	0.0520	---	0.0959	0.0511	0.0344	0.056	0.043	---
Nitrobenzene	ug/l	---	4 U	---	---	2.4 U	---	---	---	---	---
o-Xylene	ug/l	1750 total	0.3 U	---	---	0.3 U	---	---	---	---	---
Perchlorate	ug/l	6 NL	0.8 U	0.8 U	0.34 U	0.8 U	---	---	---	---	---
Tetrachloroethene	ug/l	5	0.32 U	---	---	0.32 U	---	---	---	---	---
Toluene	ug/l	150	0.36 U	---	---	0.36 U	---	---	---	---	---
trans-1,2-Dichloroethene	ug/l	10	11	---	---	16	---	---	---		---
Trichloroethene	ug/l	5	190	---	---	300 J	---	---	---	---	---
Trichlorofluoromethane	ug/l	150	0.34 U	---	---	0.34 U	---	---	---	---	---
Trichlorotrifluoroethane (Freon 113)	ug/l	1200	1.2 U	---	---	1.5 U	---	---	---	---	---
Vinyl chloride	ug/l	0.5	0.26 U	---	---	1.2	---	---	---	---	---
Naturally Occurring Constituents											
Ammonia-N	mg/l	---	0.089 J	---	---	0.086 J	---	---	---	---	---
Fluoride	mg/l	2	0.26 J	---	---	0.26 U	---	---	---	---	---
Formaldehyde	ug/l	100 NL	23 U	---	---	23 UJ	---	---	---	---	23 U
Nitrate-NO3	mg/l	45	0.35 U	---	---	0.35 U	---	---	---	---	---

See last page of Table XII for notes and abbreviations.

TABLE XII

SUMMARY OF ANALYSES FOR CONSTITUENTS OF CONCERN AND PERCHLORATE, 2006
BOEING SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well Identifier			HAR-25	HAR-25	WS-05	WS-05	WS-05	WS-05	WS-05	WS-05	WS-06
Sample Date			08/30/06	08/30/06	02/13/06	05/18/06	05/18/06	05/18/06	08/24/06	11/07/06	06/01/06
Sample Type			Primary	Dup	Primary	Primary	Dup	Split	Primary	Primary	Primary
Laboratory	Units	MCL	Pacific	Pacific	DMA	DMA	DMA	STL-SA	TA	TA	DMA
Organic Constituents and Perchlorate											
1,1,1-Trichloroethane	ug/l	200	---	---	0.3 U	0.3 U	0.3 U	---	0.3 U	0.3 U	0.3 U
1,1,2-Trichloroethane	ug/l	5	---	---	0.3 U	0.3 U	0.3 U	---	0.3 U	0.3 U	0.3 U
1,1-Dichloroethane	ug/l	5	---	---	0.27 U	0.27 U	0.27 U	---	0.27 U	0.27 U	0.27 U
1,1-Dichloroethene	ug/l	6	---	---	0.42 U	0.42 U	0.42 U	---	0.42 U	0.42 U	0.42 U
1,2-Dichloroethane	ug/l	0.5	---	---	0.28 U	0.28 U	0.28 U	---	0.28 U	0.28 U	0.28 U
1,3-Dinitrobenzene	ug/l	---	---	---	2.9 U	2.9 U	---	---	2.9 U	2.8 U	2.9 U
1,4-Dioxane	ug/l	3 NL	---	---	2.2	2.3	---	---	2.5	2	0.76 J
2-Butanone	ug/l	---	---	---	3.8 U	3.8 U	3.8 U	---	3.8 U	3.8 U	3.8 U
Acetone	ug/l	---	---	---	4.5 U	4.5 U	4.5 U	---	4.5 U	4.5 U	4.5 U
Benzene	ug/l	1	---	---	0.28 U	0.28 U	0.28 U	---	0.28 U	0.46 J,C	0.28 U
Carbon tetrachloride	ug/l	0.5	---	---	0.28 U	0.28 U	0.28 U	---	0.28 U	0.28 U	0.28 U
Chloroform	ug/l	---	---	---	0.33 U	0.33 U	0.33 U	---	0.33 U	0.33 U	0.33 U
cis-1,2-Dichloroethene	ug/l	6	---	---	2.6	2.2	1.9	---	2.3	2.1	63 J
Ethylbenzene	ug/l	300	---	---	0.25 U	0.25 U	0.25 U	---	0.25 U	0.25 U	0.25 U
m,p-Xylenes	ug/l	1750 total	---	---	0.52 U	0.6 U	0.6 U	---	0.6 U	0.6 U	0.6 U
Methylene chloride	ug/l	5	---	---	0.51 U	0.7 U	0.7 U	---	0.7 U	0.95 U	0.7 U
n-Nitrosodimethylamine (NDMA)	ug/l	0.01 NL	0.01 U	0.01 U	0.01 U	0.01 U	---	---	0.01 U	0.01 U	0.01 U
Nitrobenzene	ug/l	---	---	---	4 U	4.1 U	---	---	4 U	2.4 U	4.1 U
o-Xylene	ug/l	1750 total	---	---	0.24 U	0.3 U	0.3 U	---	0.3 U	0.3 U	0.3 U
Perchlorate	ug/l	6 NL	---	---	0.8 U	0.8 U	---	0.34 U	0.8 U	0.8 U	0.8 U
Tetrachloroethene	ug/l	5	---	---	0.32 U	0.32 U	0.32 U	---	0.32 U	0.32 U	0.32 U
Toluene	ug/l	150	---	---	0.36 U	0.36 U	0.36 U	---	0.36 U	0.36 U	0.36 U
trans-1,2-Dichloroethene	ug/l	10	---	---	0.27 U	0.27 U	0.27 U	---	0.27 U	0.27 U	6.9
Trichloroethene	ug/l	5	---	---	0.82 J	0.65 J	0.58 J	---	0.8 J	0.66 J	3
Trichlorofluoromethane	ug/l	150	---	---	0.34 U	0.34 U	0.34 U	---	0.34 U	0.34 U	0.34 U
Trichlorotrifluoroethane (Freon 113)	ug/l	1200	---	---	1.2 U	1.2 U	1.2 U	---	1.2 U	1.5 U	1.2 U
Vinyl chloride	ug/l	0.5	---	---	0.26 U	0.26 U	0.26 U	---	0.26 U	0.3 U	2.6
Naturally Occurring Constituents											
Ammonia-N	mg/l	---	---	---	0.15 U	0.07 U	---	---	0.15 J	0.13 U	0.07 U
Fluoride	mg/l	2	---	---	0.34 J	0.55	---	---	0.37 J	0.42 J	0.2 J
Formaldehyde	ug/l	100 NL	---	---	20 U	23 UJ	---	---	23 UJ	24 UJ	23 U
Nitrate-NO3	mg/l	45	---	---	0.35 U	0.35 U	---	---	0.35 U	0.35 U	0.35 U

See last page of Table XII for notes and abbreviations.

TABLE XII

SUMMARY OF ANALYSES FOR CONSTITUENTS OF CONCERN AND PERCHLORATE, 2006
BOEING SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well Identifier			WS-06	WS-06	WS-06	WS-06	WS-09	WS-09	WS-09	WS-09	WS-09A
Sample Date			08/16/06	08/16/06	08/16/06	11/09/06	06/01/06	08/16/06	08/16/06	11/08/06	08/22/06
Sample Type			Primary	Dup	Split	Primary	Primary	Primary	Split	Primary	Primary
Laboratory	Units	MCL	TA	TA	STL-SA	TA	DMA	TA	TA	TA	TA
Organic Constituents and Perchlorate											
1,1,1-Trichloroethane	ug/l	200	0.3 U	0.3 U	0.41 U	0.3 U	120 U	60 U	---	0.3 U	0.3 U
1,1,2-Trichloroethane	ug/l	5	0.3 U	0.3 U	0.31 U	0.3 U	120 U	60 U	---	0.44 J	0.3 U
1,1-Dichloroethane	ug/l	5	0.27 U	0.27 U	0.1 U	0.27 U	110 U	54 U	---	0.63 J	0.27 U
1,1-Dichloroethene	ug/l	6	0.42 U	0.42 U	0.36 U	0.42 U	170 U	84 U	---	12	0.42 U
1,2-Dichloroethane	ug/l	0.5	0.28 U	0.28 U	0.22 U	0.28 U	110 U	56 U	---	0.28 U	0.28 U
1,3-Dinitrobenzene	ug/l	---	2.9 U	---	---	2.9 U	2.9 U	2.9 U	---	2.8 U	2.9 U
1,4-Dioxane	ug/l	3 NL	1 U	---	---	1 U	10	7.8	18 J	5.5	1 U
2-Butanone	ug/l	---	3.8 U	3.8 U	1 U	3.8 U	1500 U	760 U	---	3.8 U	3.8 U
Acetone	ug/l	---	4.5 U	4.5 U	1 U	4.5 U	1800 U	900 U	---	4.5 U	4.5 U
Benzene	ug/l	1	0.28 U	0.28 U	0.13 U	0.28 U	110 U	56 U	---	0.28 U	0.28 U
Carbon tetrachloride	ug/l	0.5	0.28 U	0.28 U	0.15 U	0.28 U	110 U	56 U	---	0.28 U	0.28 U
Chloroform	ug/l	---	0.33 U	0.33 U	0.12 U	0.33 U	130 U	78 J	---	0.33 U	0.33 U
cis-1,2-Dichloroethene	ug/l	6	66	72	64	67	1300	720	---	1000	1.8
Ethylbenzene	ug/l	300	0.25 U	0.25 U	0.27 U	0.25 U	100 U	50 U	---	0.25 U	0.25 U
m,p-Xylenes	ug/l	1750 total	0.6 U	0.6 U	0.18 U	0.6 U	240 U	120 U	---	0.6 U	0.6 U
Methylene chloride	ug/l	5	0.7 U	0.7 U	0.35 U	0.95 U	280 U	140 J	---	0.95 U	0.92 U
n-Nitrosodimethylamine (NDMA)	ug/l	0.01 NL	0.01 U	---	---	0.01 U	0.01 U	0.01 U	---	0.01 U	0.01 U
Nitrobenzene	ug/l	---	4 U	---	---	2.4 U	4 U	4.1 U	---	2.4 U	4.1 U
o-Xylene	ug/l	1750 total	0.3 U	0.3 U	0.1 U	0.3 U	120 U	60 U	---	0.3 U	0.3 U
Perchlorate	ug/l	6 NL	0.8 U	---	---	0.8 U	0.8 U	0.8 U	---	0.8 U	0.8 U
Tetrachloroethene	ug/l	5	0.32 U	0.32 U	0.38 U	0.32 U	130 U	64 U	---	1.4	0.32 U
Toluene	ug/l	150	0.36 U	0.36 U	0.25 U	0.36 U	140 U	72 U	---	0.36 U	0.36 U
trans-1,2-Dichloroethene	ug/l	10	6.6	7.4	8.5	6	110 U	54 U	---	16	0.35 J
Trichloroethene	ug/l	5	3.7	3.7	3.7	9.7	27000	19000	---	24000	0.76 J
Trichlorofluoromethane	ug/l	150	0.34 U	0.34 U	0.23 U	0.34 U	140 U	68 U	---	0.34 U	0.34 U
Trichlorotrifluoroethane (Freon 113)	ug/l	1200	1.2 U	1.2 U	---	1.5 U	480 U	240 U	---	1.5 U	1.2 U
Vinyl chloride	ug/l	0.5	2.6	2.7	3.2	2.4	100 U	52 U	---	0.96	0.26 U
Naturally Occurring Constituents											
Ammonia-N	mg/l	---	0.07 U	---	---	0.07 U	0.07 U	0.15 J	---	0.17 U	0.14 J
Fluoride	mg/l	2	0.29 J	---	---	0.34 J	0.19 J	0.32 J	---	0.35 J	0.43 J
Formaldehyde	ug/l	100 NL	23 UJ	---	---	23 UJ	23 U	23 UJ	---	23 UJ	23 UJ
Nitrate-NO3	mg/l	45	0.35 U	---	---	0.35 U	0.35 U	0.35 U	---	0.35 U	0.35 U

See last page of Table XII for notes and abbreviations.

TABLE XII

SUMMARY OF ANALYSES FOR CONSTITUENTS OF CONCERN AND PERCHLORATE, 2006
BOEING SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well Identifier			WS-09A	WS-09A	OS-28	OS-28
Sample Date			08/22/06	11/09/06	02/21/06	08/31/06
Sample Type			Dup	Primary	Primary	Primary
Laboratory	Units	MCL	TA	TA	DMA	Pacific
Organic Constituents and Perchlorate						
1,1,1-Trichloroethane	ug/l	200	0.3 U	0.3 U	---	---
1,1,2-Trichloroethane	ug/l	5	0.3 U	0.3 U	---	---
1,1-Dichloroethane	ug/l	5	0.27 U	0.27 U	---	---
1,1-Dichloroethene	ug/l	6	0.42 U	0.42 U	---	---
1,2-Dichloroethane	ug/l	0.5	0.28 U	0.28 U	---	---
1,3-Dinitrobenzene	ug/l	---	---	2.8 U	---	---
1,4-Dioxane	ug/l	3 NL	---	1 U	---	---
2-Butanone	ug/l	---	3.8 U	3.8 U	---	---
Acetone	ug/l	---	4.5 U	4.5 U	---	---
Benzene	ug/l	1	0.28 U	0.28 U	---	---
Carbon tetrachloride	ug/l	0.5	0.28 U	0.28 U	---	---
Chloroform	ug/l	---	0.33 U	0.33 U	---	---
cis-1,2-Dichloroethene	ug/l	6	1.8	2.9	---	---
Ethylbenzene	ug/l	300	0.25 U	0.25 U	---	---
m,p-Xylenes	ug/l	1750 total	0.6 U	0.6 U	---	---
Methylene chloride	ug/l	5	0.92 U	0.95 U	---	---
n-Nitrosodimethylamine (NDMA)	ug/l	0.01 NL	0.01 U	0.01 U	0.01 U	0.01 U
Nitrobenzene	ug/l	---	---	2.4 U	---	---
o-Xylene	ug/l	1750 total	0.3 U	0.3 U	---	---
Perchlorate	ug/l	6 NL	---	0.8 U	---	---
Tetrachloroethene	ug/l	5	0.32 U	0.32 U	---	---
Toluene	ug/l	150	0.36 U	0.36 U	---	---
trans-1,2-Dichloroethene	ug/l	10	0.36 J	0.7 J	---	---
Trichloroethene	ug/l	5	0.75 J	0.7 J	---	---
Trichlorofluoromethane	ug/l	150	0.34 U	0.34 U	---	---
Trichlorotrifluoroethane (Freon 113)	ug/l	1200	1.2 U	1.5 U	---	---
Vinyl chloride	ug/l	0.5	0.26 U	0.3 U	---	---
Naturally Occurring Constituents						
Ammonia-N	mg/l	---	---	0.16 J	---	---
Fluoride	mg/l	2	---	0.36 J	---	---
Formaldehyde	ug/l	100 NL	---	23 UJ	---	---
Nitrate-NO3	mg/l	45	---	0.35 U	---	---

See last page of Table XII for notes and abbreviations.

TABLE XII

NOTES AND ABBREVIATIONS

1.	DMA	=	Del Mar Analytical of Irvine, California and Phoenix, Arizona.
2.	Pacific	=	Pacific Analytical of Carlsbad, California.
3.	STL-SA	=	Severn Trent Laboratories of Sacramento, California.
4.	TA	=	TestAmerica of Irvine, California, formerly Del Mar Analytical.
5.	Weck	=	Weck Laboratories of City of Industry, California.
6.	Primary	=	Primary sample.
7.	Dup	=	Duplicate sample.
8.	Split	=	Split sample.
9.	NL	=	Advisory California Notification Level for unregulated chemical contaminants.
10	MCL	=	Maximum Contaminant Level, California primary drinking water standard.
11.	mg/l	=	Milligrams per liter.
12.	ug/l	=	Micrograms per liter.
13.	(---)	=	Analysis not performed.
14.	Total	=	MCL for sum of xylene isomers.
15.	J	=	Estimated value. Analyte detected at a level less than the Reporting Limit (RL) and greater than or equal to the Method Detection Limit (MDL), or concentration estimated due to a deficiency in analytical quality control.
16.	L	=	Laboratory contaminant.
17.	S	=	Suspect result.
18.	U	=	Not detected. Numerical value represents the Method Detection Limit for that compound, except for NDMA results for which the numerical value represents the reporting limit.
19.	UJ	=	Not detected. Estimated detection limit as a result of analytical quality control deficiencies (see Appendix D for details).

20. Low-level N-nitrosodimethylamine (NDMA) analyses were performed using modified EPA method 1625 on primary and duplicate samples by Pacific Analytical, and on split samples by Weck Laboratories. RD-86 NDMA analysis was performed by Weck Laboratories.

21. During the first and second quarters, low level 1,4-dioxane analyses were performed on primary and duplicate samples by Del Mar Analytical of Phoenix, Arizona, and on split samples by Del Mar Analytical of Irvine, California, using modified EPA method 8260SIM.

22. During the third and fourth quarters, low level 1,4-dioxane analyses were performed on primary and duplicate samples by TestAmerica of Irvine, California, and on split samples by TestAmerica of Phoenix, Arizona, using modified EPA method 8260SIM.

23. MCLs and NLs are listed by the California Department of Health Services (2006) at http://www.dhs.ca.gov/ps/ddwem/chemicals/chemindex.htm.

TABLE XIII
SUMMARY OF ANALYSES FOR INORGANIC CONSTITUENTS, 2006
BOEING SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well Identifier			PZ-056	RD-14	RD-32	RD-36A	RD-36B	RD-36C	RD-36D
Sample Port			---	---	---	---	---	---	---
Sample Date			03/16/06	03/16/06	02/21/06	11/15/06	05/18/06	05/19/06	05/18/06
Sample Type			Primary	Primary	Primary	Primary	Primary	Primary	Primary
Laboratory			DMA	DMA	DMA	TA	TA	DMA	TA
Compound	Units	MCL							
Calcium	mg/l	NA	---	---	100	48	37	46	97
Magnesium	mg/l	NA	---	---	19	8	5.5	20	23
Potassium	mg/l	NA	---	---	3.2	2	0.72	3.8	3
Sodium	mg/l	NA	---	---	45	29	27	51	42
Alkalinity as CaCO3	mg/l	NA	---	---	---	---	---	---	---
Bicarbonate	mg/l	NA	---	---	350	230	110	68	340
Carbonate	mg/l	NA	---	---	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
Bromide	mg/l	NA	---	---	---	---	---	---	---
Chloride	mg/l	250, 500, 600 SMCL	---	---	36	19	32	180	66
Fluoride	mg/l	2.0	0.63	0.28 J	---	---	---	---	---
Nitrate-NO3	mg/l	45	---	---	0.35 U	0.35 U	13	0.35 U	0.35 U
Nitrite-N	mg/l	1.0	---	---	---	---	---	---	---
Sulfate	mg/l	250, 500, 600 SMCL	70	160	79 J	1.2	27	0.61	78
Total Dissolved Solids	mg/l	500, 1000, 1500 SMCL	---	---	470	290	250	470	510
pH	pH units	6.5-8.5 SMCL	---	---	7.24	6.99	6.62 J	7.08	7.57
Specific Conductance	umhos/cm	900, 1600, 2200 SMCL	---	---	810	460	380	770	830
Delta Deuterium	per mil	NA	---	---	---	---	---	---	---
Delta Deuterium Reanalysis 1	per mil	NA	---	---	---	---	---	---	---
Delta Deuterium Reanalysis 2	per mil	NA	---	---	---	---	---	---	---
Delta Oxygen-18	per mil	NA	---	---	---	---	---	---	---
Delta Oxygen-18 Reanalysis 1	per mil	NA	---	---	---	---	---	---	---
Delta Oxygen-18 Reanalysis 2	per mil	NA	---	---	---	---	---	---	---

See last page of Table XIII for notes and abbreviations.

TABLE XIII
SUMMARY OF ANALYSES FOR INORGANIC CONSTITUENTS, 2006
BOEING SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well Identifier			RD-37	RD-38A	RD-38B	RD-39A	RD-39B	RD-43A	RD-43B
Sample Port			---	---	---	---	---	---	---
Sample Date			02/20/06	05/17/06	02/21/06	08/31/06	02/20/06	02/23/06	02/22/06
Sample Type			Primary	Primary	Primary	Primary	Primary	Primary	Primary
Laboratory			DMA	DMA	DMA	TA	DMA	DMA	DMA
Compound	Units	MCL							
Calcium	mg/l	NA	120	100	100	100	110	120	110
Magnesium	mg/l	NA	34	15	23	24	24	22	22
Potassium	mg/l	NA	4.6	1.9	3.2	3.3	3.2	2.5	3.3
Sodium	mg/l	NA	73	40	50	50	46	30	50
Alkalinity as CaCO3	mg/l	NA	---	---	---	---	---	---	---
Bicarbonate	mg/l	NA	310	350	380	400	420	400	400
Carbonate	mg/l	NA	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
Bromide	mg/l	NA	---	---	---	---	---	---	---
Chloride	mg/l	250, 500, 600 SMCL	170	41	33	48	36	20	38
Fluoride	mg/l	2.0	---	---	---	---	---	---	---
Nitrate-NO3	mg/l	45	0.35 U	3.5	0.35 U	0.35 U	2.6	1.2	0.35 U
Nitrite-N	mg/l	1.0	---	---	---	---	---	---	---
Sulfate	mg/l	250, 500, 600 SMCL	96	69	86 J	67	82	87	100
Total Dissolved Solids	mg/l	500, 1000, 1500 SMCL	640	470	480	530	530	490	520
pH	pH units	6.5-8.5 SMCL	7.86	7.07	7.33	7.24	7.32	6.87	7.26 J
Specific Conductance	umhos/cm	900, 1600, 2200 SMCL	1200	800	850	890	880	840	910
Delta Deuterium	per mil	NA	---	---	---	---	---	---	---
Delta Deuterium Reanalysis 1	per mil	NA	---	---	---	---	---	---	---
Delta Deuterium Reanalysis 2	per mil	NA	---	---	---	---	---	---	---
Delta Oxygen-18	per mil	NA	---	---	---	---	---	---	---
Delta Oxygen-18 Reanalysis 1	per mil	NA	---	---	---	---	---	---	---
Delta Oxygen-18 Reanalysis 2	per mil	NA	---	---	---	---	---	---	---

See last page of Table XIII for notes and abbreviations.

TABLE XIII
SUMMARY OF ANALYSES FOR INORGANIC CONSTITUENTS, 2006
BOEING SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well Identifier			RD-43C	RD-45B	RD-45C	RD-51B	RD-51C	RD-52B	RD-52C
Sample Port			---	---	---	---	---	---	---
Sample Date			02/22/06	02/06/06	02/03/06	02/09/06	02/09/06	02/03/06	02/02/06
Sample Type			Primary	Primary	Primary	Primary	Primary	Primary	Primary
Laboratory			DMA	DMA	DMA	DMA	DMA	DMA	DMA
Compound	Units	MCL							
Calcium	mg/l	NA	110	100	54	110	89	130	110
Magnesium	mg/l	NA	25	26	13	39	29	33	25
Potassium	mg/l	NA	3.4	3.4	2.7	4.6	3.4	4.4	3.5
Sodium	mg/l	NA	51	65	51	63	90	70	56
Alkalinity as CaCO3	mg/l	NA	---	---	---	---	---	---	---
Bicarbonate	mg/l	NA	400	310	250	440	380	440	360
Carbonate	mg/l	NA	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
Bromide	mg/l	NA	---	---	---	---	---	---	---
Chloride	mg/l	250, 500, 600 SMCL	39	33	26	50	45	48	37
Fluoride	mg/l	2.0	---	---	---	0.33 J	0.3 J	---	---
Nitrate-NO3	mg/l	45	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U
Nitrite-N	mg/l	1.0	---	---	---	---	---	---	---
Sulfate	mg/l	250, 500, 600 SMCL	110	220	67	150	170	210	180
Total Dissolved Solids	mg/l	500, 1000, 1500 SMCL	580	520	320	660 J	630 J	700	600
pH	pH units	6.5-8.5 SMCL	7.23 J	7.29	7.48	7.13	7.39	7.1	7.15 J
Specific Conductance	umhos/cm	900, 1600, 2200 SMCL	940	970	610	1100 J	1100 J	1200	990
Delta Deuterium	per mil	NA	---	---	---	---	---	---	---
Delta Deuterium Reanalysis 1	per mil	NA	---	---	---	---	---	---	---
Delta Deuterium Reanalysis 2	per mil	NA	---	---	---	---	---	---	---
Delta Oxygen-18	per mil	NA	---	---	---	---	---	---	---
Delta Oxygen-18 Reanalysis 1	per mil	NA	---	---	---	---	---	---	---
Delta Oxygen-18 Reanalysis 2	per mil	NA	---	---	---	---	---	---	---

See last page of Table XIII for notes and abbreviations.

TABLE XIII
SUMMARY OF ANALYSES FOR INORGANIC CONSTITUENTS, 2006
BOEING SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well Identifier			RD-59A	RD-59B	RD-59C	RD-66	RD-68A	RD-68B	RD-70
Sample Port			---	---	---	---	---	---	---
Sample Date			08/23/06	02/22/06	02/22/06	02/21/06	02/23/06	02/23/06	02/03/06
Sample Type			Primary	Primary	Primary	Primary	Primary	Primary	Primary
Laboratory			TA	DMA	DMA	DMA	DMA	DMA	DMA
Compound	Units	MCL							
Calcium	mg/l	NA	97	61	40	160	27	69	100
Magnesium	mg/l	NA	28	17	13	30	18	19	32
Potassium	mg/l	NA	3.8	2.7	2.2	3	3.5	3.4	4.2
Sodium	mg/l	NA	93	95	130	61	75	93	64
Alkalinity as CaCO3	mg/l	NA	---	---	---	---	---	---	---
Bicarbonate	mg/l	NA	360	310	320	410	220	340	370
Carbonate	mg/l	NA	1.2 U	1.2 U	1.2 U	1.2 U	2.4	1.2 U	1.2 U
Bromide	mg/l	NA	---	---	---	---	---	---	---
Chloride	mg/l	250, 500, 600 SMCL	50	37	34	66	37	30	43
Fluoride	mg/l	2.0	---	---	---	---	---	---	---
Nitrate-NO3	mg/l	45	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U
Nitrite-N	mg/l	1.0	---	---	---	---	---	---	---
Sulfate	mg/l	250, 500, 600 SMCL	200	110	110	180 J	61	110	170
Total Dissolved Solids	mg/l	500, 1000, 1500 SMCL	620	460	480	650	340	500	590
pH	pH units	6.5-8.5 SMCL	7.42	7.62 J	7.78 J	7	8.29 J	7.46 J	7.09
Specific Conductance	umhos/cm	900, 1600, 2200 SMCL	1000	810	800	1100	620	860	1000
Delta Deuterium	per mil	NA	---	---	---	---	---	---	---
Delta Deuterium Reanalysis 1	per mil	NA	---	---	---	---	---	---	---
Delta Deuterium Reanalysis 2	per mil	NA	---	---	---	---	---	---	---
Delta Oxygen-18	per mil	NA	---	---	---	---	---	---	---
Delta Oxygen-18 Reanalysis 1	per mil	NA	---	---	---	---	---	---	---
Delta Oxygen-18 Reanalysis 2	per mil	NA	---	---	---	---	---	---	---

See last page of Table XIII for notes and abbreviations.

TABLE XIII
SUMMARY OF ANALYSES FOR INORGANIC CONSTITUENTS, 2006
BOEING SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well Identifier			RD-71	RD-73	RD-73	RD-73	RD-73	RD-75	RD-77
Sample Port			---	---	---	---	---	---	---
Sample Date			02/22/06	02/15/06	05/09/06	08/17/06	11/02/06	02/14/06	02/08/06
Sample Type			Primary	Primary	Primary	Primary	Primary	Primary	Primary
Laboratory			DMA	DMA	DMA	TA	TA	DMA	DMA
Compound	Units	MCL							
Calcium	mg/l	NA	92	---	---	---	---	160	52
Magnesium	mg/l	NA	18	---	---	---	---	87	10
Potassium	mg/l	NA	2.3	---	---	---	---	4.8	1.7
Sodium	mg/l	NA	51	---	---	---	---	69	35
Alkalinity as CaCO3	mg/l	NA	---	---	---	---	---	---	---
Bicarbonate	mg/l	NA	410	---	---	---	---	430	140
Carbonate	mg/l	NA	1.2 U	---	---	---	---	1.2 U	1.2 U
Bromide	mg/l	NA	---	1.9	2.1	1.7	1.9	---	0.35 U
Chloride	mg/l	250, 500, 600 SMCL	34	---	---	---	---	40	35
Fluoride	mg/l	2.0	---	---	---	---	---	---	---
Nitrate-NO3	mg/l	45	0.35 U	---	---	---	---	0.35 U	29
Nitrite-N	mg/l	1.0	---	---	---	---	---	---	---
Sulfate	mg/l	250, 500, 600 SMCL	41	---	---	---	---	510	56
Total Dissolved Solids	mg/l	500, 1000, 1500 SMCL	440	---	---	---	---	980	310
pH	pH units	6.5-8.5 SMCL	7.29 J	---	---	---	---	7.18 J	6.72 J
Specific Conductance	umhos/cm	900, 1600, 2200 SMCL	780	---	---	---	---	1600	540
Delta Deuterium	per mil	NA	---	---	---	---	---	---	---
Delta Deuterium Reanalysis 1	per mil	NA	---	---	---	---	---	---	---
Delta Deuterium Reanalysis 2	per mil	NA	---	---	---	---	---	---	---
Delta Oxygen-18	per mil	NA	---	---	---	---	---	---	---
Delta Oxygen-18 Reanalysis 1	per mil	NA	---	---	---	---	---	---	---
Delta Oxygen-18 Reanalysis 2	per mil	NA	---	---	---	---	---	---	---

See last page of Table XIII for notes and abbreviations.

TABLE XIII
SUMMARY OF ANALYSES FOR INORGANIC CONSTITUENTS, 2006
BOEING SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well Identifier			RD-77	RD-77	RD-77	RD-78	RD-80	RD-81	RD-82
Sample Port			---	---	---	---	---	---	---
Sample Date			05/09/06	08/17/06	11/02/06	02/15/06	02/15/06	02/15/06	02/23/06
Sample Type			Primary	Primary	Primary	Primary	Primary	Primary	Primary
Laboratory			DMA	TA	TA	DMA	DMA	DMA	DMA
Compound	Units	MCL							
Calcium	mg/l	NA	---	---	---	190	230	140	110
Magnesium	mg/l	NA	---	---	---	37	47	55	41
Potassium	mg/l	NA	---	---	---	4	5.7	6.5	4.1
Sodium	mg/l	NA	---	---	---	66	60	89	74
Alkalinity as CaCO3	mg/l	NA	---	---	---	---	---	---	---
Bicarbonate	mg/l	NA	---	---	---	400	440	440	410
Carbonate	mg/l	NA	---	---	---	1.2 U	1.2 U	1.2 U	1.2 U
Bromide	mg/l	NA	0.35 U	0.35 U	0.41 J	---	---	---	---
Chloride	mg/l	250, 500, 600 SMCL	---	---	---	83	38	60	54
Fluoride	mg/l	2.0	---	---	---	---	---	---	---
Nitrate-NO3	mg/l	45	---	---	---	0.35 U	0.35 U	0.35 U	0.35 U
Nitrite-N	mg/l	1.0	---	---	---	---	---	---	---
Sulfate	mg/l	250, 500, 600 SMCL	---	---	---	410	890	300	180
Total Dissolved Solids	mg/l	500, 1000, 1500 SMCL	---	---	---	880	880	810	610
pH	pH units	6.5-8.5 SMCL	---	---	---	6.93 J	7.07 J	7.02	7.07 J
Specific Conductance	umhos/cm	900, 1600, 2200 SMCL	---	---	---	1400	1600	1500	1100
Delta Deuterium	per mil	NA	---	---	---	---	---	---	---
Delta Deuterium Reanalysis 1	per mil	NA	---	---	---	---	---	---	---
Delta Deuterium Reanalysis 2	per mil	NA	---	---	---	---	---	---	---
Delta Oxygen-18	per mil	NA	---	---	---	---	---	---	---
Delta Oxygen-18 Reanalysis 1	per mil	NA	---	---	---	---	---	---	---
Delta Oxygen-18 Reanalysis 2	per mil	NA	---	---	---	---	---	---	---

See last page of Table XIII for notes and abbreviations.

TABLE XIII
SUMMARY OF ANALYSES FOR INORGANIC CONSTITUENTS, 2006
BOEING SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well Identifier			RD-83	RD-84	RD-86	RD-92	HAR-24	HAR-24	HAR-24
Sample Port			---	---	---	---	---	---	---
Sample Date			02/20/06	02/08/06	03/16/06	03/16/06	02/08/06	05/23/06	08/30/06
Sample Type			Primary	Primary	Primary	Primary	Primary	Primary	Primary
Laboratory			DMA	DMA	DMA	DMA	DMA	DMA	TA
Compound	Units	MCL							
Calcium	mg/l	NA	150	140	---	---	---	---	---
Magnesium	mg/l	NA	47	20	---	---	---	---	---
Potassium	mg/l	NA	5.3	2.2	---	---	---	---	---
Sodium	mg/l	NA	78	71	---	---	---	---	---
Alkalinity as CaCO3	mg/l	NA	---	---	---	---	---	---	---
Bicarbonate	mg/l	NA	340	370	---	---	---	---	---
Carbonate	mg/l	NA	1.2 U	1.2 U	---	---	---	---	---
Bromide	mg/l	NA	---	---	---	---	0.69	0.35 U	0.6
Chloride	mg/l	250, 500, 600 SMCL	44	120	---	---	---	---	---
Fluoride	mg/l	2.0	---	---	0.56	0.37 J	---	---	---
Nitrate-NO3	mg/l	45	0.35 U	24	---	---	---	---	---
Nitrite-N	mg/l	1.0	---	---	---	---	---	---	---
Sulfate	mg/l	250, 500, 600 SMCL	390 J	80	200	29	---	---	---
Total Dissolved Solids	mg/l	500, 1000, 1500 SMCL	680	640	---	---	---	---	---
pH	pH units	6.5-8.5 SMCL	7.32	6.91 J	---	---	---	---	---
Specific Conductance	umhos/cm	900, 1600, 2200 SMCL	1300	1200	---	---	---	---	---
Delta Deuterium	per mil	NA	---	---	---	---	---	---	---
Delta Deuterium Reanalysis 1	per mil	NA	---	---	---	---	---	---	---
Delta Deuterium Reanalysis 2	per mil	NA	---	---	---	---	---	---	---
Delta Oxygen-18	per mil	NA	---	---	---	---	---	---	---
Delta Oxygen-18 Reanalysis 1	per mil	NA	---	---	---	---	---	---	---
Delta Oxygen-18 Reanalysis 2	per mil	NA	---	---	---	---	---	---	---

See last page of Table XIII for notes and abbreviations.

TABLE XIII
SUMMARY OF ANALYSES FOR INORGANIC CONSTITUENTS, 2006
BOEING SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well Identifier			HAR-24	HAR-25	HAR-25	HAR-25	HAR-25	WS-04A	WS-09B
Sample Port			---	---	---	---	---	---	---
Sample Date			11/07/06	02/09/06	05/10/06	08/30/06	11/07/06	02/23/06	05/23/06
Sample Type			Primary	Primary	Primary	Primary	Primary	Primary	Primary
Laboratory			TA	DMA	DMA	TA	TA	DMA	TA
Compound	Units	MCL							
Calcium	mg/l	NA	---	---	---	---	---	150	130
Magnesium	mg/l	NA	---	---	---	---	---	34	45
Potassium	mg/l	NA	---	---	---	---	---	3.9	5.6
Sodium	mg/l	NA	---	---	---	---	---	47	61
Alkalinity as CaCO3	mg/l	NA	---	---	---	---	---	---	---
Bicarbonate	mg/l	NA	---	---	---	---	---	300	460
Carbonate	mg/l	NA	---	---	---	---	---	1.2 U	1.2 U
Bromide	mg/l	NA	0.4 J	0.35 U	0.35 U	0.35 U	0.35 U	---	---
Chloride	mg/l	250, 500, 600 SMCL	---	---	---	---	---	30	52
Fluoride	mg/l	2.0	---	---	---	---	---	---	---
Nitrate-NO3	mg/l	45	---	---	---	---	---	0.35 U	0.35 U
Nitrite-N	mg/l	1.0	---	---	---	---	---	---	---
Sulfate	mg/l	250, 500, 600 SMCL	---	---	---	---	---	310	190
Total Dissolved Solids	mg/l	500, 1000, 1500 SMCL	---	---	---	---	---	610	740
pH	pH units	6.5-8.5 SMCL	---	---	---	---	---	7.18 J	6.95 J
Specific Conductance	umhos/cm	900, 1600, 2200 SMCL	---	---	---	---	---	1200	1200
Delta Deuterium	per mil	NA	---	---	---	---	---	---	---
Delta Deuterium Reanalysis 1	per mil	NA	---	---	---	---	---	---	---
Delta Deuterium Reanalysis 2	per mil	NA	---	---	---	---	---	---	---
Delta Oxygen-18	per mil	NA	---	---	---	---	---	---	---
Delta Oxygen-18 Reanalysis 1	per mil	NA	---	---	---	---	---	---	---
Delta Oxygen-18 Reanalysis 2	per mil	NA	---	---	---	---	---	---	---

See last page of Table XIII for notes and abbreviations.

TABLE XIII
SUMMARY OF ANALYSES FOR INORGANIC CONSTITUENTS, 2006
BOEING SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well Identifier			WS-12	WS-13	WS-14	OS-02	OS-03	OS-04	OS-09
Sample Port			---	---	---	---	---	---	---
Sample Date			02/08/06	02/08/06	02/06/06	02/22/06	02/22/06	02/22/06	02/23/06
Sample Type			Primary	Primary	Primary	Primary	Primary	Primary	Primary
Laboratory			DMA	DMA	DMA	DMA	DMA	DMA	DMA
Compound	Units	MCL							
Calcium	mg/l	NA	91	81	98	9.7	56	110	3.3
Magnesium	mg/l	NA	28	29	24	3.1	15	27	1.8
Potassium	mg/l	NA	4	3.7	3.5	1.3	2.6	4.1	1.2
Sodium	mg/l	NA	70	81	57	180	100	83	200
Alkalinity as CaCO3	mg/l	NA	---	---	---	---	---	---	---
Bicarbonate	mg/l	NA	370	360	320	330	310	370	320
Carbonate	mg/l	NA	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	4.8
Bromide	mg/l	NA	---	---	---	---	---	---	---
Chloride	mg/l	250, 500, 600 SMCL	37	40	62	28	36	43	26
Fluoride	mg/l	2.0	---	---	---	---	---	---	---
Nitrate-NO3	mg/l	45	0.35 U	0.35 U	0.35 U	0.6	0.35 U	0.35 U	0.35 U
Nitrite-N	mg/l	1.0	---	---	---	---	---	---	---
Sulfate	mg/l	250, 500, 600 SMCL	150	150	130	86	110	190	130
Total Dissolved Solids	mg/l	500, 1000, 1500 SMCL	570	570	520	490	420	590	510
pH	pH units	6.5-8.5 SMCL	7.23 J	7.52 J	7.3	8.31 J	7.68 J	7.2 J	8.62 J
Specific Conductance	umhos/cm	900, 1600, 2200 SMCL	970	970	930	780	820	1000	920
Delta Deuterium	per mil	NA	---	---	---	---	---	---	-55.3
Delta Deuterium Reanalysis 1	per mil	NA	---	---	---	---	---	---	-54.8
Delta Deuterium Reanalysis 2	per mil	NA	---	---	---	---	---	---	-55.4
Delta Oxygen-18	per mil	NA	---	---	---	---	---	---	-7.52
Delta Oxygen-18 Reanalysis 1	per mil	NA	---	---	---	---	---	---	-7.53
Delta Oxygen-18 Reanalysis 2	per mil	NA	---	---	---	---	---	---	-7.48

See last page of Table XIII for notes and abbreviations.

TABLE XIII
SUMMARY OF ANALYSES FOR INORGANIC CONSTITUENTS, 2006
BOEING SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well Identifier			OS-09	OS-09	OS-09R	OS-09R	OS-09R	OS-09R	OS-09R
Sample Port			---	---	P01	P02	P03	P04	P04
Sample Date			05/23/06	11/15/06	07/27/06	07/27/06	07/27/06	07/27/06	07/27/06
Sample Type			Primary	Primary	Primary	Primary	Primary	Primary	Dup
Laboratory			DMA	TA	TA	TA	TA	TA	TA
Compound	Units	MCL							
Calcium	mg/l	NA	3.1	3.2	3	3	3.7	3.3	2.9
Magnesium	mg/l	NA	1.9	1.8	1.7	2.1	2.3	1.9	2.1
Potassium	mg/l	NA	1.2	1.4	1.2	1.7	1.3	0.8	0.89
Sodium	mg/l	NA	180	200	200	200	200	190	200
Alkalinity as CaCO3	mg/l	NA	---	---	290	270	260	260	260
Bicarbonate	mg/l	NA	300	310	---	---	---	---	---
Carbonate	mg/l	NA	14	4.8	---	---	---	---	---
Bromide	mg/l	NA	---	---	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U
Chloride	mg/l	250, 500, 600 SMCL	26	26	24	24	24	24	24
Fluoride	mg/l	2.0	---	---	0.41 J	0.39 J	0.36 J	0.34 J	0.37 J
Nitrate-NO3	mg/l	45	0.35 U	0.35 U	0.66 U	0.66 U	0.66 U	0.66 U	0.66 U
Nitrite-N	mg/l	1.0	---	---	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U
Sulfate	mg/l	250, 500, 600 SMCL	120	120	110	120	130	130	130
Total Dissolved Solids	mg/l	500, 1000, 1500 SMCL	530	530	---	---	---	---	---
pH	pH units	6.5-8.5 SMCL	8.29 J	8.61	---	---	---	---	---
Specific Conductance	umhos/cm	900, 1600, 2200 SMCL	900	890	---	---	---	---	---
Delta Deuterium	per mil	NA	-51.2	-49.8	---	---	---	---	---
Delta Deuterium Reanalysis 1	per mil	NA	-51.4	-48.0	---	---	---	---	---
Delta Deuterium Reanalysis 2	per mil	NA	-52.6	---	---	---	---	---	---
Delta Oxygen-18	per mil	NA	-7.43	-7.42	---	---	---	---	---
Delta Oxygen-18 Reanalysis 1	per mil	NA	-7.48	-7.39	---	---	---	---	---
Delta Oxygen-18 Reanalysis 2	per mil	NA	-7.51	---	---	---	---	---	---

See last page of Table XIII for notes and abbreviations.

TABLE XIII
SUMMARY OF ANALYSES FOR INORGANIC CONSTITUENTS, 2006
BOEING SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well Identifier			OS-09R	OS-09R	OS-09R	OS-09R	OS-09R	OS-09R	OS-09R
Sample Port			P05	P06	P07	P08	P09	P10	P11
Sample Date			07/27/06	07/27/06	07/27/06	07/27/06	07/27/06	07/26/06	07/26/06
Sample Type			Primary	Primary	Primary	Primary	Primary	Primary	Primary
Laboratory			TA	TA	TA	TA	TA	TA	TA
Compound	Units	MCL							
Calcium	mg/l	NA	3.4	3	3.6	2.9	3.1	3.9	3.9
Magnesium	mg/l	NA	2.2	2	1.9	1.7	1.7	1.2	1.1
Potassium	mg/l	NA	0.94	0.93	0.87	0.96	0.88	0.9	0.94
Sodium	mg/l	NA	200	200	190	190	190	170	170
Alkalinity as CaCO3	mg/l	NA	260	260	260	290	260	260	250
Bicarbonate	mg/l	NA	---	---	---	---	---	---	---
Carbonate	mg/l	NA	---	---	---	---	---	---	---
Bromide	mg/l	NA	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	1.0 U	1.0 U
Chloride	mg/l	250, 500, 600 SMCL	29	25	24	24	24	26	26
Fluoride	mg/l	2.0	0.33 J	0.32 J	0.32 J	0.37 J	0.39 J	0.43 J	0.46 J
Nitrate-NO3	mg/l	45	0.66 U	0.66 U	0.66 U	0.66 U	0.53 J	0.35 U	0.35 U
Nitrite-N	mg/l	1.0	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U
Sulfate	mg/l	250, 500, 600 SMCL	130	130	120	110	100	67	65
Total Dissolved Solids	mg/l	500, 1000, 1500 SMCL	---	---	---	---	---	---	---
pH	pH units	6.5-8.5 SMCL	---	---	---	---	---	---	---
Specific Conductance	umhos/cm	900, 1600, 2200 SMCL	---	---	---	---	---	---	---
Delta Deuterium	per mil	NA	---	---	---	---	---	---	---
Delta Deuterium Reanalysis 1	per mil	NA	---	---	---	---	---	---	---
Delta Deuterium Reanalysis 2	per mil	NA	---	---	---	---	---	---	---
Delta Oxygen-18	per mil	NA	---	---	---	---	---	---	---
Delta Oxygen-18 Reanalysis 1	per mil	NA	---	---	---	---	---	---	---
Delta Oxygen-18 Reanalysis 2	per mil	NA	---	---	---	---	---	---	---

See last page of Table XIII for notes and abbreviations.

TABLE XIII
SUMMARY OF ANALYSES FOR INORGANIC CONSTITUENTS, 2006
BOEING SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well Identifier			OS-09R	OS-09R	OS-09R	OS-09R	OS-09R	OS-10	OS-16
Sample Port			P12	P13	P14	P15	P16	---	---
Sample Date			07/26/06	07/26/06	07/26/06	07/26/06	07/26/06	02/23/06	02/27/06
Sample Type			Primary	Primary	Primary	Primary	Primary	Primary	Primary
Laboratory			TA	TA	TA	TA	TA	DMA	DMA
Compound	Units	MCL							
Calcium	mg/l	NA	4	4.2	4.7	5.4	6.4	5.1	190
Magnesium	mg/l	NA	1.1	1	1.1	1.2	1.2	1.4	35
Potassium	mg/l	NA	0.87	0.63	0.73	0.84	0.98	1.2	4.1
Sodium	mg/l	NA	170	160	160	180	180	170	76
Alkalinity as CaCO3	mg/l	NA	260	260	250	230	230	---	---
Bicarbonate	mg/l	NA	---	---	---	---	---	310	490
Carbonate	mg/l	NA	---	---	---	---	---	4.8	1.2 U
Bromide	mg/l	NA	1.0 U	1.0 U	0.70 U	0.35 U	0.35 U	---	---
Chloride	mg/l	250, 500, 600 SMCL	26	26	26	25	25	20	120
Fluoride	mg/l	2.0	0.46 J	0.46 J	0.46 J	0.46 J	0.43 J	---	---
Nitrate-NO3	mg/l	45	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	3.8
Nitrite-N	mg/l	1.0	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	---	---
Sulfate	mg/l	250, 500, 600 SMCL	65	66	75	110	130	68	260
Total Dissolved Solids	mg/l	500, 1000, 1500 SMCL	---	---	---	---	---	560	930
pH	pH units	6.5-8.5 SMCL	---	---	---	---	---	8.4 J	6.87
Specific Conductance	umhos/cm	900, 1600, 2200 SMCL	---	---	---	---	---	740	1500
Delta Deuterium	per mil	NA	---	---	---	---	---	---	---
Delta Deuterium Reanalysis 1	per mil	NA	---	---	---	---	---	---	---
Delta Deuterium Reanalysis 2	per mil	NA	---	---	---	---	---	---	---
Delta Oxygen-18	per mil	NA	---	---	---	---	---	---	---
Delta Oxygen-18 Reanalysis 1	per mil	NA	---	---	---	---	---	---	---
Delta Oxygen-18 Reanalysis 2	per mil	NA	---	---	---	---	---	---	---

See last page of Table XIII for notes and abbreviations.

TABLE XIII
SUMMARY OF ANALYSES FOR INORGANIC CONSTITUENTS, 2006
BOEING SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well Identifier			OS-17	OS-26	OS-27	OS-28
Sample Port			---	---	---	---
Sample Date			02/21/06	02/27/06	08/31/06	02/21/06
Sample Type			Primary	Primary	Primary	Primary
Laboratory			DMA	DMA	TA	DMA
Compound	Units	MCL				
Calcium	mg/l	NA	110	120	120	130
Magnesium	mg/l	NA	57	59	31	65
Potassium	mg/l	NA	5	4	3.5	4.8
Sodium	mg/l	NA	69	61	54	74
Alkalinity as CaCO3	mg/l	NA	---	---	---	---
Bicarbonate	mg/l	NA	450	390	410	420
Carbonate	mg/l	NA	1.2 U	1.2 U	1.2 U	1.2 U
Bromide	mg/l	NA	---	---	---	---
Chloride	mg/l	250, 500, 600 SMCL	50	62	40	58
Fluoride	mg/l	2.0	---	---	---	---
Nitrate-NO3	mg/l	45	0.35 U	0.35 U	0.35 U	0.35 U
Nitrite-N	mg/l	1.0	---	---	---	---
Sulfate	mg/l	250, 500, 600 SMCL	200 J	260	150	310 J
Total Dissolved Solids	mg/l	500, 1000, 1500 SMCL	600	600	650	720
pH	pH units	6.5-8.5 SMCL	7.1	7.09	7.39	7.2
Specific Conductance	umhos/cm	900, 1600, 2200 SMCL	1200	1200	980	1300
Delta Deuterium	per mil	NA	---	---	---	---
Delta Deuterium Reanalysis 1	per mil	NA	---	---	---	---
Delta Deuterium Reanalysis 2	per mil	NA	---	---	---	---
Delta Oxygen-18	per mil	NA	---	---	---	---
Delta Oxygen-18 Reanalysis 1	per mil	NA	---	---	---	---
Delta Oxygen-18 Reanalysis 2	per mil	NA	---	---	---	---

See last page of Table XIII for notes and abbreviations.

TABLE XIII

NOTES AND ABBREVIATIONS

1.	DMA	=	Del Mar Analytical of Irvine, California.
2.	TA	=	TestAmerica of Irvine, California, formerly Del Mar Analytical.
3.	MCL	=	Maximum Contaminant Level, California primary drinking water standard.
4.	NA	=	Not applicable; no MCL promulgated.
5.	SMCL	=	California DHS Secondary Drinking Water MCL Ranges: Recommended, Upper, and Short Term.
6.	(---)	=	Analysis not performed.
7.	Primary	=	Primary sample.
8.	Dup	=	Duplicate Sample
9.	mg/l	=	Milligrams per liter.
10.	per mil	=	Parts per thousand.
11.	umhos/cm	=	Micromhos per centimeter.
12.	J	=	Estimated value. Analyte detected at a level less than the Reporting Limit (RL) and greater than or equal to the Method Detection Limit (MDL), or concentration estimated due to analytical quality control deficiencies (See Appendix D for details.)
13.	P	=	Westbay sample port number.
14.	U	=	Not detected; numerical value represents the Method Detection Limit for that compound.

15. Well OS-09 has been also referred to as Brandeis-Bardin Institute "Bathtub Well No. 1".
16. MCLs and SMCLs are listed by the California Department of Health Services (2006) at http://www.dhs.ca.gov/ps/ddwem/chemicals/chemindex.htm
17. G.G Hatch Laboratories of Ottawa, Ontario performed oxygen-18 and deuterium isotope analyses using mass spectroscopy.
18. Calcium, magnesium, potassium, and sodium samples were filtered and acidified in the field and were analyzed using EPA method 6010B.
19. Alkalinity as CaCO3, bicarbonate and carbonate samples were analyzed using EPA method SM2320B.
20. Bromide, chloride, fluoride, nitrate-NO3, nitrite-N and sulfate samples were analyzed using EPA method 300.0.
21. Total dissolved solids, pH, and specific conductance samples were analyzed using EPA methods 160.1, 150.1, and 120.1, respectively.

TABLE XIV

SUMMARY OF ANALYSES FOR 1,2,3-TRICHLOROPROPANE, 2006
BOEING SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well Identifier	Sample Date	Sample Type	1,2,3-Trichloropropane (ug/l)	Laboratory
Shallow Wells				
SH-03	05/11/06	Primary	0.015	DMA
SH-03	05/11/06	Dup	0.007	DMA
SH-04	05/10/06	Primary	0.0039 J	TA
SH-04	05/10/06	Dup	0.0038 J	TA
SH-10	05/11/06	Primary	0.0024 J	DMA
SH-10	05/11/06	Dup	0.0037 J	DMA
RS-07	05/11/06	Primary	0.0017 U	DMA
RS-08	05/09/06	Primary	0.0043 J	TA
RS-12	05/11/06	Primary	0.0017 U	DMA
RS-14	05/11/06	Primary	0.0017 U	DMA
RS-31	05/11/06	Primary	0.0017 U	DMA
RS-32	05/11/06	Primary	0.014	DMA
RS-32	05/11/06	Dup	0.0017 R	DMA
ES-17	05/19/06	Primary	0.0017 U	DMA
ES-21	05/31/06	Primary	0.0017 U	TA
HAR-02	05/15/06	Primary	0.0017 U	DMA
HAR-03	05/15/06	Primary	0.0017 U	DMA
HAR-14	05/08/06	Primary	0.0017 U	DMA
HAR-15	05/05/06	Primary	0.0025 J	TA
HAR-15	09/01/06	Primary	0.0017 U	TA
HAR-15	09/01/06	Dup	0.0017 U	TA
Chatsworth Formation Wells				
RD-01	05/08/06	Primary	0.004 U	DMA
RD-01	05/08/06	Dup	0.0043 U	DMA
RD-02	05/08/06	Primary	0.0017 U	DMA
RD-49B	05/11/06	Primary	0.0017 U	DMA
HAR-01	05/18/06	Primary	0.0023 J	DMA
HAR-01	05/18/06	Dup	0.0017 U	DMA
HAR-01	05/18/06	Split	0.0015 U	Weck
HAR-07	05/11/06	Primary	0.0017 U	TA
HAR-16	05/10/06	Primary	0.011	TA
HAR-16	05/10/06	Dup	0.0061 UJ	TA
HAR-16	05/10/06	Dup	0.0097	DMA
HAR-17	05/10/06	Primary	0.0020 J	TA
HAR-17	09/01/06	Primary	0.0017 U	TA
HAR-17	09/01/06	Dup	0.0017 U	TA
HAR-24	05/23/06	Primary	0.0017 U	DMA
HAR-25	05/10/06	Primary	0.0017 UJ	DMA

See last page of Table XIV for notes and abbreviations.

TABLE XIV
NOTES AND ABBREVIATIONS

1. DMA = Del Mar Analytical of Irvine, California.
2. TA = TestAmerica of Irvine, California, formerly Del Mar Analytical.
3. Weck = Weck Laboratories of City of Industry, California.
4. Primary = Primary sample.
5. Dup = Duplicate sample.
6. Split = Split sample.
7. ug/l = micrograms per liter.
8. J = Estimated value. Analyte detected at a level less than the Reporting Limit (RL) and greater than or equal to the Method Detection Limit (MDL).
9. R = Rejected result (see Appendix D for details).
10. U = Not detected; numerical value represents the Method Detection Limit for that compound.
11. UJ = Not detected. Estimated detection limit as a result of analytical quality control deficiencies (see Appendix D for details).
12. 1,2,3-Trichloropropane analyzed by low-level method SRL 524M-TCP. Primary and duplicate samples were analyzed by TestAmerica (formerly Del Mar Analytical) of Irvine, California. Split samples were analyzed by Weck Laboratories of City of Industry, California.

TABLE XV

SUMMARY OF ANALYSES FOR POLYCHLORINATED BIPHENYLS AND DIOXINS
RCRA FACILITY INVESTIGATIONS, 2006
BOEING SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well Identifier				PZ-020	PZ-045	PZ-056	PZ-096	RD-14	RD-35A	RD-45B	RD-73
Sample Type				Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Sample Date				08/18/06	08/17/06	03/16/06	08/17/06	03/16/06	08/11/06	11/16/06	08/17/06
Laboratory				Alta	Alta	DMA	Alta	DMA	TA	TA	TA
Compound	Units	MCL	Method								
1,2,3,4,6,7,8-HpCDD	pg/l	NA	8290	1.85 U	0.711 U	11.6 J	2.95 J	1.82 U	---	1.95 U	---
1,2,3,4,6,7,8-HpCDF	pg/l	NA	8290	1.03 U	0.585 U	4.01 J	2.24 UJ	1.04 U	---	1.63 U	---
1,2,3,4,7,8,9-HpCDF	pg/l	NA	8290	0.914 U	0.677 U	0.708 U	2.23 U	1.53 U	---	1.30 U	---
1,2,3,4,7,8-HxCDD	pg/l	NA	8290	1.38 U	1.46 U	0.968 U	3.88 U	1.32 U	---	2.06 U	---
1,2,3,4,7,8-HxCDF	pg/l	NA	8290	0.644 U	0.328 U	0.646 U	1.29 UJ	0.632 U	---	0.986 U	---
1,2,3,6,7,8-HxCDD	pg/l	NA	8290	1.36 U	0.672 U	0.989 U	5.13 U	1.36 U	---	2.49 U	---
1,2,3,6,7,8-HxCDF	pg/l	NA	8290	0.629 U	0.316 U	0.662 U	1.10 UJ	0.621 U	---	1.03 U	---
1,2,3,7,8,9-HxCDD	pg/l	NA	8290	1.32 U	0.674 U	0.946 U	4.93 U	1.3 U	---	2.21 U	---
1,2,3,7,8,9-HxCDF	pg/l	NA	8290	0.734 U	0.588 U	0.767 U	1.98 U	1.03 U	---	1.51 U	---
1,2,3,7,8-PeCDD	pg/l	NA	8290	1.76 U	0.646 U	2.94 U	1.70 U	1.14 U	---	1.53 U	---
1,2,3,7,8-PeCDF	pg/l	NA	8290	1.96 U	0.519 U	1.26 U	1.35 U	1.51 U	---	1.68 U	---
2,3,4,6,7,8-HxCDF	pg/l	NA	8290	0.712 U	0.366 U	0.589 U	1.02 U	0.644 U	---	1.12 U	---
2,3,4,7,8-PeCDF	pg/l	NA	8290	1.88 U	0.508 U	1.62 U	1.34 U	1.52 U	---	1.51 U	---
2,3,7,8-TCDF	pg/l	NA	8290	0.98 U	0.423 U	0.898 U	1.91 U	0.856 U	---	1.09 U	---
OCDD	pg/l	NA	8290	2.21 J	2.29 U	96.5	3.87 UJ	3.19 U	---	6.65 U	---
OCDF	pg/l	NA	8290	1.82 U	1.45 U	8.44 J	4.11 UJ	3.31 U	---	4.84 U	---
2,3,7,8-TCDD	pg/l	30	8290	0.928 U	0.473 U	0.650 U	0.808 U	1.05 U	---	1.61 U	---
2,3,7,8-TCDD TEQ (2005)	pg/l	30	8290	0.000663 J	1.791 U	0.188	0.0295 J	3.51 U	---	4.95 U	---
Aroclor 1016	ug/l	0.5 (total)	8082	---	---	---	---	0.19 U	0.19 U	0.19 U	0.19 U
Aroclor 1221	ug/l	0.5 (total)	8082	---	---	---	---	0.094 U	0.095 U	0.094 U	0.095 U
Aroclor 1232	ug/l	0.5 (total)	8082	---	---	---	---	0.24 U	0.24 U	0.24 U	0.24 U
Aroclor 1242	ug/l	0.5 (total)	8082	---	---	---	---	0.24 U	0.24 U	0.24 U	0.24 U
Aroclor 1248	ug/l	0.5 (total)	8082	---	---	---	---	0.24 U	0.24 U	0.24 U	0.24 U
Aroclor 1254	ug/l	0.5 (total)	8082	---	---	---	---	0.24 U	0.24 U	0.24 U	0.24 U
Aroclor 1260	ug/l	0.5 (total)	8082	---	---	---	---	0.38 U	0.38 U	0.38 U	0.38 U

See last page of Table XV for notes and abbreviations.

TABLE XV

SUMMARY OF ANALYSES FOR POLYCHLORINATED BIPHENYLS AND DIOXINS
RCRA FACILITY INVESTIGATIONS, 2006
BOEING SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well Identifier				RD-77	RD-83	HAR-19	HAR-19	HAR-24	HAR-24	HAR-25
Sample Type				Primary	Primary	Primary	Primary	Primary	Primary	Primary
Sample Date				08/17/06	05/25/06	05/23/06	11/15/06	08/30/06	11/07/06	08/30/06
Laboratory				TA	Alta	TA	Alta	Alta	TA	TA
Compound	Units	MCL	Method							
1,2,3,4,6,7,8-HpCDD	pg/l	NA	8290	---	0.704 U	---	3.90 U	1.21 U	---	---
1,2,3,4,6,7,8-HpCDF	pg/l	NA	8290	---	0.456 U	---	1.51 U	0.897 U	---	---
1,2,3,4,7,8,9-HpCDF	pg/l	NA	8290	---	0.495 U	---	1.14 U	0.69 U	---	---
1,2,3,4,7,8-HxCDD	pg/l	NA	8290	---	0.533 U	---	1.41 U	0.859 U	---	---
1,2,3,4,7,8-HxCDF	pg/l	NA	8290	---	0.353 U	---	0.761 U	0.436 U	---	---
1,2,3,6,7,8-HxCDD	pg/l	NA	8290	---	0.556 U	---	1.55 U	0.826 U	---	---
1,2,3,6,7,8-HxCDF	pg/l	NA	8290	---	0.316 U	---	0.797 U	0.417 U	---	---
1,2,3,7,8,9-HxCDD	pg/l	NA	8290	---	0.548 U	---	1.44 U	0.811 U	---	---
1,2,3,7,8,9-HxCDF	pg/l	NA	8290	---	0.534 U	---	1.17 U	0.810 U	---	---
1,2,3,7,8-PeCDD	pg/l	NA	8290	---	0.568 U	---	1.99 U	0.638 U	---	---
1,2,3,7,8-PeCDF	pg/l	NA	8290	---	0.519 U	---	1.56 U	0.591 U	---	---
2,3,4,6,7,8-HxCDF	pg/l	NA	8290	---	0.346 U	---	0.928 U	0.498 U	---	---
2,3,4,7,8-PeCDF	pg/l	NA	8290	---	0.503 U	---	1.60 U	0.554 U	---	---
2,3,7,8-TCDF	pg/l	NA	8290	---	0.704 U	---	1.48 U	0.588 U	---	---
OCDD	pg/l	NA	8290	---	1.75 U	---	6.58 J	5.48 U	---	---
OCDF	pg/l	NA	8290	---	1.22 U	---	4.12 U	1.37 U	---	---
2,3,7,8-TCDD	pg/l	30	8290	---	0.567 U	---	1.69 U	0.962 U	---	---
2,3,7,8-TCDD TEQ (2005)	pg/l	30	8290	---	1.71 U	---	0.00197 J	2.338 U	---	---
Aroclor 1016	ug/l	0.5 (total)	8082	0.19 U	---	0.19 U	---	---	0.19 U	0.19 U
Aroclor 1221	ug/l	0.5 (total)	8082	0.094 U	---	0.094 U	---	---	0.096 U	0.095 U
Aroclor 1232	ug/l	0.5 (total)	8082	0.24 U	---	0.24 U	---	---	0.24 U	0.24 U
Aroclor 1242	ug/l	0.5 (total)	8082	0.24 U	---	0.24 U	---	---	0.24 U	0.24 U
Aroclor 1248	ug/l	0.5 (total)	8082	0.24 U	---	0.24 U	---	---	0.24 U	0.24 U
Aroclor 1254	ug/l	0.5 (total)	8082	0.24 U	---	0.24 U	---	---	0.24 U	0.24 U
Aroclor 1260	ug/l	0.5 (total)	8082	0.38 U	---	0.38 U	---	---	0.38 U	0.38 U

See last page of Table XV for notes and abbreviations.

TABLE XV
NOTES AND ABBREVIATIONS

1. Alta = Alta Analytical Laboratory, Inc. of El Dorado Hills, California.
2. DMA = Del Mar Analytical Irvine, California
3. TA = TestAmerica of Irvine, California, formerly Del Mar Analytical.

4. Primary = Primary sample.

5. pg/l = Picograms per liter.
6. ug/l = Micrograms per liter.

7. U = Not detected; numerical value represents the Method Detection Limit for that compound.

8. MCL = Maximum Contaminant Level, California primary drinking water standard.

9. MCLs are listed by the California Department of Health Services (2006) at
   http://www.dhs.ca.gov/ps/ddwem/chemicals/chemindex.htm

10.

1,2,3,4,6,7,8-HpCDD	=	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin
1,2,3,4,6,7,8-HpCDF	=	1,2,3,4,6,7,8-Heptachlorodibenzofuran
1,2,3,4,7,8,9-HpCDF	=	1,2,3,4,7,8,9-Heptachlorodibenzofuran
1,2,3,4,7,8-HxCDD	=	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin
1,2,3,4,7,8-HxCDF	=	1,2,3,4,7,8-Hexachlorodibenzofuran
1,2,3,6,7,8-HxCDD	=	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin
1,2,3,6,7,8-HxCDF	=	1,2,3,6,7,8-Hexachlorodibenzofuran
1,2,3,7,8,9-HxCDD	=	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin
1,2,3,7,8,9-HxCDF	=	1,2,3,7,8,9-Hexachlorodibenzofuran
1,2,3,7,8-PeCDD	=	1,2,3,7,8-Pentachlorodibenzo-p-dioxin
1,2,3,7,8-PeCDF	=	1,2,3,7,8-Pentachlorodibenzofuran
2,3,4,6,7,8-HxCDF	=	2,3,4,6,7,8-Hexachlorodibenzofuran
2,3,4,7,8-PeCDF	=	2,3,4,7,8-Pentachlorodibenzofuran
2,3,7,8-TCDD	=	2,3,7,8-Tetrachlorodibenzo-p-dioxin
2,3,7,8-TCDD TEQ	=	2,3,7,8-Tetrachlorodibenzo-p-dioxin toxic equivalency
2,3,7,8-TCDF	=	2,3,7,8-Tetrachlorodibenzofuran
OCDD	=	1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin
OCDF	=	1,2,3,4,6,7,8,9-Octachlorodibenzofuran

11. 2005 TEFs (toxic equivalency factors) van den Berg et al., 2006.

TABLE XVI
SUMMARY OF EXTRACTION WELL WATER LEVELS AND FLOW RATES, 2006
BOEING SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Treatment System	Extraction Well	Water Level Measurement Date	Measuring Point Elevation (ft, MSL)	Depth to Water (feet)	Water Level Elevation (ft, MSL)	Average Monthly Flow Rate (gpm)	Average Quarterly Flow Rate (gpm)	Footnotes
Alfa ASU	WS-06	01/05/06	1932.72	NA	---	0		(1)
		02/01/06	1932.72	355.06	1577.66	0		
		03/02/06	1932.72	NA	---	0	0	(1)
		04/10/06	1932.72	NA	---	0		(1)
		05/02/06	1932.72	350.99	1581.73	0		
		06/05/06	1932.72	NA	---	0	0	(1)
		07/06/06	1932.72	NA	---	0		(1)
		08/02/06	1932.72	348.12	1584.60	0		
		09/08/06	1932.72	NA	---	0	0	(1)
		10/08/06	1932.72	NA	---	0		(1)
		10/25/06	1932.72	346.68	1586.04	0		
		12/01/06	1932.72	NA	---	0	0	(1)
Bravo ASU	ES-21	01/05/06	1769.62	NA	---	0		(1)
		01/30/06	1769.62	UTM	---	0		
		03/02/06	1769.62	NA	---	0	0	(1)
		04/10/06	1769.62	NA	---	0		(1)
		05/04/06	1769.62	10.95	1758.67	0		
		06/05/06	1769.62	NA	---	0	0	(1)
		07/06/06	1769.62	NA	---	0		(1)
		08/02/06	1769.62	14.65	1754.97	0		
		09/08/06	1769.62	NA	---	0	0	(1)
		10/08/06	1769.62	NA	---	0		(1)
		10/25/06	1769.62	17.29	1752.33	0		
		12/01/06	1769.62	NA	---	0	0	(1)
	ES-22	01/05/06	1770.93	NA	---	0		(1)
		01/30/06	1770.93	16.15	1754.78	0		
		03/02/06	1770.93	NA	---	0	0	(1)
		04/10/06	1770.93	NA	---	0		(1)
		05/04/06	1770.93	12.63	1758.30	0		
		06/05/06	1770.93	NA	---	0	0	(1)
		07/06/06	1770.93	NA	---	0		(1)
		08/02/06	1770.93	15.22	1755.71	0		
		09/08/06	1770.93	NA	---	0	0	(1)
		10/08/06	1770.93	NA	---	0		(1)
		10/25/06	1770.93	18.20	1752.73	0		
		12/01/06	1770.93	NA	---	0	0	(1)
	RD-04	01/05/06	1883.85	NA	---	0		(1)
		02/01/06	1883.85	304.63	1579.22	0		
		03/02/06	1883.85	NA	---	0	0	(1)
		04/10/06	1883.85	NA	---	0		(1)
		05/02/06	1883.85	301.94	1581.91	0		
		06/05/06	1883.85	NA	---	0	0	(1)
		07/06/06	1883.85	NA	---	0		(1)
		08/02/06	1883.85	298.09	1585.76	0		
		09/08/06	1883.85	NA	---	0	0	(1)
		10/08/06	1883.85	NA	---	0		(1)
		10/25/06	1883.85	295.92	1587.93	0		
		12/01/06	1883.85	NA	---	0	0	(1)

See last page of Table XVI for notes and abbreviations.

TABLE XVI
SUMMARY OF EXTRACTION WELL WATER LEVELS AND FLOW RATES, 2006
BOEING SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Treatment System	Extraction Well	Water Level Measurement Date	Measuring Point Elevation (ft, MSL)	Depth to Water (feet)	Water Level Elevation (ft, MSL)	Average Monthly Flow Rate (gpm)	Average Quarterly Flow Rate (gpm)	Footnotes
Bravo ASU (cont.)	RD-09	01/05/06	1768.20	NA	---	0		(1)
		01/30/06	1768.20	17.52	1750.68	0		
		03/02/06	1768.20	NA	---	0	0	(1)
		04/10/06	1768.20	NA	---	0		(1)
		05/04/06	1768.20	13.86	1754.34	0		
		06/05/06	1768.20	NA	---	0	0	(1)
		07/06/06	1768.20	NA	---	0		(1)
		08/02/06	1768.20	16.64	1751.56	0		
		09/08/06	1768.20	NA	---	0	0	(1)
		10/08/06	1768.20	NA	---	0		(1)
		10/25/06	1768.20	19.05	1749.15	0		
		12/01/06	1768.20	NA	---	0	0	(1)
	WS-09	01/05/06	1883.99	NA	---	0		(1)
		02/01/06	1883.99	302.73	1581.26	0		
		03/02/06	1883.99	NA	---	0	0	(1)
		04/10/06	1883.99	NA	---	0		(1)
		05/02/06	1883.99	300.65	1583.34	0		
		06/05/06	1883.99	NA	---	0	0	(1)
		07/06/06	1883.99	NA	---	0		(1)
		08/02/06	1883.99	297.17	1586.82	0		
		09/08/06	1883.99	NA	---	0	0	(1)
		10/08/06	1883.99	NA	---	0		(1)
		10/25/06	1883.99	294.96	1589.03	0		
		12/01/06	1883.99	NA	---	0	0	(1)
Delta ASU	HAR-07	01/05/06	1728.38	NA	---	0		(1)
		01/31/06	1728.38	59.43	1668.95	0		
		03/02/06	1728.38	NA	---	0	0	(1)
		04/10/06	1728.38	NA	---	0		(1)
		05/04/06	1728.38	40.76	1687.62	0		
		06/05/06	1728.38	NA	---	0	0	(1)
		07/06/06	1728.38	NA	---	0		(1)
		08/02/06	1728.38	47.54	1680.84	0		
		09/08/06	1728.38	NA	---	0	0	(1)
		10/08/06	1728.38	NA	---	0		(1)
		10/26/06	1728.38	57.63	1670.75	0		
		12/01/06	1728.38	NA	---	0	0	(1)
	WS-09A	01/05/06	1647.61	14.40	1633.21	0		(1)
		01/31/06	1647.61	22.22	1625.39	0		
		03/02/06	1647.61	14.65	1632.96	0	0	(1)
		04/10/06	1647.61	NA	---	0		(1)
		05/02/06	1647.61	22.98	1624.63	0		
		06/05/06	1647.61	NA	---	0	0	(1)
		07/06/06	1647.61	NA	---	0		(1)
		07/31/06	1647.61	22.68	1624.93	0		
		09/08/06	1647.61	NA	---	0	0	(1)
		10/08/06	1647.61	NA	---	0		(1)
		10/24/06	1647.61	23.32	1624.29	0		
		12/01/06	1647.61	NA	---	11.75	3.96	(1)

See last page of Table XVI for notes and abbreviations.

TABLE XVI
SUMMARY OF EXTRACTION WELL WATER LEVELS AND FLOW RATES, 2006
BOEING SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Treatment System	Extraction Well	Water Level Measurement Date	Measuring Point Elevation (ft, MSL)	Depth to Water (feet)	Water Level Elevation (ft, MSL)	Average Monthly Flow Rate (gpm)	Average Quarterly Flow Rate (gpm)	Footnotes
STL-IV ASU	ECL FD	01/05/06	---	NA	---	0		(1)
		02/03/06	---	NA	---	0		(1)
		03/02/06	---	NA	---	0	0	(1)
		04/10/06	---	NA	---	0		(1)
		05/01/06	---	NA	---	0		(1)
		06/05/06	---	NA	---	0	0	(1)
		07/06/06	---	NA	---	0		(1)
		08/02/06	---	8.56	---	0		
		09/08/06	---	NA	---	0	0	(1)
		10/08/06	---	NA	---	0		(1)
		10/25/06	---	9.66	---	0		
		12/01/06	---	NA	---	0	0	(1)
	ECL Sump	01/05/06	---	NA	---	0		(1)
		02/03/06	---	NA	---	0		(1)
		03/02/06	---	NA	---	0	0	(1)
		04/10/06	---	NA	---	0		(1)
		05/01/06	---	NA	---	0		(1)
		06/05/06	---	NA	---	0	0	(1)
		07/06/06	---	NA	---	0		(1)
		08/02/06	---	6.86	---	0		
		09/08/06	---	NA	---	0	0	(1)
		10/08/06	---	NA	---	0		(1)
		10/25/06	---	8.65	---	0		
		12/01/06	---	NA	---	0	0	(1)
	ES-14	01/05/06	1728.69	NA	---	0		(1)
		01/31/06	1728.69	18.34	1710.35	0		
		03/02/06	1728.69	NA	---	0	0	(1)
		04/10/06	1728.69	NA	---	0		(1)
		05/03/06	1728.69	15.71	1712.98	0		
		06/05/06	1728.69	NA	---	0	0	(1)
		07/06/06	1728.69	NA	---	0		(1)
		08/04/06	1728.69	16.34	1712.35	0		
		09/08/06	1728.69	NA	---	0	0	(1)
		10/08/06	1728.69	NA	---	0		(1)
		10/25/06	1728.69	17.51	1711.18	0		
		12/01/06	1728.69	NA	---	0	0	(1)
	ES-17	01/05/06	1739.31	NA	---	0		(1)
		01/31/06	1739.31	12.96	1726.35	0		
		03/02/06	1739.31	NA	---	0	0	(1)
		04/10/06	1739.31	NA	---	0		(1)
		05/03/06	1739.31	8.25	1731.06	0		
		06/05/06	1739.31	NA	---	0	0	(1)
		07/06/06	1739.31	NA	---	0		(1)
		08/24/06	1739.31	11.83	1727.48	0		
		09/08/06	1739.31	NA	---	0	0	(1)
		10/08/06	1739.31	NA	---	0		(1)
		10/25/06	1739.31	14.29	1725.02	0		
		12/01/06	1739.31	NA	---	0	0	(1)

See last page of Table XVI for notes and abbreviations.

TABLE XVI
SUMMARY OF EXTRACTION WELL WATER LEVELS AND FLOW RATES, 2006
BOEING SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Treatment System	Extraction Well	Water Level Measurement Date	Measuring Point Elevation (ft, MSL)	Depth to Water (feet)	Water Level Elevation (ft, MSL)	Average Monthly Flow Rate (gpm)	Average Quarterly Flow Rate (gpm)	Footnotes
STL-IV ASU (cont.)	ES-23	01/05/06	1760.73	NA	---	0		(1)
		01/31/06	1760.73	9.11	1751.62	0		
		03/02/06	1760.73	NA	---	0	0	(1)
		04/10/06	1760.73	NA	---	0		(1)
		05/03/06	1760.73	7.56	1753.17	0		
		06/05/06	1760.73	NA	---	0	0	(1)
		07/06/06	1760.73	NA	---	0		(1)
		08/01/06	1760.73	8.72	1752.01	0		
		09/08/06	1760.73	NA	---	0	0	(1)
		10/08/06	1760.73	NA	---	0		(1)
		10/25/06	1760.73	9.71	1751.02	0		
		12/01/06	1760.73	NA	---	0	0	(1)
	ES-24	01/05/06	1728.67	NA	---	0		(1)
		01/31/06	1728.67	21.79	1706.88	0		
		03/02/06	1728.67	NA	---	0	0	(1)
		04/10/06	1728.67	NA	---	0		(1)
		05/09/06	1728.67	19.27	1709.40	0		
		06/05/06	1728.67	NA	---	0	0	(1)
		07/06/06	1728.67	NA	---	0		(1)
		08/01/06	1728.67	20.30	1708.37	0		
		09/08/06	1728.67	NA	---	0	0	(1)
		10/08/06	1728.67	NA	---	0		(1)
		10/25/06	1728.67	21.27	1707.40	0		
		12/01/06	1728.67	NA	---	0	0	(1)
	ES-26	01/05/06	1748.01	NA	---	0		(1)
		01/31/06	1748.01	9.49	1738.52	0		
		03/02/06	1748.01	NA	---	0	0	(1)
		04/10/06	1748.01	NA	---	0		(1)
		05/03/06	1748.01	7.05	1740.96	0		
		06/05/06	1748.01	NA	---	0	0	(1)
		07/06/06	1748.01	NA	---	0		(1)
		08/01/06	1748.01	8.55	1739.46	0		
		09/08/06	1748.01	NA	---	0	0	(1)
		10/08/06	1748.01	NA	---	0		(1)
		10/25/06	1748.01	12.51	1735.50	0		
		12/01/06	1748.01	NA	---	0	0	(1)
	ES-27	01/05/06	1740.67	NA	---	0		(1)
		02/07/06	1740.67	13.29	1727.38	0		
		03/02/06	1740.67	NA	---	0	0	(1)
		04/10/06	1740.67	NA	---	0		(1)
		05/03/06	1740.67	8.82	1731.85	0		
		06/05/06	1740.67	NA	---	0	0	(1)
		07/06/06	1740.67	NA	---	0		(1)
		08/01/06	1740.67	11.51	1729.16	0		
		09/08/06	1740.67	NA	---	0	0	(1)
		10/08/06	1740.67	NA	---	0		(1)
		10/25/06	1740.67	15.00	1725.67	0		
		12/01/06	1740.67	NA	---	0	0	(1)

See last page of Table XVI for notes and abbreviations.

TABLE XVI
SUMMARY OF EXTRACTION WELL WATER LEVELS AND FLOW RATES, 2006
BOEING SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Treatment System	Extraction Well	Water Level Measurement Date	Measuring Point Elevation (ft, MSL)	Depth to Water (feet)	Water Level Elevation (ft, MSL)	Average Monthly Flow Rate (gpm)	Average Quarterly Flow Rate (gpm)	Footnotes
STL-IV ASU (cont.)	ES-30	01/05/06	1759.51	NA	---	0		(1)
		02/07/06	1759.51	9.10	1750.41	0		
		03/02/06	1759.51	NA	---	0	0	(1)
		04/10/06	1759.51	NA	---	0		(1)
		05/03/06	1759.51	8.68	1750.83	0		
		06/05/06	1759.51	NA	---	0	0	(1)
		07/06/06	1759.51	NA	---	0		(1)
		08/01/06	1759.51	9.01	1750.50	0		
		09/08/06	1759.51	NA	---	0	0	(1)
		10/08/06	1759.51	NA	---	0		(1)
		10/25/06	1759.51	9.79	1749.72	0		
		12/01/06	1759.51	NA	---	0	0	(1)
	ES-32	01/05/06	1740.65	NA	---	0		(1)
		02/07/06	1740.65	17.57	1723.08	0		
		03/02/06	1740.65	NA	---	0	0	(1)
		04/10/06	1740.65	NA	---	0		(1)
		05/03/06	1740.65	9.04	1731.61	0		
		06/05/06	1740.65	NA	---	0	0	(1)
		07/06/06	1740.65	NA	---	0		(1)
		08/01/06	1740.65	11.57	1729.08	0		
		09/08/06	1740.65	NA	---	0	0	(1)
		10/08/06	1740.65	NA	---	0		(1)
		10/25/06	1740.65	15.92	1724.73	0		
		12/01/06	1740.65	NA	---	0	0	(1)
	HAR-17	01/05/06	1711.59	NA	---	0		(1)
		01/31/06	1711.59	14.21	1697.38	0		
		03/02/06	1711.59	NA	---	0	0	(1)
		04/10/06	1711.59	NA	---	0		(1)
		05/03/06	1711.59	11.33	1700.26	0		
		06/05/06	1711.59	NA	---	0	0	(1)
		07/06/06	1711.59	NA	---	0		(1)
		08/01/06	1711.59	13.13	1698.46	0		
		09/08/06	1711.59	NA	---	0	0	(1)
		10/08/06	1711.59	NA	---	0		(1)
		11/13/06	1711.59	15.52	1696.07	0		
		12/01/06	1711.59	NA	---	0	0	(1)
	HAR-18	01/05/06	1749.41	NA	---	0		(1)
		01/31/06	1749.41	17.92	1731.49	0		
		03/02/06	1749.41	NA	---	0	0	(1)
		04/10/06	1749.41	NA	---	0		(1)
		05/03/06	1749.41	14.05	1735.36	0		
		06/05/06	1749.41	NA	---	0	0	(1)
		07/06/06	1749.41	NA	---	0		(1)
		08/02/06	1749.41	13.14	1736.27	0		
		09/08/06	1749.41	NA	---	0	0	(1)
		10/08/06	1749.41	NA	---	0		(1)
		10/25/06	1749.41	16.02	1733.39	0		
		12/01/06	1749.41	NA	---	0	0	(1)

See last page of Table XVI for notes and abbreviations.

TABLE XVI
SUMMARY OF EXTRACTION WELL WATER LEVELS AND FLOW RATES, 2006
BOEING SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Treatment System	Extraction Well	Water Level Measurement Date	Measuring Point Elevation (ft, MSL)	Depth to Water (feet)	Water Level Elevation (ft, MSL)	Average Monthly Flow Rate (gpm)	Average Quarterly Flow Rate (gpm)	Footnotes
WS-05 UV/H2O2	ES-01	01/01/06	1782.20	17.32	1764.88	0		
		01/30/06	1782.20	16.55	1765.65	0		
		03/01/06	1782.20	16.64	1765.56	0	0	
		04/10/06	1782.20	13.64	1768.56	0		
		05/02/06	1782.20	12.21	1769.99	0		
		06/05/06	1782.20	11.90	1770.30	0	0	
		07/06/06	1782.20	NA	---	0		(1)
		07/31/06	1782.20	13.21	1768.99	0		
		09/08/06	1782.20	NA	---	0	0	(1)
		10/08/06	1782.20	NA	---	0		(1)
		10/23/06	1782.20	15.71	1766.49	0		
		12/01/06	1782.20	NA	---	0	0	(1)
	ES-03	01/05/06	1783.39	NA	---	0		(1)
		01/30/06	1783.39	17.74	1765.65	0		
		03/02/06	1783.39	NA	---	0	0	(1)
		04/10/06	1783.39	NA	---	0		(1)
		05/02/06	1783.39	13.45	1769.94	0		
		06/05/06	1783.39	NA	---	0	0	(1)
		07/06/06	1783.39	NA	---	0		(1)
		07/31/06	1783.39	14.34	1769.05	0		
		09/08/06	1783.39	NA	---	0	0	(1)
		10/08/06	1783.39	NA	---	0		(1)
		10/23/06	1783.39	16.48	1766.91	0		
		12/01/06	1783.39	NA	---	0	0	(1)
	ES-04	01/05/06	1817.24	NA	---	0		(1)
		01/30/06	1817.24	Dry	---	0		
		03/02/06	1817.24	NA	---	0	0	(1)
		04/10/06	1817.24	NA	---	0		(1)
		05/02/06	1817.24	8.20	1809.04	0		
		06/05/06	1817.24	NA	---	0	0	(1)
		07/06/06	1817.24	NA	---	0		(1)
		07/31/06	1817.24	10.81	1806.43	0		
		09/08/06	1817.24	NA	---	0	0	(1)
		10/08/06	1817.24	NA	---	0		(1)
		10/23/06	1817.24	Dry	---	0		
		12/01/06	1817.24	NA	---	0	0	(1)
	ES-05	01/05/06	1818.13	NA	---	0		(1)
		01/30/06	1818.13	Dry	---	0		
		03/02/06	1818.13	NA	---	0	0	(1)
		04/10/06	1818.13	NA	---	0		(1)
		05/02/06	1818.13	5.79	1812.34	0		
		06/05/06	1818.13	NA	---	0	0	(1)
		07/06/06	1818.13	NA	---	0		(1)
		07/31/06	1818.13	10.47	1807.66	0		
		09/08/06	1818.13	NA	---	0	0	(1)
		10/08/06	1818.13	NA	---	0		(1)
		10/23/06	1818.13	Dry	---	0		
		12/01/06	1818.13	NA	---	0	0	(1)

See last page of Table XVI for notes and abbreviations.

TABLE XVI
SUMMARY OF EXTRACTION WELL WATER LEVELS AND FLOW RATES, 2006
BOEING SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Treatment System	Extraction Well	Water Level Measurement Date	Measuring Point Elevation (ft, MSL)	Depth to Water (feet)	Water Level Elevation (ft, MSL)	Average Monthly Flow Rate (gpm)	Average Quarterly Flow Rate (gpm)	Footnotes
WS-05 UV/H2O2 (cont.)	ES-06	01/05/06	1825.41	NA	---	0		(1)
		01/30/06	1825.41	19.36	1806.05	0		
		03/02/06	1825.41	NA	---	0	0	(1)
		04/10/06	1825.41	NA	---	0		(1)
		05/02/06	1825.41	8.07	1817.34	0		
		06/05/06	1825.41	NA	---	0	0	(1)
		07/06/06	1825.41	NA	---	0		(1)
		07/31/06	1825.41	14.21	1811.20	0		
		09/08/06	1825.41	NA	---	0	0	(1)
		10/08/06	1825.41	NA	---	0		(1)
		10/23/06	1825.41	17.62	1807.79	0		
		12/01/06	1825.41	NA	---	0	0	(1)
	ES-07	01/05/06	1826.53	NA	---	0		(1)
		01/30/06	1826.53	Dry	---	0		
		03/02/06	1826.53	NA	---	0	0	(1)
		04/10/06	1826.53	NA	---	0		(1)
		05/02/06	1826.53	18.37	1808.16	0		
		06/05/06	1826.53	NA	---	0	0	(1)
		07/06/06	1826.53	NA	---	0		(1)
		07/31/06	1826.53	UTM	---	0		
		09/08/06	1826.53	NA	---	0	0	(1)
		10/08/06	1826.53	NA	---	0		(1)
		10/23/06	1826.53	Dry	---	0		
		12/01/06	1826.53	NA	---	0	0	(1)
	ES-11	01/05/06	1835.07	NA	---	0		(1)
		01/30/06	1835.07	Dry	---	0		
		03/02/06	1835.07	NA	---	0	0	(1)
		04/10/06	1835.07	NA	---	0		(1)
		05/03/06	1835.07	17.31	1817.76	0		
		06/05/06	1835.07	NA	---	0	0	(1)
		07/06/06	1835.07	NA	---	0		(1)
		08/02/06	1835.07	Dry	---	0		
		09/08/06	1835.07	NA	---	0	0	(1)
		10/08/06	1835.07	NA	---	0		(1)
		10/23/06	1835.07	Dry	---	0		
		12/01/06	1835.07	NA	---	0	0	(1)
	HAR-04	01/05/06	1873.40	NA	---	0		(1)
		01/30/06	1873.40	19.32	1854.08	0		
		03/02/06	1873.40	NA	---	0	0	(1)
		04/10/06	1873.40	NA	---	0		(1)
		05/03/06	1873.40	14.91	1858.49	0		
		06/05/06	1873.40	NA	---	0	0	(1)
		07/06/06	1873.40	NA	---	0		(1)
		08/01/06	1873.40	19.11	1854.29	0		
		09/08/06	1873.40	NA	---	0	0	(1)
		10/08/06	1873.40	NA	---	0		(1)
		10/24/06	1873.40	21.33	1852.07	0		
		12/01/06	1873.40	NA	---	0	0	(1)

See last page of Table XVI for notes and abbreviations.

TABLE XVI
SUMMARY OF EXTRACTION WELL WATER LEVELS AND FLOW RATES, 2006
BOEING SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Treatment System	Extraction Well	Water Level Measurement Date	Measuring Point Elevation (ft, MSL)	Depth to Water (feet)	Water Level Elevation (ft, MSL)	Average Monthly Flow Rate (gpm)	Average Quarterly Flow Rate (gpm)	Footnotes
WS-05 UV/H2O2 (cont.)	HAR-16	01/05/06	1872.31	NA	---	0		(1)
		01/30/06	1872.31	51.66	1820.65	0		
		03/02/06	1872.31	NA	---	0	0	(1)
		04/10/06	1872.31	NA	---	0		(1)
		05/03/06	1872.31	49.29	1823.02	0		
		06/05/06	1872.31	NA	---	0	0	(1)
		07/06/06	1872.31	NA	---	0		(1)
		08/01/06	1872.31	49.29	1823.02	0		
		09/08/06	1872.31	NA	---	0	0	(1)
		10/08/06	1872.31	NA	---	0		(1)
		10/24/06	1872.31	49.95	1822.36	0		
		12/01/06	1872.31	NA	---	0	0	(1)
	RD-01	01/05/06	1935.89	NA	---	0		(1)
		02/01/06	1935.89	200.47	1735.42	0		
		03/02/06	1935.89	NA	---	0	0	(1)
		04/10/06	1935.89	NA	---	0		(1)
		05/04/06	1935.89	198.72	1737.17	0		
		06/05/06	1935.89	NA	---	0	0	(1)
		07/06/06	1935.89	NA	---	0		(1)
		08/02/06	1935.89	200.95	1734.94	0		
		09/08/06	1935.89	NA	---	0	0	(1)
		10/08/06	1935.89	NA	---	0		(1)
		10/24/06	1935.89	200.98	1734.91	0		
		12/01/06	1935.89	NA	---	0	0	(1)
	RD-02	01/05/06	1873.92	NA	---	0		(1)
		01/30/06	1873.92	157.21	1716.71	0		
		03/02/06	1873.92	NA	---	0	0	(1)
		04/10/06	1873.92	NA	---	0		(1)
		05/04/06	1873.92	156.47	1717.45	0		
		06/05/06	1873.92	NA	---	0	0	(1)
		07/06/06	1873.92	NA	---	0		(1)
		08/02/06	1873.92	154.68	1719.24	0		
		09/08/06	1873.92	NA	---	0	0	(1)
		10/08/06	1873.92	NA	---	0		(1)
		10/24/06	1873.92	154.55	1719.37	0		
		12/01/06	1873.92	NA	---	0	0	(1)
	WS-05	01/05/06	1830.20	NA	---	0		(1)
		02/01/06	1830.20	250.05	1580.15	0		
		03/02/06	1830.20	NA	---	0	0	(1)
		04/10/06	1830.20	NA	---	0		(1)
		05/03/06	1830.20	246.95	1583.25	0		
		06/05/06	1830.20	NA	---	0	0	(1)
		07/06/06	1830.20	NA	---	0		(1)
		07/31/06	1830.20	233.32	1596.88	0		
		09/08/06	1830.20	NA	---	0	0	(1)
		10/08/06	1830.20	NA	---	0		(1)
		10/23/06	1830.20	236.16	1594.04	0		
		12/01/06	1830.20	NA	---	0	0	(1)

See last page of Table XVI for notes and abbreviations.

TABLE XVI
NOTES AND ABBREVIATIONS

1. NA = Not available. Well was not monitored or transducer was inoperable.

2. MSL = Mean sea level.

3. UTM = Unable to measure.

4. (---) = No data available/not applicable.

5. (1) = Water level measured by EnviroSolve Corporation. Water level measurement at inactive wells was discontinued in June 2004.

6. ASU = Air stripping unit.

7. UV/H2O2 = Ultraviolet light/ peroxidation.

8. Several extraction wells were inactive due to ongoing Shallow Zone Groundwater Investigation (Ogden, 2000), the Chatsworth Formation Operable Unit Investigation (Montgomery Watson, 2000b), and damage due to the September 2005 Topanga fire.

TABLE XVII

SUMMARY OF GROUNDWATER EXTRACTIONS, PERMITTED GROUNDWATER REMEDIATION FACILITIES, 2006
BOEING SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Gallons x 1,000

Remediation System		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total Annual Pumpage	Total Pumpage to Date
Extraction Well(s)															
Delta ASU	WS-09A	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	524.8	524.8	422,466.6
	HAR-07	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2,789.2
Alfa ASU	WS-06	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	510,871.8
Bravo ASU	WS-09	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	62,693.8
	RD-04	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	40,362.9
	RD-09	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6,106.3
	ES-21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	461.9
	ES-22	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	682.8
WS-5 Area	WS-05	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	540,394.8
UV/H_2O_2	ES-01	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	60.4
	ES-03	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	987.6
	ES-04	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	425.6
	ES-05	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	308.5
	ES-06	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	882.5
	ES-07	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	48.3
	ES-11	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	52.1
	HAR-04	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	765.4
	HAR-16	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1,028.1
	RD-01	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	80,122.6
	RD-02	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	71,702.1
STL-IV	ES-14	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	73.1
ASU	ES-17	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	277.1
	ES-23	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	127.7
	ES-24	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	97.8
	ES-26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2,430.4
	ES-27	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	368.1
	ES-30	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1,825.4
	ES-32	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	21.7
	HAR-17	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3,185.0
	HAR-18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	726.3
	ECL-Sump	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1,061.0
	ECL-FD	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2,792.7
Total System		**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**524.8**	**524.8**	**1,756,199.6**

Notes and Abbreviations:

1. ASU = Air stripping unit
2. UV/H_2O_2 = Ultraviolet light/peroxidation
3. Remediation system monitoring conducted by EnviroSolve Corporation. Pumpage data and cumulative pumpage provided by EnviroSolve Corporation. Several extraction wells were inactive due to ongoing Shallow Zone Groundwater Investigation (Ogden, 2000), Chatsworth Formation Operable Unit Investigation (Montgomery Watson, 2000b), and September 2005 Topange fire damage.

TABLE XVIII

SUMMARY OF GROUNDWATER EXTRACTIONS, INTERIM SYSTEMS, 2006
BOEING SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Interim System		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total Annual Pumpage
Extraction Well(s)		(gallons x 1,000)												
RMHF	RD-63	47.6	66.4	37.9	56.8	91.4	70.2	61.3	6.9	0.0	0.0	0.0	0.0	438.3
FSDF	RD-21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	RS-54	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
B/059	RD-24	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Interim System		**47.6**	**66.4**	**37.9**	**56.8**	**91.4**	**70.2**	**61.3**	**6.9**	**0.0**	**0.0**	**0.0**	**0.0**	**438.3**

Notes and Abbreviations:
1. Remediation system monitoring conducted by EnviroSolve Corporation. Pumpage data and cumulative pumpage provided by EnviroSolve Corporation.

TABLE XIX

SUMMARY OF WATER QUALITY RESULTS
FOR PERMITTED GROUNDWATER REMEDIATION FACILITIES, 2006
BOEING SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Sample Location		Date Sampled	TCE (ug/l)	1,2-DCE (ug/l) cis	1,2-DCE (ug/l) trans	Perchlorate (ug/l)	VOCs Removed By Quarter (lbs)	VOCs Removed To Date (lbs)
Delta ASU	Influent	01/05/06	**0.86**	0.5 U	0.5 U	4 U		**1321.8**
		02/03/06	0.5 U	0.5 U	0.5 U	4 U		**1321.8**
		03/16/06	**74**	**5.5**	0.5 U	4 U	0.0	**1321.8**
		04/10/06	Not Operating					**1321.8**
		05/12/06						**1321.8**
		06/05/06					0.0	**1321.8**
		07/05/06						**1321.8**
		08/08/06						**1321.8**
		09/08/06					0.0	**1321.8**
		10/08/06						**1321.8**
		11/01/06						**1321.8**
		12/05/06	0.5 U	**1.2**	0.5 U	4 U		**1321.8**
		12/15/06	**610**	**410**	**16**	4 U	4.5	**1326.3**
	Primary Effluent	01/05/06	**0.98**	**0.77**	0.5 U	---		
		02/03/06	**1.6**	**1.3**	0.5 U	---		
		03/16/06	**4.4**	**0.86**	0.5 U	---		
		04/10/06	Not Operating					
		05/12/06						
		06/05/06						
		07/05/06						
		08/08/06						
		09/08/06						
		10/08/06						
		11/01/06						
		12/05/06	**0.73**	0.5 U	0.5 U	---		
		12/15/06	**0.76**	**1.1**	0.5 U	---		
	Secondary Effluent	01/05/06	0.5 U	0.5 U	0.5 U	---		
		02/03/06	**1.4**	**1.2**	0.5 U	---		
		03/16/06	**1.9**	**1.3**	0.5 U	---		
		04/10/06	Not Operating					
		05/12/06						
		06/05/06						
		07/05/06						
		08/08/06						
		09/08/06						
		10/08/06						
		11/01/06						
		12/05/06	**1.4**	**1.0**	0.5 U	---		
		12/15/06	**0.56**	0.5 U	0.5 U	---		
Alfa ASU	Influent	01/05/06	Not Operating					**460.2**
		02/03/06						**460.2**
		03/16/06					0.0	**460.2**
		04/10/06						**460.2**
		05/12/06						**460.2**
		06/05/06					0.0	**460.2**
		07/05/06						**460.2**
		08/08/06						**460.2**
		09/08/06					0.0	**460.2**

See last page of Table XIX for notes and abbreviations.

TABLE XIX

SUMMARY OF WATER QUALITY RESULTS
FOR PERMITTED GROUNDWATER REMEDIATION FACILITIES, 2006
BOEING SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Sample Location		Date Sampled	TCE (ug/l)	1,2-DCE (ug/l)		Perchlorate (ug/l)	VOCs Removed	
				cis	trans		By Quarter (lbs)	To Date (lbs)
Alfa ASU	Influent	10/08/06	Not Operating					**460.2**
		11/01/06						**460.2**
		12/01/06					0.0	**460.2**
	Primary Effluent	01/05/06	Not Operating					
		02/03/06						
		03/16/06						
		04/10/06						
		05/12/06						
		06/05/06						
		07/05/06						
		08/08/06						
		09/08/06						
		10/08/06						
		11/01/06						
		12/01/06						
	Secondary Effluent	01/05/06	Not Operating					
		02/03/06						
		03/16/06						
		04/10/06						
		05/12/06						
		06/05/06						
		07/05/06						
		08/08/06						
		09/08/06						
		10/08/06						
		11/01/06						
		12/01/06						
Bravo ASU	Influent	01/05/06	Not Operating					**126.1**
		02/03/06						**126.1**
		03/16/06					0.0	**126.1**
		04/10/06						**126.1**
		05/12/06						**126.1**
		06/05/06					0.0	**126.1**
		07/05/06						**126.1**
		08/08/06						**126.1**
		09/08/06					0.0	**126.1**
		10/08/06						**126.1**
		11/01/06						**126.1**
		12/01/06					0.0	**126.1**
	Primary Effluent	01/05/06	Not Operating					
		02/03/06						
		03/16/06						
		04/10/06						
		05/12/06						
		06/05/06						
		07/05/06						
		08/08/06						
		09/08/06						

See last page of Table XIX for notes and abbreviations.

TABLE XIX

SUMMARY OF WATER QUALITY RESULTS
FOR PERMITTED GROUNDWATER REMEDIATION FACILITIES, 2006
BOEING SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Sample Location		Date Sampled	TCE (ug/l)	1,2-DCE (ug/l) cis	1,2-DCE (ug/l) trans	Perchlorate (ug/l)	VOCs Removed By Quarter (lbs)	VOCs Removed To Date (lbs)
Bravo ASU	Primary Effluent	10/08/06	Not Operating					
		11/01/06						
		12/01/06						
	Secondary Effluent	01/05/06	Not Operating					
		02/03/06						
		03/16/06						
		04/10/06						
		05/12/06						
		06/05/06						
		07/05/06						
		08/08/06						
		09/08/06						
		10/08/06						
		11/01/06						
		12/01/06						
WS-05 UV/H_2O_2	Influent	01/05/06	Not Operating					**225.0**
		02/07/06	**6.2**	**11**	**0.72**	4 U		**225.0**
		03/16/06	Not Operating				0.0	**225.0**
		04/10/06	**470 J***	**67 J***	5 UJ*	4 U		**225.0**
		05/12/06	**150**	**160**	**7.3**	4 U		**225.1**
		06/05/06	**3200**	**230**	10 U	4 U	0.1	**225.1**
		07/05/06	Not Operating					**225.1**
		08/08/06	**83**	**17**	**0.7**	4 U		**225.1**
		09/08/06	Not Operating				0.0	**225.1**
		10/08/06	Not Operating					**225.1**
		11/03/06	**2.4**	0.5 U	0.5 U	4 U		**225.1**
		12/01/06	Not Operating				0.0	**225.1**
	Effluent	01/05/06	Not Operating					
		02/07/06	0.5 U	0.5 U	0.5 U	---		
		03/16/06	Not Operating					
		04/10/06	**6.4**	0.5 U	0.5 U	---		
		05/12/06	**1.2**	**1.2**	0.5 U	---		
		06/05/06	**0.63**	0.5 U	0.5 U	---		
		07/05/06	Not Operating					
		08/08/06	0.5 U	0.5 U	0.5 U	---		
		09/08/06	Not Operating					
		10/08/06	Not Operating					
		11/03/06	0.5 U	0.5 U	0.5 U	---		
		12/01/06	Not Operating					
STL-IV ASU	Influent	01/05/06	Not Operating					**81.6**
		02/03/06						**81.6**
		03/16/06					0.0	**81.6**
		04/10/06						**81.6**
		05/12/06						**81.6**
		06/05/06					0.0	**81.6**
		07/05/06						**81.6**
		08/08/06						**81.6**
		09/08/06					0.0	**81.6**

See last page of Table XIX for notes and abbreviations.

TABLE XIX

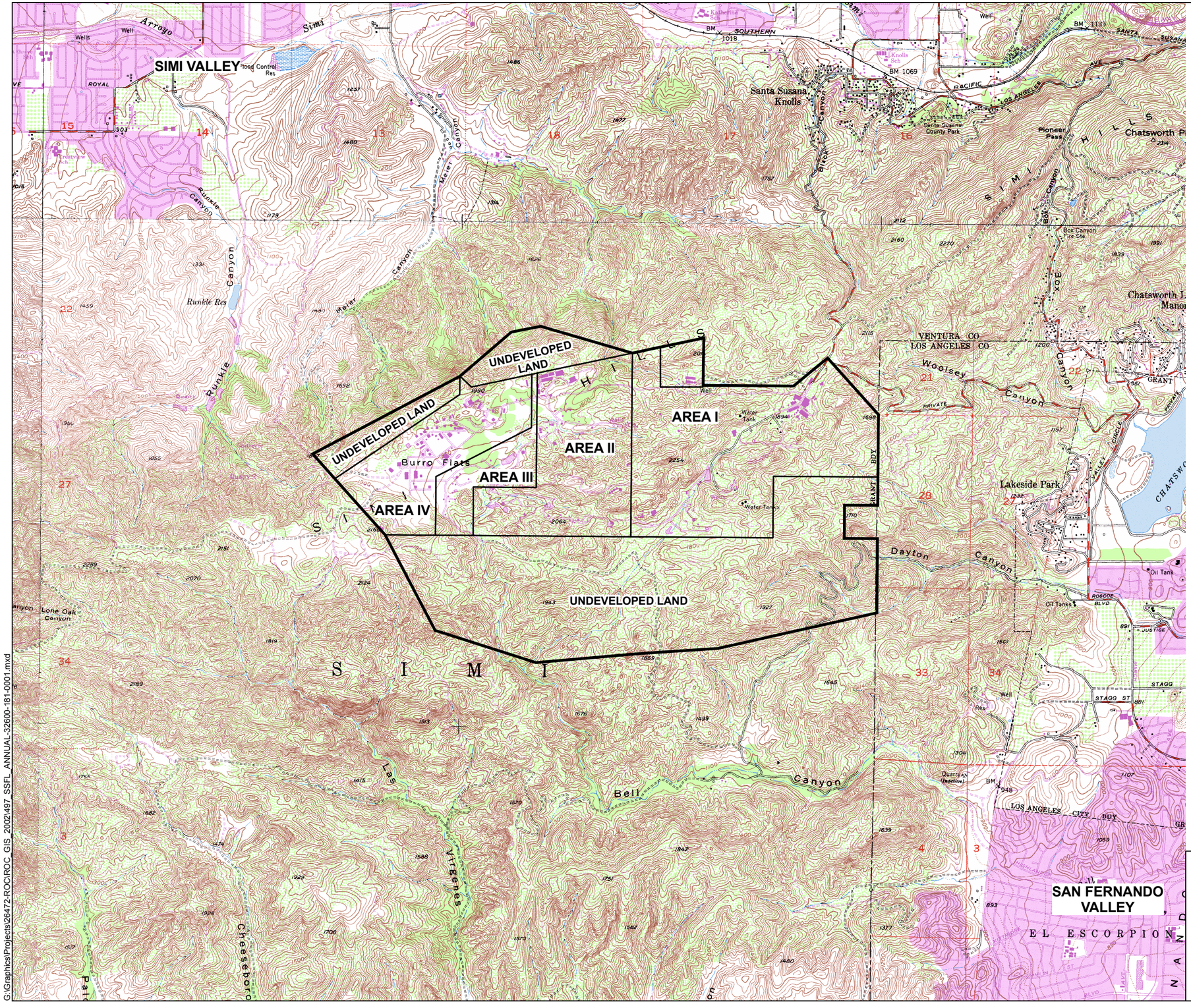
SUMMARY OF WATER QUALITY RESULTS
FOR PERMITTED GROUNDWATER REMEDIATION FACILITIES, 2006
BOEING SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Sample Location		Date Sampled	TCE (ug/l)	1,2-DCE (ug/l)		Perchlorate (ug/l)	VOCs Removed	
				cis	trans		By Quarter (lbs)	To Date (lbs)
STL-IV ASU	Influent	10/08/06	Not Operating					**81.6**
		11/01/06						**81.6**
		12/01/06					0.0	**81.6**
	Primary Effluent	01/05/06	Not Operating					
		02/03/06						
		03/16/06						
		04/10/06						
		05/12/06						
		06/05/06						
		07/05/06						
		08/08/06						
		09/08/06						
		10/08/06						
		11/01/06						
		12/01/06						
	Secondary Effluent	01/05/06	Not Operating					
		02/03/06						
		03/16/06						
		04/10/06						
		05/12/06						
		06/05/06						
		07/05/06						
		08/08/06						
		09/08/06						
		10/08/06						
		11/01/06						
		12/01/06						

See last page of Table XIX for notes and abbreviations.

TABLE XIX
NOTES AND ABBREVIATIONS

1. ASU = Air-stripping unit.
2. J = Estimated concentration due to holding time violation.
3. U = Not detected; numerical value is the reporting limit for that compound.
4. UJ = Not detected. Estimated reporting limit due to holding time violation.
5. TCE = Trichloroethene or trichloroethylene.
6. 1,2-DCE = 1,2-Dichloroethene or 1,2-dichloroethylene.
7. ug/l = Micrograms per liter.
8. lbs = Pounds.
9. UV/H_2O_2 = Ultraviolet light/peroxidation.
10. * = Sample analyzed past the holding time.
11. --- = Not analyzed.
12. Several extraction wells were inactive due to the ongoing Shallow Zone Groundwater Investigation (Ogden, 2000), the Chatsworth Formation Operable Unit Investigation (Montgomery Watson, 2000b), and damage due to the September 2005 Topanga fire.
13. Samples analyzed for TCE and 1,2-DCE by EPA Method 8260B and perchlorate by EPA Method 314.0.
14. All groundwater remediation facilities water quality samples were collected by EnviroSolve Corporation personnel and analyzed by TestAmerica (formerly Del Mar Analytical).



LEGEND

SSFL PROPERTY BOUNDARY

SSFL AREA BOUNDARY

NOTE:
ALL LOCATIONS AND DIMENSIONS ARE APPROXIMATE.

REFERENCE: CALABASAS, SIMI VALLEY EAST, SIMI VALLEY WEST AND THOUSAND OAKS USGS TOPO QUADS

N
W E
S

0 3,000 6,000
SCALE IN FEET

ANNUAL GROUNDWATER MONITORING REPORT, 2006

HALEY & ALDRICH

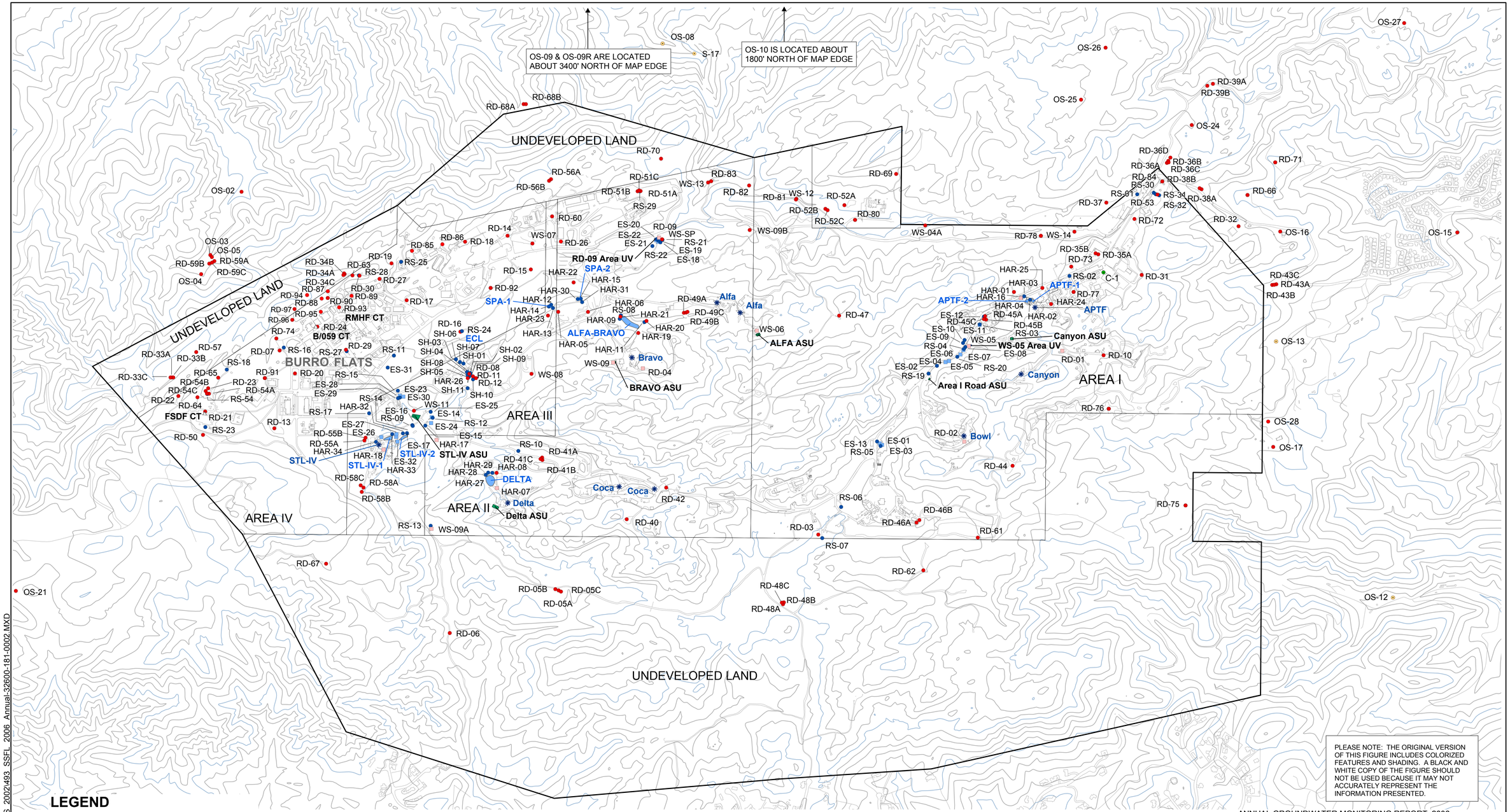
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

FACILITY LOCATION MAP

SCALE: AS SHOWN
FEBRUARY 2007

FIGURE 1

G:\Graphics\Projects\26472-ROC\ROC_GIS_2002\497_SSFL_ANNUAL-32600-181-0001.mxd



LEGEND

- CHATSWORTH FORMATION MONITORING WELL
- CHATSWORTH FORMATION EXTRACTION WELL
- SHALLOW MONITORING WELL
- SHALLOW EXTRACTION WELL
- C-1 COREHOLE
- SPRINGS
- PROPERTY BOUNDARY LINE
- RCRA IMPOUNDMENT
- FORMER OR INACTIVE TEST STAND
- INTERIM CARBON TREATMENT SYSTEM (CT)
- PERMITTED GROUNDWATER TREATMENT SYSTEM - AIR STRIPPING UNIT (ASU)
- PERMITTED GROUNDWATER TREATMENT SYSTEM - UV/H2O2(UV)

NOTES:
RMHF = RADIOACTIVE MATERIALS HANDLING FACILITY
FSDF = FORMER SODIUM DISPOSAL FACILITY
B/059 = B/059 CONSTRUCTION/DEWATERING SYSTEM
ONLY THE RMHF INTERIM TREATMENT SYSTEM OPERATED DURING THE QUARTER. THE B/059 INTERIM TREATMENT SYSTEM WAS TURNED OFF IN MARCH 2005 FOLLOWING THE B/059 DEMOLITION. THE FSDF TREATMENT SYSTEM WAS NOT OPERATED DUE TO CFOU INVESTIGATIONS.

N
W E
S

0 700 1400 2800
SCALE IN FEET

ANNUAL GROUNDWATER MONITORING REPORT, 2006

HALEY & ALDRICH

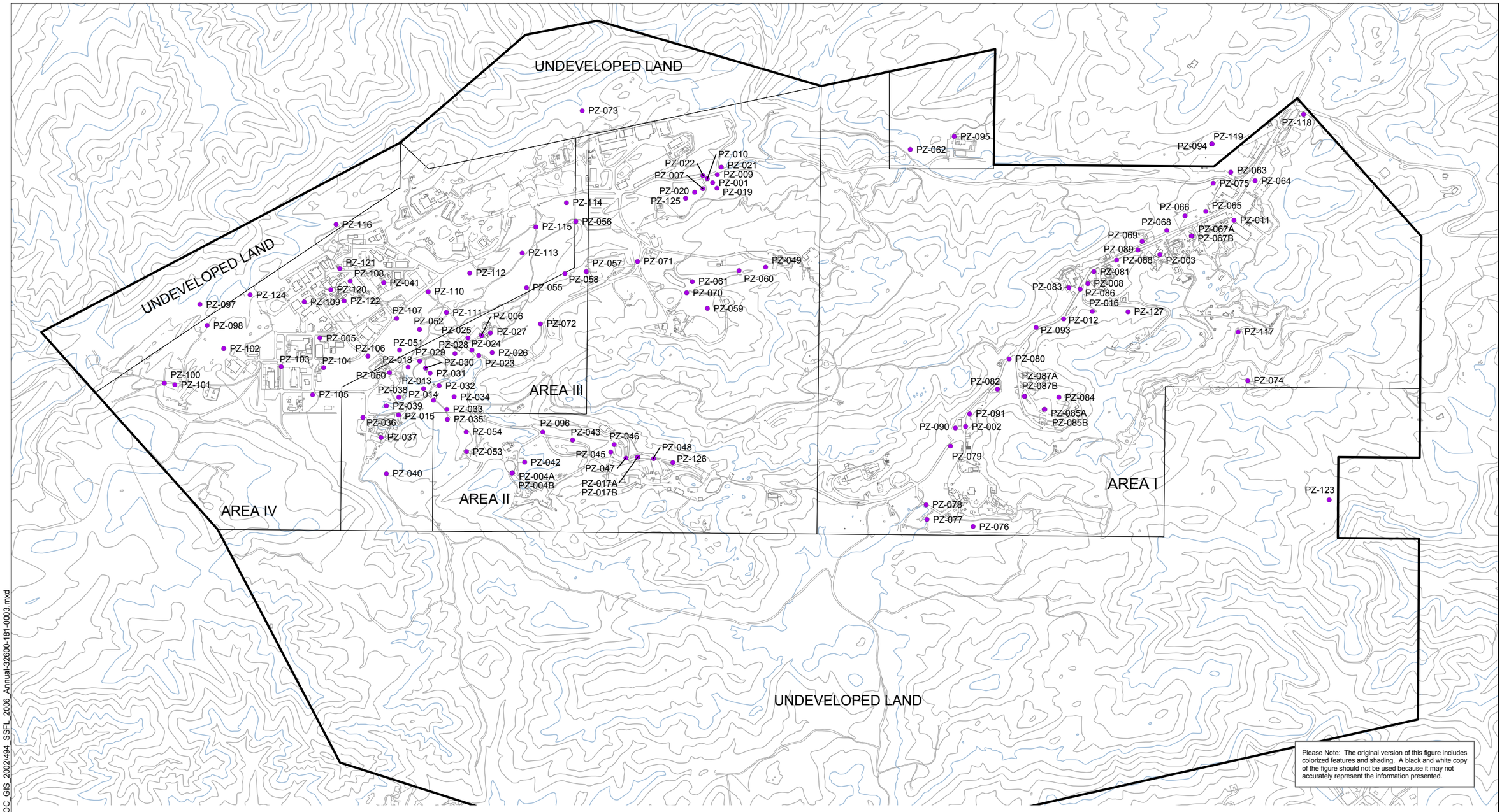
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

LOCATIONS OF WELLS, SPRINGS, AND GROUNDWATER RECLAMATION COMPONENTS

SCALE: AS SHOWN
FEBRUARY 2007

FIGURE 2

G:\Graphics\Projects\26472-ROC\ROC GIS 2002\493 SSFL 2006 Annual\32600-181-0002.MXD



Legend

- PROPERTY BOUNDARY LINE
- PIEZOMETER

N
W E
S

0 1,200 2,400

SCALE IN FEET

ANNUAL GROUNDWATER MONITORING REPORT, 2006

HALEY & ALDRICH

THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

LOCATIONS OF PIEZOMETERS

SCALE: AS SHOWN
FEBRUARY 2007

FIGURE 3

G:\Graphics\Projects\26472 - Boeing Roc\ROC_GIS_2002494_SSFL_2006_Annual-32600-181-0003.mxd

UNDEVELOPED LAND

UNDEVELOPED LAND

UNDEVELOPED LAND

AREA I

AREA II

AREA III

AREA IV

OS-02 OS-03 OS-04 OS-05 OS-08 OS-10 OS-11 OS-12 OS-13 OS-15 OS-16 OS-17 OS-21 OS-24 OS-25 OS-26 OS-27 OS-28

S-17

RD-01 1734.91
RD-02 1719.37
RD-03 1736.53
RD-04 1587.93
RD-05A 1625.78
RD-05B 1653.17
RD-05C 1651.71
RD-06 1572.58
RD-07 UTM
RD-08 1753.03
RD-09 1749.15
RD-10 1722.91
RD-11 1748.10
RD-12 1738.73
RD-13 1795.09
RD-14 1757.15
RD-15 1777.45
RD-16 1764.59
RD-17 1813.14
RD-18 1758.06
RD-19 1780.07
RD-20 1781.93
RD-21 1785.61
RD-22 1558.34
RD-23 1613.17
RD-24 1773.09
RD-25 1825.84
RD-26 1785.37
RD-27 NM
RD-28 1788.01
RD-29 1791.01
RD-30 1758.77
RD-31 UTM
RD-32 1780.03
RD-33A 1591.04
RD-33B 1513.47
RD-33C 1514.75
RD-34A 1754.47
RD-34B 1728.68
RD-34C 1744.97
RD-35A 1825.57
RD-35B 1823.51
RD-36A 1827.11
RD-36B 1780.61
RD-36C 1723.76
RD-36D 1557.35
RD-37 1567.16
RD-38A 1774.05
RD-38B 1556.00
RD-39A 1814.23
RD-39B 1671.55
RD-40 1702.14
RD-41A 1736.87
RD-41B 1664.17
RD-41C 1647.12
RD-42 1895.53
RD-43A 1643.00
RD-43B 1590.28
RD-43C 1585.11
RD-44 1634.73
RD-45A 1587.73
RD-45B 1585.40
RD-45C 1587.11
RD-46A 1737.76
RD-46B 1749.35
RD-47 1585.22
RD-48A 1636.14
RD-48B 1605.09
RD-48C 1559.34
RD-49A 1848.37
RD-49B 1640.70
RD-49C 1593.69
RD-50 1824.27
RD-51A DRY
RD-51B 1575.45
RD-51C 1585.04
RD-52A 1627.94
RD-52B 1584.97
RD-52C 1585.34
RD-53 1771.33
RD-54A 1694.97
RD-54B
RD-54C
RD-55A 1738.76
RD-55B 1714.15
RD-56A 1440.17
RD-56B 1575.06
RD-57 1439.52
RD-58A 1682.59
RD-58B 1661.73
RD-58C 1642.48
RD-59A 1312.74
RD-59B 1370.21
RD-59C 1374.29
RD-61 1744.72
RD-62 1632.25
RD-63 1744.60
RD-64 1627.59
RD-65 1569.60
RD-66 1556.96
RD-67 1850.37
RD-68A 1307.64
RD-68B 1312.44
RD-69 1784.03
RD-70 1574.88
RD-71 1556.07
RD-72 1816.23
RD-73 1826.27
RD-74 1744.60
RD-75 1225.85
RD-76 1644.92
RD-77 1823.26
RD-78 1566.82
RD-80 1585.68
RD-81 1585.81
RD-82 1585.67
RD-83 1584.99
RD-84 1774.18
RD-85 1795.65
RD-86 1804.46
RD-87
RD-88
RD-89 NM
RD-90 1756.89
RD-91 1799.04
RD-92 1779.18
RD-93 1778.29
RD-95 1764.01
RD-96 DRY
RD-97
RD-98 1753.76
RD-99 1730.04
WS-01 1747.82
WS-02 1725.07
WS-03 1743.69
WS-04A 1584.57
WS-05 1594.04
WS-06 1586.04
WS-07 1775.57
WS-08 NM
WS-09A 1624.29
WS-09B 1672.11
WS-10 1589.03
WS-11 1714.01
WS-12 1585.30
WS-13 1585.37
WS-14 1550.59
WS-SP 1748.84
HAR-01 1819.50
HAR-04 1822.36
HAR-05 1792.03
HAR-06 1793.51
HAR-07 1670.75
HAR-08 1695.83
HAR-17 1696.07
HAR-18 1733.39
HAR-19 1640.62
HAR-20 1631.16
HAR-21 1809.59
HAR-22 1788.01
HAR-23 1786.68
HAR-24 1822.74
HAR-25 1741.84
HAR-26 1741.84
ALFA-BRAVO
APTF-1
APTF-2
DELTA
ECL
SPA-1
SPA-2
STL-IV-1
STL-IV-2
1600
1650
1700
1750
1800
1850
1900
1550
1500
1450
1400
1350
1300
1250

Qal
Shale 3
Sespe Formation
Simi Conglomerate Member
Lot Bed
Upper Burro Flats Member
Lower Burro Flats Member
ELV Member
SPA Member
Silvernale Member
Upper Bravo Bed
Lower Bravo Bed
Upper Bowl Bed
Lower Bowl Bed
Upper Line Bed
Lower Line Bed
Upper Bravo Red
Diabase
Unnamed Finer-Grained Unit
Woolsey Sandstone Bed
Lower Chatsworth Formation
Santa Susana Formation
KUCC
KUCS
KUCS-2
KUCW
KUCH
KUCB
KLC
KLCS

Please Note: The original version of this figure includes colorized features and shading. A black and white copy of the figure should not be used because it may not accurately represent the information presented.

LEGEND

- CHATSWORTH FORMATION MONITORING WELL
- CHATSWORTH FORMATION EXTRACTION WELL
- CHATSWORTH FORMATION WELL NOT USED TO GENERATE CONTOUR LINES
- SPRINGS
- PROPERTY BOUNDARY LINE
- FAULT AND/OR SHEAR ZONE

1600 - -	APPROXIMATE CONTOUR OF EQUAL WATER LEVEL ELEVATION, IN FEET ABOVE MEAN SEA LEVEL. CONTOUR INTERVAL 50 FEET.
1670.75	WATER LEVEL ELEVATION, IN FEET ABOVE MEAN SEA LEVEL.
1653.17	WATER LEVEL ELEVATION, IN FEET ABOVE MEAN SEA LEVEL. WATER LEVEL NOT USED TO GENERATE CONTOUR LINES.
UTM	UNABLE TO MEASURE
NM	NOT MEASURED

LEGEND FOR GEOLOGY: REFER TO FIGURE 5, GEOLOGIC MAP, IN HALEY & ALDRICH'S "REPORT ON THE ANNUAL GROUNDWATER MONITORING, 2006, SANTA SUSANA FIELD LABORATORY, VENTURA COUNTY, CALIFORNIA," FEBRUARY 28, 2007.

- KUCC — GEOLOGIC UNIT
- MARKER BED
- KLCS — GEOLOGIC UNIT

GEOLOGY PROVIDED BY MONTGOMERY WATSON HARZA. "GEOLOGIC CHARACTERIZATION OF THE EASTERN PORTION OF SSFL, TECHNICAL MEMORANDUM," FEBRUARY 22, 2002.

WATER LEVEL ELEVATIONS ARE PROVIDED FOR ILLUSTRATIVE PURPOSES ONLY AND ARE NOT INTENDED TO INFER GROUNDWATER FLOW CONDITIONS. THE LATERAL DIRECTION OF GROUNDWATER MOVEMENT CANNOT BE ASCERTAINED FROM THE CONTOUR LINES BECAUSE OF STRATIGRAPHIC AND STRUCTURAL PROPERTIES OF THE BEDROCK.

CONTOURS ARE BASED ON MEASURED WATER LEVELS IN CONVENTIONAL WELLS. ACTUAL WATER LEVELS IN THE SUBSURFACE WILL VARY FROM THOSE SHOWN.

N W E S

0 700 1400 2800

SCALE IN FEET

ANNUAL GROUNDWATER MONITORING REPORT, 2006

HALEY & ALDRICH

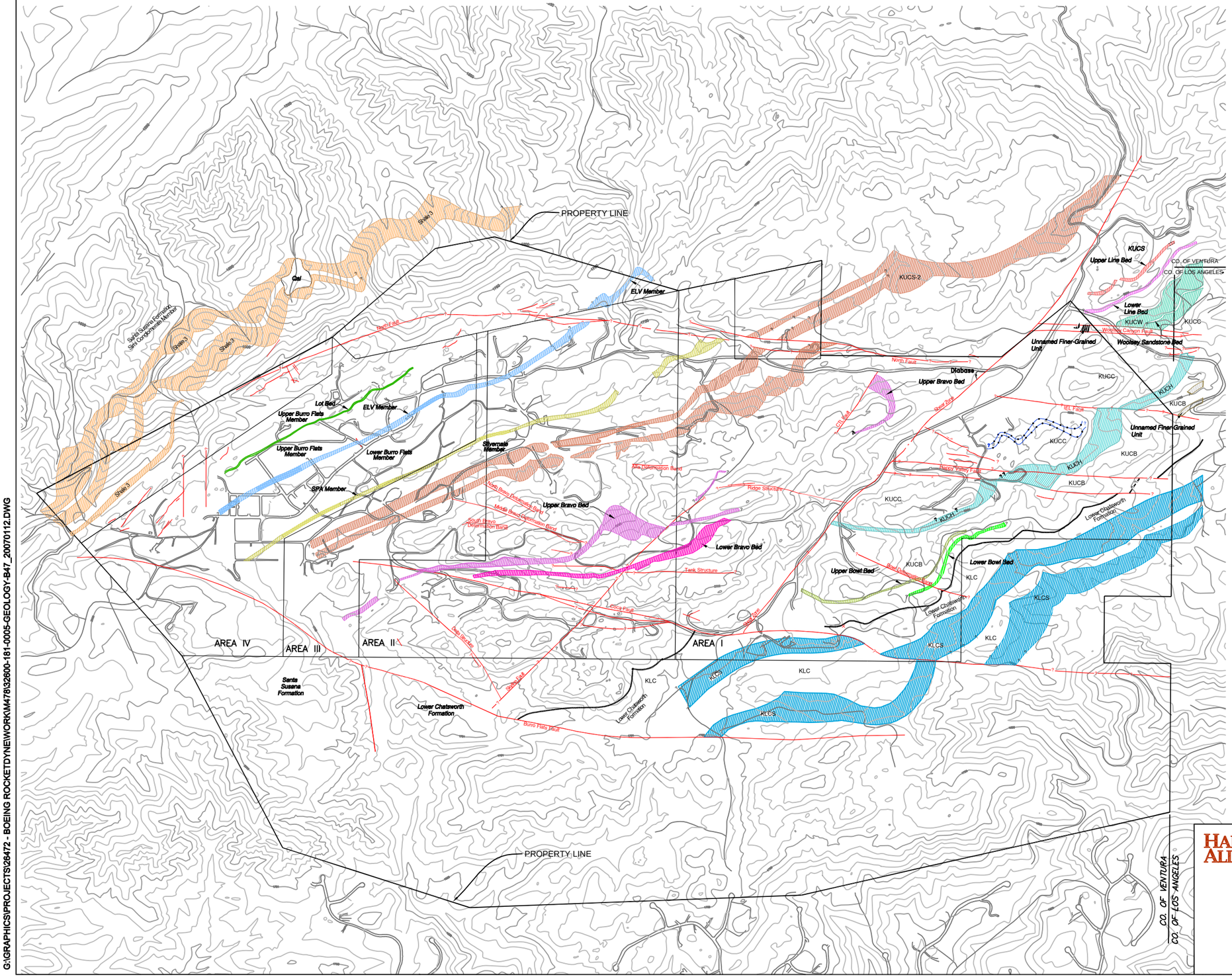
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

CHATSWORTH FORMATION WATER LEVEL ELEVATION CONTOUR MAP - NOVEMBER 2006

SCALE: AS SHOWN
FEBRUARY 2007

FIGURE 4

G:\Graphics\Projects\26472-ROC\ROC_GIS_2002495_SSFL_2006_ANNUAL-32600-181-0004.MXD



G:\GRAPHICS\PROJECTS\26472 - BOEING ROCKETDYNE\WORK\M47\832600-181-0005-GEOLOGY-B47_20070112.DWG

EXPLANATION

FAULT OR SHEAR ZONE - DASHED FOR APPROXIMATE LOCATION, QUERIED WHERE UNCERTAIN

STRATIGRAPHIC COLUMN

- QAL — Quaternary Alluvium
- Santa Susana Formation
- Simi Conglomerate Member
- SHALE 3 - KUCS-3
- KUCUB — Upper Burro Flats Member - KUCUB
  - Lot Bed
- ELV Member - KUCE / ELV Member (Interpreted)
- KUCLB — Lower Burro Flats Member - KUCLB
- Spa Member - KUCSA / Spa Member (Interpreted)
- KUCSN — Silvernale Member - KUCSN
- Shale 2 - KUCS-2
- KUCS — Sage Member - KUCS
  - Upper Bravo Bed
  - Lower Bravo Bed
  - Upper Line Bed
  - Lower Line Bed
- Woolsey Member - KUCW
  - Woolsey Sandstone Bed
- KUCC — Canyon Member - KUCC / Unnamed Finer-Grained Unit
  - Upper Canyon Bed
  - Lower Canyon Bed
- Happy Valley Member - KUCH
- KUCB — Bowl Member - KUCB / Unnamed Finer-Grained Unit
  - Upper Bowl Bed
  - Lower Bowl Bed

UPPER CHATSWORTH FORMATION: SANDSTONE 2; SAGE MEMBER; SANDSTONE 1

Contact between Lower Chatsworth Formation and Upper Chatsworth Formation

KLC — Lower Chatsworth Formation - KLC / KLCS

Geologic Map and Stratigraphy provided by MWH.

Stratigraphic Column does not include the diabase.

The geologic features depicted on this figure reflect the understanding and interpretation of both the stratigraphy and structure at the SSFL and are based on approximately five years of field and office evaluations. A report supporting the basis for these interpretations is scheduled to be issued during 2007.

The locations where the finer-grained members Shale 2 and the Spa Member are shown as discontinuous are solely related to the lack of accessible surface exposure, due to the presence of site features. It should not be inferred that these units are discontinuous at these locations.

Please Note: The original version of this figure includes colorized features and shading. A black and white copy of the figure should not be used because it may not accurately represent the information presented.

N / W / E / S

0 — 1500 — 3000

SCALE IN FEET

ANNUAL GROUNDWATER MONITORING REPORT, 2006

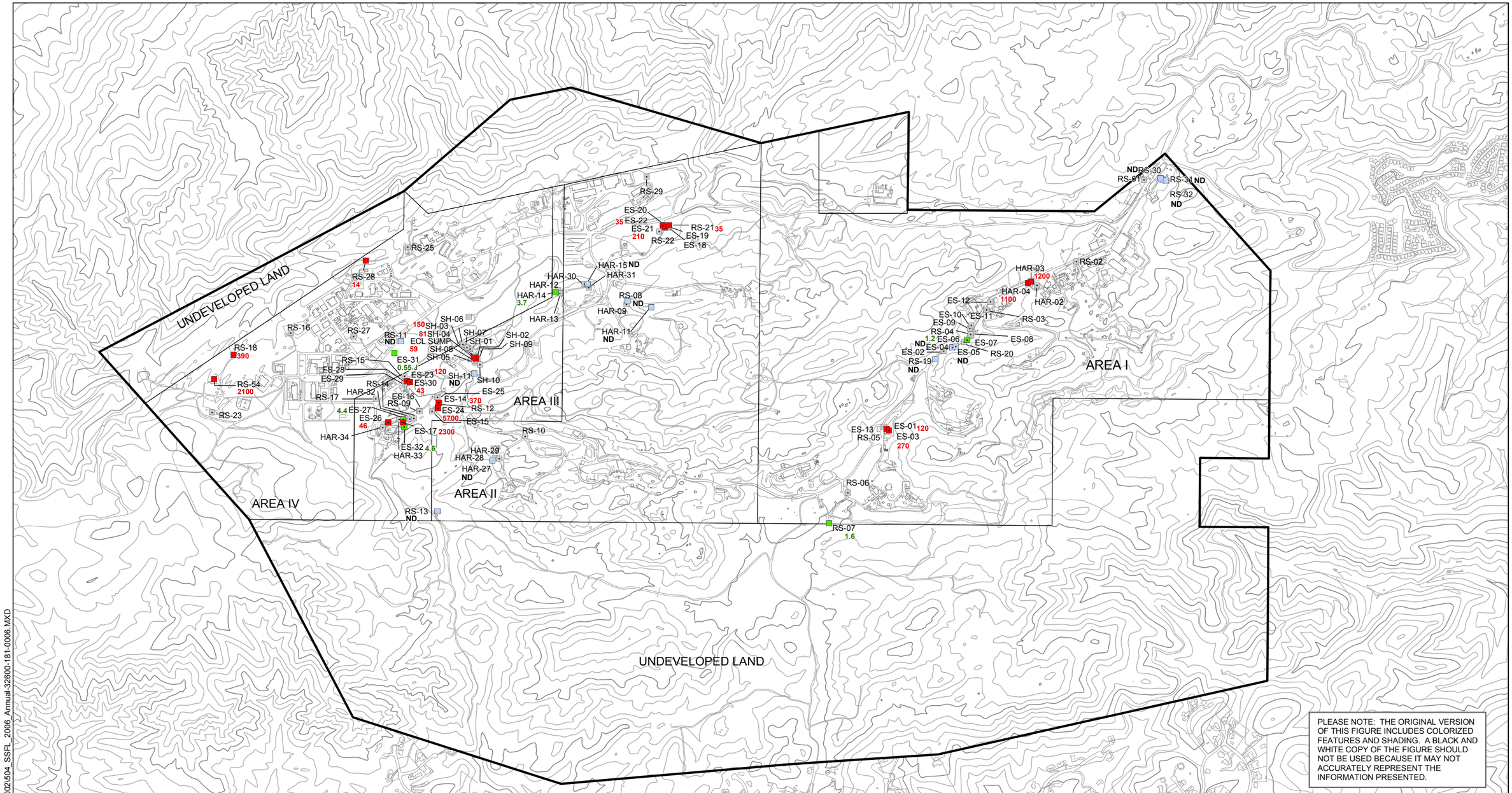
HALEY & ALDRICH

THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

GEOLOGIC MAP

SCALE: AS SHOWN
FEBRUARY 2007

FIGURE 5



PLEASE NOTE: THE ORIGINAL VERSION OF THIS FIGURE INCLUDES COLORIZED FEATURES AND SHADING. A BLACK AND WHITE COPY OF THE FIGURE SHOULD NOT BE USED BECAUSE IT MAY NOT ACCURATELY REPRESENT THE INFORMATION PRESENTED.

LEGEND

WELLS NOT SAMPLED

- SHALLOW MONITORING WELL
- SHALLOW EXTRACTION WELL
- PROPERTY BOUNDARY LINE

- MAXIMUM CONCENTRATION >= 5 UG/L
- MAXIMUM CONCENTRATION < 5 UG/L
- NOT DETECTED (ND)
- SAMPLED; LABORATORY, FIELD, OR EQUIPMENT CONTAMINANT OR RESULT REJECTED; VALUE NOT PLOTTED

LABORATORY, FIELD, AND EQUIPMENT CONTAMINANTS INCLUDED IN REPORT TABLES ARE NOT PLOTTED ON THIS FIGURE.

J = ESTIMATED VALUE. ANALYTE DETECTED AT A LEVEL LESS THAN THE REPORTING LIMIT (RL) AND GREATER THAN OR EQUAL TO THE METHOD DETECTION LIMIT (MDL).

THE CALIFORNIA MAXIMUM CONTAMINANT LEVEL FOR TRICHLOROETHENE IN DRINKING WATER IS 5 UG/L.

N
W E
S

0 700 1400 2800

SCALE IN FEET

ANNUAL GROUNDWATER MONITORING REPORT, 2006

HALEY & ALDRICH

THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

MAXIMUM CONCENTRATION OF TRICHLOROETHENE IN NEAR-SURFACE GROUNDWATER, 2006

SCALE: AS SHOWN
FEBRUARY 2007

FIGURE 6

G:\Graphics\Projects\26472-ROC\ROC_GIS_2002\504_SSFL_2006_Annual\32600-181-0006.MXD

UNDEVELOPED LAND

AREA I

AREA II

AREA III

AREA IV

UNDEVELOPED LAND

RS-29
ES-20
3 ES-22
ES-21 61
RS-21 2.6
ES-19
RS-22
ES-18
RS-25
RS-28 1
HAR-15 ND
HAR-31
HAR-30
HAR-12
HAR-14 ND
HAR-13
RS-08 50
HAR-09
HAR-11 5.8
SH-06
SH-03 20
SH-04 12
SH-07
SH-01
SH-02
SH-09
SH-08
SH-05
SH-11 0.35 J
SH-10
RS-16
RS-27
RS-11 ND
ECL SUMP 10
RS-18 5.2
RS-15
ES-31 ND
ES-28
ES-23
ES-29
ES-30
RS-14
RS-54 34 J
HAR-32
ES-16
RS-09
RS-17
RS-23
ES-27 ND
ES-26 ND
ES-14 11
ES-24 320
RS-12
ES-25
ES-15
ES-17 450
HAR-34
ES-32 J
HAR-33
RS-10
HAR-29
HAR-28
HAR-27 6.2
RS-13 ND
RS-30 ND
RS-01
RS-31 ND
RS-32 ND
RS-02
HAR-03 23
HAR-04 51
HAR-02
ES-12
ES-11
ES-10
ES-09
RS-03
RS-04
ES-06 0.8 J
ES-07
ES-08
ES-04 ND
ES-05 0.41 J
ES-02
RS-20
RS-19 ND
ES-13
RS-05
ES-01 140
ES-03 83 J
RS-06
RS-07 0.86 J

PLEASE NOTE: THE ORIGINAL VERSION OF THIS FIGURE INCLUDES COLORIZED FEATURES AND SHADING. A BLACK AND WHITE COPY OF THE FIGURE SHOULD NOT BE USED BECAUSE IT MAY NOT ACCURATELY REPRESENT THE INFORMATION PRESENTED.

LEGEND

WELLS NOT SAMPLED

- SHALLOW MONITORING WELL
- SHALLOW EXTRACTION WELL
- PROPERTY BOUNDARY LINE

- MAXIMUM CONCENTRATION >= 6 UG/L
- MAXIMUM CONCENTRATION < 6 UG/L
- NOT DETECTED (ND)
- SAMPLED; LABORATORY, FIELD, OR EQUIPMENT CONTAMINANT OR RESULT REJECTED; VALUE NOT PLOTTED

LABORATORY, FIELD, AND EQUIPMENT CONTAMINANTS INCLUDED IN REPORT TABLES ARE NOT PLOTTED ON THIS FIGURE.

J = ESTIMATED VALUE. ANALYTE DETECTED AT A LEVEL LESS THAN THE REPORTING LIMIT (RL) AND GREATER THAN OR EQUAL TO THE METHOD DETECTION LIMIT (MDL).

THE CALIFORNIA MAXIMUM CONTAMINANT LEVEL FOR CIS-1,2-DICHLOROETHENE IN DRINKING WATER IS 6 UG/L.

N
W E
S

0 700 1400 2800
SCALE IN FEET

ANNUAL GROUNDWATER MONITORING REPORT, 2006

HALEY & ALDRICH

THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

MAXIMUM CONCENTRATION OF CIS-1,2-DICHLOROETHENE IN NEAR-SURFACE GROUNDWATER, 2006

SCALE: AS SHOWN
FEBRUARY 2007

FIGURE 7

G:\Graphics\Projects\26472-ROC\ROC_GIS_2002\536_SSFL_2006_Annual\32600-181-0007.MXD

OS-09 ND
OS-09R and OS-10
Not Sampled for this Analyte in 2006

UNDEVELOPED LAND

AREA I

AREA II

AREA III

AREA IV

UNDEVELOPED LAND

UNDEVELOPED LAND

WELLS WITH FLUTES DURING 2006 SAMPLING:
RD-07, RD-21, RD-22, RD-23, RD-33A, RD-50, RD-54A, RD-57, RD-64, RD-65, RD-72

PLEASE NOTE: THE ORIGINAL VERSION OF THIS FIGURE INCLUDES COLORIZED FEATURES AND SHADING. A BLACK AND WHITE COPY OF THE FIGURE SHOULD NOT BE USED BECAUSE IT MAY NOT ACCURATELY REPRESENT THE INFORMATION PRESENTED.

LEGEND

WELLS NOT SAMPLED

- CHATSWORTH FORMATION MONITORING WELL
- CHATSWORTH FORMATION EXTRACTION WELL
- SPRINGS
- PROPERTY BOUNDARY LINE

- MAXIMUM CONCENTRATION >= 5 UG/L
- MAXIMUM CONCENTRATION < 5 UG/L
- NOT DETECTED (ND)
- SAMPLED; LABORATORY, FIELD, OR EQUIPMENT CONTAMINANT OR RESULT REJECTED; VALUE NOT PLOTTED

LABORATORY, FIELD, AND EQUIPMENT CONTAMINANTS INCLUDED IN REPORT TABLES ARE NOT PLOTTED ON THIS FIGURE.

J = ESTIMATED VALUE. ANALYTE DETECTED AT A LEVEL LESS THAN THE REPORTING LIMIT (RL) AND GREATER THAN OR EQUAL TO THE METHOD DETECTION LIMIT (MDL).

THE CALIFORNIA MAXIMUM CONTAMINANT LEVEL FOR TRICHLOROETHENE IN DRINKING WATER IS 5 UG/L.

N
W E
S

0 700 1400 2800
SCALE IN FEET

ANNUAL GROUNDWATER MONITORING REPORT, 2006

HALEY & ALDRICH

THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

MAXIMUM CONCENTRATION OF TRICHLOROETHENE IN CHATSWORTH FORMATION GROUNDWATER, 2006

SCALE: AS SHOWN
FEBRUARY 2007

FIGURE 8

G:\Graphics\Projects\26472-ROC\ROC_GIS_2002\533_SSFL_2006_Annual\32600-181-0008.MXD

OS-09 ND
OS-09R and OS-10
Not Sampled for this Analyte in 2006

UNDEVELOPED LAND

AREA I

AREA II

AREA III

AREA IV

UNDEVELOPED LAND

UNDEVELOPED LAND

OS-02 ND
OS-03
OS-04 ND
OS-05
OS-08
OS-09B
OS-10
OS-12
OS-13
OS-15
OS-16 ND
OS-17 ND
OS-21
OS-24
OS-25
OS-26 ND
OS-27 ND
OS-28 ND
RD-01 990
RD-02 490
RD-03 1.2
RD-04 180
RD-05A ND
RD-05B ND
RD-05C ND
RD-06 ND
RD-07 71
RD-08
RD-09 57
RD-10 9.6 J
RD-11
RD-12
RD-13 ND
RD-14
RD-15 ND
RD-16 ND
RD-17 ND
RD-18 ND
RD-19 ND
RD-20
RD-21 520
RD-22 ND
RD-23 23
RD-24 0.46 J
RD-26 ND
RD-27 ND
RD-29 ND
RD-30 0.64 J
RD-31
RD-32 ND
RD-33A 2.8
RD-33B ND
RD-33C ND
RD-34A ND
RD-34B 1.6
RD-34C ND
RD-35A
RD-35B
RD-36A ND
RD-36B ND
RD-36C 89
RD-36D ND
RD-37 ND
RD-38A 66
RD-38B ND
RD-39A ND
RD-39B ND
RD-40
RD-41A 5.3
RD-41B 700
RD-41C
RD-42
RD-43A ND
RD-43B ND
RD-43C ND
RD-44 ND
RD-45A
RD-45B 26
RD-45C ND
RD-46A 210
RD-46B
RD-47 1.3
RD-48A ND
RD-48B ND
RD-48C ND
RD-49A 2600
RD-49B 290
RD-49C 120
RD-50 ND
RD-51A
RD-51B 17
RD-51C ND
RD-52A
RD-52B 5.6
RD-52C 0.12 J
RD-53 8.4
RD-54A 110
RD-54B ND
RD-54C ND
RD-55A 4.2
RD-55B 12
RD-56A
RD-56B ND
RD-57 ND
RD-58A 150
RD-58B ND
RD-58C 0.77 J
RD-59A ND
RD-59B ND
RD-59C ND
RD-60 19
RD-61 ND
RD-62 ND
RD-63 3.6
RD-64 420
RD-65 ND
RD-66 ND
RD-67 ND
RD-68A ND
RD-68B ND
RD-69 ND
RD-70 ND
RD-71 ND
RD-72 2000
RD-73 440
RD-74
RD-75
RD-76
RD-77
RD-78
RD-80
RD-81
RD-82
RD-83
RD-85
RD-86 ND
RD-87
RD-88
RD-89
RD-90
RD-91
RD-92 ND
RD-93
RD-94
RD-95
RD-96 ND
RD-97 ND
RS-24
WS-04A ND
WS-05 2.6
WS-06 72
WS-07
WS-08
WS-09 1300
WS-09A 2.9
WS-09B
WS-11
WS-12
WS-13
WS-14
WS-SP
HAR-01 100
HAR-05
HAR-06
HAR-07 2600 J
HAR-08 18 J
HAR-16
HAR-17 18
HAR-18 1600
HAR-19 160
HAR-20
HAR-21 150
HAR-22 7.1 J
HAR-23 ND
HAR-24 3.2
HAR-25
HAR-26 ND

WELLS WITH FLUTES DURING 2006 SAMPLING:
RD-07, RD-21, RD-22, RD-23, RD-33A, RD-50, RD-54A, RD-57, RD-64, RD-65, RD-72

PLEASE NOTE: THE ORIGINAL VERSION OF THIS FIGURE INCLUDES COLORIZED FEATURES AND SHADING. A BLACK AND WHITE COPY OF THE FIGURE SHOULD NOT BE USED BECAUSE IT MAY NOT ACCURATELY REPRESENT THE INFORMATION PRESENTED.

LEGEND

WELLS NOT SAMPLED
- CHATSWORTH FORMATION MONITORING WELL
- CHATSWORTH FORMATION EXTRACTION WELL
- SPRINGS
- PROPERTY BOUNDARY LINE

- MAXIMUM CONCENTRATION >= 6 UG/L
- MAXIMUM CONCENTRATION < 6 UG/L
- NOT DETECTED (ND)
- SAMPLED; LABORATORY, FIELD, OR EQUIPMENT CONTAMINANT OR RESULT REJECTED; VALUE NOT PLOTTED

LABORATORY, FIELD, AND EQUIPMENT CONTAMINANTS INCLUDED IN REPORT TABLES ARE NOT PLOTTED ON THIS FIGURE.

J = ESTIMATED VALUE. ANALYTE DETECTED AT A LEVEL LESS THAN THE REPORTING LIMIT (RL) AND GREATER THAN OR EQUAL TO THE METHOD DETECTION LIMIT (MDL).

THE CALIFORNIA MAXIMUM CONTAMINANT LEVEL FOR CIS-1,2-DICHLOROETHENE IN DRINKING WATER IS 6 UG/L.

N
W E
S

0 700 1400 2800
SCALE IN FEET

ANNUAL GROUNDWATER MONITORING REPORT, 2006

HALEY & ALDRICH

THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

MAXIMUM CONCENTRATION OF CIS-1,2-DICHLOROETHENE IN CHATSWORTH FORMATION GROUNDWATER, 2006

SCALE: AS SHOWN
FEBRUARY 2007

FIGURE 9

G:\Graphics\Projects\26472-ROC\ROC_GIS_2002\534_SSFL_2006_Annual-32600-181-0009.MXD

OS-09 ND
OS-09R and OS-10
Not Sampled for this Analyte in 2006

UNDEVELOPED LAND

AREA I

AREA II

AREA III

AREA IV

UNDEVELOPED LAND

UNDEVELOPED LAND

WELLS WITH FLUTES DURING 2006 SAMPLING:
RD-07, RD-21, RD-22, RD-23, RD-33A, RD-50, RD-54A, RD-57, RD-64, RD-65, RD-72

PLEASE NOTE: THE ORIGINAL VERSION OF THIS FIGURE INCLUDES COLORIZED FEATURES AND SHADING. A BLACK AND WHITE COPY OF THE FIGURE SHOULD NOT BE USED BECAUSE IT MAY NOT ACCURATELY REPRESENT THE INFORMATION PRESENTED.

LEGEND

WELLS NOT SAMPLED

- CHATSWORTH FORMATION MONITORING WELL
- CHATSWORTH FORMATION EXTRACTION WELL
- SHALLOW MONITORING WELL
- SHALLOW EXTRACTION WELL
- SPRINGS
- PROPERTY BOUNDARY LINE

- MAXIMUM CONCENTRATION >= 6 UG/L
- MAXIMUM CONCENTRATION < 6 UG/L
- NOT DETECTED (ND)
- SAMPLED; LABORATORY, FIELD, OR EQUIPMENT CONTAMINANT OR RESULT REJECTED; VALUE NOT PLOTTED

LABORATORY, FIELD, AND EQUIPMENT CONTAMINANTS INCLUDED IN REPORT TABLES ARE NOT PLOTTED ON THIS FIGURE.

J = ESTIMATED VALUE. ANALYTE DETECTED AT A LEVEL LESS THAN THE REPORTING LIMIT (RL) AND GREATER THAN OR EQUAL TO THE METHOD DETECTION LIMIT (MDL).

THE CALIFORNIA MAXIMUM CONTAMINANT LEVEL FOR 1,1-DICHLOROETHENE IN DRINKING WATER IS 6 UG/L.

N
W E
S

0 700 1400 2800
SCALE IN FEET

ANNUAL GROUNDWATER MONITORING REPORT, 2006

HALEY & ALDRICH

THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

MAXIMUM CONCENTRATION OF 1,1-DICHLOROETHENE IN GROUNDWATER, 2006

SCALE: AS SHOWN
FEBRUARY 2007

FIGURE 10

G:\Graphics\Projects\26472-ROC\ROC_GIS_2002\504_SSFL_2006_Annual\32600-181-0000.MXD

OS-09 ND
OS-09R and OS-10
Not Sampled for this Analyte in 2006

UNDEVELOPED LAND

AREA I

AREA II

AREA III

AREA IV

UNDEVELOPED LAND

UNDEVELOPED LAND

WELLS WITH FLUTES DURING 2006 SAMPLING:
RD-07, RD-21, RD-22, RD-23, RD-33A, RD-50, RD-54A, RD-57, RD-64, RD-65, RD-72

PLEASE NOTE: THE ORIGINAL VERSION OF THIS FIGURE INCLUDES COLORIZED FEATURES AND SHADING. A BLACK AND WHITE COPY OF THE FIGURE SHOULD NOT BE USED BECAUSE IT MAY NOT ACCURATELY REPRESENT THE INFORMATION PRESENTED.

LEGEND

WELLS NOT SAMPLED

- CHATSWORTH FORMATION MONITORING WELL
- CHATSWORTH FORMATION EXTRACTION WELL
- SHALLOW MONITORING WELL
- SHALLOW EXTRACTION WELL
- SPRINGS
- PROPERTY BOUNDARY LINE

- MAXIMUM CONCENTRATION >= 10 UG/L
- MAXIMUM CONCENTRATION < 10 UG/L
- NOT DETECTED (ND)
- SAMPLED; LABORATORY, FIELD, OR EQUIPMENT CONTAMINANT OR RESULT REJECTED; VALUE NOT PLOTTED

LABORATORY, FIELD, AND EQUIPMENT CONTAMINANTS INCLUDED IN REPORT TABLES ARE NOT PLOTTED ON THIS FIGURE.

J = ESTIMATED VALUE. ANALYTE DETECTED AT A LEVEL LESS THAN THE REPORTING LIMIT (RL) AND GREATER THAN OR EQUAL TO THE METHOD DETECTION LIMIT (MDL).

THE CALIFORNIA MAXIMUM CONTAMINANT LEVEL FOR TRANS-1,2-DICHLOROETHENE IN DRINKING WATER IS 10 UG/L.

N
W E
S

0 700 1400 2800
SCALE IN FEET

ANNUAL GROUNDWATER MONITORING REPORT, 2006

HALEY & ALDRICH

THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

MAXIMUM CONCENTRATION OF TRANS-1,2-DICHLOROETHENE IN GROUNDWATER, 2006

SCALE: AS SHOWN
FEBRUARY 2007

FIGURE 11

G:\Graphics\Projects\26472-ROC\ROC_GIS_2002\531_SSFL_2006_Annual-32600-181-0011.MXD

OS-09 ND
OS-09R and OS-10
Not Sampled for this Analyte in 2006

UNDEVELOPED LAND

AREA I

AREA II

AREA III

AREA IV

UNDEVELOPED LAND

WELLS WITH FLUTES DURING 2006 SAMPLING:
RD-07, RD-21, RD-22, RD-23, RD-33A, RD-50, RD-54A, RD-57, RD-64, RD-65, RD-72

PLEASE NOTE: THE ORIGINAL VERSION OF THIS FIGURE INCLUDES COLORIZED FEATURES AND SHADING. A BLACK AND WHITE COPY OF THE FIGURE SHOULD NOT BE USED BECAUSE IT MAY NOT ACCURATELY REPRESENT THE INFORMATION PRESENTED.

LEGEND

WELLS NOT SAMPLED

- CHATSWORTH FORMATION MONITORING WELL
- CHATSWORTH FORMATION EXTRACTION WELL
- SHALLOW MONITORING WELL
- SHALLOW EXTRACTION WELL
- SPRINGS
- PROPERTY BOUNDARY LINE

- MAXIMUM CONCENTRATION >= 5 UG/L
- MAXIMUM CONCENTRATION < 5 UG/L
- NOT DETECTED (ND)
- SAMPLED; LABORATORY, FIELD, OR EQUIPMENT CONTAMINANT OR RESULT REJECTED; VALUE NOT PLOTTED

LABORATORY, FIELD, AND EQUIPMENT CONTAMINANTS INCLUDED IN REPORT TABLES ARE NOT PLOTTED ON THIS FIGURE.

J = ESTIMATED VALUE. ANALYTE DETECTED AT A LEVEL LESS THAN THE REPORTING LIMIT (RL) AND GREATER THAN OR EQUAL TO THE METHOD DETECTION LIMIT (MDL).

THE CALIFORNIA MAXIMUM CONTAMINANT LEVEL FOR TETRACHLOROETHENE IN DRINKING WATER IS 5 UG/L.

N
W E
S

0 700 1400 2800
SCALE IN FEET

ANNUAL GROUNDWATER MONITORING REPORT, 2006

HALEY & ALDRICH

THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

MAXIMUM CONCENTRATION OF TETRACHLOROETHENE IN GROUNDWATER, 2006

SCALE: AS SHOWN
FEBRUARY 2007

FIGURE 12

G:\Graphics\Projects\26472-ROC\ROC_GIS_2002\532_SSFL_2006_Annual-32600-181-0012.MXD

OS-09R, OS-09, and OS-10
Not Sampled for this Analyte in 2006

UNDEVELOPED LAND

AREA I

AREA II

AREA III

AREA IV

UNDEVELOPED LAND

UNDEVELOPED LAND

WELLS WITH FLUTES DURING 2006 SAMPLING:
RD-07, RD-21, RD-22, RD-23, RD-33A, RD-50, RD-54A, RD-57, RD-64, RD-65, RD-72

PLEASE NOTE: THE ORIGINAL VERSION OF THIS FIGURE INCLUDES COLORIZED FEATURES AND SHADING. A BLACK AND WHITE COPY OF THE FIGURE SHOULD NOT BE USED BECAUSE IT MAY NOT ACCURATELY REPRESENT THE INFORMATION PRESENTED.

LEGEND

WELLS NOT SAMPLED

- CHATSWORTH FORMATION MONITORING WELL
- CHATSWORTH FORMATION EXTRACTION WELL
- SHALLOW MONITORING WELL
- SHALLOW EXTRACTION WELL
- SPRINGS
- PROPERTY BOUNDARY LINE

- MAXIMUM CONCENTRATION >= 3 UG/L
- MAXIMUM CONCENTRATION < 3 UG/L
- NOT DETECTED (ND)
- SAMPLED; LABORATORY, FIELD, OR EQUIPMENT CONTAMINANT OR RESULT REJECTED; VALUE NOT PLOTTED

LABORATORY, FIELD, AND EQUIPMENT CONTAMINANTS INCLUDED IN REPORT TABLES ARE NOT PLOTTED ON THIS FIGURE.

J = ESTIMATED VALUE. ANALYTE DETECTED AT A LEVEL LESS THAN THE REPORTING LIMIT (RL) AND GREATER THAN OR EQUAL TO THE METHOD DETECTION LIMIT (MDL).

THE CALIFORNIA NOTIFICATION LEVEL FOR 1,4-DIOXANE IN DRINKING WATER IS 3 UG/L.

N
W E
S

0 700 1400 2800
SCALE IN FEET

ANNUAL GROUNDWATER MONITORING REPORT, 2006

HALEY & ALDRICH

THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

MAXIMUM CONCENTRATION OF 1,4-DIOXANE IN GROUNDWATER, 2006

SCALE: AS SHOWN
FEBRUARY 2007

FIGURE 13

G:\Graphics\Projects\26472-ROC\ROC_GIS_2022\510_SSFL_2006_Annual-32600-181-0013.MXD

OS-09,OS-09R, and OS-10 ND

UNDEVELOPED LAND

AREA I

AREA II

AREA III

AREA IV

UNDEVELOPED LAND

UNDEVELOPED LAND

OS-08 ND
OS-27 ND
OS-26 ND
OS-25
OS-24
OS-02 ND
OS-03 ND
OS-05
OS-04 ND
OS-21
OS-16 ND
OS-15
OS-13
OS-28 ND
OS-17 ND
OS-12

RD-68A ND
RD-68B ND
RD-70 ND
RD-56A
RD-56B
RD-51C ND
RD-51B ND
RD-51A
RD-83 ND
RD-82 ND
WS-13 ND
RD-81 ND
WS-12 ND
RD-52A
RD-52B ND
RD-52C ND
RD-80 ND
RD-69
RD-29
RD-60
RD-14
WS-07
RD-26
ES-20
ES-22
ES-21
RD-09 ND
WS-SP
RS-21
ES-19
ES-18
RS-22
WS-09B ND
WS-04A ND
RD-39A ND
RD-39B ND
RD-36D ND
RD-36A ND
2.2 J
RD-84
RD-36B ND
RD-36C ND
RD-38B ND
RD-38A ND
RS-30
RS-01
RS-31
RS-32
RD-53
RD-72
RD-37 ND
RD-71 ND
RD-66 ND
RD-32 ND
RD-78 ND
WS-14 ND
RD-35B
RD-35A
RD-73
160
RS-02
RD-31
RD-43C ND
RD-43A ND
RD-43B ND
HAR-25
270
HAR-03
HAR-01
HAR-18
HAR-04
RD-45A
HAR-02
RD-77
340
HAR-24
340
RD-45B ND
RS-03
ES-12
ND
RD-45C
ES-10
ES-11
ES-09
RD-04
WS-05 ND
ES-06
ES-07
ES-08
ES-04
ES-05
RS-20
ES-02
RS-19 ND
RD-01 ND
RD-10
110
RD-76
RD-02 ND
ES-13
RS-05
ES-01
ES-03
RD-44 ND
RD-75 ND
RD-61
RS-06
RD-46B
RD-46A
RD-03
RS-07
RD-62
RD-48C
RD-48B
RD-48A
RD-05B
RD-05C
RD-05A
RD-06
RD-67
RD-40
RD-42
RS-13
WS-09A ND
RD-47 ND
WS-06 ND
WS-09 ND
RD-04 ND
WS-08
RD-49A ND
RD-49C ND
RD-49B ND
HAR-20 ND
HAR-19 ND
HAR-21
HAR-06
RS-08
HAR-09
HAR-11
HAR-05
HAR-13
HAR-12
HAR-14
HAR-23
HAR-30
HAR-31
HAR-15
HAR-22
RD-92
RD-15
RD-85
RD-86 ND
RD-18
RD-17
RD-16
SH-06
RS-24
SH-03
SH-04
SH-07
SH-01
SH-02
SH-09
RD-08
RD-11
RD-12
SH-11
SH-10
HAR-26
ES-23
ES-30
WS-11
ES-25
ES-14
ES-24
RS-12
ES-15
RS-10
RD-41A ND
RD-41C ND
RD-41B ND
HAR-08 ND
HAR-07 ND
HAR-17
ES-16
RS-09
RS-14
HAR-32
RS-17
ES-27
ES-26
RD-55B ND
RD-55A ND
HAR-34
ES-17
HAR-18 ND
ES-32
HAR-33
RD-58C
RD-58A ND
RD-58B ND
HAR-28
HAR-29
HAR-27
ES-31
ES-28
ES-29
RD-20
RS-15
RD-91
RD-54B
RD-54C
RD-54A
RD-23
RS-54
RD-64
RD-21
RD-13
RS-23
RD-50
RD-22
RD-65
RD-33C
RD-33A
RD-33B
RS-18
RD-57
RD-07
RS-16
RS-27
RD-29
RS-11
RD-74
RD-96
RD-97
RD-95
RD-88
RD-90
RD-93
RD-94
RD-87
RD-89
RD-30
RD-27
RS-28
RD-34C
RD-34A
RD-34B
RD-63
RD-19
RS-25
RD-59B ND
RD-59A ND
RD-59C ND
OS-04 ND

WELLS WITH FLUTES DURING 2006 SAMPLING:
RD-07, RD-21, RD-22, RD-23, RD-33A, RD-50, RD-54A, RD-57, RD-64, RD-65, RD-72

PLEASE NOTE: THE ORIGINAL VERSION OF THIS FIGURE INCLUDES COLORIZED FEATURES AND SHADING. A BLACK AND WHITE COPY OF THE FIGURE SHOULD NOT BE USED BECAUSE IT MAY NOT ACCURATELY REPRESENT THE INFORMATION PRESENTED.

LEGEND

WELLS NOT SAMPLED

- CHATSWORTH FORMATION MONITORING WELL
- CHATSWORTH FORMATION EXTRACTION WELL
- SHALLOW MONITORING WELL
- SHALLOW EXTRACTION WELL
- SPRINGS
- PROPERTY BOUNDARY LINE

- MAXIMUM CONCENTRATION >= 6 UG/L
- MAXIMUM CONCENTRATION < 6 UG/L
- NOT DETECTED (ND)
- SAMPLED; LABORATORY, FIELD, OR EQUIPMENT CONTAMINANT OR RESULT REJECTED; VALUE NOT PLOTTED

LABORATORY, FIELD, AND EQUIPMENT CONTAMINANTS INCLUDED IN REPORT TABLES ARE NOT PLOTTED ON THIS FIGURE.

J = ESTIMATED VALUE. ANALYTE DETECTED AT A LEVEL LESS THAN THE REPORTING LIMIT (RL) AND GREATER THAN OR EQUAL TO THE METHOD DETECTION LIMIT (MDL).

THE CALIFORNIA NOTIFICATION LEVEL FOR PERCHLORATE IN DRINKING WATER IS 6 UG/L.

N
W E
S

0 700 1400 2800
SCALE IN FEET

ANNUAL GROUNDWATER MONITORING REPORT, 2006

HALEY & ALDRICH

THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

MAXIMUM CONCENTRATION OF PERCHLORATE IN GROUNDWATER, 2006

SCALE: AS SHOWN
FEBRUARY 2007

FIGURE 14

G:\Graphics\Projects\26472-ROC\ROC_GIS_2002\509_SSFL_2006_Annual-32600-181-0014.MXD

OS-09R, OS-09, and OS-10
Not Sampled for this Analyte in 2006

UNDEVELOPED LAND

AREA I

AREA II

AREA III

AREA IV

WELLS WITH FLUTES DURING 2006 SAMPLING:
RD-07, RD-21, RD-22, RD-23, RD-33A, RD-50, RD-54A, RD-57, RD-64, RD-65, RD-72

PLEASE NOTE: THE ORIGINAL VERSION OF THIS FIGURE INCLUDES COLORIZED FEATURES AND SHADING. A BLACK AND WHITE COPY OF THE FIGURE SHOULD NOT BE USED BECAUSE IT MAY NOT ACCURATELY REPRESENT THE INFORMATION PRESENTED.

LEGEND

WELLS NOT SAMPLED

- CHATSWORTH FORMATION MONITORING WELL
- CHATSWORTH FORMATION EXTRACTION WELL
- SHALLOW MONITORING WELL
- SHALLOW EXTRACTION WELL
- SPRINGS
- PROPERTY BOUNDARY LINE

- MAXIMUM CONCENTRATION >= 0.01 UG/L
- MAXIMUM CONCENTRATION < 0.01 UG/L
- NOT DETECTED (ND)
- SAMPLED; LABORATORY, FIELD, OR EQUIPMENT CONTAMINANT OR RESULT REJECTED; VALUE NOT PLOTTED

LABORATORY, FIELD, AND EQUIPMENT CONTAMINANTS INCLUDED IN REPORT TABLES ARE NOT PLOTTED ON THIS FIGURE.

THE CALIFORNIA NOTIFICATION LEVEL FOR NDMA IN DRINKING WATER IS 0.01 UG/L.

N
W E
S

0 700 1400 2800
SCALE IN FEET

ANNUAL GROUNDWATER MONITORING REPORT, 2006

HALEY & ALDRICH

THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

MAXIMUM CONCENTRATION OF N-NITROSODIMETHYLAMINE (NDMA) IN GROUNDWATER, 2006

SCALE: AS SHOWN
FEBRUARY 2007

FIGURE 15

G:\Graphics\Projects\26472-ROC\ROC_GIS_2002\511_SSFL_2006_Annual-32600-181-0015.MXD

OS-09 ND
OS-09R and OS-10
Not Sampled for this Analyte in 2006

UNDEVELOPED LAND

AREA I

AREA II

AREA III

AREA IV

UNDEVELOPED LAND

UNDEVELOPED LAND

WELLS WITH FLUTES DURING 2006 SAMPLING:
RD-07, RD-21, RD-22, RD-23, RD-33A, RD-50, RD-54A, RD-57, RD-64, RD-65, RD-72

PLEASE NOTE: THE ORIGINAL VERSION OF THIS FIGURE INCLUDES COLORIZED FEATURES AND SHADING. A BLACK AND WHITE COPY OF THE FIGURE SHOULD NOT BE USED BECAUSE IT MAY NOT ACCURATELY REPRESENT THE INFORMATION PRESENTED.

LEGEND

WELLS NOT SAMPLED

- CHATSWORTH FORMATION MONITORING WELL
- CHATSWORTH FORMATION EXTRACTION WELL
- SHALLOW MONITORING WELL
- SHALLOW EXTRACTION WELL
- SPRINGS
- PROPERTY BOUNDARY LINE

- MAXIMUM DETECTED CONCENTRATION IN UG/L
- NOT DETECTED (ND)
- SAMPLED; LABORATORY, FIELD, OR EQUIPMENT CONTAMINANT OR RESULT REJECTED; VALUE NOT PLOTTED

LABORATORY, FIELD, AND EQUIPMENT CONTAMINANTS INCLUDED IN REPORT TABLES ARE NOT PLOTTED ON THIS FIGURE.

J = ESTIMATED VALUE. ANALYTE DETECTED AT A LEVEL LESS THAN THE REPORTING LIMIT (RL) AND GREATER THAN OR EQUAL TO THE METHOD DETECTION LIMIT (MDL).

CHLOROFORM DOES NOT HAVE A CALIFORNIA MAXIMUM CONTAMINANT LEVEL OR A CALIFORNIA NOTIFICATION LEVEL FOR DRINKING WATER.

N
W E
S

0 700 1400 2800
SCALE IN FEET

ANNUAL GROUNDWATER MONITORING REPORT, 2006

HALEY & ALDRICH

THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

MAXIMUM CONCENTRATION OF CHLOROFORM IN GROUNDWATER, 2006

SCALE: AS SHOWN
FEBRUARY 2007

FIGURE 16

G:\Graphics\Projects\26472-ROC\ROC_GIS_2002\515_SSFL_2006_Annual-32600-181-0016.MXD

OS-09 ND
OS-09R and OS-10
Not Sampled for this Analyte in 2006

UNDEVELOPED LAND

AREA I

AREA II

AREA III

AREA IV

UNDEVELOPED LAND

WELLS WITH FLUTES DURING 2006 SAMPLING:
RD-07, RD-21, RD-22, RD-23, RD-33A, RD-50, RD-54A, RD-57, RD-64, RD-65, RD-72

PLEASE NOTE: THE ORIGINAL VERSION OF THIS FIGURE INCLUDES COLORIZED FEATURES AND SHADING. A BLACK AND WHITE COPY OF THE FIGURE SHOULD NOT BE USED BECAUSE IT MAY NOT ACCURATELY REPRESENT THE INFORMATION PRESENTED.

LEGEND

WELLS NOT SAMPLED

- CHATSWORTH FORMATION MONITORING WELL
- CHATSWORTH FORMATION EXTRACTION WELL
- SHALLOW MONITORING WELL
- SHALLOW EXTRACTION WELL
- SPRINGS
- PROPERTY BOUNDARY LINE

- MAXIMUM CONCENTRATION >= 0.5 UG/L
- MAXIMUM CONCENTRATION < 0.5 UG/L
- NOT DETECTED (ND)
- SAMPLED; LABORATORY, FIELD, OR EQUIPMENT CONTAMINANT OR RESULT REJECTED; VALUE NOT PLOTTED

LABORATORY, FIELD, AND EQUIPMENT CONTAMINANTS INCLUDED IN REPORT TABLES ARE NOT PLOTTED ON THIS FIGURE.

J = ESTIMATED VALUE. ANALYTE DETECTED AT A LEVEL LESS THAN THE REPORTING LIMIT (RL) AND GREATER THAN OR EQUAL TO THE METHOD DETECTION LIMIT (MDL).

THE CALIFORNIA MAXIMUM CONTAMINANT LEVEL FOR CARBON TETRACHLORIDE IN DRINKING WATER IS 0.5 UG/L.

N
W E
S

0 700 1400 2800
SCALE IN FEET

ANNUAL GROUNDWATER MONITORING REPORT, 2006

HALEY & ALDRICH

THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

MAXIMUM CONCENTRATION OF CARBON TETRACHLORIDE IN GROUNDWATER, 2006

SCALE: AS SHOWN
FEBRUARY 2007

FIGURE 17

G:\Graphics\Projects\26472-ROC\ROC_GIS_2002\516_SSFL_2006_Annual-32600-181-0017.MXD

OS-09 ND
OS-09R and OS-10
Not Sampled for this Analyte in 2006

UNDEVELOPED LAND

AREA I

AREA II

AREA III

AREA IV

UNDEVELOPED LAND

WELLS WITH FLUTES DURING 2006 SAMPLING:
RD-07, RD-21, RD-22, RD-23, RD-33A, RD-50, RD-54A, RD-57, RD-64, RD-65, RD-72

PLEASE NOTE: THE ORIGINAL VERSION OF THIS FIGURE INCLUDES COLORIZED FEATURES AND SHADING. A BLACK AND WHITE COPY OF THE FIGURE SHOULD NOT BE USED BECAUSE IT MAY NOT ACCURATELY REPRESENT THE INFORMATION PRESENTED.

LEGEND

WELLS NOT SAMPLED

- CHATSWORTH FORMATION MONITORING WELL
- CHATSWORTH FORMATION EXTRACTION WELL
- SHALLOW MONITORING WELL
- SHALLOW EXTRACTION WELL
- SPRINGS
- PROPERTY BOUNDARY LINE

- MAXIMUM CONCENTRATION >= 1 UG/L
- MAXIMUM CONCENTRATION < 1 UG/L
- NOT DETECTED (ND)
- SAMPLED; LABORATORY, FIELD, OR EQUIPMENT CONTAMINANT OR RESULT REJECTED; VALUE NOT PLOTTED

LABORATORY, FIELD, AND EQUIPMENT CONTAMINANTS INCLUDED IN REPORT TABLES ARE NOT PLOTTED ON THIS FIGURE.

J = ESTIMATED VALUE. ANALYTE DETECTED AT A LEVEL LESS THAN THE REPORTING LIMIT (RL) AND GREATER THAN OR EQUAL TO THE METHOD DETECTION LIMIT (MDL).

THE CALIFORNIA MAXIMUM CONTAMINANT LEVEL FOR BENZENE IN DRINKING WATER IS 1 UG/L.

N
W E
S

0 700 1400 2800
SCALE IN FEET

ANNUAL GROUNDWATER MONITORING REPORT, 2006

HALEY & ALDRICH

THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

MAXIMUM CONCENTRATION OF BENZENE IN GROUNDWATER, 2006

SCALE: AS SHOWN
FEBRUARY 2007

FIGURE 18

G:\Graphics\Projects\26472-ROC\ROC_GIS_2002\517_SSFL_2006_Annual-32600-181-0018.MXD

OS-09 ND
OS-09R and OS-10
Not Sampled for this Analyte in 2006

UNDEVELOPED LAND

AREA I

AREA II

AREA III

AREA IV

UNDEVELOPED LAND

WELLS WITH FLUTES DURING 2006 SAMPLING:
RD-07, RD-21, RD-22, RD-23, RD-33A, RD-50, RD-54A, RD-57, RD-64, RD-65, RD-72

PLEASE NOTE: THE ORIGINAL VERSION OF THIS FIGURE INCLUDES COLORIZED FEATURES AND SHADING. A BLACK AND WHITE COPY OF THE FIGURE SHOULD NOT BE USED BECAUSE IT MAY NOT ACCURATELY REPRESENT THE INFORMATION PRESENTED.

LEGEND

WELLS NOT SAMPLED

- CHATSWORTH FORMATION MONITORING WELL
- CHATSWORTH FORMATION EXTRACTION WELL
- SHALLOW MONITORING WELL
- SHALLOW EXTRACTION WELL
- SPRINGS
- PROPERTY BOUNDARY LINE

- MAXIMUM CONCENTRATION >= 150 UG/L
- MAXIMUM CONCENTRATION < 150 UG/L
- NOT DETECTED (ND)
- SAMPLED; LABORATORY, FIELD, OR EQUIPMENT CONTAMINANT OR RESULT REJECTED; VALUE NOT PLOTTED

LABORATORY, FIELD, AND EQUIPMENT CONTAMINANTS INCLUDED IN REPORT TABLES ARE NOT PLOTTED ON THIS FIGURE.

J = ESTIMATED VALUE. ANALYTE DETECTED AT A LEVEL LESS THAN THE REPORTING LIMIT (RL) AND GREATER THAN OR EQUAL TO THE METHOD DETECTION LIMIT (MDL).

THE CALIFORNIA MAXIMUM CONTAMINANT LEVEL FOR TOLUENE IN DRINKING WATER IS 150 UG/L.

N
W E
S

0 700 1400 2800
SCALE IN FEET

ANNUAL GROUNDWATER MONITORING REPORT, 2006

HALEY & ALDRICH

THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

MAXIMUM CONCENTRATION OF TOLUENE IN GROUNDWATER, 2006

SCALE: AS SHOWN
FEBRUARY 2007

FIGURE 19

G:\Graphics\Projects\26472-ROC\ROC_GIS_2002\518_SSFL_2006_Annual-32600-181-0019.MXD

OS-09 ND
OS-09R and OS-10
Not Sampled for this Analyte in 2006

UNDEVELOPED LAND

AREA I

AREA II

AREA III

AREA IV

UNDEVELOPED LAND

WELLS WITH FLUTES DURING 2006 SAMPLING:
RD-07, RD-21, RD-22, RD-23, RD-33A, RD-50, RD-54A, RD-57, RD-64, RD-65, RD-72

PLEASE NOTE: THE ORIGINAL VERSION OF THIS FIGURE INCLUDES COLORIZED FEATURES AND SHADING. A BLACK AND WHITE COPY OF THE FIGURE SHOULD NOT BE USED BECAUSE IT MAY NOT ACCURATELY REPRESENT THE INFORMATION PRESENTED.

LEGEND

WELLS NOT SAMPLED

- CHATSWORTH FORMATION MONITORING WELL
- CHATSWORTH FORMATION EXTRACTION WELL
- SHALLOW MONITORING WELL
- SHALLOW EXTRACTION WELL
- SPRINGS
- PROPERTY BOUNDARY LINE

- MAXIMUM CONCENTRATION >= 300 UG/L
- MAXIMUM CONCENTRATION < 300 UG/L
- NOT DETECTED (ND)
- SAMPLED; LABORATORY, FIELD, OR EQUIPMENT CONTAMINANT OR RESULT REJECTED; VALUE NOT PLOTTED

LABORATORY, FIELD, AND EQUIPMENT CONTAMINANTS INCLUDED IN REPORT TABLES ARE NOT PLOTTED ON THIS FIGURE.

THE CALIFORNIA MAXIMUM CONTAMINANT LEVEL FOR ETHYLBENZENE IN DRINKING WATER IS 300 UG/L.

N
W E
S

0 700 1400 2800
SCALE IN FEET

ANNUAL GROUNDWATER MONITORING REPORT, 2006

HALEY & ALDRICH

THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

MAXIMUM CONCENTRATION OF ETHYLBENZENE IN GROUNDWATER, 2006

SCALE: AS SHOWN
FEBRUARY 2007

FIGURE 20

G:\Graphics\Projects\26472-ROC\ROC_GIS_2002\519_SSFL_2006_Annual-32600-181-0020.MXD

OS-09 ND
OS-09R and OS-10
Not Sampled for this Analyte in 2006

UNDEVELOPED LAND

UNDEVELOPED LAND

UNDEVELOPED LAND

AREA I

AREA II

AREA III

AREA IV

OS-02 ND
OS-03 ND
OS-04 ND
OS-05 ND
OS-08 ND
OS-09 ND
OS-10 ND
OS-12 ND
OS-13 ND
OS-15 ND
OS-16 ND
OS-17 ND
OS-21 ND
OS-24 ND
OS-25 ND
OS-26 ND
OS-27 ND
OS-28 ND

RD-05A ND
RD-05B ND
RD-05C ND
RD-06 ND
RD-07 ND
RD-08 ND
RD-09 ND
RD-10 ND
RD-11 ND
RD-12 ND
RD-13 ND
RD-14 ND
RD-15 ND
RD-16 ND
RD-17 ND
RD-18 ND
RD-19 ND
RD-21 ND
RD-22 ND
RD-23 ND
RD-24 ND
RD-25 ND
RD-26 ND
RD-27 ND
RD-28 ND
RD-29 ND
RD-30 ND
RD-31 ND
RD-32 ND
RD-33A ND
RD-33B ND
RD-33C ND
RD-34A ND
RD-34B ND
RD-34C ND
RD-35A ND
RD-35B ND
RD-36A ND
RD-36B ND
RD-36C ND
RD-36D ND
RD-37 ND
RD-38A ND
RD-38B ND
RD-39A ND
RD-39B ND
RD-40 ND
RD-41A ND
RD-41B ND
RD-41C ND
RD-42 ND
RD-43A ND
RD-43B ND
RD-43C ND
RD-44 ND
RD-45A ND
RD-45B ND
RD-45C ND
RD-46A ND
RD-46B ND
RD-47 ND
RD-48A ND
RD-48B ND
RD-48C ND
RD-49A ND
RD-49B ND
RD-49C ND
RD-50 ND
RD-51A ND
RD-51B ND
RD-51C ND
RD-52A ND
RD-52B ND
RD-52C ND
RD-53 ND
RD-54A ND
RD-54B ND
RD-54C ND
RD-55A ND
RD-55B ND
RD-56A ND
RD-56B ND
RD-57 ND
RD-58A ND
RD-58B ND
RD-58C ND
RD-59A ND
RD-59B ND
RD-59C ND
RD-61 ND
RD-62 ND
RD-63 ND
RD-64 ND
RD-65 ND
RD-66 ND
RD-67 ND
RD-68A ND
RD-68B ND
RD-69 ND
RD-70 ND
RD-71 ND
RD-72 ND
RD-73 ND
RD-74 ND
RD-75 ND
RD-76 ND
RD-77 ND
RD-78 ND
RD-80 ND
RD-81 ND
RD-82 ND
RD-83 ND
RD-85 ND
RD-86 ND
RD-87 ND
RD-88 ND
RD-89 ND
RD-90 ND
RD-91 ND
RD-92 ND
RD-93 ND
RD-94 ND
RD-95 ND
RD-96 ND
RD-97 ND
RS-01 ND
RS-02 ND
RS-03 ND
RS-04 ND
RS-05 ND
RS-06 ND
RS-07 ND
RS-09 ND
RS-10 ND
RS-11 ND
RS-12 ND
RS-13 ND
RS-14 ND
RS-15 ND
RS-16 ND
RS-17 ND
RS-18 ND
RS-19 ND
RS-20 ND
RS-21 ND
RS-22 ND
RS-23 ND
RS-24 ND
RS-25 ND
RS-26 ND
RS-27 ND
RS-28 ND
RS-29 ND
RS-30 ND
RS-31 ND
RS-32 ND
RS-54 ND
ES-01 ND
ES-02 ND
ES-03 ND
ES-04 ND
ES-05 ND
ES-06 ND
ES-07 ND
ES-08 ND
ES-09 ND
ES-10 ND
ES-11 ND
ES-12 ND
ES-13 ND
ES-14 ND
ES-15 ND
ES-16 ND
ES-17 ND
ES-18 ND
ES-19 ND
ES-20 ND
ES-21 ND
ES-22 ND
ES-23 ND
ES-24 ND
ES-25 ND
ES-26 ND
ES-27 ND
ES-28 ND
ES-29 ND
ES-30 ND
ES-31 ND
ES-32 ND
ES-33 ND
HAR-01 ND
HAR-02 ND
HAR-03 ND
HAR-04 ND
HAR-05 ND
HAR-06 ND
HAR-07 ND
HAR-08 ND
HAR-09 ND
HAR-10 ND
HAR-11 ND
HAR-12 ND
HAR-13 ND
HAR-14 ND
HAR-15 ND
HAR-16 ND
HAR-17 ND
HAR-18 ND
HAR-19 ND
HAR-20 ND
HAR-21 ND
HAR-22 ND
HAR-23 ND
HAR-24 ND
HAR-25 ND
HAR-26 ND
HAR-27 ND
HAR-28 ND
HAR-29 ND
HAR-30 ND
HAR-31 ND
HAR-32 ND
HAR-33 ND
HAR-34 ND
SH-01 ND
SH-02 ND
SH-03 ND
SH-04 ND
SH-05 ND
SH-06 ND
SH-07 ND
SH-08 ND
SH-09 ND
SH-10 ND
SH-11 ND
SH-13 ND
ECL SUMP ND
WS-04A ND
WS-05 ND
WS-06 ND
WS-07 ND
WS-08 ND
WS-09A ND
WS-09B ND
WS-11 ND
WS-12 ND
WS-13 ND
WS-14 ND
WS-SP ND

WELLS WITH FLUTES DURING 2006 SAMPLING:
RD-07, RD-21, RD-22, RD-23, RD-33A, RD-50, RD-54A, RD-57, RD-64, RD-65, RD-72

PLEASE NOTE: THE ORIGINAL VERSION OF THIS FIGURE INCLUDES COLORIZED FEATURES AND SHADING. A BLACK AND WHITE COPY OF THE FIGURE SHOULD NOT BE USED BECAUSE IT MAY NOT ACCURATELY REPRESENT THE INFORMATION PRESENTED.

LEGEND

WELLS NOT SAMPLED
- CHATSWORTH FORMATION MONITORING WELL
- CHATSWORTH FORMATION EXTRACTION WELL
- SHALLOW MONITORING WELL
- SHALLOW EXTRACTION WELL
- SPRINGS
- PROPERTY BOUNDARY LINE

- MAXIMUM CONCENTRATION >= 1750 UG/L
- MAXIMUM CONCENTRATION < 1750 UG/L
- NOT DETECTED (ND)
- SAMPLED; LABORATORY, FIELD, OR EQUIPMENT CONTAMINANT OR RESULT REJECTED; VALUE NOT PLOTTED

LABORATORY, FIELD, AND EQUIPMENT CONTAMINANTS INCLUDED IN REPORT TABLES ARE NOT PLOTTED ON THIS FIGURE.

THE CALIFORNIA MAXIMUM CONTAMINANT LEVEL FOR TOTAL XYLENES IN DRINKING WATER IS 1750 UG/L.

N
W E
S

0 700 1400 2800
SCALE IN FEET

ANNUAL GROUNDWATER MONITORING REPORT, 2006

HALEY & ALDRICH

THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

MAXIMUM CONCENTRATION OF M- & P-XYLENES IN GROUNDWATER, 2006

SCALE: AS SHOWN
FEBRUARY 2007

FIGURE 21

G:\Graphics\Projects\26472-ROC\ROC_GIS_2002\520_SSFL_2006_Annual-32600-181-0021.MXD

OS-09 ND
OS-09R and OS-10
Not Sampled for this Analyte in 2006

UNDEVELOPED LAND

AREA I

AREA II

AREA III

AREA IV

UNDEVELOPED LAND

UNDEVELOPED LAND

WELLS WITH FLUTES DURING 2006 SAMPLING:
RD-07, RD-21, RD-22, RD-23, RD-33A, RD-50, RD-54A, RD-57, RD-64, RD-65, RD-72

PLEASE NOTE: THE ORIGINAL VERSION OF THIS FIGURE INCLUDES COLORIZED FEATURES AND SHADING. A BLACK AND WHITE COPY OF THE FIGURE SHOULD NOT BE USED BECAUSE IT MAY NOT ACCURATELY REPRESENT THE INFORMATION PRESENTED.

LEGEND

WELLS NOT SAMPLED

- CHATSWORTH FORMATION MONITORING WELL
- CHATSWORTH FORMATION EXTRACTION WELL
- SHALLOW MONITORING WELL
- SHALLOW EXTRACTION WELL
- SPRINGS
- PROPERTY BOUNDARY LINE

- MAXIMUM CONCENTRATION >= 1750 UG/L
- MAXIMUM CONCENTRATION < 1750 UG/L
- NOT DETECTED (ND)
- SAMPLED; LABORATORY, FIELD, OR EQUIPMENT CONTAMINANT OR RESULT REJECTED; VALUE NOT PLOTTED

LABORATORY, FIELD, AND EQUIPMENT CONTAMINANTS INCLUDED IN REPORT TABLES ARE NOT PLOTTED ON THIS FIGURE.

THE CALIFORNIA MAXIMUM CONTAMINANT LEVEL FOR TOTAL XYLENES IN DRINKING WATER IS 1750 UG/L.

N
W E
S

0 700 1400 2800
SCALE IN FEET

ANNUAL GROUNDWATER MONITORING REPORT, 2006

HALEY & ALDRICH

THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

MAXIMUM CONCENTRATION OF O-XYLENE IN GROUNDWATER, 2006

SCALE: AS SHOWN
FEBRUARY 2007

FIGURE 22

G:\Graphics\Projects\26472-ROC\ROC_GIS_2002\521_SSFL_2006_Annual-32600-181-0022.MXD

OS-09 ND
OS-09R and OS-10
Not Sampled for this Analyte in 2006

UNDEVELOPED LAND

AREA I

AREA II

AREA III

AREA IV

UNDEVELOPED LAND

UNDEVELOPED LAND

WELLS WITH FLUTES DURING 2006 SAMPLING:
RD-07, RD-21, RD-22, RD-23, RD-33A, RD-50, RD-54A, RD-57, RD-64, RD-65, RD-72

PLEASE NOTE: THE ORIGINAL VERSION OF THIS FIGURE INCLUDES COLORIZED FEATURES AND SHADING. A BLACK AND WHITE COPY OF THE FIGURE SHOULD NOT BE USED BECAUSE IT MAY NOT ACCURATELY REPRESENT THE INFORMATION PRESENTED.

LEGEND

WELLS NOT SAMPLED

- CHATSWORTH FORMATION MONITORING WELL
- CHATSWORTH FORMATION EXTRACTION WELL
- SHALLOW MONITORING WELL
- SHALLOW EXTRACTION WELL
- SPRINGS
- PROPERTY BOUNDARY LINE

- MAXIMUM CONCENTRATION >= 5 UG/L
- MAXIMUM CONCENTRATION < 5 UG/L
- NOT DETECTED (ND)
- SAMPLED; LABORATORY, FIELD, OR EQUIPMENT CONTAMINANT OR RESULT REJECTED; VALUE NOT PLOTTED

LABORATORY, FIELD, AND EQUIPMENT CONTAMINANTS INCLUDED IN REPORT TABLES ARE NOT PLOTTED ON THIS FIGURE.

J = ESTIMATED VALUE. ANALYTE DETECTED AT A LEVEL LESS THAN THE REPORTING LIMIT (RL) AND GREATER THAN OR EQUAL TO THE METHOD DETECTION LIMIT (MDL).

THE CALIFORNIA MAXIMUM CONTAMINANT LEVEL FOR 1,1-DICHLOROETHANE IN DRINKING WATER IS 5 UG/L.

N
W E
S

0 700 1400 2800
SCALE IN FEET

ANNUAL GROUNDWATER MONITORING REPORT, 2006

HALEY & ALDRICH

THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

MAXIMUM CONCENTRATION OF
1,1-DICHLOROETHANE
IN GROUNDWATER, 2006

SCALE: AS SHOWN
FEBRUARY 2007

FIGURE 23

G:\Graphics\Projects\26472-ROC\ROC_GIS_2002\522_SSFL_2006_Annual-32600-181-0023.MXD

OS-09 ND
OS-09R and OS-10
Not Sampled for this Analyte in 2006

UNDEVELOPED LAND

AREA I

AREA II

AREA III

AREA IV

UNDEVELOPED LAND

WELLS WITH FLUTES DURING 2006 SAMPLING:
RD-07, RD-21, RD-22, RD-23, RD-33A, RD-50, RD-54A, RD-57, RD-64, RD-65, RD-72

PLEASE NOTE: THE ORIGINAL VERSION OF THIS FIGURE INCLUDES COLORIZED FEATURES AND SHADING. A BLACK AND WHITE COPY OF THE FIGURE SHOULD NOT BE USED BECAUSE IT MAY NOT ACCURATELY REPRESENT THE INFORMATION PRESENTED.

LEGEND

WELLS NOT SAMPLED

- CHATSWORTH FORMATION MONITORING WELL
- CHATSWORTH FORMATION EXTRACTION WELL
- SHALLOW MONITORING WELL
- SHALLOW EXTRACTION WELL
- SPRINGS
- PROPERTY BOUNDARY LINE

- MAXIMUM CONCENTRATION >= 0.5 UG/L
- MAXIMUM CONCENTRATION < 0.5 UG/L
- NOT DETECTED (ND)
- SAMPLED; LABORATORY, FIELD, OR EQUIPMENT CONTAMINANT OR RESULT REJECTED; VALUE NOT PLOTTED

LABORATORY, FIELD, AND EQUIPMENT CONTAMINANTS INCLUDED IN REPORT TABLES ARE NOT PLOTTED ON THIS FIGURE.

J = ESTIMATED VALUE. ANALYTE DETECTED AT A LEVEL LESS THAN THE REPORTING LIMIT (RL) AND GREATER THAN OR EQUAL TO THE METHOD DETECTION LIMIT (MDL).

THE CALIFORNIA MAXIMUM CONTAMINANT LEVEL FOR 1,2-DICHLOROETHANE IN DRINKING WATER IS 0.5 UG/L.

N
W E
S

0 700 1400 2800
SCALE IN FEET

ANNUAL GROUNDWATER MONITORING REPORT, 2006

HALEY & ALDRICH

THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

MAXIMUM CONCENTRATION OF 1,2-DICHLOROETHANE IN GROUNDWATER, 2006

SCALE: AS SHOWN
FEBRUARY 2007

FIGURE 24

G:\Graphics\Projects\26472-ROC\ROC_GIS_2002\504_SSFL_2006_Annual-32600-181-0000.MXD

OS-09 ND
OS-09R and OS-10
Not Sampled for this Analyte in 2006

UNDEVELOPED LAND

AREA I

AREA II

AREA III

AREA IV

UNDEVELOPED LAND

WELLS WITH FLUTES DURING 2006 SAMPLING:
RD-07, RD-21, RD-22, RD-23, RD-33A, RD-50, RD-54A, RD-57, RD-64, RD-65, RD-72

PLEASE NOTE: THE ORIGINAL VERSION OF THIS FIGURE INCLUDES COLORIZED FEATURES AND SHADING. A BLACK AND WHITE COPY OF THE FIGURE SHOULD NOT BE USED BECAUSE IT MAY NOT ACCURATELY REPRESENT THE INFORMATION PRESENTED.

LEGEND

WELLS NOT SAMPLED

- CHATSWORTH FORMATION MONITORING WELL
- CHATSWORTH FORMATION EXTRACTION WELL
- SHALLOW MONITORING WELL
- SHALLOW EXTRACTION WELL
- SPRINGS
- PROPERTY BOUNDARY LINE

- MAXIMUM CONCENTRATION >= 5 UG/L
- MAXIMUM CONCENTRATION < 5 UG/L
- NOT DETECTED (ND)
- SAMPLED; LABORATORY, FIELD, OR EQUIPMENT CONTAMINANT OR RESULT REJECTED; VALUE NOT PLOTTED

LABORATORY, FIELD, AND EQUIPMENT CONTAMINANTS INCLUDED IN REPORT TABLES ARE NOT PLOTTED ON THIS FIGURE.

J = ESTIMATED VALUE. ANALYTE DETECTED AT A LEVEL LESS THAN THE REPORTING LIMIT (RL) AND GREATER THAN OR EQUAL TO THE METHOD DETECTION LIMIT (MDL).

THE CALIFORNIA MAXIMUM CONTAMINANT LEVEL FOR METHYLENE CHLORIDE IN DRINKING WATER IS 5 UG/L.

N
W E
S

0 700 1400 2800
SCALE IN FEET

ANNUAL GROUNDWATER MONITORING REPORT, 2006

HALEY & ALDRICH

THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

MAXIMUM CONCENTRATION OF METHYLENE CHLORIDE IN GROUNDWATER, 2006

SCALE: AS SHOWN
FEBRUARY 2007

FIGURE 25

G:\Graphics\Projects\26472-ROC\ROC_GIS_2002\524_SSFL_2006_Annual-32600-181-0025.MXD

OS-09 ND
OS-09R and OS-10
Not Sampled for this Analyte in 2006

UNDEVELOPED LAND

AREA I

AREA II

AREA III

AREA IV

UNDEVELOPED LAND

WELLS WITH FLUTES DURING 2006 SAMPLING:
RD-07, RD-21, RD-22, RD-23, RD-33A, RD-50, RD-54A, RD-57, RD-64, RD-65, RD-72

PLEASE NOTE: THE ORIGINAL VERSION OF THIS FIGURE INCLUDES COLORIZED FEATURES AND SHADING. A BLACK AND WHITE COPY OF THE FIGURE SHOULD NOT BE USED BECAUSE IT MAY NOT ACCURATELY REPRESENT THE INFORMATION PRESENTED.

LEGEND

WELLS NOT SAMPLED

- CHATSWORTH FORMATION MONITORING WELL
- CHATSWORTH FORMATION EXTRACTION WELL
- SHALLOW MONITORING WELL
- SHALLOW EXTRACTION WELL
- SPRINGS
- PROPERTY BOUNDARY LINE

- MAXIMUM CONCENTRATION >= 200 UG/L
- MAXIMUM CONCENTRATION < 200 UG/L
- NOT DETECTED (ND)
- SAMPLED; LABORATORY, FIELD, OR EQUIPMENT CONTAMINANT OR RESULT REJECTED; VALUE NOT PLOTTED

LABORATORY, FIELD, AND EQUIPMENT CONTAMINANTS INCLUDED IN REPORT TABLES ARE NOT PLOTTED ON THIS FIGURE.

J = ESTIMATED VALUE. ANALYTE DETECTED AT A LEVEL LESS THAN THE REPORTING LIMIT (RL) AND GREATER THAN OR EQUAL TO THE METHOD DETECTION LIMIT (MDL).

THE CALIFORNIA MAXIMUM CONTAMINANT LEVEL FOR 1,1,1-TRICHLOROETHANE IN DRINKING WATER IS 200 UG/L.

N
W E
S

0 700 1400 2800
SCALE IN FEET

ANNUAL GROUNDWATER MONITORING REPORT, 2006

HALEY & ALDRICH

THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

MAXIMUM CONCENTRATION OF 1,1,1-TRICHLOROETHANE IN GROUNDWATER, 2006

SCALE: AS SHOWN
FEBRUARY 2007

FIGURE 26

G:\Graphics\Projects\26472-ROC\ROC_GIS_2002\504_SSFL_2006_Annual-32600-181-0000.MXD

OS-09 ND
OS-09R and OS-10
Not Sampled for this Analyte in 2006

UNDEVELOPED LAND

AREA I

AREA II

AREA III

AREA IV

UNDEVELOPED LAND

UNDEVELOPED LAND

WELLS WITH FLUTES DURING 2006 SAMPLING:
RD-07, RD-21, RD-22, RD-23, RD-33A, RD-50, RD-54A, RD-57, RD-64, RD-65, RD-72

PLEASE NOTE: THE ORIGINAL VERSION OF THIS FIGURE INCLUDES COLORIZED FEATURES AND SHADING. A BLACK AND WHITE COPY OF THE FIGURE SHOULD NOT BE USED BECAUSE IT MAY NOT ACCURATELY REPRESENT THE INFORMATION PRESENTED.

LEGEND

WELLS NOT SAMPLED

- CHATSWORTH FORMATION MONITORING WELL
- CHATSWORTH FORMATION EXTRACTION WELL
- SHALLOW MONITORING WELL
- SHALLOW EXTRACTION WELL
- SPRINGS
- PROPERTY BOUNDARY LINE

- MAXIMUM CONCENTRATION >= 5 UG/L
- MAXIMUM CONCENTRATION < 5 UG/L
- NOT DETECTED (ND)
- SAMPLED; LABORATORY, FIELD, OR EQUIPMENT CONTAMINANT OR RESULT REJECTED; VALUE NOT PLOTTED

LABORATORY, FIELD, AND EQUIPMENT CONTAMINANTS INCLUDED IN REPORT TABLES ARE NOT PLOTTED ON THIS FIGURE.

J = ESTIMATED VALUE. ANALYTE DETECTED AT A LEVEL LESS THAN THE REPORTING LIMIT (RL) AND GREATER THAN OR EQUAL TO THE METHOD DETECTION LIMIT (MDL).

THE CALIFORNIA MAXIMUM CONTAMINANT LEVEL FOR 1,1,2-TRICHLOROETHANE IN DRINKING WATER IS 5 UG/L.

N
W E
S

0 700 1400 2800
SCALE IN FEET

ANNUAL GROUNDWATER MONITORING REPORT, 2006

HALEY & ALDRICH

THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

MAXIMUM CONCENTRATION OF 1,1,2-TRICHLOROETHANE IN GROUNDWATER, 2006

SCALE: AS SHOWN
FEBRUARY 2007

FIGURE 27

G:\Graphics\Projects\26472-ROC\ROC_GIS_2002\504_SSFL_2006_Annual\32600-181-0000.MXD

OS-09 ND
OS-09R and OS-10
Not Sampled for this Analyte in 2006

UNDEVELOPED LAND

AREA I

AREA II

AREA III

AREA IV

UNDEVELOPED LAND

UNDEVELOPED LAND

WELLS WITH FLUTES DURING 2006 SAMPLING:
RD-07, RD-21, RD-22, RD-23, RD-33A, RD-50, RD-54A, RD-57, RD-64, RD-65, RD-72

PLEASE NOTE: THE ORIGINAL VERSION OF THIS FIGURE INCLUDES COLORIZED FEATURES AND SHADING. A BLACK AND WHITE COPY OF THE FIGURE SHOULD NOT BE USED BECAUSE IT MAY NOT ACCURATELY REPRESENT THE INFORMATION PRESENTED.

LEGEND

WELLS NOT SAMPLED

- CHATSWORTH FORMATION MONITORING WELL
- CHATSWORTH FORMATION EXTRACTION WELL
- SHALLOW MONITORING WELL
- SHALLOW EXTRACTION WELL
- SPRINGS
- PROPERTY BOUNDARY LINE

- MAXIMUM CONCENTRATION >= 0.5 UG/L
- MAXIMUM CONCENTRATION < 0.5 UG/L
- NOT DETECTED (ND)
- SAMPLED; LABORATORY, FIELD, OR EQUIPMENT CONTAMINANT OR RESULT REJECTED; VALUE NOT PLOTTED

LABORATORY, FIELD, AND EQUIPMENT CONTAMINANTS INCLUDED IN REPORT TABLES ARE NOT PLOTTED ON THIS FIGURE.

J = ESTIMATED VALUE. ANALYTE DETECTED AT A LEVEL LESS THAN THE REPORTING LIMIT (RL) AND GREATER THAN OR EQUAL TO THE METHOD DETECTION LIMIT (MDL).

THE CALIFORNIA MAXIMUM CONTAMINANT LEVEL FOR VINYL CHLORIDE IN DRINKING WATER IS 0.5 UG/L.

N
W E
S

0 700 1400 2800
SCALE IN FEET

ANNUAL GROUNDWATER MONITORING REPORT, 2006

HALEY & ALDRICH

THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

MAXIMUM CONCENTRATION OF VINYL CHLORIDE IN GROUNDWATER, 2006

SCALE: AS SHOWN
FEBRUARY 2007

FIGURE 28

G:\Graphics\Projects\26472-ROC\ROC_GIS_2002\504_SSFL_2006_Annual-32600-181-0000.MXD

OS-09 ND
OS-09R and OS-10
Not Sampled for this Analyte in 2006

UNDEVELOPED LAND

AREA I

AREA II

AREA III

AREA IV

UNDEVELOPED LAND

WELLS WITH FLUTES DURING 2006 SAMPLING:
RD-07, RD-21, RD-22, RD-23, RD-33A, RD-50, RD-54A, RD-57, RD-64, RD-65, RD-72

PLEASE NOTE: THE ORIGINAL VERSION OF THIS FIGURE INCLUDES COLORIZED FEATURES AND SHADING. A BLACK AND WHITE COPY OF THE FIGURE SHOULD NOT BE USED BECAUSE IT MAY NOT ACCURATELY REPRESENT THE INFORMATION PRESENTED.

LEGEND

WELLS NOT SAMPLED

- CHATSWORTH FORMATION MONITORING WELL
- CHATSWORTH FORMATION EXTRACTION WELL
- SHALLOW MONITORING WELL
- SHALLOW EXTRACTION WELL
- SPRINGS
- PROPERTY BOUNDARY LINE

- MAXIMUM DETECTED CONCENTRATION IN UG/L
- NOT DETECTED (ND)
- SAMPLED; LABORATORY, FIELD, OR EQUIPMENT CONTAMINANT OR RESULT REJECTED; VALUE NOT PLOTTED

LABORATORY, FIELD, AND EQUIPMENT CONTAMINANTS INCLUDED IN REPORT TABLES ARE NOT PLOTTED ON THIS FIGURE.

2-BUTANONE DOES NOT HAVE A CALIFORNIA MAXIMUM CONTAMINANT LEVEL OR A CALIFORNIA NOTIFICATION LEVEL FOR DRINKING WATER.

N
W E
S

0 700 1400 2800
SCALE IN FEET

ANNUAL GROUNDWATER MONITORING REPORT, 2006

HALEY & ALDRICH

THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

MAXIMUM CONCENTRATION OF
2-BUTANONE
IN GROUNDWATER, 2006

SCALE: AS SHOWN
FEBRUARY 2007

FIGURE 29

G:\Graphics\Projects\26472-ROC\ROC_GIS_2002\513_SSFL_2006_Annual-32600-181-0029.MXD

OS-09 ND
OS-09R and OS-10
Not Sampled for this Analyte in 2006

UNDEVELOPED LAND

AREA I

AREA II

AREA III

AREA IV

UNDEVELOPED LAND

WELLS WITH FLUTES DURING 2006 SAMPLING:
RD-07, RD-21, RD-22, RD-23, RD-33A, RD-50,
RD-54A, RD-57, RD-64, RD-65, RD-72

PLEASE NOTE: THE ORIGINAL VERSION OF THIS FIGURE INCLUDES COLORIZED FEATURES AND SHADING. A BLACK AND WHITE COPY OF THE FIGURE SHOULD NOT BE USED BECAUSE IT MAY NOT ACCURATELY REPRESENT THE INFORMATION PRESENTED.

LEGEND

WELLS NOT SAMPLED

- CHATSWORTH FORMATION MONITORING WELL
- CHATSWORTH FORMATION EXTRACTION WELL
- SHALLOW MONITORING WELL
- SHALLOW EXTRACTION WELL
- SPRINGS
- PROPERTY BOUNDARY LINE

- MAXIMUM DETECTED CONCENTRATION IN UG/L
- NOT DETECTED (ND)
- SAMPLED; LABORATORY, FIELD, OR EQUIPMENT CONTAMINANT OR RESULT REJECTED; VALUE NOT PLOTTED

LABORATORY, FIELD, AND EQUIPMENT CONTAMINANTS INCLUDED IN REPORT TABLES ARE NOT PLOTTED ON THIS FIGURE.

ACETONE DOES NOT HAVE A CALIFORNIA MAXIMUM CONTAMINANT LEVEL OR A CALIFORNIA NOTIFICATION LEVEL FOR DRINKING WATER.

N
W E
S

0 700 1400 2800
SCALE IN FEET

ANNUAL GROUNDWATER MONITORING REPORT, 2006

HALEY & ALDRICH

THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

MAXIMUM CONCENTRATION OF ACETONE IN GROUNDWATER, 2006

SCALE: AS SHOWN
FEBRUARY 2007

FIGURE 30

G:\Graphics\Projects\26472-ROC\ROC_GIS_2002\514_SSFL_2006_Annual-32600-181-0030.MXD

OS-09 ND
OS-09R and OS-10
Not Sampled for this Analyte in 2006

UNDEVELOPED LAND

AREA I

AREA II

AREA III

AREA IV

UNDEVELOPED LAND

WELLS WITH FLUTES DURING 2006 SAMPLING:
RD-07, RD-21, RD-22, RD-23, RD-33A, RD-50, RD-54A, RD-57, RD-64, RD-65, RD-72

PLEASE NOTE: THE ORIGINAL VERSION OF THIS FIGURE INCLUDES COLORIZED FEATURES AND SHADING. A BLACK AND WHITE COPY OF THE FIGURE SHOULD NOT BE USED BECAUSE IT MAY NOT ACCURATELY REPRESENT THE INFORMATION PRESENTED.

LEGEND

WELLS NOT SAMPLED

- CHATSWORTH FORMATION MONITORING WELL
- CHATSWORTH FORMATION EXTRACTION WELL
- SHALLOW MONITORING WELL
- SHALLOW EXTRACTION WELL
- SPRINGS
- PROPERTY BOUNDARY LINE

- MAXIMUM CONCENTRATION >= 150 UG/L
- MAXIMUM CONCENTRATION < 150 UG/L
- NOT DETECTED (ND)
- SAMPLED; LABORATORY, FIELD, OR EQUIPMENT CONTAMINANT OR RESULT REJECTED; VALUE NOT PLOTTED

LABORATORY, FIELD, AND EQUIPMENT CONTAMINANTS INCLUDED IN REPORT TABLES ARE NOT PLOTTED ON THIS FIGURE.

J = ESTIMATED VALUE. ANALYTE DETECTED AT A LEVEL LESS THAN THE REPORTING LIMIT (RL) AND GREATER THAN OR EQUAL TO THE METHOD DETECTION LIMIT (MDL).

THE CALIFORNIA MAXIMUM CONTAMINANT LEVEL FOR TRICHLOROFLUOROMETHANE IN DRINKING WATER IS 150 UG/L.

N
W E
S

0 700 1400 2800
SCALE IN FEET

ANNUAL GROUNDWATER MONITORING REPORT, 2006

HALEY & ALDRICH

THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

MAXIMUM CONCENTRATION OF TRICHLOROFLUOROMETHANE IN GROUNDWATER, 2006

SCALE: AS SHOWN
FEBRUARY 2007

FIGURE 31

G:\Graphics\Projects\26472-ROC\ROC_GIS_2002\504_SSFL_2006_Annual\32600-181-0000.MXD

OS-09 ND
OS-09R and OS-10
Not Sampled for this Analyte in 2006

UNDEVELOPED LAND

UNDEVELOPED LAND

UNDEVELOPED LAND

AREA I

AREA II

AREA III

AREA IV

WELLS WITH FLUTES DURING 2006 SAMPLING:
RD-07, RD-21, RD-22, RD-23, RD-33A, RD-50, RD-54A, RD-57, RD-64, RD-65, RD-72

PLEASE NOTE: THE ORIGINAL VERSION OF THIS FIGURE INCLUDES COLORIZED FEATURES AND SHADING. A BLACK AND WHITE COPY OF THE FIGURE SHOULD NOT BE USED BECAUSE IT MAY NOT ACCURATELY REPRESENT THE INFORMATION PRESENTED.

LEGEND

WELLS NOT SAMPLED

- CHATSWORTH FORMATION MONITORING WELL
- CHATSWORTH FORMATION EXTRACTION WELL
- SHALLOW MONITORING WELL
- SHALLOW EXTRACTION WELL
- SPRINGS
- PROPERTY BOUNDARY LINE

- MAXIMUM CONCENTRATION >= 1200 UG/L
- MAXIMUM CONCENTRATION < 1200 UG/L
- NOT DETECTED (ND)
- SAMPLED; LABORATORY, FIELD, OR EQUIPMENT CONTAMINANT OR RESULT REJECTED; VALUE NOT PLOTTED

LABORATORY, FIELD, AND EQUIPMENT CONTAMINANTS INCLUDED IN REPORT TABLES ARE NOT PLOTTED ON THIS FIGURE.

J = ESTIMATED VALUE. ANALYTE DETECTED AT A LEVEL LESS THAN THE REPORTING LIMIT (RL) AND GREATER THAN OR EQUAL TO THE METHOD DETECTION LIMIT (MDL).

THE CALIFORNIA MAXIMUM CONTAMINANT LEVEL FOR TRICHLOROTRIFLUOROETHANE IN DRINKING WATER IS 1200 UG/L.

N
W E
S

0 700 1400 2800
SCALE IN FEET

ANNUAL GROUNDWATER MONITORING REPORT, 2006

HALEY & ALDRICH

THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

MAXIMUM CONCENTRATION OF TRICHLOROTRIFLUOROETHANE (FREON 113) IN GROUNDWATER, 2006

SCALE: AS SHOWN
FEBRUARY 2007

FIGURE 32

G:\Graphics\Projects\26472-ROC\ROC_GIS_2002\529_SSFL_2006_Annual-32600-181-0032.MXD

OS-09R,OS-09, and OS-10
Not Sampled for this Analyte in 2006

UNDEVELOPED LAND

AREA I

AREA II

AREA III

AREA IV

UNDEVELOPED LAND

UNDEVELOPED LAND

WELLS WITH FLUTES DURING 2006 SAMPLING:
RD-07, RD-21, RD-22, RD-23, RD-33A, RD-50, RD-54A, RD-57, RD-64, RD-65, RD-72

PLEASE NOTE: THE ORIGINAL VERSION OF THIS FIGURE INCLUDES COLORIZED FEATURES AND SHADING. A BLACK AND WHITE COPY OF THE FIGURE SHOULD NOT BE USED BECAUSE IT MAY NOT ACCURATELY REPRESENT THE INFORMATION PRESENTED.

LEGEND

WELLS NOT SAMPLED

- CHATSWORTH FORMATION MONITORING WELL
- CHATSWORTH FORMATION EXTRACTION WELL
- SHALLOW MONITORING WELL
- SHALLOW EXTRACTION WELL
- SPRINGS
- PROPERTY BOUNDARY LINE

- MAXIMUM DETECTED CONCENTRATION
- NOT DETECTED (ND)
- SAMPLED; LABORATORY, FIELD, OR EQUIPMENT CONTAMINANT OR RESULT REJECTED; VALUE NOT PLOTTED

LABORATORY, FIELD, AND EQUIPMENT CONTAMINANTS INCLUDED IN REPORT TABLES ARE NOT PLOTTED ON THIS FIGURE.

J = ESTIMATED VALUE. ANALYTE DETECTED AT A LEVEL LESS THAN THE REPORTING LIMIT (RL) AND GREATER THAN OR EQUAL TO THE METHOD DETECTION LIMIT (MDL).

AMMONIA DOES NOT HAVE A CALIFORNIA MAXIMUM CONTAMINANT LEVEL OR A CALIFORNIA NOTIFICATION LEVEL FOR DRINKING WATER.

N
W E
S

0 700 1400 2800
SCALE IN FEET

ANNUAL GROUNDWATER MONITORING REPORT, 2006

HALEY & ALDRICH

THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

MAXIMUM CONCENTRATION OF AMMONIA AS NITROGEN IN GROUNDWATER, 2006

SCALE: AS SHOWN
FEBRUARY 2007

FIGURE 33

G:\Graphics\Projects\26472-ROC\ROC_GIS_2002\507_SSFL_2006_Annual-32600-181-0033.MXD

OS-09R 0.46
OS-09 and OS-10 Not Sampled for this Analyte in 2006

UNDEVELOPED LAND

AREA I

AREA II

AREA III

AREA IV

WELLS WITH FLUTES DURING 2006 SAMPLING:
RD-07, RD-21, RD-22, RD-23, RD-33A, RD-50, RD-54A, RD-57, RD-64, RD-65, RD-72

PLEASE NOTE: THE ORIGINAL VERSION OF THIS FIGURE INCLUDES COLORIZED FEATURES AND SHADING. A BLACK AND WHITE COPY OF THE FIGURE SHOULD NOT BE USED BECAUSE IT MAY NOT ACCURATELY REPRESENT THE INFORMATION PRESENTED.

LEGEND

WELLS NOT SAMPLED

- CHATSWORTH FORMATION MONITORING WELL
- CHATSWORTH FORMATION EXTRACTION WELL
- SHALLOW MONITORING WELL
- SHALLOW EXTRACTION WELL
- SPRINGS
- PROPERTY BOUNDARY LINE

- MAXIMUM CONCENTRATION >= 2 MG/L
- MAXIMUM CONCENTRATION < 2 MG/L
- NOT DETECTED (ND)
- SAMPLED; LABORATORY, FIELD, OR EQUIPMENT CONTAMINANT OR RESULT REJECTED; VALUE NOT PLOTTED

LABORATORY, FIELD, AND EQUIPMENT CONTAMINANTS INCLUDED IN REPORT TABLES ARE NOT PLOTTED ON THIS FIGURE.

J = ESTIMATED VALUE. ANALYTE DETECTED AT A LEVEL LESS THAN THE REPORTING LIMIT (RL) AND GREATER THAN OR EQUAL TO THE METHOD DETECTION LIMIT (MDL).

THE CALIFORNIA MAXIMUM CONTAMINANT LEVEL FOR FLUORIDE IN DRINKING WATER IS 2 MG/L.

N
W E
S

0 700 1400 2800
SCALE IN FEET

ANNUAL GROUNDWATER MONITORING REPORT, 2006

HALEY & ALDRICH

THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

MAXIMUM CONCENTRATION OF FLUORIDE IN GROUNDWATER, 2006

SCALE: AS SHOWN
FEBRUARY 2007

FIGURE 34

G:\Graphics\Projects\26472-ROC\ROC_GIS_2002\505_SSFL_2006_Annual-32600-181-0034.MXD

OS-09R, OS-09, and OS-10
Not Sampled for this Analyte in 2006

UNDEVELOPED LAND

AREA I

AREA II

AREA III

AREA IV

WELLS WITH FLUTES DURING 2006 SAMPLING:
RD-07, RD-21, RD-22, RD-23, RD-33A, RD-50, RD-54A, RD-57, RD-64, RD-65, RD-72

PLEASE NOTE: THE ORIGINAL VERSION OF THIS FIGURE INCLUDES COLORIZED FEATURES AND SHADING. A BLACK AND WHITE COPY OF THE FIGURE SHOULD NOT BE USED BECAUSE IT MAY NOT ACCURATELY REPRESENT THE INFORMATION PRESENTED.

LEGEND

WELLS NOT SAMPLED

- CHATSWORTH FORMATION MONITORING WELL
- CHATSWORTH FORMATION EXTRACTION WELL
- SHALLOW MONITORING WELL
- SHALLOW EXTRACTION WELL
- SPRINGS
- PROPERTY BOUNDARY LINE

- MAXIMUM CONCENTRATION >= 100 UG/L
- MAXIMUM CONCENTRATION < 100 UG/L
- NOT DETECTED (ND)
- SAMPLED; LABORATORY, FIELD, OR EQUIPMENT CONTAMINANT OR RESULT REJECTED; VALUE NOT PLOTTED

LABORATORY, FIELD, AND EQUIPMENT CONTAMINANTS INCLUDED IN REPORT TABLES ARE NOT PLOTTED ON THIS FIGURE.

J = ESTIMATED VALUE. ANALYTE DETECTED AT A LEVEL LESS THAN THE REPORTING LIMIT (RL) AND GREATER THAN OR EQUAL TO THE METHOD DETECTION LIMIT (MDL).

THE CALIFORNIA NOTIFICATION LEVEL FOR FORMALDEHYDE IN DRINKING WATER IS 100 UG/L.

N
W E
S

0 700 1400 2800
SCALE IN FEET

ANNUAL GROUNDWATER MONITORING REPORT, 2006

HALEY & ALDRICH

THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

MAXIMUM CONCENTRATION OF FORMALDEHYDE IN GROUNDWATER, 2006

SCALE: AS SHOWN
FEBRUARY 2007

FIGURE 35

G:\Graphics\Projects\26472-ROC\ROC_GIS_2002\506_SSFL_2006_Annual-32600-181-0035.MXD

OS-09R 0.53 J
OS-09 and OS-10 ND

UNDEVELOPED LAND

AREA I

AREA II

AREA III

AREA IV

WELLS WITH FLUTES DURING 2006 SAMPLING:
RD-07, RD-21, RD-22, RD-23, RD-33A, RD-50, RD-54A, RD-57, RD-64, RD-65, RD-72

PLEASE NOTE: THE ORIGINAL VERSION OF THIS FIGURE INCLUDES COLORIZED FEATURES AND SHADING. A BLACK AND WHITE COPY OF THE FIGURE SHOULD NOT BE USED BECAUSE IT MAY NOT ACCURATELY REPRESENT THE INFORMATION PRESENTED.

LEGEND

WELLS NOT SAMPLED

- CHATSWORTH FORMATION MONITORING WELL
- CHATSWORTH FORMATION EXTRACTION WELL
- SHALLOW MONITORING WELL
- SHALLOW EXTRACTION WELL
- SPRINGS
- PROPERTY BOUNDARY LINE

- MAXIMUM CONCENTRATION >= 45 MG/L
- MAXIMUM CONCENTRATION < 45 MG/L
- NOT DETECTED (ND)
- SAMPLED; LABORATORY, FIELD, OR EQUIPMENT CONTAMINANT OR RESULT REJECTED; VALUE NOT PLOTTED

LABORATORY, FIELD, AND EQUIPMENT CONTAMINANTS INCLUDED IN REPORT TABLES ARE NOT PLOTTED ON THIS FIGURE.

J = ESTIMATED VALUE. ANALYTE DETECTED AT A LEVEL LESS THAN THE REPORTING LIMIT (RL) AND GREATER THAN OR EQUAL TO THE METHOD DETECTION LIMIT (MDL).

THE CALIFORNIA MAXIMUM CONTAMINANT LEVEL FOR NITRATE AS NO3 IN DRINKING WATER IS 45 MG/L.

N W E S

0 700 1400 2800

SCALE IN FEET

ANNUAL GROUNDWATER MONITORING REPORT, 2006

HALEY & ALDRICH

THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

MAXIMUM CONCENTRATION OF NITRATE AS NO3 IN GROUNDWATER, 2006

SCALE: AS SHOWN
FEBRUARY 2007

FIGURE 36

G:\Graphics\Projects\26472-ROC\ROC_GIS_2002\508_SSFL_2006_Annual-32600-181-0036.MXD

OS-09R,OS-09 and OS-10
Not Sampled for this Analyte in 2006

UNDEVELOPED LAND

AREA I

AREA II

AREA III

AREA IV

WELLS WITH FLUTES DURING 2006 SAMPLING:
RD-07, RD-21, RD-22, RD-23, RD-33A, RD-50,
RD-54A, RD-57, RD-64, RD-65, RD-72

PLEASE NOTE: THE ORIGINAL VERSION OF THIS FIGURE INCLUDES COLORIZED FEATURES AND SHADING. A BLACK AND WHITE COPY OF THE FIGURE SHOULD NOT BE USED BECAUSE IT MAY NOT ACCURATELY REPRESENT THE INFORMATION PRESENTED.

LEGEND

WELLS NOT SAMPLED

- CHATSWORTH FORMATION MONITORING WELL
- CHATSWORTH FORMATION EXTRACTION WELL
- SHALLOW MONITORING WELL
- SHALLOW EXTRACTION WELL
- SPRINGS
- PROPERTY BOUNDARY LINE

- MAXIMUM CONCENTRATION >= 0.005 UG/L
- MAXIMUM CONCENTRATION < 0.005 UG/L
- NOT DETECTED (ND)
- SAMPLED; LABORATORY, FIELD, OR EQUIPMENT CONTAMINANT OR RESULT REJECTED; VALUE NOT PLOTTED

LABORATORY, FIELD, AND EQUIPMENT CONTAMINANTS INCLUDED IN REPORT TABLES ARE NOT PLOTTED ON THIS FIGURE.

J = ESTIMATED VALUE. ANALYTE DETECTED AT A LEVEL LESS THAN THE REPORTING LIMIT (RL) AND GREATER THAN OR EQUAL TO THE METHOD DETECTION LIMIT (MDL).

THE CALIFORNIA NOTIFICATION LEVEL FOR 1,2,3-TRICHLOROPROPANE IN DRINKING WATER IS 0.005 UG/L.

N
W E
S

0 700 1400 2800
SCALE IN FEET

ANNUAL GROUNDWATER MONITORING REPORT, 2006

HALEY & ALDRICH

THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

MAXIMUM CONCENTRATION OF 1,2,3-TRICHLOROPROPANE IN GROUNDWATER, 2006

SCALE: AS SHOWN
FEBRUARY 2007

FIGURE 37

G:\Graphics\Projects\26472-ROC\ROC_GIS_2002\512_SSFL_2006_Annual-32600-181-0037.MXD

UNDEVELOPED LAND

SPA-2
HAR-15
HAR-14
SPA-1
RS-08
ALFA-BRAVO
APTF-2
APTF-1
HAR-16
ECL
SH-04
STL-IV_1
STL-IV-2
HAR-17
DELTA
HAR-07

AREA IV
AREA III
AREA II
AREA I

UNDEVELOPED LAND

Please Note: The original version of this figure includes colorized features and shading. A black and white copy of the figure should not be used because it may not accurately represent the information presented.

Legend

- Sampled
- Not Sampled
- RCRA Impoundment

N
W
E
S

0 800 1,600
SCALE IN FEET

ANNUAL GROUNDWATER MONITORING REPORT, 2006

HALEY & ALDRICH

THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

LOCATION OF WELLS
SAMPLED FOR APPENDIX IX
CONSTITUENTS DURING 2006

SCALE: AS SHOWN
FEBRUARY 2007

FIGURE 38

G:\Graphics\Projects\26472 - Boeing Roc\ROC_GIS_2002\498_SSFL_AppIX_2006-32600-181-0038.mxd

UNDEVELOPED LAND

HAR-14	
Ba	0.029
Cd	0.00016 J
Co	0.00022 J
Cu	0.0011 J
Ni	0.00052 J
Pb	0.000073 J
S	0.046 J
Sb	0.00031 J
Se	0.0018 J
Tl	0.00024 J
V	0.0017 J
Zn	0.0057 J

RS-08	
As	0.0014 J
Ba	0.047
Cd	0.00068 J
Co	0.0011 J
Cu	0.0078
Ni	0.0042
S	0.04 J
Se	0.0019 J
Sn	0.0065 J
V	0.0016 J

HAR-16	
As	0.00052 J
Ba	0.017
Co	0.0001 J
Cu	0.00081 J
Ni	0.0021
Pb	0.0011
S	0.02 J
Se	0.0015 J
V	0.0014 J
Zn	2.4

HAR-15	
Ba	0.0093
Co	0.00029 J
Cu	0.021
Ni	0.0082
Pb	0.0017
Sb	0.00032 J
Se	0.00042 J
V	0.0042
Zn	0.018 J

SH-04	
As	0.0019
Ba	0.034
Be	0.00012 J
Cd	0.00018 J
Co	0.00035 J
Cr	0.0019 J
Cu	0.0041
Ni	0.0022
Pb	0.00098 J
S	0.035 J
Sb	0.00016 J
Se	0.00084 J
V	0.0033

HAR-17	
Ba	0.077
Cd	0.000036 J
Co	0.00088 J
Cu	0.0029
Ni	0.004
Pb	0.0013
S	0.033 J
Sb	0.00014 J
Se	0.0013 J
Zn	0.38

HAR-07	
Ba	0.019
Co	0.00023 J
Cr	0.00057 J
Cu	0.0042
Ni	0.0014 J
Pb	0.0017
S	0.035 J
Sb	0.000063 J
Se	0.00036 J
Sn	0.0039 J

SPA-2
HAR-15
HAR-14
SPA-1
RS-8
ALFA-BRAVO
APTF-2
APTF-1
HAR-16
ECL
SH-4
STL-IV_1
STL-IV-2
HAR-17
DELTA
HAR-7

AREA IV
AREA III
AREA II
AREA I

UNDEVELOPED LAND

Metal	Symbol
Silver	Ag
Arsenic	As
Barium	Ba
Beryllium	Be
Cadmium	Cd
Cobalt	Co
Chromium	Cr
Copper	Cu
Mercury	Hg
Nickel	Ni
Lead	Pb
Sulfide	S
Antimony	Sb
Selenium	Se
Tin	Sn
Thallium	Tl
Vanadium	V
Zinc	Zn

Please Note: The original version of this figure includes colorized features and shading. A black and white copy of the figure should not be used because it may not accurately represent the information presented.

Legend

- SAMPLED
- NOT SAMPLED
- RCRA IMPOUNDMENT

CONCENTRATIONS ARE IN MG/L. METALS, SULFIDE, AND CYANIDE THAT WERE NOT DETECTED ARE NOT LISTED ON THIS FIGURE.

N
W E
S

0 800 1,600
SCALE IN FEET

ANNUAL GROUNDWATER MONITORING REPORT, 2006

HALEY & ALDRICH

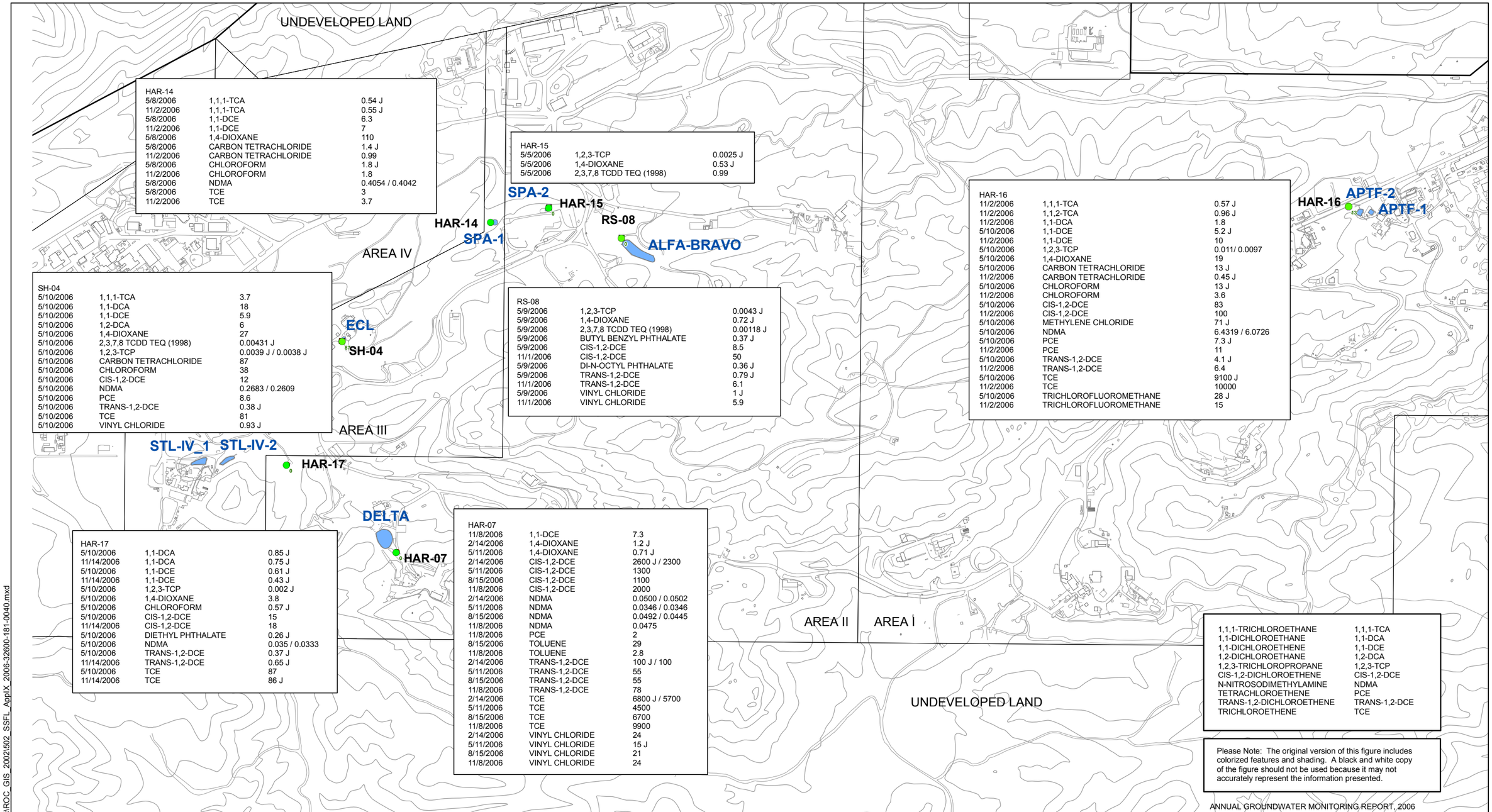
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

INORGANIC RESULTS FOR APPENDIX IX SAMPLES, 2006

SCALE: AS SHOWN
FEBRUARY 2007

FIGURE 39

G:\Graphics\Projects\26472 - Boeing Roc\ROC_GIS_2002\501_SSFL_AppIX_2006-32600-181-0039.mxd



HAR-14

5/8/2006	1,1,1-TCA	0.54 J
11/2/2006	1,1,1-TCA	0.55 J
5/8/2006	1,1-DCE	6.3
11/2/2006	1,1-DCE	7
5/8/2006	1,4-DIOXANE	110
5/8/2006	CARBON TETRACHLORIDE	1.4 J
11/2/2006	CARBON TETRACHLORIDE	0.99
5/8/2006	CHLOROFORM	1.8 J
11/2/2006	CHLOROFORM	1.8
5/8/2006	NDMA	0.4054 / 0.4042
5/8/2006	TCE	3
11/2/2006	TCE	3.7

HAR-15

5/5/2006	1,2,3-TCP	0.0025 J
5/5/2006	1,4-DIOXANE	0.53 J
5/5/2006	2,3,7,8 TCDD TEQ (1998)	0.99

HAR-16

11/2/2006	1,1,1-TCA	0.57 J
11/2/2006	1,1,2-TCA	0.96 J
11/2/2006	1,1-DCA	1.8
5/10/2006	1,1-DCE	5.2 J
11/2/2006	1,1-DCE	10
5/10/2006	1,2,3-TCP	0.011/ 0.0097
5/10/2006	1,4-DIOXANE	19
5/10/2006	CARBON TETRACHLORIDE	13 J
11/2/2006	CARBON TETRACHLORIDE	0.45 J
5/10/2006	CHLOROFORM	13 J
11/2/2006	CHLOROFORM	3.6
5/10/2006	CIS-1,2-DCE	83
11/2/2006	CIS-1,2-DCE	100
5/10/2006	METHYLENE CHLORIDE	71 J
5/10/2006	NDMA	6.4319 / 6.0726
5/10/2006	PCE	7.3 J
11/2/2006	PCE	11
5/10/2006	TRANS-1,2-DCE	4.1 J
11/2/2006	TRANS-1,2-DCE	6.4
5/10/2006	TCE	9100 J
11/2/2006	TCE	10000
5/10/2006	TRICHLOROFLUOROMETHANE	28 J
11/2/2006	TRICHLOROFLUOROMETHANE	15

SH-04

5/10/2006	1,1,1-TCA	3.7
5/10/2006	1,1-DCA	18
5/10/2006	1,1-DCE	5.9
5/10/2006	1,2-DCA	6
5/10/2006	1,4-DIOXANE	27
5/10/2006	2,3,7,8 TCDD TEQ (1998)	0.00431 J
5/10/2006	1,2,3-TCP	0.0039 J / 0.0038 J
5/10/2006	CARBON TETRACHLORIDE	87
5/10/2006	CHLOROFORM	38
5/10/2006	CIS-1,2-DCE	12
5/10/2006	NDMA	0.2683 / 0.2609
5/10/2006	PCE	8.6
5/10/2006	TRANS-1,2-DCE	0.38 J
5/10/2006	TCE	81
5/10/2006	VINYL CHLORIDE	0.93 J

RS-08

5/9/2006	1,2,3-TCP	0.0043 J
5/9/2006	1,4-DIOXANE	0.72 J
5/9/2006	2,3,7,8 TCDD TEQ (1998)	0.00118 J
5/9/2006	BUTYL BENZYL PHTHALATE	0.37 J
5/9/2006	CIS-1,2-DCE	8.5
11/1/2006	CIS-1,2-DCE	50
5/9/2006	DI-N-OCTYL PHTHALATE	0.36 J
5/9/2006	TRANS-1,2-DCE	0.79 J
11/1/2006	TRANS-1,2-DCE	6.1
5/9/2006	VINYL CHLORIDE	1 J
11/1/2006	VINYL CHLORIDE	5.9

HAR-17

5/10/2006	1,1-DCA	0.85 J
11/14/2006	1,1-DCA	0.75 J
5/10/2006	1,1-DCE	0.61 J
11/14/2006	1,1-DCE	0.43 J
5/10/2006	1,2,3-TCP	0.002 J
5/10/2006	1,4-DIOXANE	3.8
5/10/2006	CHLOROFORM	0.57 J
5/10/2006	CIS-1,2-DCE	15
11/14/2006	CIS-1,2-DCE	18
5/10/2006	DIETHYL PHTHALATE	0.26 J
5/10/2006	NDMA	0.035 / 0.0333
5/10/2006	TRANS-1,2-DCE	0.37 J
11/14/2006	TRANS-1,2-DCE	0.65 J
5/10/2006	TCE	87
11/14/2006	TCE	86 J

HAR-07

11/8/2006	1,1-DCE	7.3
2/14/2006	1,4-DIOXANE	1.2 J
5/11/2006	1,4-DIOXANE	0.71 J
2/14/2006	CIS-1,2-DCE	2600 J / 2300
5/11/2006	CIS-1,2-DCE	1300
8/15/2006	CIS-1,2-DCE	1100
11/8/2006	CIS-1,2-DCE	2000
2/14/2006	NDMA	0.0500 / 0.0502
5/11/2006	NDMA	0.0346 / 0.0346
8/15/2006	NDMA	0.0492 / 0.0445
11/8/2006	NDMA	0.0475
11/8/2006	PCE	2
8/15/2006	TOLUENE	29
11/8/2006	TOLUENE	2.8
2/14/2006	TRANS-1,2-DCE	100 J / 100
5/11/2006	TRANS-1,2-DCE	55
8/15/2006	TRANS-1,2-DCE	55
11/8/2006	TRANS-1,2-DCE	78
2/14/2006	TCE	6800 J / 5700
5/11/2006	TCE	4500
8/15/2006	TCE	6700
11/8/2006	TCE	9900
2/14/2006	VINYL CHLORIDE	24
5/11/2006	VINYL CHLORIDE	15 J
8/15/2006	VINYL CHLORIDE	21
11/8/2006	VINYL CHLORIDE	24

1,1,1-TRICHLOROETHANE	1,1,1-TCA
1,1-DICHLOROETHANE	1,1-DCA
1,1-DICHLOROETHENE	1,1-DCE
1,2-DICHLOROETHANE	1,2-DCA
1,2,3-TRICHLOROPROPANE	1,2,3-TCP
CIS-1,2-DICHLOROETHENE	CIS-1,2-DCE
N-NITROSODIMETHYLAMINE	NDMA
TETRACHLOROETHENE	PCE
TRANS-1,2-DICHLOROETHENE	TRANS-1,2-DCE
TRICHLOROETHENE	TCE

Please Note: The original version of this figure includes colorized features and shading. A black and white copy of the figure should not be used because it may not accurately represent the information presented.

LEGEND

- SAMPLED
- NOT SAMPLED
- RCRA IMPOUNDMENT

CONCENTRATIONS ARE IN UG/L. SECOND RESULT, IF LISTED, INDICATES A DUPLICATE SAMPLE.

N W E S

0 800 1,600

SCALE IN FEET

ANNUAL GROUNDWATER MONITORING REPORT, 2006

HALEY & ALDRICH

THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY

ORGANIC RESULTS FOR APPENDIX IX SAMPLES, 2006

SCALE: AS SHOWN
FEBRUARY 2007

FIGURE 40

G:\Graphics\Projects\26472 - Boeing Roc\ROC_GIS_2002\502_SSFL_AppIX_2006-32600-181-0040.mxd

UNDEVELOPED LAND

6

2

B204

7

RMHF

B/359

7

B/010

B/059

UNDEVELOPED LAND

WS-05 AREA UV/
HYDROGEN PEROXIDE
SYSTEM

HAPPY VALLEY

3

Burro Flats

8

FSDF

1a

AREA III

5

4

DELTA ASU

AREA IV

AREA II

AREA I

1b

9

UNDEVELOPED LAND

NPDES OUTFALL 002

NPDES OUTFALL 001

Please Note: The original version of this figure includes colorized features and shading. A black and white copy of the figure should not be used because it may not accurately represent the information presented.

G:\Graphics\Projects\26472 - Boeing Roc\ROC_GIS_2002\496_SSFL_2006_ANNUAL-32600-181-00041.mxd

ANNUAL GROUNDWATER MONITORING REPORT, 2006

LEGEND

- RFI GROUP
- SITE AREA BOUNDARY
- SITE FEATURE

NOTES:
RMHF = RADIOACTIVE MATERIALS HANDLING FACILITY
FSDF = FORMER SODIUM DISPOSAL FACILITY

N
W E
S

0 1400 2800

SCALE IN FEET

HALEY & ALDRICH

THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY

LOCATION OF REFERENCED SITE FEATURES

SCALE: AS SHOWN
FEBRUARY 2007

FIGURE 41