The Boeing Company
Santa Susana Field Laboratory
5800 Woolsey Canyon Road
Canoga Park, CA 91304-1148

Via FedEx

February 26, 2013
In reply refer to SHEA-113191

Mr. Ray Leclerc
Project Director
Department of Toxic Substances Control
8800 Cal Center Drive
Sacramento, CA 95824

Dear Mr. Leclerc:

Subject: Report on Annual Groundwater Monitoring, 2012
Santa Susana Field Laboratory, Ventura County, California
Post-Closure Permit Nos. PC-94/95-3-02 and PC-94/95-3-03

The Boeing Company hereby submits the "Report on Annual Groundwater Monitoring, 2012", dated February 22, 2013, describing the activities of the groundwater program at the Santa Susana Field Laboratory for the period of January 1 through December 31, 2012.

There are currently 246 monitoring wells, 13 facility water supply wells, and 19 offsite private sources included in the groundwater program at SSFL. Water-producing wells in the monitoring network are sampled in accordance with the referenced Post-Closure Permits.

I certify that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to evaluate the information submitted. I certify that the information contained in, or accompanying, this submittal is true, accurate, and complete. As to those identified portion(s) of this submittal for which I cannot personally verify the accuracy, I certify that this submittal and all attachments were prepared in accordance with procedures designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those directly responsible for gathering the information, or the immediate supervisor of such person(s), the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Signature: _____
Name: David W. Dassler, Program Manager, SSFL Site Closure
Date: 2-11-13

DWD:jag

Enclosures and distribution attached

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Report on Annual Groundwater Monitoring, 2012

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Report on Annual Groundwater Monitoring, 2012
Santa Susana Field Laboratory
Ventura County, California

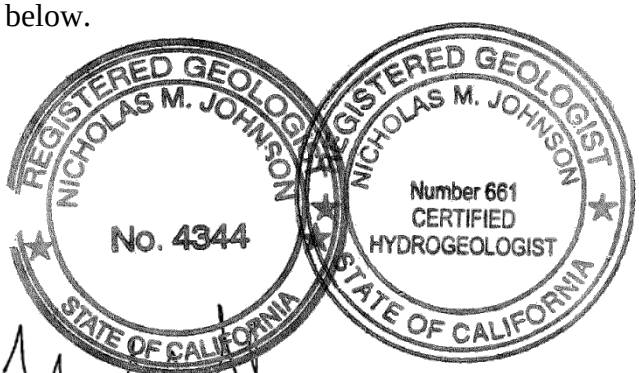
February 22, 2013

MWH

PROFESSIONAL CERTIFICATION
Report on Annual Groundwater Monitoring, 2012
January 1 through December 31, 2012
Santa Susana Field Laboratory
Ventura County, California

February 22, 2013

This Annual Groundwater Monitoring Report has been prepared by a team of qualified professionals under the supervision of the senior staff whose seal and signature appears below.



Nicholas M. Johnson, Ph.D., PG, CHg
Principal Hydrogeologist

Steven H. Reiners
Principal Engineer

Cheryl K. Yee
Senior Environmental Scientist

MWH

EXECUTIVE SUMMARY

This report summarizes the groundwater monitoring activities conducted during 2012 at the Santa Susana Field Laboratory (SSFL) located in Ventura County, California.

- Water quality samples were collected pursuant to the 2010 Modifications of the Post-Closure Permits (PCP; Department of Toxic Substances Control [DTSC], 2010a and 2010b), their associated Regulated Unit Water Quality Sampling and Analysis Plans (WQSAPs) (Haley & Aldrich, 2010b, 2010c) and the Site-Wide Groundwater Monitoring Program (Haley & Aldrich, 2009b, 2010e).
- Scheduled 2012 samples for each sampling event were collected with exceptions identified in this report.
- Water level measurements were collected quarterly, and groundwater elevation contours for October 2012 were prepared and are presented in this report.
- Water quality samples were collected to support the Surficial Media Operable Unit (SMOU) Resource Conservation and Recovery Act (RCRA) Facility Investigations (RFI) and work for the Department of Energy (DOE) / Energy Technology Engineering Center (ETEC).
- Well maintenance and equipment modifications were performed.
- Exceptions to the WQSAPs are summarized in this report.
- 2012 monitoring results under the regulated unit monitoring program warranted the addition of phthalates to the contaminants of concern (COC) list at Engineering Chemistry Laboratory (ECL) regulated unit. No other 2012 results indicated a need for changes to the groundwater monitoring programs.

TABLE OF CONTENTS

LIST OF TABLES

LIST OF FIGURES

LIST OF APPENDICES

LIST OF ACRONYMS AND ABBREVIATIONS

ABSP	Alfa-Bravo Skim Pond
APTF	Advanced Propulsion Test Facility
B056	Building 056
B204	Building 204
B359	Building 1359
Boeing	The Boeing Company
BTV	Background Threshold Value
CAIM	Corrective Action Interim Measures
22 CCR	Title 22 California Code of Regulations
cis-1,2-DCE	cis-1,2-dichloroethene
COC	Constituent of Concern
1,1-DCA	1,1-dichloroethane
1,2-DCA	1,2-dichloroethane
1,1-DCE	1,1-dichloroethene
1,2-DCE	1,2-dichloroethene
DOE	United States Department of Energy
DPH	California Department of Public Health
DRO	Diesel Range Organics
DTSC	California Department of Toxic Substances Control
ECL	Engineering Chemistry Laboratory
ELV	Expendable Launch Vehicle
EPA	United States Environmental Protection Agency
ETEC	Energy Technology Engineering Center
Eu-152	Europium-152
FLUTe	Flexible Liner Underground Technologies, LLC
GET	Groundwater Extraction and Treatment
GWRC	Groundwater Resources Consultants, Inc.
HGL	HydroGeoLogic, Inc.
IEL	Instrument and Equipment Laboratories

LIST OF ACRONYMS AND ABBREVIATIONS (Continued)

K-40	Potassium-40
LOX	Liquid Oxygen Plant
LUFT	leaking underground fuel tank
MCL	maximum contaminant level
MDA	minimum detectable activity
MDL	method detection limit
mrem/yr	millirems per year
mg/L	milligrams per liter
MSL	mean sea level
NASA	National Aeronautics and Space Administration
NDMA	n-nitrosodimethylamine
NL	notification level
NPDES	National Pollutant Discharge Elimination System
OCY	Old Conservation Yard
PCE	tetrachloroethene
pCi/L	picoCuries per liter
PCP	Post-Closure Permit
POC	point-of-compliance
QAPP	Quality Assurance Project Plan
RCRA	Resource Conservation and Recovery Act
RFI	RCRA Facility Investigation
RI	Remedial Investigation
RMHF	Radioactive Materials Handling Facility
RWQCB	Regional Water Quality Control Board
SDWA	Safe Drinking Water Act
SSFL	Santa Susana Field Laboratory
SMCL	Secondary Maximum Contaminant Level
SMOU	Surficial Media Operable Unit
SPA	Storable Propellant Area

LIST OF ACRONYMS AND ABBREVIATIONS (Continued)

Sr-90	Strontium-90
STL	Systems Test Laboratory
SWGW RBSL	site-wide groundwater risk-based screening level
TCE	trichloroethene
TPH	Total Petroleum Hydrocarbons
trans-1,2-DCE	trans-1,2-dichloroethene
µg/L	micrograms per liter
U-233/234	Uranium-233/234
U-238	Uranium-238
VOC	volatile organic compound
WQSAP	Water Quality Sampling and Analysis Plan

1.0 INTRODUCTION

This report summarizes the groundwater monitoring activities conducted during 2012 at the Santa Susana Field Laboratory (SSFL) located in Ventura County, California (Figure 1).

1.1 SITE DESCRIPTION

The SSFL is located approximately 29 miles northwest of downtown Los Angeles, California, in the southeast corner of Ventura County (Figure 1). The SSFL occupies approximately 2,850 acres of hilly terrain, with approximately 1,100 feet of topographic relief near the crest of the Simi Hills. Figure 1 shows the geographic location and property boundaries of the site, as well as surrounding areas**.** The site is divided into four administrative areas (Areas I, II, III, and IV) and includes undeveloped land both to the north and south (Figure 1). Most of Area I and all of Areas III and IV are owned by The Boeing Company (Boeing). The United States Environmental Protection Agency (EPA) Identification Number for Areas I and III is CAD093365435. Area II is owned by the federal government and administered by the National Aeronautics and Space Administration (NASA) along with a portion of Area I. The EPA Identification Number for Area II is CA1800090010. Ninety acres of Area IV were leased to the United States Department of Energy (DOE), which also owns facilities in Area IV. The northern and southern undeveloped lands of SSFL were not used for industrial activities and are owned by Boeing.

1.2 REGULATORY BACKGROUND

This report is intended to fulfill the requirements of multiple regulatory programs being implemented at SSFL. These include requirements addressed in the Post-Closure Permit (PCP) monitoring programs (Regulated Unit Programs) for Areas I and III, and Area II approved by the California Environmental Protection Agency Department of Toxic Substances Control (DTSC), the Site-Wide Groundwater Monitoring Program approved by 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 PCPs and per the requirements of Title 22, California

Code of Regulations (22 CCR), Sections 66264.97 through 66264.99. The monitoring also complies with the Consent Order for Corrective Action issued on August 16, 2007 by DTSC (DTSC, 2007).

Hazardous Waste Facility PCPs (Permit numbers PC-94/95-3-02 for Areas I and III and PC-94/95-3-03 for Area II) (DTSC, 1995) were issued for the SSFL in 1995 to operate hazardous waste groundwater extraction, treatment, and monitoring systems at the facility, as well as maintenance of caps at closed impoundments. SSFL PCP modifications (Modification numbers MOD SC3-111904-A for Areas I and III and MOD SC3-111904-B for Area II) (DTSC, 2010a, 2010b) and their associated Regulated Unit Water Quality Sampling and Analysis Plans (WQSAPs) (Haley & Aldrich, 2010b, 2010c) were approved by the DTSC during first quarter 2010 and were put into effect for the second quarter 2010.

The Site-Wide Groundwater Monitoring Program is prescribed by the Site-Wide WQSAP. A Draft Site-Wide WQSAP (Haley & Aldrich, 2009b) was submitted to DTSC in December 2009 and implemented in the third of quarter 2010 per DTSC request. Formal implementation of the December 2010 revision to the Site-Wide WQSAP (Haley & Aldrich, 2010e) occurred in the third quarter of 2011 following DTSC approval on June 6, 2011 (DTSC, 2011).

The content of this report is in compliance with the current permits (DTSC, 2010a, 2010b) and Regulated Unit WQSAPs (Haley & Aldrich, 2010b, 2010c), and the December 2010 Site-Wide WQSAP (Haley & Aldrich, 2010e).

1.3 OBJECTIVES

The objective of this report is to document compliance with requirements in the PCPs per 22 CCR, sections 66264.97 through 66264.99, the Site-Wide Groundwater Monitoring Program, and the LUFT Program. The scope of this annual report includes the following:

- Executive summary of significant findings;
- Summary of monitoring programs and activities conducted during the calendar year;
- Summary of maintenance inspections of monitored wells;

- Summary of modifications made to monitoring equipment during the calendar year, if any;
- Summary of deviations from the WQSAPs, if any;
- Water level data, hydrographs and groundwater elevation contour maps;
- Discussion of significant events which may influence the occurrence and movement of groundwater;
- Summary of results of laboratory analyses of water samples;
- Electronic laboratory analytical reports and sample custody documents;
- Summary of the results of statistical evaluation, if any, of water chemistry data;
- Results of quality assurance/quality control sampling and analysis and assessment of data quality including accuracy, precision, and completeness;
- Contaminant plume maps with concentrations posted for the year for specific regulated units;
- Contaminant concentration versus time plots and a discussion of evident trends;
- Summary tables indicating monitoring parameter results that lie outside of historical range for each monitoring location;
- Summary of constituent concentrations at compliance wells for each regulated unit that exceed regulated unit-specific concentration limits (Note: This annual report scope element required by the 2010 Modified Post-Closure Permits will be performed and presented in the annual report that follows DTSC approval of the proposed concentration limits and proposed statistical method used to develop them.); and
- Summary of outstanding issues and/or follow-up work.

1.4 REPORT ORGANIZATION

The remainder of this report is organized as follows:

- Section 2.0 provides a description of the site geology and hydrogeology;
- Section 3.0 provides a summary of the activities performed during this reporting period;
- Section 4.0 presents the results of field work and analytical testing;
- Section 5.0 presents planned activities for 2013; and
- Section 6.0 presents the references.

2.0 SITE GEOLOGY AND HYDROGEOLOGY

2.1 GEOLOGY

SSFL is located in the Western Transverse Ranges physiographic province of southern California. The province's geology and physiography reflect at least 70 million years of geologic history. The sedimentary rocks in the portion encompassing SSFL range from coarse-grained conglomerates and sandstones to fine-grained siltstones and shales. The geologic history of the Western Transverse Ranges is complex and involves several distinct episodes of deformation involving tectonic extension, rotation, compression, and shearing. In the vicinity of SSFL, this has caused the Western Transverse Ranges to rotate more than 90 degrees clockwise. This complex geologic history is reflected in multiple fold, fault, and fracture orientations in the vicinity of SSFL.

The Chatsworth Formation underlies much of the province and is exposed across most of SSFL (Figure 2). It is a turbidic sandstone with interbedded shale, siltstone, and conglomerate approximately 6,000 feet thick and more than 65 million years old. As a result of geologic folding, the Chatsworth Formation dips moderately (typically 25°- 35°) to the northwest at SSFL, along the south limb of the Simi Valley syncline. Detailed geologic mapping in the site vicinity was performed to augment published geologic maps, resulting in the subdivision of the Chatsworth Formation into upper and lower units (MWH, 2009). The lower formation is exposed in southeastern SSFL and dips northwest beneath the remainder of the site. The upper Chatsworth Formation is exposed across much of the remainder of the site and has been subdivided further into stratigraphic packages consisting of coarse- and fine-grained members. Numerous steeply dipping to near-vertical faults have offset this stratigraphy. Fault gouge and fracturing, ancillary to faults, are observed at some locations.

Unconsolidated deposits at SSFL include alluvium, artificial fill, and thin soils over bedrock. The alluvium generally consists of silty sand and occurs in topographic lows and along ephemeral drainages. Areas with 5 to 30 feet of alluvium cover more than 300 acres of SSFL, or about 11 percent of the site.

2.2 HYDROGEOLOGY

Groundwater occurs at SSFL in alluvium and weathered and unweathered bedrock (Montgomery Watson, 2000; MWH, 2009). First-encountered groundwater may be observed in any of these media under water table conditions. For regulatory purposes, near-surface groundwater is defined to occur within the site's unconsolidated deposits (e.g., alluvium) and shallow weathered bedrock, whereas deep groundwater, referred to as "Chatsworth Formation groundwater," occurs in the unweathered bedrock. The near-surface groundwater may be perched or vertically continuous with deeper groundwater.

The boundaries of the mountain groundwater system encompassing SSFL include where the Simi Hills meet the floor of the Simi and San Fernando valleys, and where groundwater tends to discharge to seeps and phreatophytes along several surrounding canyons. The base of the active groundwater flow system occurs at the boundary between fresh and connate groundwater, assumed to occur at approximately sea level. The upper boundary of the mountain groundwater flow system is the regional water table and localized perched water tables. Hydrogeologic boundaries internal to the groundwater flow system include areas of groundwater discharge to seeps and phreatophytes, pumped wells, and various boundary effects along faults and geologic contacts.

Portions of the Chatsworth Formation comprise locally transmissive aquifer units. These units generally consist of the fractured sandstone members of the upper Chatsworth Formation, many of which are several hundred feet thick. Separating the major sandstone units are a series of relatively thin shale and siltstone members that typically behave as aquitards.

The arrangement and geometry of the hydrogeologic units are controlled by geologic contacts, folding, and faulting. Faults truncate permeable zones and fractures, juxtapose different units and fold orientations, and form low-permeability boundaries and zones of enhanced fracturing. Together, these structures result in a complex three-dimensional distribution of hydrogeologic units and anisotropic permeability that influence directions and rates of groundwater flow. Major faults subdivide SSFL into several large blocks, which are further subdivided by shale beds.

The SSFL water table is a subdued reflection of the topography and therefore reflects a large groundwater mound, relative to the surrounding valleys, maintained by rainfall recharge. Groundwater head differentials are observed across fine-grained units and faults that impede flow. Groundwater moves from areas of recharge toward pumping wells and downward and outward toward hill slope seeps and more distant lowlands. The direction of vertical flow is downward at most site locations. Near-surface groundwater occurs in alluvium and weathered bedrock and may be perched or vertically continuous with Chatsworth Formation groundwater.

Further insight into the pattern of SSFL groundwater flow has been provided through the development and use of a representative three-dimensional groundwater flow model (MWH, 2009).

3.0 REPORTING PERIOD ACTIVITIES

The reporting period for this report covers the 2012 calendar year, beginning on January 1, 2012 and ending on December 31, 2012. Work performed during the 2012 annual reporting period is presented in this section.

During 2012, implementation of the groundwater monitoring program at SSFL fulfilled the requirements of multiple programs prescribed by the following:

- Regulated Unit Monitoring Program
  - 2010 Permit Modifications of the PCPs (DTSC, 2010a, 2010b)
  - 2010 Regulated Unit WQSAPs (Haley & Aldrich, 2010b, 2010c)
- Site-Wide Groundwater Monitoring Program – December 2010 Site-Wide WQSAP (Haley & Aldrich, 2010e)
- LUFT program overseen by DTSC
- The Consent Order for Corrective Action issued on 16 August 2007 by DTSC (2007)

The following activities stipulated by the WQSAPs were conducted during the reporting period:

- Measurement of groundwater levels at all accessible program wells;
- Collection and submission of groundwater samples from select wells for laboratory analysis.

Department of Energy (DOE) wells, with the exception of PZ-097, PZ-124, RD-34B, and RS-18 were not scheduled for gauging and sampling during the third quarter 2012 event. DTSC determined that (with the noted exceptions) the DOE wells had been sampled semi-annually for one year and, therefore, had satisfied the intent of the sampling frequency required in the Site-Wide WQSAP (Haley & Aldrich, 2010c), and approved DOE's request to waive the third quarter 2012 monitoring requirements for DOE wells except for PZ-097, PZ-124, RD-34B, and RS-18 (DTSC, 2012b).

A list of wells and monitoring programs is presented in Table 1. Well, piezometer, and seep locations are shown on Figure 3. Regulated Unit Monitoring Program locations are shown on

Figure 4 and Site-wide and LUFT Monitoring Program locations are shown on Figure 5. Well construction details are provided in Appendix A.

Additional groundwater monitoring was performed during the year for the following programs which are further described in Section 3.3.4:

- Groundwater samples were collected in support of the Surficial Media Operable Unit (SMOU) Resource Conservation and Recovery Act (RCRA) Facility Investigation (RFI) (MECx, 2009; MWH, 2008; Ogden, 2000).
- Groundwater samples were collected in support of the Draft Site-Wide Groundwater Remedial Investigation Report (Draft Groundwater RI Report) and the Groundwater RI Data Gap Sampling and Analysis Plan (Groundwater RI Data Gap SAP) (MWH, 2009; MWH 2010b).
- Groundwater samples were collected from Area IV for the DOE and the Energy Technology Engineering Center (ETEC).
- Seeps in the vicinity of WS-09A were inspected and pumped.

Field groundwater monitoring activities during the 2012 reporting period were performed under the direction and oversight of MWH. Field activities were conducted in general accordance with the WQSAPs for Areas I and III, and for Area II (Haley & Aldrich, 2010b, 2010c), and the Site-Wide WQSAP (Haley & Aldrich, 2009b, 2010e), with exceptions described in Section 3.4. Field personnel followed the sampling and analysis requirements described in the WQSAPs. MWH field personnel and subcontractors followed health and safety guidelines in MWH's SSFL Health and Safety Plan (MWH, 2010a).

3.1 MODIFICATIONS TO WELL NETWORK AND EQUIPMENT

Well maintenance, monitoring equipment modification, well installation and well development activities performed in 2012 are summarized in Table 2. Well and piezometer construction details are provided in Appendix A. Flexible Liner Underground Technologies (FLUTe) multilevel system and Westbay multilevel system construction details also are presented in Appendix A. Monitored wells were inspected for maintenance needs during each monitoring event in 2012.

Well RS-35, which was installed in 2010, continued to contain insufficient water for development and subsequent sampling through 2012, so well development was deferred for re-evaluation in 2013 if sufficient water is present.

The sampling pump in well RD-10 was removed and temporarily replaced with a larger pump on October 16, 2012, for the purpose of performing a pumping test as described in the DTSC-approved Groundwater RI Data Gap SAP (MWH, 2010b). It is anticipated that this pumping test will be performed during the first half of 2013, and that the sampling pump will be reinstalled in RD-10 after the pumping test recovery monitoring has been completed.

Low-flow retrofitting of Site-Wide wells was completed in 2011, except for the retrofit of RD-34B. A partial obstruction was noted at approximately 167 feet below the top of casing and after multiple failed attempts to install a dedicated bladder pump, it was recommended that the well be removed from the Site-Wide Groundwater Monitoring Program (Boeing, 2011). DOE is managing this issue directly and the disposition of this well is pending resolution with DTSC.

Low-flow well retrofits and resulting changes in measuring point elevations are presented in Table 4.

3.2 WATER LEVEL GAUGING

Static water levels were gauged quarterly at all accessible program wells. Depths to water were measured from the top of each well casing. Conditions of the well (e.g., loose caps, damaged casing) were recorded in field logs. Wells were gauged using an electronic water-level meter. Portions of the cable and meter or probe that were in contact with groundwater were decontaminated before use at each well.

Water level measurements for the year are summarized below and in Table 3. Notes to Table 3 list reasons why wells were not gauged.

Quarter	Gauging Period	Number of Wells Scheduled for Gauging	Number of Wells Not Gauged
1	1/1/2012 – 1/13/2012	376	14
2	4/2/2012 – 4/11/2012	285	12
3	7/9/2012 – 8/7/2012	309	12
4	10/9/2012 – 10/12/2012	285	14

3.3 GROUNDWATER SAMPLING AND ANALYSIS

Monitoring wells are scheduled to be sampled semi-annually or annually in accordance with the WQSAPs. Groundwater samples were collected from January 19 through February 29, 2012 for the first quarter and from July 1 through September 11, 2012 for the third quarter. No samples were scheduled for collection in the second or fourth quarters.

Groundwater samples were collected for the following monitoring programs during the 2012 reporting period:

- Regulated Unit Monitoring Program
    - 2010 Modified Post-Closure Permits (DTSC, 2010a, 2010b)
    - Regulated Unit WQSAPs (Haley & Aldrich, 2010b, 2010c)
- Site-Wide Groundwater Monitoring Program - Site-Wide WQSAP (Haley & Aldrich, 2010e)
- LUFT program
- Characterization efforts conducted at SSFL for the SMOU RFI (MECx, 2009; MWH, 2008; Ogden, 2000)
- Data gap sampling for the Groundwater RI Data Gap SAP (MWH, 2010b)
- Area IV sampling for the DOE and the ETEC

Groundwater field parameters collected during purging prior to sample collection are presented in Table 5. Groundwater samples analyzed in 2012 per the WQSAPs as well as samples for other characterization efforts in progress at SSFL that were conducted during the year are presented in Table 6 and analytical methods are presented in Table 7.

Since third quarter 2010, radiochemistry analyses (except for tritium) have been performed using an approach described in EPA's Area IV Radiological Study Quality Assurance Project Plan (QAPP) for Groundwater, Surface Water, and Sediment (HydroGeoLogic [HGL], 2010). This

approach involves filtering at the laboratory followed by separate analysis of the liquid filtrate and the solid residue captured by the filter. Each of the results has its own associated error and minimum detectable activity (MDA).

3.3.1 Post-Closure Permit Regulated Unit Groundwater Monitoring Program

The PCP regulated unit monitoring program locations are presented in Table 1. There are a total of nine regulated unit surface impoundments at SSFL: Advanced Propulsion Test Facility (APTF)-1, APTF-2, Engineering Chemistry Laboratory (ECL), Systems Test Laboratory (STL)-IV-1, and STL-IV-2 in Areas I and III and Alfa-Bravo Skim Pond (ABSP), Delta, Storage Propellant Area (SPA)-1, and SPA-2 in Area II. The regulated unit surface impoundments and the PCP regulated unit program monitoring locations are shown on Figure 4. The PCP regulated unit monitoring program (DTSC, 2010a, 2010b) includes 124 wells.

The PCP regulated unit monitoring program includes the Evaluation Monitoring Program, Detection Monitoring Program, and Corrective Action Interim Measures (CAIM) Program.

3.3.1.1 Detection Monitoring Program

Under the Detection Monitoring Program for each regulated unit, wells are designated as Detection, Point of Compliance (POC), and/or Background wells. These wells are selected to monitor for indications of a release from the regulated unit, the quality of groundwater passing a designated POC, and the quality of groundwater not affected by releases from the regulated unit, respectively.

Groundwater water quality samples were collected for the PCP Detection Monitoring Program for analysis of the following:

- Semi-annual Regulated-Unit-specific constituents of concern (COCs) at detection and POC wells
- Annual Regulated-Unit-specific COCs at background monitoring wells
- Annual background parameters at detection and background monitoring wells
- Annual Appendix IX constituents at POC monitoring wells

- Semi-annual Regulated-Unit-specific COCs at background monitoring wells for which there was an insufficient number of results to complete the statistical evaluation for development of proposed Concentration Limits

3.3.1.2 Evaluation Monitoring Program

Evaluation Monitoring points are selected to monitor potential changes in groundwater quality resultant of releases from the regulated unit. Under the Evaluation Monitoring Program, wells are designated as Evaluation Monitoring wells, or Evaluation Monitoring – Affected Media wells.

Groundwater water quality samples were collected for the PCP Evaluation Monitoring Program for analysis of the following:

- Semi-annual Regulated-Unit-specific COCs at evaluation monitoring wells
- Annual Appendix IX constituents at evaluation monitoring wells in affected media

3.3.1.3 Corrective Action Interim Measures Program

The PCP CAIM Program specifies that groundwater samples are to be collected semi-annually from designated CAIM wells that are currently connected to a treatment system, and analyzed for all Regulated Unit COCs. Only one CAIM extraction well at SSFL, WS-09A, was connected to a treatment system and active during the year.

3.3.2 Site-Wide Groundwater Monitoring Program

The Site-Wide Groundwater Monitoring Program includes 99 wells for sampling and analysis and 283 locations for water level monitoring (Haley & Aldrich, 2010e). The Site-Wide Groundwater Monitoring Program locations are presented in Table 1 and Figure 5.

3.3.3 LUFT Program

The LUFT monitoring program locations are presented in Table 1 and Figure 5. The LUFT monitoring program includes 14 wells.

3.3.4 Other Monitoring

SMOU RFI

During the 2012 reporting period, six locations were sampled in support of ongoing SMOU RFI program characterization efforts.

Groundwater RI Data Gap SAP

Data gap sampling was performed at 84 locations for the Groundwater RI Data Gap SAP during the 2012 reporting period (MWH, 2010b).

Area IV

Groundwater samples were collected for the analysis of radionuclide activities from one Area IV well, RD-98, for the DOE and the ETEC during the 2012 reporting period.

Seeps in the Vicinity of WS-09A

Seeps FDP-881, FDP-882, and FDP-890 in the vicinity of WS-09A were inspected during the year (status reports are presented in Appendix B). To help mitigate groundwater emergence at these three seeps, groundwater was extracted from WS-09A, treated at the Area I Groundwater Extraction and Treatment (GET) System, and disposed on site at Outfall 19. Area I GET System treatment activities are reported under the Discharge Monitoring Reports for the SSFL National Pollutant Discharge Elimination System (NPDES) Outfalls under NPDES Permit No. CA-0001309.

3.4 DEVIATIONS FROM WATER QUALITY SAMPLING AND ANALYSIS PLANS

Exceptions to the WQSAPs are presented in Table 8. Exceptions include wells not sampled due to lack of water present, wells containing insufficient water for sampling, well or equipment damage/malfunction, or access restrictions; incomplete analyses; stabilization parameters not collected at fixed intervals; initial purge volume not met before stabilization parameters collected; sample rate differing from purge rate; and QAPP requirements not met. No exceptions other than those listed in Table 8 occurred in 2012.

4.0 MONITORING RESULTS

This section provides a review of 2012 groundwater levels, and groundwater quality results and trends. Historical data were summarized in previous reports by Groundwater Resources Consultants (GWRC, 2000), Haley & Aldrich (2001 through 2009a, 2010a) and MWH (2011a, 2011b, 2012).

4.1 GROUNDWATER ELEVATIONS AND FLOW CONDITIONS

Water level elevations for 2012 are presented in Table 3. Discrete depth-interval water level data from Westbay- and FLUTe-equipped wells were collected using pressure transducers and dataloggers, and are also included in Table 3. Water level hydrographs are provided in Appendix C. Events which may influence the occurrence and movement of groundwater include precipitation and groundwater extraction. Annual precipitation data and status reports for pumping in the vicinity of WS-09A are presented in Appendix B.

Figure 6 presents contours of first-encountered, non-perched groundwater elevations, as determined from water levels measured during the fourth quarter of 2012 (during October). Wells and piezometers that typically monitor perched groundwater were identified in the Groundwater RI Report (MWH, 2009). Additional information that helped constrain the contouring included topography; the approximate elevations of identified seeps and springs; historical water level data for wells and piezometers not gauged during the fourth quarter of 2012; and the understanding that groundwater level discontinuities coincide with certain fault segments and other geologic structures. In the case of well clusters, water levels from the shallowest wells were used. The data represent water levels primarily within the Chatsworth Formation, but include levels in younger deposits where the zone of saturation is continuous with the underlying formations.

Non-perched groundwater elevations measured in SSFL monitoring wells during the fourth quarter of 2012 ranged from approximately 1,225 feet above mean sea level (MSL) at well RD-75 to about 1,891 feet above MSL at well RD-42 (Table 3, Figure 6). Groundwater levels in

Chatsworth Formation wells were generally lower during the fourth quarter 2012 than during the fourth quarter 2011 (MWH, 2012; Appendix C), in part because of lower than average precipitation during the 2011-2012 water year (Appendix B).

The groundwater elevation contour map 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 6 are not used to infer groundwater flow directions or rates of groundwater movement due to the hydrogeologic complexities at SSFL as described in Section 2.2. Estimates of groundwater flow rates and three-dimensional groundwater flow directions from areas within SSFL were made and are presented in the Groundwater RI Report.

4.2 GROUNDWATER QUALITY

Water quality results for groundwater samples are tabulated in Tables 10 through 22. Time series plots of analytical data for COCs identified in the Regulated Unit PCPs (DTSC, 2010a, 2010b) and the Site-Wide Groundwater Monitoring Program (Haley & Aldrich, 2010e) are provided in Appendix D. Time series plots of analytical data presented in Appendix D include results through 2012 for principle COCs identified in the PCPs (DTSC, 2010a, 2010b) and common to all Regulated Units, and constituents monitored under the Site-wide Groundwater Monitoring Program (Haley & Aldrich, 2010e). Plots are not presented for COCs ammonia, xylenes, and total petroleum hydrocarbons (TPH); COCs specific to particular Regulated Units; and radiochemistry, metals, and dioxin and furan constituents, which are specific to the Site-wide Groundwater Monitoring Program. Obvious new trends of chemical concentrations in groundwater during 2012 were not visually evident in these time series plots.

Constituents detected for the first time in groundwater sampled from individual locations are presented in Table 10. Constituents previously detected in groundwater sampled from a particular location and reported at new maximum concentrations are presented in Table 11. Aside from these exceptions, the analytical results were within historical ranges (GWRC, 2000;

Haley & Aldrich, 2001 through 2009a, 2010a; MWH, 2003, 2011a, 2011b, 2012). Analytical results that triggered permit-required re-sampling are discussed below in Section 4.2.4.4 and results are presented in Table 22.

Chemical concentration data from the 2012 reporting period are posted on chemical extent maps showing areas of impacted groundwater for 17 chemicals on Figures 7 through 23. These chemicals were selected for mapping because they are COCs in the PCP Regulated Unit Monitoring Program and/or the Site-Wide Groundwater Monitoring Program, and were selected for presentation on chemical extent maps in the Groundwater RI Report (MWH, 2009).

4.2.1 Quality Assurance and Quality Control

Laboratory analytical reports for the 2012 reporting period are provided in Appendix E and the quality assurance assessment is presented in Appendix F. Per the WQSAPs, the quality assurance assessment provides an assessment of data quality including accuracy, precision, and completeness. The quality assurance assessment also includes results of the data validation process, and a summary of the field sampling and analytical program, data management review procedure, and data verification process.

4.2.2 Groundwater Screening Reference Values

Groundwater sampling results for individual chemicals are compared to screening values for discussion purposes based on the following descending order of priority:

- Site-specific values developed by DTSC (i.e., groundwater comparison concentrations for metals) (listed as SSFL Comparison in report tables);
- Isotope-specific activity limits for individual beta/photon emitters based on the effective dose equivalent of 4 millirems per year (mrem/yr) (Federal Register, 2000a);
- Primary Maximum Contaminant Levels (MCLs) established by the EPA and promulgated by the Safe Drinking Water Act (SDWA), and by the California Department of Public Health (DPH) promulgated by 22 CCR, sections 64431 through 64449 and 64672 (Regional Water Quality Control Board [RWQCB], 2008; DPH, 2008) (listed as Primary MCL and Cal MCL in report tables);
- Notification Levels (NL)/Advisory Levels established by the California DPH (RWQCB, 2008; DPH, 2010);
- Secondary Maximum Contaminant Levels (SMCLs) which address aesthetics, such as taste and odor (RWQCB, 2008; DPH, 2006) (listed as Secondary MCL in report tables);

- Taste and Odor Threshold (RWQCB, 2008) (listed as Taste/Odor in report tables); and
- Site-specific values developed for SSFL using risk assessment procedures assuming direct ingestion of groundwater (listed as SWGW RBSL [site-wide groundwater risk-based screening level] in report tables).

In some cases where more than one value is available for a chemical and a lower value is lower on the above priority list, the lower value is used to be more conservative. When EPA and California DPH values for MCLs differ, the lower value is used. In cases where the SMCL is lower than the Primary MCL, the SMCL is used.

The methodology used to develop the risk-based screening values for chemicals that are not metallic elements and where there are no agency-published values is described in a technical memorandum included in Appendix 7-C of the Groundwater RI Report (MWH, 2009). Groundwater screening reference values are presented in Table 9.

4.2.3 Areas of Impacted Groundwater

Chemical concentration data from the 2012 reporting period are posted on chemical extent maps showing areas of impacted groundwater for 17 chemicals on Figures 7 through 23. These chemicals were selected for mapping because they are COCs in the PCP Regulated Unit Monitoring Program and/or the Site-Wide Groundwater Monitoring Program, generally exhibit more than solitary spatially isolated detects, and were presented on chemical extent maps in the Groundwater RI Report (MWH, 2009) that were based on a comprehensive site-wide evaluation of their extent in groundwater.

Chemicals selected for presentation on maps of areas of impacted groundwater in the Groundwater RI Report were comprised of chemicals detected at concentrations exceeding screening values at five or more locations in recent data (recent data set defined as third quarter 2007 through second quarter 2008) and chemicals detected at concentrations exceeding screening values at five or more locations historically (through second quarter 2008), but not in recent data due to limited sample coverage in recent data. Chemicals with concentrations historically exceeding screening values at five or more locations but having adequate sampling coverage in recent data to indicate the chemical is no longer present at concentrations above the

screening value (e.g., 1,1,1-trichloroethane, chloroform, and benzene) were not included. Chemicals that are common laboratory contaminants (e.g., methylene chloride and bis(2-ethylhexyl)phthalate) and those that are naturally occurring and for which there is no known site-related anthropogenic source (e.g., sulfate) were also not included, even if they had concentrations exceeding screening values at five or more locations. The chemical extent maps in the Groundwater RI Report were developed based on a comprehensive site-wide evaluation of the historical groundwater data, and serve as a baseline from which to evaluate whether the more recent monitoring results differently constrain the chemical extent boundaries. These chemicals generally have more than solitary spatially isolated detects where their spatial distribution warrants preparation of a plume map.

The 2012 analytical results were evaluated to identify any additional chemicals for which a chemical extent map was warranted according to the criteria used in the Groundwater RI Report. No additional chemicals were identified for generation of a chemical extent map.

Areas of impacted groundwater from the Groundwater RI Report form the basis of those shown in the chemical extent maps in this report. Adjustments to the areas of impacted groundwater are made each year as new data is collected. The chemical extent boundaries for each chemical are defined by the groundwater screening reference values listed in Table 9. The maximum concentrations at each location from samples collected in 2012 are posted for each chemical and the locations are color-coded to indicate whether the result exceeded the screening value, was detected below the screening value, or was not detected. For locations that were not sampled in 2012, the most recent historical result is posted along with the date the sample was collected.

The “screening value” isoconcentration lines for chemicals in groundwater depicted on Figures 7 through 23 are based on both current and historical sampling results as well as professional judgment, particularly for chemicals that are transformation or daughter products from either the biological or abiotic decay of a parent (e.g., cis-1,2-dichloroethene [cis-1,2-DCE] produced from the biological transformation of trichloroethene [TCE]). The isoconcentration contour of the screening value is intended to represent an interpretation of the outer limit of impacted

groundwater in plan view based on all data available, and not just to depict the chemical extent based on a specific dataset for a given reporting period.

The areas of impacted groundwater for each of the chemicals plotted have been adjusted based on results from 2012 as follows:

Trichloroethene (Figure 7)

- The 'East' area of impacted groundwater was extended to the south due to re-exceedance of the screening value for TCE (5 micrograms per liter [µg/L]) at PZ-076 at a concentration of 9.5 µg/L. TCE last exceeded the screening value at PZ-076 in June 2003 but was detected below the screening value in first and third quarters of 2010 and first and third quarters of 2011.
- A new area of impacted groundwater at Area I Burn Pit was added due to exceedance of the screening value for TCE at RD-100 at a concentration of 7.2 µg/L. This is a new well installed in November 2011 and sampled for the first time in first quarter 2012.
- The Liquid Oxygen Plant ('LOX') area of impacted groundwater was reduced on the west due to decreased concentrations of TCE at WS-12 to levels below the screening value. TCE was not detected at WS-12 in third quarter 2012. WS-12 was last sampled for TCE in August 2004 and was detected above the screening value at a concentration of 14 µg/L.
- The western wing of the 'Central' area of impacted groundwater was reduced on the northeast due to decreased concentrations of TCE at PZ-030 to levels below screening value. TCE was not detected at PZ-030 in the first and third quarters 2012. PZ-030 was last sampled for TCE in June 2003 and was detected at a concentration of 12 µg/L.
- The 'ECL' area of impacted groundwater was reduced on the west due to decreased concentrations of TCE at PZ-025 to levels below the screening value. TCE was not detected at PZ-025 in the first and third quarters of 2012. PZ-025 was last sampled for TCE in June 2003 and was detected above the screening value at a concentration of 6 µg/L.
- The 'SPA-2' area of impacted groundwater was removed due to decreased concentrations of TCE at RS-34 to levels below the screening value. TCE concentrations at RS-34 exceeded the screening value in third and fourth quarters of 2010 and first and second quarters of 2011, but were detected below the screening value at RS-34 in the first and third quarters 2012.
- The Old Conservation Yard ('OCY') area of impacted groundwater was removed due to decreased concentrations of TCE at RD-14 to levels below the screening value. TCE concentrations at RD-14 exceeded the screening value in first quarter 2011 at a concentration of 5.9 µg/L, but was detected below the screening value in third quarter 2011 and first quarter 2012.

Tetrachloroethene (Figure 8)

No adjustments to the areas of impacted groundwater for tetrachloroethene (PCE) were required.

cis-1,2-Dichloroethene (Figure 9)

- The 'Group 3 Central' area of impacted groundwater was reduced on the northwest due to consistent results with concentrations below the screening value for cis-1,2-DCE (6 µg/L) in 2010, 2011 and 2012 at HAR-13 and HAR-31. Prior to 2010, only historical results with samples last collected in 1993 were available for these locations.
- The 'Central Southwest' area of impacted groundwater was extended on the north due to increased concentrations of cis-1,2-DCE at ES-26 to levels above the screening value. cis-1,2-DCE was detected above the screening value in first quarter 2012 at a concentration of 9.7 µg/L.
- The Building 056 Landfill ('B056 Landfill') area of impacted groundwater was extended to the northeast due to re-exceedance of the screening value for cis-1,2-DCE at PZ-108 at a concentration of 6.1 µg/L. Concentrations of cis-1,2-DCE at PZ-108 previously exceeded the screening value only in historical data with the last occurring in April 2002 and subsequent results detected below the screening value.

trans-1,2-Dichloroethene (Figure 10)

- The 'Coca' area of impacted groundwater was extended on the east due to first time exceedance of the screening value for trans-1,2-dichloroethene (trans-1,2-DCE) (10 µg/L) at PZ-126 at a concentration of 30 µg/L. PZ-126 has only been previously analyzed for trans-1,2-DCE one time and was detected below the screening value at a concentration of 3 µg/L.
- The 'Delta' area of impacted groundwater was extended on the west due to re-exceedance of the screening value for trans-1,2-DCE at HAR-27 at a concentration of 26 µg/L. Trans-1,2-DCE last exceeded the screening value at HAR-27 in December 2003 but has not been detected or was detected below the screening value at HAR-27 since then.
- The 'Group 9 South' area of impacted groundwater was extended on the north due to re-exceedance of the screening value trans-1,2-DCE at WS-09A at a concentration of 30 µg/L. Trans-1,2-DCE last exceeded the screening value at WS-09A in third and fourth quarters 2010 but was not detected during the three events it was sampled in 2011.
- The 'STL-IV/Compound A' area of impacted groundwater was split into two separate areas of impacted groundwater at STL-IV at Compound A due to consistent results with concentrations below the screening value for trans-1,2-DCE in 2010, 2011, and 2012 at

HAR-32 and RS-33. Prior to 2010, only historical results with samples last collected in 2002 were available for HAR-32 and RS-33 was just installed in June 2010.

Vinyl Chloride (Figure 11)

- The 'Northeast' area of impacted groundwater was extended on the west due to first time exceedance of the screening value for vinyl chloride (0.5 µg/L) at RD-73 at an estimated concentration of 17 J µg/L. All previous samples collected from RD-73 were not detected for vinyl chloride with elevated detection limits above the screening value.
- A new area of impacted groundwater at Area I Burn Pit was added due to exceedance of the screening value for vinyl chloride at RD-100 at a concentration of 0.54 J µg/L. This is a new well installed in November 2011 and sampled for the first time in first quarter 2012.

1,1-Dichloroethene (Figure 12)

- The 'SPA/Bravo' area of impacted groundwater was expanded on the northwest due to re-exceedance of the screening value for 1,1-dichloroethene (1,1-DCE) (6 µg/L) at HAR-14 at a concentration of 6.2 µg/L. 1,1-DCE last exceeded the screening value at HAR-14 in April 2008 but was detected below the screening value during 2010 and 2011.
- The 'ECL' area of impacted groundwater was reduced on the west due to decreased concentrations of 1,1-DCE at PZ-027 to levels below the screening value. 1,1-DCE was detected below the screening value in the first and third quarters of 2012. PZ-027 was last sampled for TCE in April 2002 and was detected above the screening value at a concentration of 9 µg/L.
- The 'STL-IV/Compound A' area of impacted groundwater was extended to the north due to first time exceedance of the screening value for 1,1-DCE at HAR-32 at a concentration of 6.4 µg/L in third quarter 2012. HAR-32 was previously analyzed 13 times for 1,1-DCE and was detected two times below the screening value.
- The 'Delta' area of impacted groundwater was removed due to decreased concentrations of 1,1-DCE at HAR-07 to levels below the screening value. Concentrations of 1,1-DCE last exceeded the screening value in 2009 and have been not detected or were detected below the screening level in 2010, 2011, and 2012.

1,2-Dichloroethane (Figure 13)

No adjustments to the areas of impacted groundwater for 1,2-dichloroethane (1,2-DCA) were required.

1,1-Dichloroethane (Figure 14)

- The 'Northeast' area of impacted groundwater split into two separate areas of impacted groundwater at B-1 and Instrument and Equipment Laboratories/ Building 1359 (IEL/B359) due to decreased concentrations of 1,1-dichloroethane (1,1-DCA) at RD-35A and RD-35B to levels below the screening value (5 µg/L). 1,1-DCA was not detected or detected below the screening value at these locations in 2011 and 2012. 1,1-DCA concentrations at these locations last exceeded the screening value in February 1995 at RD-35A at a concentration of 58 µg/L and in May 2004 at RD-35B at a concentration of 83 µg/L.
- A new area of impacted groundwater at Area I Burn Pit was added due to exceedance of the screening value for 1,1,DCA at RD-100 at a concentration of 6.7 µg/L. This is a new well installed in November 2011 and sampled for the first time in first quarter 2012.
- The 'STL-IV' area of impacted groundwater was re-added due to re-exceedance of the screening value for 1,1-DCA at PZ-015G at a concentration of 41 µg/L. 1,1-DCA was last sampled at PZ-015G in March 2003 and was detected above the screening value at an estimated concentration of 44 J µg/L.

1,4-Dioxane (Figure 15)

It should be noted that the screening value for 1,4-dioxane has been lowered from 3 µg/L to 1 µg/L since the time the Groundwater RI Report (MWH, 2009) was prepared. The 1,4-dioxane areas of impacted groundwater from the Groundwater RI Report used the old screening value whereas the adjusted chemical extent boundaries in the 2010 Annual Report (MWH, 2011a), the 2011 Annual Report (MWH, 2012), and in this report use the new screening value.

- A new area of impacted groundwater at Area I Burn Pit was added due to exceedance of the screening value for 1,4-dioxane at RD-100 at a concentration of 17 µg/L. This is a new well installed in November 2011 and sampled for the first time in first quarter 2012.
- A new area of impacted groundwater at 'Coca' was added due to exceedance of the screening value for 1,4-dioxane at RD-42 at an estimated concentration of 1.9 J µg/L. 1,4-Dioxane was previously analyzed at RD-42 eight times with no detections.
- The 'RD-68 cluster' area of impacted groundwater was removed due to decreased concentrations of 1,4-dioxane at RD-68A and RD-68B to levels below the screening value. 1,4-Dioxane was not detected at either of the two wells in 2011 or 2012. 1,4-Dioxane was detected above the screening value at these locations in third quarter 2010 at estimated concentrations of 1.3 J at RD-68A and 1.2 J at RD-68B.

Carbon Tetrachloride (Figure 16)

- The 'IEL/APTF' area of impacted groundwater was split into two separate areas of impact at IEL and APTF due to decreased concentrations of carbon tetrachloride at HAR-25 to levels below the screening value (0.5 µg/L). Carbon tetrachloride was not detected at HAR-25 in 2010, 2011, and 2012. Carbon tetrachloride last exceeded the screening value at HAR-25 in March 2002 at a concentration of 0.51 µg/L.
- The 'RD-56' area of impacted groundwater was removed due to decreased concentrations of carbon tetrachloride at RD-56A to levels below the screening value. Carbon tetrachloride was not detected at RD-56A in 2011 and 2012. Carbon tetrachloride last exceeded the screening value at RD-56A in May 2001 at a concentration of 19 µg/L.

1,2,3-Trichloropropane (Figure 17)

No adjustments to the areas of impacted groundwater for 1,2,3-trichloropropane (1,2,3-TCP) were required.

Formaldehyde (Figure 18)

No adjustments to the areas of impacted groundwater for formaldehyde were required.

Total Petroleum Hydrocarbons C4-C30 (Figure 19)

- The 'B-1' area of impacted groundwater was extended to the southwest due to a first time exceedance of the screening value (100 µg/L for TPH C12-C30 and 50 µg/L for TPH C4-C12) at RD-72 at a concentration of 27,000 µg/L (C8-C30). TPH was not previously analyzed at RD-72, and so this result further refines the location of the chemical extent boundary.
- The 'IEL' area of impacted groundwater was extended to the northeast due to a first time exceedance of the screening value at RD-35B at a concentration of 4,300 µg/L (C8-C30). TPH was not previously analyzed at RD-35B, and so this result further refines the location of the chemical extent boundary.
- The 'Canyon' area of impacted groundwater was extended to the east due to a first time exceedance of the screening value at RD-01 at a concentration of 760 µg/L (C6-C12) and to the west due to a first time exceedance of the screening value at RD-45B at a concentration of 270 µg/L (C8-C30). TPH was previously analyzed at RD-45B eight times with no detections; however, some of these results had elevated detection limits above the screening value. TPH was not previously analyzed at RD-01, and so this result further refines the location of the chemical extent boundary.
- The 'Delta' area of impacted groundwater was extended to the east due to a first time exceedance of the screening value at RD-41B at a concentration of 780 µg/L (C6-C12).

RD-41B was last sampled for TPH in February 1999 and was not detected with elevated detection limits above the screening value.

- The Expendable Launch Vehicle/ Building 204 ('ELV/B204') area of impacted groundwater was extended to the north due to first time exceedance of the screening value at RD-56A at a concentration of 240 µg/L (C6-C12). TPH was not previously analyzed at RD-56A, and so this result further refines the location of the chemical extent boundary.

N-Nitrosodimethylamine (Figure 20)

- The 'B-1' area of impacted groundwater was removed due to decreased concentrations of n-nitrosodimethylamine (NDMA) at RD-72 to levels below the screening value (0.01 µg/L). NDMA was not detected in first and third quarters 2012. NDMA concentrations at RD-72 last exceeded the screening value in September 2005 at a concentration of 0.011 µg/L.

Perchlorate (Figure 21)

- The 'Compound A' area of impacted groundwater was removed due to decreased concentrations of perchlorate at ES-24 and RS-33 to levels below the screening value (6 µg/L). Perchlorate was not detected or was detected below the screening value at ES-24 in 2012 and was not detected at RS-33 in 2011 and 2012. Prior to 2012, ES-24 was last sampled for perchlorate in May 2001 and was detected above the screening value at a concentration of 11 µg/L. Perchlorate concentrations exceeded the screening value at RS-33 in third quarter 2010 at a concentration of 12 µg/L.

Nitrate as NO3 (Figure 22)

- The 'APTF' area of impacted groundwater was removed due to decreased concentrations of nitrate at HAR-02 and HAR-24 to levels below the screening value (45 milligrams per liter [mg/L]). Nitrate was detected below the screening value at HAR-02 in 2011 and at HAR-24 in 2012. Prior to these recent results, HAR-02 was last sampled for nitrate in September 1987 and was detected above the screening value at a concentration of 55.4 mg/L and HAR-24 in August 2005 at a concentration of 49 mg/L.
- The 'Compound A North' area of impacted groundwater was removed due to decreased concentrations of nitrate at ES-28 and ES-29 to levels below the screening value. Nitrate was detected below the screening value at ES-28 in first and third quarters 2012 and at ES-29 in 2010, 2011, and 2012. Prior to these recent results, ES-28 was last sampled for nitrate in September 1987 and was detected above the screening value at a concentration of 51 mg/L and ES-29 in September 1987 at a concentration of 69.6 mg/L.

Fluoride (Figure 23)

- The Radioactive Materials Handling Facility ('RMHF') area of impacted groundwater was removed due to decreased concentrations of fluoride to levels below the screening value (0.8 mg/L) at RD-63. Fluoride was detected below the screening value in 2011 and 2012. Prior to these recent results, RD-63 was last sampled for fluoride in November 1994 and was detected above the screening value at a concentration of 1.5 mg/L.

4.2.4 Regulated Unit Groundwater Monitoring Program

As specified in the PCPs and Regulated Unit WQSAPs, concentration limits are to be established after completion of the first year of monitoring. Proposed statistical methods and resultant proposed Concentration Limits for COCs at regulated units were developed following completion of the first year of monitoring under the 2010 Modified PCPs, and were presented in the first quarter 2011 groundwater monitoring progress report (MWH, 2011c). For some COCs and regulated units, there was an insufficient number of results to complete the statistical evaluation and develop proposed Concentration Limits. Background wells for regulated units and COCs with fewer than the minimum required four sample results continued to be sampled in each subsequent sampling event until the minimum number of results were obtained and Concentration Limits could be developed and proposed. Proposed Concentration Limits for COCs at regulated units were re-evaluated using the dataset for the period from second quarter 2010 through fourth quarter 2011 and were presented in Appendix G of the 2011 Annual Report (MWH, 2012). As noted in DTSC's February 17, 2012 letter, the approach detailed in Appendix G satisfies requirements presented in the 2010 Modified PCPs (DTSC, 2012a).

Each of the regulated unit program areas are shown on the chemical maps (Figures 7 through 23). Evaluation of results under the detection monitoring and evaluation monitoring programs will be performed after DTSC approval of the proposed concentration limits (DTSC, 2012a).

4.2.4.1 Detection Monitoring Program

4.2.4.1.1 Background/Concentration Limits

The evaluation for development of proposed background concentrations to be used as Concentration Limits for each COC at each regulated unit is presented in Appendix G of the 2011 Annual Report (MWH, 2012).

4.2.4.1.2 Statistical Evaluation

After the proposed regulated unit-specific concentration limits are approved, subsequent results collected from regulated unit compliance monitoring locations will be statistically compared to the concentration limits for each COC at each regulated unit to evaluate compliance and evidence of releases.

4.2.4.2 Evaluation Monitoring Program

4.2.4.2.1 Data Evaluation

After the proposed regulated unit-specific concentration limits are approved, subsequent results collected from regulated unit monitoring locations will be screened against the concentration limits and used to assess the nature and extent of the release from each regulated unit, including the spatial distribution and concentration of each COC.

4.2.4.3 Corrective Action Interim Measure Monitoring Program

Results from samples collected at WS-09A during the 2012 reporting period were consistent with historical results. No other CAIM monitoring program wells were connected to treatment systems or active during 2012.

4.2.4.4 2012 Verification Sampling

The results of 2012 verification sampling and analyses are presented in Table 22. Verification groundwater samples were collected and analyzed during the sampling event following detections in samples from Regulated Unit Program wells of Appendix IX list analytes not already on the COC list for the corresponding regulated unit to confirm if these analytes are detectable in groundwater samples from these locations. Voluntary follow-up sampling may be performed in a similar manner to provide similar confirmation for constituents not on the Appendix IX list or at wells that are not part of the regulated units programs; however, no follow-up sampling was performed in the 2012 reporting period. Verification and follow-up

samples include primary, field duplicate, split, and field blank samples. Equipment rinsate samples were also collected and analyzed in cases where non-dedicated sampling equipment was used.

Results of verification sampling and analysis conducted during 2012 indicated that the targeted constituents were not repeatable in consecutive groundwater samples except for diethyl phthalate which was confirmed in HAR-26 at the ECL regulated unit, and sulfide in PZ-060 at ABSP. These verification sampling results were submitted to DTSC as required by the PCPs, and phthalates will be added to the COC list for ECL (Boeing, 2012). Also in accordance with the PCPs and consistent with previous confirmed sulfide detects, it was recommended in that submittal that sulfide be excluded from the ABSP COC list because sulfide was excluded from the groundwater monitoring program regulated unit COC lists when detected in the past, it is often naturally occurring, and it is not a risk driver.

4.2.4.5 Proposed Q1 2013 Verification Sampling

Table 23 presents the proposed first quarter 2013 verification and follow-up sampling based on previous results that indicated additional sampling be scheduled to confirm if select constituents are detectable in groundwater samples. There was no verification or follow-up sampling based on results from third quarter 2012, the last sampling event. However, some verification samples proposed for third quarter were unable to be collected and are scheduled for sampling in first quarter 2013.

4.2.5 Analytical Results

During the 2012 reporting period, constituent concentrations in groundwater samples collected at the SSFL were below detection limits or, if detected, consistent with past concentrations, with exceptions identified in Tables 10 and 11. These exceptions generally lie within the following categories:

- First-time detection and first-time analysis; results of analyses performed for the first time are indicated by an asterisk in Table 10;
- First-time detection near the method detection limit (MDL) or MDA and: 1) only a recent sampling history (small total number of analyses for that constituent), or 2) the constituent is a common field or laboratory contaminant, or 3) the constituent is a naturally-occurring compound;

- First-time detect and lower MDL or MDA compared to historical results;
- First-time detect at a well in an area of impacted groundwater, and the constituent is a daughter product of another constituent known to be present at that location, or is otherwise consistent with other compounds previously detected at that location;
- First-time detect or new maximum concentration is consistent with data from other nearby wells;
- New maximum concentration only slightly exceeds previous maximum, and a clear increasing trend is not apparent;
- The particular hydrocarbon chain reporting range for a first-time or new TPH detect varies from the hydrocarbon chain reporting range of previous TPH analyses;
- Detection not repeatable in consecutive sampling events, or not consistent between primary, duplicate and split sample results; and
- Combinations of the above.

The few cases for which there are insufficient historical data to provide further context for the recent results, or that otherwise warrant further discussion are presented below, with on-site detects (excluding radiochemical constituents) discussed in Section 4.2.5.1, off-site detects (excluding radiochemical constituents) discussed in Section 4.2.5.2, radiochemistry results discussed in Section 4.2.5.3, and follow-up discussion of 2011 results highlighted in the 2011 annual report (MWH, 2012) discussed in Section 4.2.5.4. Section 4.2.5.5 presents the results of an evaluation of data collected before and after monitoring wells were retrofitted with low-flow sampling equipment.

4.2.5.1 On-site Detects

Constituent concentrations (except for radiochemical constituents which are discussed separately in Section 4.2.5.3) detected in groundwater samples collected from on-site wells in 2012 that were inconsistent with historical data fell within the categories listed in Section 4.2.5 and were unremarkable, or are discussed in more detail below:

- 1,1-Dimethylhydrazine was detected for the first time at groundwater monitoring well HAR-07 in the third quarter of 2012 at an estimated concentration of 4.8 J µg/L. No screening value has been designated for 1,1-dimethylhydrazine. 1,1-Dimethylhydrazine was not detected in 10 previous samples from HAR-07. HAR-07 is scheduled for semi-annual sampling of 1,1-dimethylhydrazine as a COC for the Delta regulated unit under the Regulated Unit monitoring program. Continued sampling and analysis will provide further context for this result.

- 1,1-Dimethylhydrazine was detected for the first time at groundwater monitoring well RD-48A in the third quarter of 2012 at an estimated concentration of 6 J µg/L. No screening value has been designated for 1,1-dimethylhydrazine. 1,1-Dimethylhydrazine was not detected in four previous samples from RD-48A. RD-48A is scheduled for semi-annual sampling of 1,1-dimethylhydrazine as a COC for the Advanced Propulsion Test Facility (APTF)-1/APTF-2 regulated units under the Regulated Unit monitoring program. Continued sampling and analysis will provide further context for this result.
- Monomethylhydrazine was detected for the first time at groundwater monitoring well RD-03 in the third quarter of 2012 at an estimated concentration of 8.5 J µg/L. No screening value has been designated for monomethylhydrazine. Monomethylhydrazine was not detected in seven previous samples from RD-03. RD-03 is scheduled for semi-annual sampling for monomethylhydrazine as a COC for the APTF-1/APTF-2 regulated units under the Regulated Unit monitoring program. Continued sampling and analysis will provide further context for this result.
- Diesel range organics (DRO) were detected for the first time at groundwater monitoring well RD-45B in the third quarter of 2012 at concentrations of 0.24 mg/L for the C12-C14 range and 0.27 mg/L for the C8-C30 range, which are both above the Taste/Odor Threshold of 0.1 mg/L. DRO was not detected in eight previous samples from RD-45B. RD-45B is located near an area of known petroleum hydrocarbon impacts at the Canyon RI Site. RD-45B is scheduled for semi-annual sampling of DRO as a COC for the APTF-1/APTF-2 regulated units under the Regulated Unit monitoring program. Continued sampling and analysis will provide further context for these results.
- Perchlorate was detected for the first time at groundwater monitoring well HAR-26 in the third quarter of 2012 at an estimated concentration of 0.8 J µg/L, which is below the California Maximum Contaminant Level (MCL) of 6 µg/L. This result value is only an estimate and is near the MDL of 0.28 µg/L. Perchlorate was not detected in 10 previous samples from HAR-26. HAR-26 is scheduled for semi-annual sampling of perchlorate as a COC for the ECL regulated unit under the Regulated Unit monitoring program. Perchlorate was analyzed at HAR-26 using EPA Method 314.0 for the third quarter 2012 event; a method that has historically been somewhat prone to false-positive results. The lower-level EPA Method 6860 will be used for perchlorate analysis for the sample collected from HAR-26 during the next sampling event in first quarter 2013, and will provide further context for this result.
- TCE was detected at a new maximum concentration of 12 µg/L at monitoring well RD-69 in the first quarter of 2012 above the Primary MCL of 5 µg/L. TCE was previously analyzed at RD-69 47 times and detected only once at an estimated concentration of 0.41 JQC µg/L in February 2006. The QC qualifier was applied to this historical result because of possible carry-over contamination (laboratory cross contamination resulting from a high TCE concentration in the previous sample processed by the analytical instrument) identified by the laboratory; although the data validator did not reject this result, it was noted that this result was not considered representative of RD-69 groundwater quality. TCE was not detected in the sample collected from RD-69 in third quarter 2012. These results suggest the first quarter 2012 detection of TCE was spurious. RD-69 is located northeast of the LOX RFI site just inside the northern SSFL site

boundary in the NASA portion of Area I. RD-69 is scheduled for continued annual volatile organic compounds (VOCs) sampling and analysis under the Site-Wide Program.

4.2.5.2 Off-site Detects

Constituent concentrations (except for radiochemical constituents which are discussed separately in Section 4.2.5.3) detected in groundwater samples collected from off-site wells in 2012 that were inconsistent with historical data fell within the categories listed in Section 4.2.5 and were unremarkable, or are discussed in more detail below:

- Gasoline range organics (GRO) was analyzed for the first time at OS-26 in the first quarter of 2012 in support of the Groundwater RI Data Gap SAP and was detected at an estimated concentration of 15 J µg/L for the C6-C12 range, which is above the Taste/Odor Threshold of 5 µg/L. It should be noted that this reference value is below typical laboratory reporting limits. Additionally, this result value is only an estimate and is near the MDL of 10 µg/L. GRO was not detected in the sample collected from OS-26 in the third quarter of 2012 nor in any other TPH carbon ranges suggesting that the trace concentration of GRO (C6-C12) detected in first quarter 2012 was spurious. OS-26 is located northeast of SSFL approximately 2,000 feet from the SSFL boundary and any GRO at this location would not likely be derived from an SSFL source. OS-26 is not monitored for GRO under the current Regulated Unit or Site-Wide groundwater monitoring programs.
- Perchlorate was detected for the first time at off-site groundwater monitoring well RD-66 in the third quarter of 2012 at an estimated concentration of 0.049 J µg/L, which is below the California MCL of 6 µg/L. This result value is only an estimate and is near the MDL of 0.0088 µg/L. Perchlorate was not detected in 22 previous samples from RD-66. However, the MDLs for the previous analyses ranged from 0.28 µg/L to 4 µg/L, thus the first time detect result during this event has a much lower MDL than the previous results. Perchlorate was also detected at a concentration of 0.37 µg/L at nearby off-site groundwater monitoring well RD-36B, where perchlorate had been detected in 2 of 24 previous samples. In general, these detects are not strongly supported by the historical data. There are over 20 historical non-detects at each of these two wells, and perchlorate has never been detected at other wells in the vicinity with similarly extensive sampling histories that include third quarter 2012 at the lower MDL. RD-36B and RD-66 are located northeast of SSFL approximately 200 and 700 feet from the SSFL boundary, respectively. RD-36B is scheduled for semi-annual sampling of perchlorate as a COC for the APTF-1/APTF-2 regulated units under the Regulated Unit monitoring program, and RD-66 is scheduled for annual Site-Wide program sampling for perchlorate. Continued sampling and analysis will provide further context for these results.

4.2.5.3 Radiochemistry

Radiochemistry analyses were performed for samples collected during the 2012 reporting period under the Site-wide Program, Groundwater RI Data Gap sampling, and Area IV sampling. Radiochemistry analysis results for 2012 are presented in Table 18, and discussed further below.

Beginning in third quarter 2010, radiochemistry analyses (except for tritium) of Site-wide program and other groundwater samples were performed using a new approach described in EPA's Area IV Radiochemistry Study QAPP (HGL, 2010). In short, this approach involves filtering at the laboratory followed by separate analysis of the liquid filtrate and the solid residue captured by the filter. Each of the results has its own associated error and MDA. This approach was incorporated into the 2010 Site-Wide WQSAP (Haley & Aldrich, 2010e).

Radiochemistry constituents detected for the first time in groundwater at individual locations are presented in Table 10 and constituents previously detected in groundwater at a particular location but reported at a new maximum concentration are presented in Table 11. Because of the limited history of particulate results, a particulate detection was considered new if the constituent was never detected in historical particulate, dissolved or total results, and was considered a new maximum if the constituent was detected at a higher activity than the previous maximum activity reported in historical particulate, dissolved or total results. Comparison of radiochemistry results using the new approach (with separate analysis of liquid filtrate [dissolved] and solid residue [particulate]) to historical results may not be representative, especially for the particulate results. Any new detections or new maximums discussed below may be due, at least in part, to the change in sample preparation and analysis methodology first implemented in third quarter 2010, or to the comparison with historical data using other methods.

Radiochemical constituent activity levels detected in groundwater samples in 2012 that were inconsistent with historical data fell within the categories listed in Section 4.2.5 and were unremarkable, or are discussed in more detail below:

- Dissolved gross alpha was detected at a new maximum in onsite groundwater monitoring well HAR-20 in the third quarter of 2012 at an estimated value of 22 J ± 7 picoCuries per liter (pCi/L) which is above the Primary MCL of 15 pCi/L. Because this result is an estimated value, comparison with the Primary MCL is only approximate and the actual concentration may or may not have exceeded the Primary MCL. Particulate gross alpha was not detected at HAR-20. Adjusted dissolved gross alpha activity (adjusted for naturally occurring uranium) was less than zero pCi/L indicating the dissolved gross alpha result is associated with naturally occurring uranium, the presence of which is consistent with other results throughout SSFL. HAR-20 was sampled in 2012 in support

of the Groundwater RI Data Gap SAP. This well is not monitored for gross alpha activity under the current Site-Wide groundwater monitoring program.

- Dissolved gross beta was detected at a new maximum in onsite groundwater monitoring well RD-60 in the third quarter of 2012 at an estimated value of 81 J ± 21 pCi/L, which is above the Primary MCL of 50 pCi/L. Because this result is an estimated value, comparison with the Primary MCL is only approximate and the actual concentration may or may not have exceeded the Primary MCL. Furthermore, the "J" flag was assigned to this result by the data validators because of quality control issues that were not severe enough to require rejection of this result altogether, but that were sufficient to require indication that the result value is suspect. Particulate gross beta was detected at an estimated value of 6.6 J ± 1.6 pCi/L. Dissolved gross beta has been previously analyzed at RD-60 two times and was detected once at 13.59 ± 4.01 pCi/L. RD-60 is scheduled for annual Site-Wide program sampling for gross beta activity, and continued sampling and analysis will provide further context for this result.

4.2.5.4 2011 Results Follow-up

Follow-up discussion for select results highlighted in the 2011 annual report (MWH, 2012) is provided below. The sampling and analyses performed in 2012 provided sufficient resolution of these 2011 results, and did not indicate a need for changes to the groundwater monitoring programs.

4.2.5.4.1 2011 On-site Detects

- 1,4-Dioxane was detected for the first time in the first quarter of 2011 at RD-78 at a concentration of 11 µg/L, above the NL of 1 µg/L. During the third quarter of 2011, 1,4-dioxane was detected at 10 µg/L. This well was previously sampled for 1,4-dioxane only once in 2010, and 1,4-dioxane was not detected, but the detection limit was elevated above the screening value. 1,4-Dioxane concentrations detected in subsequent samples collected from RD-78 in the first and third quarters of 2012 at 14 and 11 µg/L, respectively, were consistent with the previous 2011 results. RD-78 is scheduled for continued annual Site-wide Program sampling for 1,4-dioxane.
- DRO was detected for the first time at RD-48B in second quarter 2011 at concentrations of 0.36 mg/L in the C8-C30 range and 0.36 mg/L in the C21-C30 range, above the Taste/Odor Threshold of 0.1 mg/L. DRO was not detected at RD-48B in four previous samples in the C8-C30 range and eight previous samples for the C21-C30 range. DRO was also not detected in subsequent samples collected from RD-48C in the first and third quarters of 2012. However, DRO was detected above the Taste/Odor Threshold in the well cluster in well RD-48C in third quarter 2011, first quarter 2012, and third quarter 2012 (see next bullet below). RD-48B is scheduled for continued semi-annual sampling of DRO as a COC for the APTF-1/APTF-2 regulated units under the Regulated Unit monitoring program.
- DRO was detected at RD-48C in third quarter 2011 at new maximum concentrations of 0.3 mg/L in the C12-C14 range and 0.35 mg/L in the C8-C30 range, above the

Taste/Odor Threshold of 0.1 mg/L. DRO was detected only once in eight previous samples from RD-48C, at concentrations below the screening value in second quarter of 2011. DRO concentrations in subsequent samples collected from RD-48C in the first and third quarters of 2012 were generally consistent with the 2011 results and remain above the Taste/Odor Threshold. RD-48C is scheduled for continued semi-annual sampling of DRO as a COC for the APTF-1/APTF-2 regulated units under the Regulated Unit monitoring program.

4.2.5.4.2 2011 Off-site Detects

- 1,4-Dioxane was detected for the first time at well RD-39A at a concentration of 3.2 µg/L during the first quarter 2011, which is above the NL of 1 µg/L. The most recent prior analysis for 1,4-dioxane at this location was in 2001. RD-39A was dry or contained insufficient water for sampling during all sampling events following first quarter 2011, which consisted of the second and third quarters of 2011, and the first and third quarters of 2012. This well is scheduled for semi-annual Regulated Unit Program and annual Site-wide Program sampling for 1,4-dioxane, and continued sampling and analysis will provide further context for this result.
- 1,4-Dioxane was detected at well RD-36D at a new maximum concentration estimated at 1.2 J µg/L in second quarter 2011, which is above the NL of 1 µg/L. This was the first time the NL for 1,4-dioxane has been exceeded at this location; however, this is an estimated concentration, and so the comparison with the NL is only approximate and the actual concentration may or may not have exceeded the NL. RD-36D was sampled 12 times previously for 1,4-dioxane with two detections and a maximum concentration estimated at 0.6 J µg/L in the second quarter of 2010. 1,4-Dioxane was not detected in subsequent samples collected from RD-36D in third quarter 2011, first quarter 2012, and third quarter 2012. RD-36D is located within an area of known 1,4-dioxane impacts. These infrequent detects may represent the upper range of 1,4-dioxane concentrations occasionally present as a transient condition at RD-36D. This well is scheduled for continued semi-annual sampling of 1,4-dioxane as a COC for the APTF-1/APTF-2 regulated units under the Regulated Unit monitoring program.
- NDMA was detected for the first time at an estimated concentration of 0.0054 J µg/L at well RD-38B in first quarter 2011, which is below the NL of 0.01 µg/L (DPH, 2010). NDMA was not detected in the first quarter 2011 field duplicate sample from this well. RD-38B was previously sampled six times for NDMA providing a total of 8 non-detect results. NDMA was not detected in subsequent samples collected during the second and third quarters of 2011 and first and third quarters of 2012. These results suggest that the trace concentration of NDMA at RD-38B in first quarter 2011 was likely spurious. This well is scheduled for continued semi-annual Regulated Unit Program and annual Site-wide Program sampling for NDMA.
- NDMA was detected for the first time at well RD-68A during the third quarter 2011 at an estimated concentration of 0.010 J µg/L, which is equal to the NL of 0.01 µg/L. Because this result is an estimated concentration, comparison with the NL is only approximate and the actual concentration may or may not have exceeded the NL. NDMA was not detected in the field duplicate sample above the estimated MDL of 0.005 µg/L during the third

quarter 2011, nor was NDMA detected in five previous samples from RD-68A. NDMA was also not detected in subsequent samples collected from RD-68A in the first and third quarters of 2012. The detection in the third quarter 2011 sample is also inconsistent with historical results from other monitoring wells in this area. These results suggest that the detection of NDMA at RD-68A in third quarter 2011 was likely spurious. RD-68A is scheduled for continued semi-annual sampling of NDMA as a COC for the ABSP regulated unit under the Regulated Unit monitoring program.

- DRO was detected for the first time at off-site well RD-43A in first quarter 2011 at 0.39 mg/L in the carbon range C21-C30, and 0.41 mg/L in the carbon range C8-C30, above the Taste/Odor Threshold of 0.1 mg/L. DRO was not detected in three previous samples from RD-43A, and also was not detected in subsequent samples collected during the second and third quarters of 2011 and first and third quarters of 2012, suggesting that the first quarter 2011 DRO detections were spurious. This well is scheduled for continued semi-annual sampling of DRO as a COC for the APTF-1/APTF-2 regulated unit under the Regulated Unit monitoring program.
- DRO was detected for the first time at off-site well RD-43B in third quarter 2011 in the carbon range C12-C14 at an estimated concentration of 0.034 J mg/L, below the Taste/Odor Threshold of 0.1 mg/L. DRO was not detected in three previous samples from RD-43B. In subsequent samples collected from RD-43B, DRO (C12-C14) was detected in first quarter 2012 at an estimated concentration of 0.033 J mg/L and was not detected in third quarter 2012. These recent detections may be spurious, or may represent the upper range of DRO concentrations occasionally present as a transient condition at RD-43B. This well is scheduled for continued semi-annual sampling of DRO as a COC for the APTF-1/APTF-2 regulated units under the Regulated Unit monitoring program.
- Ammonia was detected at well RD-36C at a new maximum concentration estimated at 0.28 J mg/L in second quarter 2011. There is no screening value established for ammonia. RD-36C was sampled seven times previously for ammonia with two detections and a maximum concentration estimated at 0.13 J mg/L in the first quarter of 2011. In subsequent samples collected from RD-36C, ammonia was detected at estimated concentrations of 0.23 J, 0.18 J, and 0.17 J mg/L in third quarter 2011, first quarter 2012, and third quarter 2012, respectively, generally consistent with the previous detections. This well is scheduled for continued semi-annual sampling of ammonia as a COC for the APTF-1/APTF-2 regulated units under the Regulated Unit monitoring program.

4.2.5.4.3 2011 Radiochemistry Results

- Particulate gross alpha activity was analyzed for the first time in on-site well RD-56B in third quarter 2011, and was detected at 19.67 ± 4.389 pCi/L. Adjusted particulate gross alpha at RD-56B was 16.46 pCi/L, which is above the Primary MCL of 15 pCi/L. Dissolved gross alpha (analyzed just once previously in 1998) was not detected. Particulate gross alpha activity was detected in subsequent samples collected from RD-56B in the first and third quarters of 2012 at 3.29 ± 1.1 and 14 J ± 3.6 pCi/L, respectively, with adjusted particulate gross alpha of 2.37 and 12.27 pCi/L, which are both below the Primary MCL. This well is scheduled for continued annual Site-wide Program sampling for gross alpha activity.

- Dissolved gross beta activity was detected at a new maximum value of 14.57 ± 2.871 pCi/L in off-site well RD-59C in third quarter 2011. This result is below the California MCL of 50 pCi/L, but exceeds the previous maximum activity of 5.47 ± 2.6 pCi/L from August 2008 by a factor of more than two. Particulate gross beta activity was not detected at RD-59C. Dissolved gross beta and particulate gross beta were not detected in a subsequent sample collected from RD-59C in first quarter 2012. This well is scheduled for continued annual Site-wide Program sampling for gross beta activity.
- Strontium-90 (Sr-90) was analyzed for the first time in on-site well RD-56B in third quarter 2011, and particulate Sr-90 was detected at an activity of 1.57 ± 0.551 pCi/L, near the MDA of 1 pCi/L and less than the Primary MCL for Sr-90 of 8 pCi/L. Dissolved Sr-90 was not detected. The particulate Sr-90 detection was reported in the Groundwater Monitoring Progress Report, Third Quarter 2011 (MWH, 2011d) as suspect and pending reanalysis because the laboratory indicated that the detection may have been at least partly a result of background Sr-90 in the relatively high total suspended solids in this groundwater sample, or an artifact of counting or sample digestion. Reanalysis and data validation confirmed the initial result, and the data validation team provided the following statement: "Based upon the information reviewed, the Sr-90 should be considered as a confirmed detect. This determination is supported by the agreement of replicate results within the margins of error. It is also supported by the gross beta results although the gross beta results are higher than one would typically expect from the beta emitters reported." In subsequent samples collected from RD-56B, particulate Sr-90 was not detected in first quarter 2012 but was detected at 2.6 ± 0.3 pCi/L in third quarter 2012. RD-56B is scheduled for continued annual Site-wide Program sampling for Sr-90.
- Particulate barium-133 (Ba-133) was detected for the first time in the third quarter 2011 field duplicate sample collected from well RD-85 at an estimated activity of 2.167 J ± 1.55 pCi/L, with an MDA of 1.16 pCi/L. This result is below the Primary MCL, based on 4 mrem/yr effective dose equivalent, of 1,520 pCi/L (Federal Register, 2000a). The estimated activity value is near the MDA and only slightly larger than its 2-sigma counting error, suggesting that this result is suspect. Dissolved Ba-133 was not detected in this field duplicate or in the primary sample. Particulate Ba-133 was not detected in the primary sample, reported as 0.72 U ± 0.483, with an MDA of 0.9 pCi/L, further suggesting that the detection in the field duplicate sample was spurious. Both dissolved Ba-133 and particulate Ba-133 were not detected in a subsequent sample collected from RD-85 in first quarter 2012 providing further support that the third quarter 2011 detection was spurious. RD-85 is scheduled for continued annual Site-wide Program sampling for Ba-133.
- Particulate sodium-22 (Na-22) was detected for the first time in the third quarter 2011 sample collected from well RD-98 at an estimated activity of 0.92 J ± 0.742 pCi/L, with an MDA of 0.82 pCi/L. This result is below the Primary MCL, based on 4 mrem/yr to the critical organ, of 400 pCi/L (Federal Register, 2000a). The estimated activity value is near the MDA and only slightly larger than its 2-sigma counting error, suggesting that this result is suspect. Dissolved Na-22 and particulate Na-22 were not detected in a subsequent sample collected from RD-98 in first quarter 2012, further supporting that the third quarter 2011 detection was spurious. RD-98 is scheduled for additional sampling for Na-22 in first quarter 2013.

4.2.5.5 Low-Flow Sampling Results

Wells in the Regulated Unit and Site-Wide Programs began being sampled using low-flow methodology in 2010 through 2011 after wells were retrofitted with low-flow pumping equipment (Haley & Aldrich, 2010d, 2011). Prior to the third quarter 2011, most Site-Wide Program wells were retrofitted with low-flow equipment. RD-10 was the only location sampled using low-flow methodology for the first time in first quarter 2012 due to required well maintenance at the well which delayed completion of low-flow retrofitting. Concentrations in samples collected in the first quarter of 2012 using low-flow methodology for the first time at RD-10 were generally similar to concentrations in samples collected prior to the use of low-flow methodology except for perchlorate, which increased by a factor of nearly two relative to the concentration in the last sample collected prior to low-flow retrofitting (from 61 µg/L to 110 µg/L). This first low-flow sampling result for perchlorate at RD-10 is within the range of historical concentrations at this well (historical maximum concentration of 280 µg/L in June, 2002).

5.0 2013 PLANNED ACTIVITIES

A statistical evaluation of background/concentration limits, as required by the 2010 Modified PCPs, is presented in Appendix G of the 2011 annual report (MWH, 2012). For COCs with fewer than the minimum of four background well results required to determine proposed concentration limits, additional samples will be collected semi-annually (rather than annually as called for in the PCPs for background wells) until the required minimum of four samples have been collected. After DTSC approval of the proposed concentration limits, these values will be used as the standard of comparison for evaluating future data. In accordance with DTSC's February 17, 2012 letter (DTSC, 2012a), the concentration limits will be re-evaluated and updated every two years to incorporate additional background well sample results; these updates will be presented in the annual monitoring reports summarizing the results of odd-numbered years (e.g., 2011, 2013, etc.).

In accordance with the PCPs and WQSAPs, the monitoring frequency for Regulated Unit Program wells during 2013 will be annual for background parameters and semi-annual for COCs, except at background monitoring locations which will be annual for COCs. For Regulated Units with less than four background well results for certain COCs, semi-annual sampling and analysis for those COCs will continue until at least four background well results for each COC have been acquired. The monitoring frequency for the Site-Wide Program will decrease from semi-annual in 2012 to annual starting in 2013.

The monitoring well networks included in the Regulated Unit Program and the Site-Wide Program were evaluated in compliance with the requirements of the PCPs and WQSAPs. Data included in this report indicate that the programs are providing effective monitoring of groundwater conditions at the site. One possible exception is 1,4-dioxane in the Northeast Plume near RD-39A where additional data are needed to further evaluate the extent of 1,4-dioxane in groundwater. RD-39A was unable to be sampled in 2012 due to being dry or containing insufficient water. Additional scheduled sampling of RD-39A in 2013, and sampling of seep cluster wells planned for installation at seep S-27 northeast of RD-39A during 2013, will help to address this data need.

5.1 OUTSTANDING ISSUES AND/OR FOLLOW-UP WORK

Well development at RS-35 could not be completed due to insufficient water. Development will be attempted the next time sufficient water is observed in the well.

Low-flow retrofitting of Site-Wide well RD-34B was not able to be completed due to an obstruction. It was recommended that retrofitting of RD-34B be abandoned and that the well be removed from the Site-Wide groundwater monitoring program (Boeing, 2011). DOE is managing this issue directly and the disposition of this well is pending resolution with DTSC.

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TABLES

TABLE 1
LIST OF WELLS AND MONITORING PROGRAMS
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well ID	Previous Well ID	Post-Closure Permit Regulated Unit Monitoring Program [1,2,3]								Site-Wide Monitoring Program [4]			LUFT Monitoring Program
		Permit for	Regulated Unit	POC	Bkgd	DM	EM	EM (aff)	CAIM	CAIM status	Sampling Program	Groundwater Impact Area	Water Level Monitoring Program	
ECL French Drain		Areas I & III	Other Extraction Wells						X	not active			X	
ECL Sump		Areas I & III	Other Extraction Wells						X	not active			X	
ES-01		Areas I & III	Other Extraction Wells						X	not active	X	4	X	
ES-02													X	
ES-03		Areas I & III	Other Extraction Wells						X	not active			X	
ES-04		Areas I & III	Other Extraction Wells						X	not active			X	
ES-05		Areas I & III	Other Extraction Wells						X	not active			X	
ES-06		Areas I & III	Other Extraction Wells						X	not active			X	
ES-07		Areas I & III	Other Extraction Wells						X	not active			X	
ES-08													X	
ES-09													X	
ES-10													X	
ES-11		Areas I & III	Other Extraction Wells						X	not active			X	
ES-12													X	
ES-13													X	
ES-14		Areas I & III	Other Extraction Wells						X	not active	X	12	X	
ES-15													X	
ES-16													X	
ES-17		Areas I & III	STL-IV-1	X		X	X	X	X	not active			X	
		Areas I & III	STL-IV-2		X									
ES-18													X	
ES-19													X	
ES-20													X	
ES-21		Area II	Other Extraction Wells						X	not active			X	
ES-22		Area II	Other Extraction Wells						X	not active			X	
ES-23		Areas I & III	Other Extraction Wells						X	not active			X	
ES-24		Areas I & III	Other Extraction Wells						X	not active			X	
ES-25													X	
ES-26		Areas I & III	STL-IV-1		X				X	not active			X	
ES-27		Areas I & III	STL-IV-1				X	X	X	not active			X	

TABLE 1
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SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

		Post-Closure Permit Regulated Unit Monitoring Program [1,2,3]								**Site-Wide Monitoring Program [4]**			
Well ID	Previous Well ID	Permit for	Regulated Unit	POC	Bkgd	DM	EM	EM (aff)	CAIM	CAIM status	Sampling Program	Groundwater Impact Area	Water Level Monitoring Program	**LUFT Monitoring Program**
ES-28													X	
ES-29											X	12	X	
ES-30		Areas I & III	Other Extraction Wells						X	not active			X	
ES-31													X	
ES-32		Areas I & III	Other Extraction Wells						X	not active			X	
FDP-835											X	9		
FDP-890											X	9		
HAR-01		Areas I & III	APTF-1, APTF-2				X	X					X	
HAR-02		Areas I & III	APTF-1	X		X	X	X					X	
HAR-03		Areas I & III	APTF-1, APTF-2				X	X					X	
HAR-04		Areas I & III	APTF-2				X	X	X	not active			X	
HAR-05		Area II	SPA-1, SPA-2				X						X	
HAR-06													X	
HAR-07		Area II	Delta				X	X	X	not active			X	
HAR-08		Area II	Delta				X	X					X	
HAR-09		Area II	ABSP	X		X	X	X					X	
HAR-11		Area II	ABSP				X	X					X	
HAR-12		Area II	SPA-1			X	X	X					X	
HAR-13		Area II	SPA-1		X								X	
HAR-14		Area II	SPA-1	X		X	X	X					X	
HAR-15		Area II	SPA-2				X	X					X	
HAR-16		Areas I & III	APTF-1, APTF-2	X		X	X	X	X	not active			X	
HAR-17		Areas I & III	Other Extraction Wells						X	not active			X	
HAR-18		Areas I & III	Other Extraction Wells						X	not active			X	
HAR-19		Area II	ABSP			X	X	X					X	
HAR-20		Area II	ABSP				X	X					X	
HAR-21		Area II	ABSP				X	X					X	
HAR-22													X	
HAR-23		Area II	SPA-1, SPA-2				X						X	
HAR-24													X	

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SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well ID	Previous Well ID	Post-Closure Permit Regulated Unit Monitoring Program [1,2,3]								Site-Wide Monitoring Program [4]			LUFT Monitoring Program
		Permit for	Regulated Unit	POC	Bkgd	DM	EM	EM (aff)	CAIM	CAIM status	Sampling Program	Groundwater Impact Area	Water Level Monitoring Program	
HAR-25		Areas I & III	APTF-1, APTF-2				X						X	
HAR-26		Areas I & III	ECL				X	X					X	
HAR-27		Area II	Delta	X		X	X	X					X	
HAR-28		Area II	Delta			X	X	X					X	
HAR-29		Area II	Delta			X	X	X					X	
HAR-30		Area II	SPA-2			X	X	X					X	
HAR-31		Area II	SPA-2		X								X	
HAR-32		Areas I & III	STL-IV-1, STL-IV-2				X						X	
HAR-33		Areas I & III	STL-IV-1				X	X					X	
HAR-34													X	
OS-02											X	13, 14, 16, 17	X	
OS-03											X	13, 14, 16, 17	X	
OS-04											X	13, 14, 16, 17	X	
OS-05											X	13, 14, 16, 17	X	
OS-09											X	6	X	
OS-09R											X	6	X	
OS-13											X	1	X	
OS-16											X	1	X	
OS-24													X	
OS-25											X	1	X	
OS-26											X	1	X	
PZ-035		Areas I & III	STL-IV-2				X	X					X	
PZ-059		Area II	ABSP		X								X	
PZ-060		Area II	ABSP				X	X					X	
PZ-070		Area II	ABSP				X	X					X	
PZ-074											X	2	X	
PZ-076											X	4	X	
PZ-077											X	4	X	
PZ-078											X	4	X	
PZ-089		Areas I & III	APTF-2	X		X	X	X					X	

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VENTURA COUNTY, CALIFORNIA

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		Permit for	Regulated Unit	POC	Bkgd	DM	EM	EM (aff)	CAIM	CAIM status	Sampling Program	Groundwater Impact Area	Water Level Monitoring Program	
PZ-095											X	5	X	
PZ-097											X	17	X	
PZ-108											X	15	X	
PZ-123											X	2	X	
PZ-124											X	16	X	
RD-01		Areas I & III	Other Extraction Wells						X	not active	X	1	X	
RD-02		Areas I & III	Other Extraction Wells						X	not active	X	3	X	
RD-03		Areas I & III	APTF-1, APTF-2				X				X	4	X	
RD-04		Area II	Other Extraction Wells						X	not active			X	
RD-05A		Area II	Delta				X				X	9	X	
RD-05B		Area II	Delta				X				X	9	X	
RD-05C		Area II	Delta				X				X	9	X	
RD-06		Areas I & III	STL-IV-1, STL-IV-2				X				X	9	X	
RD-07											X	16	X	
RD-08		Areas I & III	ECL				X	X					X	
RD-09		Area II	Other Extraction Wells						X	not active	X	6	X	
RD-10											X	1, 2	X	
RD-11		Areas I & III	ECL				X	X					X	
RD-12		Areas I & III	ECL				X	X					X	
RD-13											X	18	X	
RD-14											X	7	X	
RD-15													X	
RD-16													X	
RD-17													X	
RD-18											X	13	X	
RD-19											X	13	X	
RD-20											X	18	X	
RD-21													X	
RD-22													X	
RD-23													X	

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LIST OF WELLS AND MONITORING PROGRAMS
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well ID	Previous Well ID	Post-Closure Permit Regulated Unit Monitoring Program [1,2,3]								Site-Wide Monitoring Program [4]			LUFT Monitoring Program
		Permit for	Regulated Unit	POC	Bkgd	DM	EM	EM (aff)	CAIM	CAIM status	Sampling Program	Groundwater Impact Area	Water Level Monitoring Program	
RD-24													X	
RD-26													X	
RD-27													X	
RD-29													X	
RD-30													X	
RD-31													X	
RD-32											X	1	X	X
RD-33A											X	17	X	
RD-33B											X	17	X	
RD-33C											X	17	X	
RD-34A											X	13	X	
RD-34B											X	13	X	
RD-34C											X	13	X	
RD-35A											X	1	X	
RD-35B											X	1	X	
RD-36A		Areas I & III	APTF-1, APTF-2				X						X	X
RD-36B		Areas I & III	APTF-1, APTF-2				X						X	X
RD-36C		Areas I & III	APTF-1, APTF-2				X						X	X
RD-36D		Areas I & III	APTF-1, APTF-2				X						X	X
RD-37		Areas I & III	APTF-1, APTF-2				X				X	1	X	X
RD-38A		Areas I & III	APTF-1, APTF-2				X						X	X
RD-38B		Areas I & III	APTF-1, APTF-2				X				X	1	X	X
RD-39A		Areas I & III	APTF-1, APTF-2				X				X	1	X	
RD-39B		Areas I & III	APTF-1, APTF-2				X				X	1	X	
RD-40											X	9	X	
RD-41A		Area II	Delta		X								X	
RD-41B											X	9	X	
RD-41C													X	
RD-42											X	9	X	
RD-43A		Areas I & III	APTF-1, APTF-2				X				X	1	X	

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VENTURA COUNTY, CALIFORNIA

Well ID	Previous Well ID	Post-Closure Permit Regulated Unit Monitoring Program [1,2,3]								Site-Wide Monitoring Program [4]			LUFT Monitoring Program
		Permit for	Regulated Unit	POC	Bkgd	DM	EM	EM (aff)	CAIM	CAIM status	Sampling Program	Groundwater Impact Area	Water Level Monitoring Program	
RD-43B		Areas I & III	APTF-1, APTF-2				X				X	1	X	
RD-43C		Areas I & III	APTF-1, APTF-2				X				X	1	X	
RD-44											X	3	X	
RD-45A		Areas I & III	APTF-1, APTF-2				X						X	
RD-45B		Areas I & III	APTF-1, APTF-2				X						X	
RD-45C		Areas I & III	APTF-1, APTF-2				X						X	
RD-46A		Areas I & III	APTF-1, APTF-2				X						X	
RD-46B		Areas I & III	APTF-1, APTF-2				X				X	4	X	
RD-47													X	
RD-48A		Areas I & III	APTF-1, APTF-2				X				X	4	X	
RD-48B		Areas I & III	APTF-1, APTF-2				X				X	4	X	
RD-48C		Areas I & III	APTF-1, APTF-2				X				X	4	X	
RD-49A		Area II	ABSP		X								X	
RD-49B		Area II	ABSP		X								X	
RD-49C		Area II	ABSP				X	X					X	
RD-50											X	17	X	
RD-51A		Areas I & III	APTF-1, APTF-2				X				X	6	X	
RD-51B		Areas I & III	APTF-1, APTF-2				X				X	6	X	
RD-51C		Areas I & III	APTF-1, APTF-2				X				X	6	X	
RD-52A		Areas I & III	APTF-1, APTF-2				X						X	
RD-52B		Areas I & III	APTF-1, APTF-2				X						X	
RD-52C		Areas I & III	APTF-1, APTF-2				X						X	
RD-53		Areas I & III	APTF-1, APTF-2				X						X	X
RD-54A											X	17	X	
RD-54B													X	
RD-54C													X	
RD-55A		Areas I & III	STL-IV-1, STL-IV-2				X						X	
RD-55B		Areas I & III	STL-IV-1, STL-IV-2				X						X	
RD-56A											X	7	X	
RD-56B											X	7	X	

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LIST OF WELLS AND MONITORING PROGRAMS
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well ID	Previous Well ID	Post-Closure Permit Regulated Unit Monitoring Program [1,2,3]								Site-Wide Monitoring Program [4]			LUFT Monitoring Program
		Permit for	Regulated Unit	POC	Bkgd	DM	EM	EM (aff)	CAIM	CAIM status	Sampling Program	Groundwater Impact Area	Water Level Monitoring Program	
RD-57											X	17	X	
RD-58A		Areas I & III	STL-IV-1, STL-IV-2				X						X	
RD-58B		Areas I & III	STL-IV-1, STL-IV-2				X				X	9	X	
RD-58C		Areas I & III	STL-IV-1, STL-IV-2				X				X	9	X	
RD-59A											X	13, 14, 16, 17	X	
RD-59B											X	13, 14, 16, 17	X	
RD-59C											X	13, 14, 16, 17	X	
RD-60											X	7	X	
RD-61											X	4	X	
RD-62											X	4	X	
RD-63											X	13	X	
RD-64													X	
RD-65													X	
RD-66											X	1	X	
RD-67											X	9	X	
RD-68A		Area II	ABSP				X				X	7	X	
RD-68B		Area II	ABSP				X				X	7	X	
RD-69											X	5	X	
RD-70											X	6	X	
RD-71											X	1	X	
RD-72													X	
RD-73													X	X
RD-74													X	
RD-75											X	2	X	
RD-76											X	2	X	
RD-77		Areas I & III	APTF-1, APTF-2		X								X	
RD-78											X	1	X	
RD-80													X	
RD-81											X	5	X	
RD-82												5	X	

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LIST OF WELLS AND MONITORING PROGRAMS
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

		Post-Closure Permit Regulated Unit Monitoring Program [1,2,3]								Site-Wide Monitoring Program [4]			
Well ID	Previous Well ID	Permit for	Regulated Unit	POC	Bkgd	DM	EM	EM (aff)	CAIM	CAIM status	Sampling Program	Groundwater Impact Area	Water Level Monitoring Program	**LUFT Monitoring Program**
RD-83											X	6	X	
RD-84													X	
RD-85											X	13	X	
RD-86											X	13	X	
RD-87													X	
RD-88													X	
RD-89													X	
RD-90													X	
RD-91													X	
RD-92													X	
RD-93													X	
RD-94													X	
RD-95													X	
RD-96											X	16	X	
RD-97													X	
RD-98													X	
RD-104	PC-02	Area II	ABSP	X		X	X	X					X	
RS-01													X	X
RS-02													X	
RS-03													X	
RS-04													X	
RS-05													X	
RS-06													X	
RS-07		Areas I & III	APTF-1, APTF-2				X						X	
RS-08		Area II	ABSP				X	X					X	
RS-09													X	
RS-10		Area II	Delta		X								X	
RS-11													X	
RS-12													X	
RS-13		Areas I & III	STL-IV-1, STL-IV-2				X						X	

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SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

		Post-Closure Permit Regulated Unit Monitoring Program [1,2,3]								Site-Wide Monitoring Program [4]			
Well ID	Previous Well ID	Permit for	Regulated Unit	POC	Bkgd	DM	EM	EM (aff)	CAIM	CAIM status	Sampling Program	Groundwater Impact Area	Water Level Monitoring Program	**LUFT Monitoring Program**
RS-14		Areas I & III	STL-IV-2			X	X	X					X	
RS-15													X	
RS-16													X	
RS-17													X	
RS-18											X	17	X	
RS-19													X	
RS-20											X	1	X	
RS-21													X	
RS-22													X	
RS-23													X	
RS-24													X	
RS-25													X	
RS-27													X	
RS-28													X	
RS-29													X	
RS-30													X	X
RS-31													X	X
RS-32													X	X
RS-33	PC-01	Areas I & III	STL-IV-2	X		X	X	X					X	
RS-34	PC-03	Area II	SPA-2	X		X	X	X					X	
RS-35	PZ-003	Areas I & III	APTF-1, APTF-2		X								X	
RS-54													X	
SH-01													X	
SH-02		Areas I & III	ECL			X							X	
SH-03		Areas I & III	ECL	X		X	X	X					X	
SH-04		Areas I & III	ECL				X	X					X	
SH-05													X	
SH-06													X	
SH-07		Areas I & III	ECL		X								X	
SH-08													X	

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LIST OF WELLS AND MONITORING PROGRAMS
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

		Post-Closure Permit Regulated Unit Monitoring Program [1,2,3]								**Site-Wide Monitoring Program [4]**			
Well ID	Previous Well ID	Permit for	Regulated Unit	POC	Bkgd	DM	EM	EM (aff)	CAIM	CAIM status	Sampling Program	Groundwater Impact Area	Water Level Monitoring Program	**LUFT Monitoring Program**
SH-09		Areas I & III	ECL			X	X	X					X	
SH-10													X	
SH-11		Areas I & III	ECL				X	X					X	
WS-04A		Area II	ABSP				X				X	5	X	
WS-05		Areas I & III	Other Extraction Wells						X	not active			X	
WS-06		Areas I & III	Other Extraction Wells						X	not active			X	
WS-07													X	
WS-08													X	
WS-09		Area II	Other Extraction Wells						X	not active			X	
WS-09A		Area II	Other Extraction Wells						X	active	X	9	X	
WS-09B													X	
WS-11													X	
WS-12													X	
WS-13													X	
WS-14													X	
WS-SP													X	
TOTALS: ***285***		***124***		***11***	***12***	***19***	***86***	***40***	***32***	***1***	***99***		***283***	***14***

TABLE 1
LIST OF WELLS AND MONITORING PROGRAMS
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

NOTES AND ABBREVIATIONS

POC	Point of Compliance
Bkgd	Background
DM	Detection Monitoring
EM	Evaluation Monitoring
EM (aff)	Evaluation Monitoring (affected media)
CAIM	Corrective Action Interim Measures
LUFT	Leaking Underground Fuel Tanks

[1] California Department of Toxic Substances Control, 2010. 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, revised January 5, 2010.

[2] Haley & Aldrich, 2010. Regulated Unit Water Quality Sampling and Analysis Plan, Areas I and III, Post-Closure Permit PC-94/95-3-02, Santa Susana Field Laboratory, Ventura County, California, April.

[3] Haley & Aldrich, 2010. Regulated Unit Water Quality Sampling and Analysis Plan, Area II, Post Closure Permit PC-94/95-3-03, Santa Susana Field Laboratory, Ventura County, California, April.

[4] Haley & Aldrich, 2010. Site-Wide Water Quality Sampling and Analysis Plan, Santa Susana Field Laboratory, Simi Hills, Ventura County, California, Revision 1, File No. 20090-456/556/656/M489. December.

TABLE 2
MODIFICATIONS TO MONITORING WELL NETWORK AND EQUIPMENT, 2012
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

WELL MAINTENANCE

Well ID	Monitoring Program	Quarter Identified	Issue Identification Date	Issue	Issue Resolution	Quarter Resolved	Issue Resolution Date
HAR-07	RU Area II	2012Q1	1/31/2012	Cracked housing causing leakage during bladder discharge.	Repair of pumphead completed.	2012Q3	7/26/2012
OS-04	SW	2012Q3	8/30/2012	Damaged sign	Installation of new well sign completed.	2012Q4	10/9/2012
PZ-005[a]	--	2011Q1	2/24/2011	Well casing extends 2 feet above flush-mount completion.	Installation of stovepipe monument scheduled for 2013Q1.	Pending	Pending
PZ-051[a]	--	2011Q2	6/21/2011	Well casing obstructed at ~3.5 feet.	Not a SW or RU well. No action will be taken at this time.	NA	NA
PZ-054	--	2012Q1	1/9/2012	Well casing bent at surface, melted. After wellhead demolition and cutting off casing just above grade, discovered that the casing has filled in with sediment.	Destruction/abandonment recommended.	Pending	Pending
PZ-059	RU Area II	2011Q2	4/5/2011	Erosion undermining wellhead was repaired on 1/7/11. Current runoff is eroding toward the well pad.	Evaluation of need for potential BMPs in progress.	Pending	Pending
PZ-072	--	2012Q1	1/9/2012	Well casing melted at surface. After wellhead demo and cutting off casing just above grade, discovered that the casing melted/collapsed below grade level.	Destruction/abandonment recommended.	Pending	Pending
PZ-083[a]	--	2011Q3	8/5/2011	New locking vault and concrete pad needed; well currently covered by metal plate.	Installation of new well vault completed.	2012Q3	9/28/2012
		2011Q3	8/5/2011	Needs new well sign.	Installation of new well sign completed.	2012Q4	10/9/2012
PZ-104[a]	--	2011Q3	8/5/2011	Casing melted and bent; cannot lower pump down well.	Not a SW or RU well. No action will be taken at this time.	NA	NA
PZ-107[a]	--	2011Q3	8/5/2011	Casing bent; cannot lower pump down well.	Not a SW or RU well. No action will be taken at this time.	NA	NA
PZ-114[a]	--	2011Q1	1/10/2011	Well casing bent approximately 3 ft below top	Not a SW or RU well. No action will be taken at this time.	NA	NA
PZ-115[a]	--	2011Q3	8/5/2011	Casing melted.	Splicing new casing and reconstruction of wellhead schueduled for 2013Q1.	Pending	Pending
PZ-128[a]	--	2011Q2	6/21/2011	Roots in well	Defer repair until requested for sampling.	NA	NA
RD-02	SW	2011Q2	6/21/2011	Stovepipe well monument removed.	Installation of well monument completed.	2012Q3	9/12/2012
		2012Q3	7/10/2012	Needs new well sign.	Installation of new well sign and post completed.	2012Q4	10/13/2012
RD-04	RU Area II-CAIM only	2012Q1	2/13/2012	Pump not working.	Removal of existing pump to allow sampling using portable pump.	2012Q3	9/6/2012
RD-07	SW	2010Q3	8/25/2010	Needs new well sign and post.	Installation of new well sign and post completed.	2012Q4	10/13/2012

TABLE 2
MODIFICATIONS TO MONITORING WELL NETWORK AND EQUIPMENT, 2012
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

WELL MAINTENANCE (continued)							
Well ID	**Monitoring Program**	**Quarter Identified**	**Issue Identification Date**	**Issue**	**Issue Resolution**	**Quarter Resolved**	**Issue Resolution Date**
RD-17	SW[b]	2010Q3	7/21/2010	Needs new well sign.	Installation of new well sign completed.	2012Q4	10/9/2012
RD-36C	RU Areas I&III / LUFT	2012Q2	4/9/2012	Outer vault lid missing; Inner lid is present.	Installation of new well vault completed.	2012Q3	9/27/2012
RD-54B	SW[b]	2011Q1	1/11/2011	Well lid not secure. Cannot access lock hole due to padlock protection.	Removal of padlock protection and adjustment of lid scheduled for 2013Q1.	Pending	Pending
RD-59B	SW	2012Q2	2012Q2	Well head not secure with damage of surrounding fencing.	New well monument with lock installed.	2012Q3	9/25/2012
		2012Q2	2012Q2	Current well configuration utilizes removable pipe assembly in order to gauge/sample.	Conversion of assembly from Non-Dedicated Equipment to Dedicated Equipment (eliminates need to collect and analyze equipment blanks) completed.	2012Q3	9/25/2012
RD-59C	SW	2012Q2	2012Q2	Well head not secure with damage of surrounding fencing.	New well monument with lock installed.	2012Q3	9/25/2012
		2012Q2	2012Q2	Current well configuration utilizes removable pipe assembly in order to gauge/sample.	Conversion of assembly from Non-Dedicated Equipment to Dedicated Equipment (eliminates need to collect and analyze equipment blanks) completed.	2012Q3	9/25/2012
RD-68A	RU Area II / SW	2012Q2	2012Q2	Current well configuration utilizes removable pipe assembly in order to gauge/sample.	Conversion of assembly from Non-Dedicated Equipment to Dedicated Equipment (eliminates need to collect and analyze equipment blanks) completed.	2012Q3	7/16/2012
RD-83	SW	2010Q3	7/19/2010	Well sign and post missing.	Installation of new well sign and post completed.	2012Q4	10/12/2012
RD-104	RU Area II	2011Q2	2011Q2	Obstruction at approximately 43 feet	Rehabilitation to stabilize well and removal of caved-in material from the bottom of well scheduled for 2013Q1.	Pending	Pending
WS-08	SW[b]	2012Q1	1/26/2012	No electrical supply to pump (pump power cable presumably has fallen down the well). Pump removal attempted in 2012Q3, but repeatedly stuck/hung-up after lifting ~2 to 3 feet.	Not a SW or RU well. No action will be taken at this time.	NA	NA
WS-09	RU Area II-CAIM only	2012Q2	2/7/2012	Insufficient power cable length and no plug; electrical cut during demo activities. Pump is 480V.	Repair of above ground wiring and installation of new plug completed.	2012Q3	8/9/2012
WS-11	SW[b]	2012Q3	7/9/2012	Electrical plug missing; unknown pump information.	Removal of existing pump to allow sampling using portable pump.	2012Q3	9/5/2012
WS-12	SW[b]	2012Q2	2/7/2012	Electrical plug missing; unknown pump information.	Repair of above ground wiring and installation of new plug completed.	2012Q3	9/4/2012

TABLE 2
MODIFICATIONS TO MONITORING WELL NETWORK AND EQUIPMENT, 2012
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

WELL MAINTENANCE (continued)

Well ID	Monitoring Program	Quarter Identified	Issue Identification Date	Issue	Issue Resolution	Quarter Resolved	Issue Resolution Date
WS-13	SW[b]	2011Q3	7/27/2011	Missing well monument.	Installation of new well monument and concrete pad completed.	2012Q4	10/13/2012
WS-14	SW[b]	2012Q2	2/7/2012	Electrical plug missing; unknown pump information.	Repair of above ground wiring and installation of new plug completed.	2012Q3	9/4/2012

EQUIPMENT MODIFICATIONS

Well ID	Monitoring Program	Quarter	Modification Date	Description
RD-10	SW	2012Q4	10/16/2012	The sampling pump in well RD-10 was removed and temporarily replaced with a larger pump on October 16, 2012, for the purpose of performing a pumping test as described in the DTSC approved Groundwater Remedial Investigation Data Gap Sampling and Analysis Plan (MWH, 2010b). It is anticipated that this pumping test will be performed during the first half of 2013, and that the sampling pump will be reinstalled in RD 10 after the pumping test recovery monitoring has been completed.
RD-34B	SW	pending	pending	Low-flow retrofitting was not able to be completed due to an obstruction. It was recommended that retrofitting of RD-34B be abandoned and that the well be removed from the Site-Wide groundwater monitoring program. DOE is managing this issue directly and the disposition of this well is pending resolution with DTSC.

WELL DEVELOPMENT

Well ID	Monitoring Program	Quarter	Development Date	Description
RS-35	RU Areas I & III	pending	pending	Well contained insufficient water for development.

Notes:

NA - not applicable
RU - Regulated Unit
SW - Site-Wide
LUFT - Leaking Underground Fuel Tank

a - Well not monitored as part of Regulated Unit or Site-Wide Groundwater Monitoring Programs
b - Well monitored under Site-Wide Program for groundwater levels only.

TABLE 3
WATER LEVEL DATA, 2012
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well Identifier	Geological Unit	Reference Point Elevation (feet above MSL)	Date of Measurement	Depth to Water (feet BTOC)	Static Water Level Elevation (feet above MSL)	Notes
ECL SUMP	Shallow	1511.00	01/09/2012	10.97	1500.03	
			04/11/2012	8.96	1502.04	
			07/10/2012	Dry	--	
			10/11/2012	Dry	--	
ECL-FD	Shallow	1525.00	01/09/2012	Dry	--	
			04/11/2012	8.44	1516.56	
			07/10/2012	Dry	--	
			10/11/2012	Dry	--	
ES-01	Shallow	1782.70	01/10/2012	19.24	1763.46	
			04/10/2012	19.08	1763.62	
			07/10/2012	20.36	1762.34	
			10/11/2012	21.83	1760.87	
ES-02	Shallow	1814.60	01/10/2012	Dry	--	
			04/10/2012	Dry	--	
			07/10/2012	Dry	--	
			10/11/2012	Dry	--	
ES-03	Shallow	1783.39	01/10/2012	15.84	1767.55	
			04/10/2012	20.76	1762.63	
			07/10/2012	21.31	1762.08	
			10/11/2012	22.96	1760.43	
ES-04	Shallow	1817.24	01/10/2012	Dry	--	
			04/10/2012	Dry	--	
			07/10/2012	Dry	--	
			10/11/2012	Dry	--	
ES-05	Shallow	1818.13	01/10/2012	Dry	--	
			04/10/2012	Dry	--	
			07/10/2012	Dry	--	
			10/11/2012	Dry	--	
ES-06	Shallow	1825.41	01/10/2012	Dry	--	
			04/10/2012	21.44	1803.97	
			07/10/2012	22.30	1803.11	
			10/11/2012	23.84	1801.57	
ES-07	Shallow	1826.53	01/10/2012	Dry	--	
			04/10/2012	Dry	--	
			07/10/2012	Dry	--	
			10/11/2012	Dry	--	
ES-08	Shallow	1826.60	01/10/2012	Dry	--	
			04/10/2012	Dry	--	
			07/10/2012	Dry	--	
			10/11/2012	Dry	--	
ES-09	Shallow	1827.80	01/10/2012	Dry	--	
			04/10/2012	Dry	--	
			07/10/2012	Dry	--	
			10/11/2012	Dry	--	
ES-10	Shallow	1829.46	01/10/2012	Dry	--	
			04/10/2012	Dry	--	
			07/10/2012	20.83	1808.63	
			10/11/2012	Dry	--	

TABLE 3
WATER LEVEL DATA, 2012
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well Identifier	Geological Unit	Reference Point Elevation (feet above MSL)	Date of Measurement	Depth to Water (feet BTOC)	Static Water Level Elevation (feet above MSL)	Notes
ES-11	Shallow	1835.07	01/11/2012	Dry	--	
			04/10/2012	25.35	1809.72	
			07/10/2012	Dry	--	
			10/11/2012	Dry	--	
ES-12	Shallow	1838.19	01/11/2012	Dry	--	
			04/10/2012	14.75	1823.44	
			07/10/2012	23.96	1814.23	
			10/11/2012	Dry	--	
ES-13	Shallow	1782.58	01/10/2012	17.34	1765.24	
			04/10/2012	17.74	1764.84	
			07/10/2012	18.09	1764.49	
			10/11/2012	19.66	1762.92	
ES-14	Shallow	1727.85	01/09/2012	24.97	1702.88	
			04/11/2012	23.05	1704.80	
			07/09/2012	23.38	1704.47	
			10/12/2012	Dry	--	
ES-15	Shallow	1730.21	01/09/2012	Dry	--	
			04/11/2012	25.07	1705.14	
			07/09/2012	25.82	1704.39	
			10/12/2012	Dry	--	
ES-16	Shallow	1737.90	01/09/2012	Dry	--	
			04/11/2012	25.17	1712.73	
			07/09/2012	Dry	--	
			10/11/2012	Dry	--	
ES-17	Shallow	1739.24	01/09/2012	24.93	1714.31	
			04/11/2012	23.85	1715.39	
			07/09/2012	24.55	1714.69	
			10/11/2012	29.28	1709.96	
ES-18	Shallow	1770.25	01/10/2012	Dry	--	
			04/11/2012	Dry	--	
			07/10/2012	Dry	--	
			10/12/2012	Dry	--	
ES-19	Shallow	1769.44	01/10/2012	Dry	--	
			04/11/2012	Dry	--	
			07/10/2012	Dry	--	
			10/12/2012	Dry	--	
ES-20	Shallow	1770.58	01/10/2012	23.29	1747.29	
			04/11/2012	Dry	--	
			07/10/2012	Dry	--	
			10/12/2012	Dry	--	
ES-21	Shallow	1769.62	01/10/2012	29.38	1740.24	
			04/11/2012	30.22	1739.40	
			07/10/2012	31.17	1738.45	
			10/12/2012	32.66	1736.96	
ES-22	Shallow	1770.93	01/10/2012	30.62	1740.31	
			04/11/2012	31.32	1739.61	
			07/10/2012	Dry	--	
			10/12/2012	Dry	--	

TABLE 3
WATER LEVEL DATA, 2012
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well Identifier	Geological Unit	Reference Point Elevation (feet above MSL)	Date of Measurement	Depth to Water (feet BTOC)	Static Water Level Elevation (feet above MSL)	Notes
ES-23	Shallow	1760.73	01/09/2012	10.91	1749.82	
			04/11/2012	9.68	1751.05	
			07/10/2012	11.84	1748.89	
			10/12/2012	13.97	1746.76	
ES-24	Shallow	1728.67	01/09/2012	26.56	1702.11	
			04/11/2012	24.48	1704.19	
			07/09/2012	25.05	1703.62	
			10/12/2012	31.22	1697.45	
ES-25	Shallow	1737.78	01/09/2012	Dry	--	
			04/11/2012	36.93	1700.85	
			07/09/2012	Dry	--	
			10/12/2012	Dry	--	
ES-26	Shallow	1748.04	01/09/2012	21.45	1726.59	
			04/11/2012	20.75	1727.29	
			07/09/2012	23.90	1724.14	
			10/11/2012	32.18	1715.86	
ES-27	Shallow	1740.34	01/09/2012	24.23	1716.11	
			04/11/2012	23.44	1716.90	
			07/11/2012	25.13	1715.21	
			10/11/2012	30.37	1709.97	
ES-28	Shallow	1759.15	01/09/2012	9.87	1749.28	
			04/11/2012	8.71	1750.44	
			07/10/2012	10.97	1748.18	
			10/12/2012	12.12	1747.03	
ES-29	Shallow	1761.06	01/09/2012	10.88	1750.18	
			04/11/2012	10.07	1750.99	
			07/10/2012	12.15	1748.91	
			10/12/2012	13.05	1748.01	
ES-30	Shallow	1759.51	01/09/2012	10.51	1749.00	
			04/11/2012	9.99	1749.52	
			07/10/2012	12.01	1747.50	
			10/12/2012	14.18	1745.33	
ES-31	Shallow	1787.01	01/10/2012	14.94	1772.07	
			04/10/2012	13.82	1773.19	
			07/09/2012	16.26	1770.75	
			10/09/2012	18.44	1768.57	
ES-32	Shallow	1740.65	01/09/2012	Dry	--	
			04/11/2012	Dry	--	
			07/09/2012	Dry	--	
			10/11/2012	Dry	--	
FDP-835	Seep	--	01/11/2012	Dry	--	
			04/09/2012	UTM	--	(*)
			07/12/2012	UTM	--	(*)
			10/10/2012	UTM	--	(*)
FDP-890	Seep	--	01/11/2012	Dry	--	
			04/09/2012	Dry	--	
			07/12/2012	Dry	--	
			10/10/2012	Dry	--	

TABLE 3
WATER LEVEL DATA, 2012
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well Identifier	Geological Unit	Reference Point Elevation (feet above MSL)	Date of Measurement	Depth to Water (feet BTOC)	Static Water Level Elevation (feet above MSL)	Notes
HAR-01	Chatsworth	1874.20	01/11/2012	61.39	1812.81	
			04/10/2012	62.54	1811.66	
			07/10/2012	62.79	1811.41	
			10/11/2012	63.77	1810.43	
HAR-02	Shallow	1886.38	01/11/2012	Dry	--	
			04/10/2012	Dry	--	
			07/11/2012	Dry	--	
			10/11/2012	Dry	--	
HAR-03	Shallow	1875.35	01/11/2012	Dry	--	
			04/10/2012	30.66	1844.69	
			07/11/2012	Dry	--	
			10/11/2012	Dry	--	
HAR-04	Shallow	1873.40	01/11/2012	Dry	--	
			04/10/2012	Dry	--	
			07/10/2012	Dry	--	
			10/11/2012	23.74	1849.66	
HAR-05	Chatsworth	1812.72	01/09/2012	26.63	1786.09	
			04/11/2012	27.24	1785.48	
			07/11/2012	28.78	1783.94	
			10/12/2012	32.97	1779.75	
HAR-06	Chatsworth	1815.03	01/10/2012	26.41	1788.62	
			04/11/2012	27.05	1787.98	
			07/11/2012	28.66	1786.37	
			10/12/2012	32.51	1782.52	
HAR-07	Chatsworth	1728.61	01/09/2012	74.91	1653.70	
			04/11/2012	73.40	1655.21	
			07/09/2012	76.94	1651.67	
			10/12/2012	81.00	1647.61	
HAR-08	Chatsworth	1730.78	01/09/2012	53.12	1677.66	
			04/11/2012	55.44	1675.34	
			07/09/2012	55.19	1675.59	
			10/12/2012	58.66	1672.12	
HAR-09	Shallow	1821.42	01/10/2012	16.22	1805.20	
			04/11/2012	15.45	1805.97	
			07/10/2012	17.18	1804.24	
			10/12/2012	19.75	1801.67	
HAR-11	Shallow	1827.78	01/10/2012	18.91	1808.87	
			04/11/2012	17.24	1810.54	
			07/10/2012	15.74	1812.04	
			10/12/2012	21.15	1806.63	
HAR-12	Shallow	1797.23	01/09/2012	16.49	1780.74	
			04/11/2012	17.23	1780.00	
			07/11/2012	17.87	1779.36	
			10/12/2012	21.05	1776.18	
HAR-13	Shallow	1801.09	01/09/2012	19.64	1781.45	
			04/11/2012	20.35	1780.74	
			07/11/2012	21.04	1780.05	
			10/12/2012	23.97	1777.12	

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WATER LEVEL DATA, 2012
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well Identifier	Geological Unit	Reference Point Elevation (feet above MSL)	Date of Measurement	Depth to Water (feet BTOC)	Static Water Level Elevation (feet above MSL)	Notes
HAR-14	Shallow	1796.91	01/09/2012	16.13	1780.78	
			04/11/2012	16.88	1780.03	
			07/11/2012	17.21	1779.70	
			10/12/2012	20.04	1776.87	
HAR-15	Shallow	1809.57	01/09/2012	20.48	1789.09	
			04/11/2012	21.30	1788.27	
			07/11/2012	19.06	1790.51	
			10/12/2012	27.23	1782.34	
HAR-16	Chatsworth	1872.61	01/11/2012	55.84	1816.77	
			04/10/2012	56.83	1815.78	
			07/10/2012	57.47	1815.14	
			10/11/2012	58.79	1813.82	
HAR-17	Chatsworth	1711.59	01/09/2012	21.75	1689.84	
			04/11/2012	19.60	1691.99	
			07/09/2012	21.91	1689.68	
			10/12/2012	27.33	1684.26	
HAR-18	Chatsworth	1749.41	01/09/2012	29.59	1719.82	
			04/11/2012	31.02	1718.39	
			07/09/2012	29.18	1720.23	
			10/11/2012	34.23	1715.18	
HAR-19	Chatsworth	1833.75	01/10/2012	178.53	1655.22	
			04/11/2012	175.08	1658.67	
			07/10/2012	177.48	1656.27	
			10/12/2012	177.22	1656.53	
HAR-20	Chatsworth	1830.65	01/10/2012	176.71	1653.94	
			04/11/2012	174.28	1656.37	
			07/10/2012	174.79	1655.86	
			10/12/2012	174.54	1656.11	
HAR-21	Chatsworth	1821.42	01/10/2012	15.01	1806.41	
			04/11/2012	14.08	1807.34	
			07/10/2012	15.60	1805.82	
			10/12/2012	18.93	1802.49	
HAR-22	Chatsworth	1816.41	01/10/2012	33.09	1783.32	
			04/11/2012	33.83	1782.58	
			07/11/2012	34.72	1781.69	
			10/12/2012	38.07	1778.34	
HAR-23	Chatsworth	1806.13	01/09/2012	24.18	1781.95	
			04/11/2012	25.03	1781.10	
			07/11/2012	25.49	1780.64	
			10/12/2012	27.94	1778.19	
HAR-24	Chatsworth	1906.89	01/11/2012	90.13	1816.76	
			04/10/2012	91.03	1815.86	
			07/11/2012	93.40	1813.49	
			10/10/2012	92.86	1814.03	
HAR-25	Chatsworth	1890.00	01/11/2012	70.84	1819.16	
			04/10/2012	72.02	1817.98	
			07/11/2012	74.54	1815.46	
			10/10/2012	74.46	1815.54	

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WATER LEVEL DATA, 2012
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well Identifier	Geological Unit	Reference Point Elevation (feet above MSL)	Date of Measurement	Depth to Water (feet BTOC)	Static Water Level Elevation (feet above MSL)	Notes
HAR-26	Chatsworth	1763.46	01/09/2012	21.64	1741.82	
			04/11/2012	21.44	1742.02	
			07/10/2012	20.94	1742.52	
			10/12/2012	23.75	1739.71	
HAR-27	Shallow	1719.28	01/09/2012	31.67	1687.61	
			04/11/2012	30.95	1688.33	
			07/09/2012	32.32	1686.96	
			10/12/2012	34.39	1684.89	
HAR-28	Shallow	1720.06	01/09/2012	30.36	1689.70	
			04/11/2012	32.07	1687.99	
			07/09/2012	31.12	1688.94	
			10/12/2012	33.79	1686.27	
HAR-29	Shallow	1724.04	01/09/2012	31.17	1692.87	
			04/11/2012	34.63	1689.41	
			07/09/2012	32.10	1691.94	
			10/12/2012	35.04	1689.00	
HAR-30	Shallow	1807.05	01/09/2012	20.33	1786.72	
			04/11/2012	21.06	1785.99	
			07/11/2012	23.17	1783.88	
			10/12/2012	27.87	1779.18	
HAR-31	Shallow	1812.32	01/09/2012	25.16	1787.16	
			04/11/2012	26.15	1786.17	
			07/11/2012	27.81	1784.51	
			10/12/2012	32.51	1779.81	
HAR-32	Shallow	1736.49	01/09/2012	24.88	1711.61	
			04/11/2012	23.60	1712.89	
			07/09/2012	24.90	1711.59	
			10/11/2012	32.91	1703.58	
HAR-33	Shallow	1744.56	01/09/2012	26.48	1718.08	
			04/11/2012	25.76	1718.80	
			07/09/2012	26.97	1717.59	
			10/11/2012	32.31	1712.25	
HAR-34	Shallow	1751.17	01/09/2012	Dry	--	
			04/11/2012	Dry	--	
			07/09/2012	Dry	--	
			10/11/2012	Dry	--	
OS-02	Chatsworth Artesian	1237.01	01/09/2012	Not Applicable	--	(*I)
			04/09/2012	Not Applicable	--	(*I)
			07/09/2012	Not Applicable	--	(*I)
			10/09/2012	Not Applicable	--	(*I)
OS-03	Chatsworth Artesian	1298.15	01/09/2012	Not Applicable	--	(*I)
			04/09/2012	Not Applicable	--	(*I)
			07/09/2012	Not Applicable	--	(*I)
			10/09/2012	Not Applicable	--	(*I)
OS-04	Chatsworth Artesian	1334.00	01/09/2012	Not Applicable	--	(*I)
			04/09/2012	Not Applicable	--	(*I)
			07/09/2012	Not Applicable	--	(*I)
			10/09/2012	Not Applicable	--	(*I)

TABLE 3
WATER LEVEL DATA, 2012
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well Identifier	Geological Unit	Reference Point Elevation (feet above MSL)	Date of Measurement	Depth to Water (feet BTOC)	Static Water Level Elevation (feet above MSL)	Notes
OS-05	Chatsworth Artesian	1312.08	01/09/2012	Dry	--	
			04/09/2012	Dry	--	
			07/09/2012	Dry	--	
			10/09/2012	Dry	--	
OS-09	Chatsworth Artesian	--	01/09/2012	Not Applicable	--	(*I)
			04/09/2012	Not Applicable	--	(*I)
			07/09/2012	Not Applicable	--	(*I)
			10/11/2012	Not Applicable	--	(*I)
OS-09R	Chatsworth	1018.07	Westbay			(2)
OS-13	Seep	--	01/11/2012	Dry	--	
			04/09/2012	Dry	--	
			07/10/2012	Dry	--	
			10/10/2012	Dry	--	
OS-16	Chatsworth	--	01/09/2012	Not Applicable	--	(*)
			04/09/2012	Dry	--	(*)
			07/10/2012	Not Applicable	--	(*)
			10/10/2012	Not Applicable	--	(*)
OS-24	Chatsworth	1947.30	01/09/2012	UTM	--	(*)
			04/09/2012	UTM	--	(*)
			07/09/2012	UTM	--	(*)
			10/11/2012	UTM	--	(*)
OS-25	Chatsworth	2043.58	01/09/2012	455.12	1588.46	
			04/09/2012	454.63	1588.95	
			07/09/2012	453.67	1589.91	
			10/11/2012	453.04	1590.54	
OS-26	Chatsworth	2080.58	01/09/2012	233.97	1846.61	
			04/09/2012	234.32	1846.26	
			07/09/2012	235.32	1845.26	
			10/11/2012	238.60	1841.98	
PZ-004A	Shallow	1716.00	01/09/2012	18.48	1697.52	
			07/09/2012	Dry	--	
PZ-006A	Shallow	1765.82	01/10/2012	Dry	--	
			07/16/2012	Dry	--	
PZ-011A	Shallow	1914.48	01/11/2012	Dry	--	
			07/11/2012	Dry	--	
PZ-012A	Shallow	1827.69	01/10/2012	Dry	--	
			07/10/2012	Dry	--	
PZ-015G	Shallow	1740.56	01/10/2012	25.18	1715.38	
			07/10/2012	Dry	--	
PZ-016A	Shallow	1854.34	01/10/2012	Dry	--	
			07/10/2012	Dry	--	
PZ-017A	Shallow	1837.83	01/10/2012	17.08	1820.75	
			07/09/2012	19.09	1818.74	
PZ-017B	Shallow	1837.20	01/10/2012	7.15	1830.05	
			07/09/2012	6.97	1830.23	
PZ-024	Shallow	1770.30	01/09/2012	23.12	1747.18	
			07/10/2012	Dry	--	
PZ-025	Shallow	1780.27	01/09/2012	21.28	1758.99	
			07/10/2012	22.24	1758.03	

TABLE 3
WATER LEVEL DATA, 2012
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well Identifier	Geological Unit	Reference Point Elevation (feet above MSL)	Date of Measurement	Depth to Water (feet BTOC)	Static Water Level Elevation (feet above MSL)	Notes
PZ-027	Shallow	1773.06	01/09/2012	19.48	1753.58	
			07/10/2012	20.35	1752.71	
PZ-030	Shallow	1765.98	01/09/2012	23.34	1742.64	
			07/10/2012	26.62	1739.36	
PZ-033	Shallow	1721.73	01/09/2012	21.07	1700.66	
			07/09/2012	21.40	1700.33	
PZ-034	Shallow	1714.68	01/09/2012	14.12	1700.56	
			07/11/2012	15.00	1699.68	
PZ-035	Shallow	1712.96	01/09/2012	22.56	1690.40	
			04/11/2012	20.66	1692.30	
			07/09/2012	22.70	1690.26	
			10/12/2012	Dry	--	
PZ-037	Shallow	1749.29	01/09/2012	27.61	1721.68	
			07/09/2012	Dry	--	
PZ-045	Shallow	1828.55	01/10/2012	41.29	1787.26	
			07/09/2012	39.95	1788.60	
PZ-047	Shallow	1835.51	01/10/2012	37.44	1798.07	
			07/09/2012	34.39	1801.12	
PZ-048	Shallow	1847.11	01/10/2012	13.70	1833.41	
			07/09/2012	13.33	1833.78	
PZ-049	Shallow	1884.75	01/10/2012	Dry	--	
			07/10/2012	Dry	--	
PZ-053	Shallow	1701.72	01/09/2012	29.18	1672.54	
			07/09/2012	Dry	--	
PZ-054	Shallow	1702.11	01/09/2012	UTM	--	(*)
			07/09/2012	UTM	--	(*)
PZ-055	Shallow	1818.40	01/09/2012	Dry	--	
			07/10/2012	Dry	--	
PZ-056	Shallow	1805.86	01/09/2012	Dry	--	
			07/10/2012	Dry	--	
PZ-057	Shallow	1812.19	01/09/2012	25.11	1787.08	
			07/11/2012	25.01	1787.18	
PZ-058	Shallow	1784.63	01/09/2012	11.03	1773.60	
			07/11/2012	13.72	1770.91	
PZ-059	Shallow	1836.67	01/10/2012	24.94	1811.73	
			04/11/2012	24.72	1811.95	
			07/10/2012	Dry	--	
			10/12/2012	Dry	--	
PZ-060	Shallow	1868.90	01/10/2012	42.30	1826.60	
			04/11/2012	40.15	1828.75	
			07/10/2012	48.49	1820.41	
			10/12/2012	49.60	1819.30	
PZ-062	Shallow	1716.57	01/09/2012	Dry	--	
			07/10/2012	Dry	--	
PZ-063	Shallow	1882.86	01/10/2012	Dry	--	
			07/10/2012	Dry	--	
PZ-064	Shallow	1912.20	01/11/2012	55.20	1857.00	
			07/11/2012	Dry	--	

TABLE 3
WATER LEVEL DATA, 2012
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well Identifier	Geological Unit	Reference Point Elevation (feet above MSL)	Date of Measurement	Depth to Water (feet BTOC)	Static Water Level Elevation (feet above MSL)	Notes
PZ-066	Shallow	1897.19	01/11/2012	Dry	--	
			07/11/2012	Dry	--	
PZ-070	Shallow	1834.61	01/10/2012	26.78	1807.83	
			04/11/2012	Dry	--	
			07/10/2012	Dry	--	
			10/12/2012	Dry	--	
PZ-072	Shallow	1768.19	01/11/2012	UTM	--	(*)
			07/11/2012	UTM	--	(*)
PZ-073	Shallow	1760.54	01/10/2012	Dry	--	
			07/11/2012	Dry	--	
PZ-074	Shallow	1772.73	01/10/2012	23.11	1749.62	
			04/09/2012	23.15	1749.58	
			07/10/2012	23.25	1749.48	
			10/10/2012	Dry	--	
PZ-075	Shallow	1893.10	01/11/2012	Dry	--	
			07/12/2012	Dry	--	
PZ-076	Shallow	1767.09	01/10/2012	40.41	1726.68	
			04/09/2012	41.70	1725.39	
			07/10/2012	41.97	1725.12	
			10/11/2012	44.21	1722.88	
PZ-077	Shallow	1753.42	01/10/2012	26.52	1726.90	
			04/09/2012	27.21	1726.21	
			07/10/2012	27.76	1725.66	
			10/11/2012	27.87	1725.55	
PZ-078	Shallow	1755.77	01/10/2012	Dry	--	
			04/09/2012	Dry	--	
			07/10/2012	Dry	--	
			10/11/2012	Dry	--	
PZ-079	Shallow	1776.66	01/10/2012	21.05	1755.61	
			07/10/2012	22.91	1753.75	
PZ-084	Shallow	1836.00	01/10/2012	27.31	1808.69	
			07/10/2012	30.68	1805.32	
PZ-085A	Shallow	1816.79	01/10/2012	29.86	1786.93	
			07/10/2012	30.11	1786.68	
PZ-085B	Shallow	1816.81	01/10/2012	43.68	1773.13	
			07/10/2012	46.36	1770.45	
PZ-087A	Shallow	1817.15	01/10/2012	25.11	1792.04	
			07/10/2012	25.11	1792.04	
PZ-087B	Shallow	1816.23	01/10/2012	48.59	1767.64	
			07/10/2012	50.22	1766.01	
PZ-088	Shallow	1859.54	01/11/2012	45.30	1814.24	
			07/10/2012	45.43	1814.11	
PZ-089	Shallow	1876.64	01/11/2012	Dry	--	
			04/10/2012	Dry	--	
			07/10/2012	Dry	--	
			10/11/2012	Dry	--	
PZ-090	Shallow	1780.01	01/10/2012	25.77	1754.24	
			07/10/2012	25.97	1754.04	

TABLE 3
WATER LEVEL DATA, 2012
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well Identifier	Geological Unit	Reference Point Elevation (feet above MSL)	Date of Measurement	Depth to Water (feet BTOC)	Static Water Level Elevation (feet above MSL)	Notes
PZ-093	Shallow	1821.79	01/10/2012	37.49	1784.30	
			07/10/2012	37.68	1784.11	
PZ-095	Shallow	1760.02	01/09/2012	Dry	--	
			04/10/2012	Dry	--	
			07/10/2012	Dry	--	
			10/09/2012	Dry	--	
PZ-096	Shallow	1766.30	01/09/2012	47.93	1718.37	
			07/09/2012	47.83	1718.47	
PZ-097	Shallow	1761.87	01/11/2012	Dry	--	
			04/09/2012	Dry	--	
			07/09/2012	Dry	--	
			10/10/2012	Dry	--	
PZ-100	Shallow	1870.11	01/11/2012	12.50	1857.61	
PZ-101	Shallow	1869.71	01/10/2012	Dry	--	
PZ-103	Shallow	1815.93	01/11/2012	24.91	1791.02	
PZ-108	Shallow	1809.36	01/11/2012	12.40	1796.96	
			04/09/2012	11.67	1797.69	
			07/09/2012	12.41	1796.95	
			10/10/2012	14.95	1794.41	
PZ-109	Shallow	1809.51	01/10/2012	14.29	1795.22	
PZ-113	Shallow	1823.68	01/09/2012	Dry	--	
PZ-115	Shallow	1817.81	01/09/2012	Dry	--	
PZ-117	Shallow	1845.90	01/10/2012	27.59	1818.31	
			07/10/2012	27.66	1818.24	
PZ-121	Shallow	1808.98	01/10/2012	17.11	1791.87	
PZ-123	Shallow	1610.81	01/10/2012	Dry	--	
			04/09/2012	Dry	--	
			07/09/2012	Dry	--	
			10/10/2012	Dry	--	
PZ-124	Shallow	1764.11	01/11/2012	Dry	--	
			04/10/2012	Dry	--	
			07/09/2012	Dry	--	
			10/10/2012	Dry	--	
PZ-126	Shallow	1853.62	01/10/2012	6.92	1846.70	
			07/09/2012	6.90	1846.72	
PZ-127	Shallow	1877.19	01/10/2012	Dry	--	
			07/10/2012	65.53	1811.66	
PZ-128	Shallow	1757.26	01/09/2012	Dry	--	
			07/10/2012	Dry	--	
PZ-129	Shallow	1741.94	01/09/2012	Dry	--	
			07/10/2012	28.48	1713.46	
PZ-130	Shallow	1746.66	01/09/2012	Dry	--	
			07/10/2012	Dry	--	
PZ-131	Shallow	1759.95	01/09/2012	Dry	--	
			07/10/2012	Dry	--	
PZ-132	Shallow	1758.38	01/09/2012	Dry	--	
			07/10/2012	Dry	--	
PZ-133	Shallow	1798.48	01/09/2012	Dry	--	
			07/10/2012	Dry	--	

TABLE 3
WATER LEVEL DATA, 2012
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well Identifier	Geological Unit	Reference Point Elevation (feet above MSL)	Date of Measurement	Depth to Water (feet BTOC)	Static Water Level Elevation (feet above MSL)	Notes
PZ-134	Shallow	1821.59	01/09/2012	Dry	--	
			07/10/2012	Dry	--	
PZ-135	Shallow	1823.84	01/09/2012	Dry	--	
			07/10/2012	Dry	--	
PZ-136	Shallow	1812.90	01/09/2012	Dry	--	
			07/10/2012	Dry	--	
PZ-137	Shallow	1810.13	01/09/2012	Dry	--	
			07/10/2012	Dry	--	
PZ-138	Shallow	1829.85	01/09/2012	Dry	--	
			07/10/2012	Dry	--	
PZ-139	Shallow	1831.91	01/09/2012	46.97	1784.94	
			07/10/2012	45.80	1786.11	
PZ-140	Shallow	1832.82	01/09/2012	16.52	1816.30	
			07/10/2012	15.32	1817.50	
PZ-141	Shallow	1856.58	01/09/2012	10.60	1845.98	
			07/10/2012	11.76	1844.82	
PZ-142	Shallow	1745.50	01/09/2012	Dry	--	
			07/10/2012	Dry	--	
PZ-143	Shallow	1849.84	01/09/2012	Dry	--	
			07/10/2012	Dry	--	
PZ-144	Shallow	1859.13	01/09/2012	21.45	1837.68	
			07/10/2012	19.05	1840.08	
PZ-145	Shallow	1766.87	01/09/2012	Dry	--	
			07/10/2012	Dry	--	
PZ-146	Shallow	1789.82	01/10/2012	24.13	1765.69	
			07/10/2012	Dry	--	
PZ-147	Shallow	1791.24	01/10/2012	37.03	1754.21	
			07/10/2012	Dry	--	
PZ-148	Shallow	1794.71	01/10/2012	Dry	--	
			07/10/2012	Dry	--	
PZ-149	Shallow	1794.71	01/09/2012	38.59	1756.12	
			07/09/2012	38.22	1756.49	
PZ-150	Shallow	1852.23	01/09/2012	28.50	1823.73	
			07/11/2012	Dry	--	
PZ-151	Shallow	1862.60	01/10/2012	77.97	1784.63	
			07/11/2012	79.16	1783.44	
PZ-152	Shallow	1880.80	01/10/2012	34.88	1845.92	
			07/10/2012	Dry	--	
PZ-153	Shallow	1908.10	01/10/2012	65.17	1842.93	
			07/12/2012	65.19	1842.91	
PZ-154	Shallow	1902.30	01/10/2012	Dry	--	
			07/10/2012	59.49	1842.81	
PZ-155	Shallow	1831.90	01/10/2012	59.60	1772.30	
			07/10/2012	59.79	1772.11	
PZ-156	Shallow	1849.40	01/10/2012	114.28	1735.12	
			07/11/2012	Dry	--	
PZ-157	Shallow	1809.80	01/10/2012	32.03	1777.77	
			07/11/2012	32.52	1777.28	

TABLE 3
WATER LEVEL DATA, 2012
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well Identifier	Geological Unit	Reference Point Elevation (feet above MSL)	Date of Measurement	Depth to Water (feet BTOC)	Static Water Level Elevation (feet above MSL)	Notes
PZ-158	Shallow	1797.40	01/09/2012	18.17	1779.23	
			07/12/2012	20.25	1777.15	
PZ-159	Shallow	1814.20	01/10/2012	13.62	1800.58	
			07/11/2012	16.37	1797.83	
PZ-160	Shallow	1851.41	01/09/2012	26.81	1824.60	
			07/11/2012	Dry	--	
PZ-161	Shallow	1852.23	01/09/2012	26.40	1825.83	
			07/11/2012	Dry	--	
RD-01	Chatsworth	1935.88	01/10/2012	203.10	1732.78	
			04/09/2012	202.10	1733.78	
			07/10/2012	202.12	1733.76	
			10/10/2012	201.92	1733.96	
RD-02	Chatsworth	1873.89	01/10/2012	154.97	1718.92	
			04/10/2012	155.18	1718.71	
			07/10/2012	155.41	1718.48	
			10/11/2012	155.77	1718.12	
RD-03	Chatsworth	1743.53	01/10/2012	17.79	1725.74	
			04/09/2012	18.85	1724.68	
			07/10/2012	19.23	1724.30	
			10/11/2012	21.56	1721.97	
RD-04	Chatsworth	1883.85	01/10/2012	269.31	1614.54	
			04/11/2012	268.39	1615.46	
			07/10/2012	267.54	1616.31	
			10/12/2012	266.86	1616.99	
RD-05A	Chatsworth	1704.78	01/09/2012	86.50	1618.28	
			04/11/2012	88.81	1615.97	
			07/09/2012	90.10	1614.68	
			10/10/2012	92.95	1611.83	
RD-05B	Chatsworth	1706.19	01/09/2012	65.09	1641.10	
			04/11/2012	63.89	1642.30	
			07/09/2012	65.10	1641.09	
			10/10/2012	65.61	1640.58	
RD-05C	Chatsworth	1705.27	01/09/2012	50.11	1655.16	
			04/11/2012	49.73	1655.54	
			07/09/2012	49.55	1655.72	
			10/10/2012	49.60	1655.67	
RD-06	Chatsworth	1617.22	01/09/2012	49.28	1567.94	
			04/11/2012	50.77	1566.45	
			07/09/2012	50.60	1566.62	
			10/11/2012	52.87	1564.35	
RD-07	Chatsworth	1812.82	FLUTe			(1)
RD-08	Chatsworth	1763.70	01/09/2012	13.83	1749.87	
			04/11/2012	19.70	1744.00	
			07/10/2012	14.52	1749.18	
			10/11/2012	16.96	1746.74	
RD-09	Chatsworth	1768.26	01/10/2012	29.92	1738.34	
			04/11/2012	30.37	1737.89	
			07/10/2012	31.49	1736.77	
			10/12/2012	33.57	1734.69	

TABLE 3
WATER LEVEL DATA, 2012
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well Identifier	Geological Unit	Reference Point Elevation (feet above MSL)	Date of Measurement	Depth to Water (feet BTOC)	Static Water Level Elevation (feet above MSL)	Notes
RD-10	Chatsworth	1904.48	01/10/2012	184.43	1720.05	
			04/09/2012	184.18	1720.30	
			07/10/2012	184.33	1720.15	
			10/10/2012	184.71	1719.77	
RD-11	Chatsworth	1762.84	01/09/2012	18.08	1744.76	
			04/11/2012	19.51	1743.33	
			07/10/2012	18.60	1744.24	
			10/12/2012	20.53	1742.31	
RD-12	Chatsworth	1762.29	01/09/2012	25.14	1737.15	
			04/11/2012	23.61	1738.68	
			07/10/2012	25.94	1736.35	
			10/12/2012	28.67	1733.62	
RD-13	Chatsworth	1840.01	01/11/2012	60.90	1779.11	
			04/09/2012	61.56	1778.45	
			07/09/2012	62.34	1777.67	
			10/10/2012	63.31	1776.70	
RD-14	Chatsworth	1824.18	01/10/2012	74.37	1749.81	
			04/09/2012	74.60	1749.58	
			07/11/2012	75.82	1748.36	
			10/09/2012	76.67	1747.51	
RD-15	Chatsworth	1817.70	01/09/2012	46.31	1771.39	
			04/10/2012	46.84	1770.86	
			10/09/2012	49.64	1768.06	
RD-16	Chatsworth	1808.99	01/11/2012	47.03	1761.96	
			04/10/2012	47.54	1761.45	
			07/09/2012	48.23	1760.76	
			10/09/2012	50.00	1758.99	
RD-17	Chatsworth	1836.30	01/10/2012	27.92	1808.38	
			04/09/2012	28.70	1807.60	
			07/09/2012	28.88	1807.42	
			10/09/2012	30.89	1805.41	
RD-18	Chatsworth	1839.51	01/09/2012	87.52	1751.99	
			04/09/2012	87.77	1751.74	
			07/11/2012	89.59	1749.92	
			10/09/2012	89.31	1750.20	
RD-19	Chatsworth	1853.16	01/10/2012	75.08	1778.08	
			04/09/2012	76.56	1776.60	
			07/11/2012	78.01	1775.15	
			10/09/2012	78.39	1774.77	
RD-20	Chatsworth	1819.52	01/10/2012	41.21	1778.31	
			04/09/2012	41.40	1778.12	
			07/09/2012	42.73	1776.79	
			10/10/2012	44.41	1775.11	
RD-21	Chatsworth	1866.96	FLUTe			(1)
RD-22	Chatsworth	1853.41	FLUTe			(1)
RD-23	Chatsworth	1838.19	FLUTe			(1)
RD-24	Chatsworth	1809.93	01/10/2012	36.13	1773.80	
			04/09/2012	34.81	1775.12	
			07/09/2012	36.94	1772.99	
			10/10/2012	37.69	1772.24	

TABLE 3
WATER LEVEL DATA, 2012
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well Identifier	Geological Unit	Reference Point Elevation (feet above MSL)	Date of Measurement	Depth to Water (feet BTOC)	Static Water Level Elevation (feet above MSL)	Notes
RD-26	Chatsworth	1880.39	01/10/2012	102.80	1777.59	
			04/10/2012	103.51	1776.88	
			07/10/2012	104.28	1776.11	
			10/09/2012	106.24	1774.15	
RD-27	Chatsworth	1841.67	01/11/2012	50.60	1791.07	
			04/11/2012	49.13	1792.54	
			07/09/2012	51.21	1790.46	
			10/09/2012	52.53	1789.14	
RD-29	Chatsworth	1806.29	01/10/2012	14.52	1791.77	
			04/09/2012	14.43	1791.86	
			07/09/2012	16.76	1789.53	
			10/10/2012	18.58	1787.71	
RD-30	Chatsworth	1768.69	01/10/2012	UTM	--	(*)
			04/09/2012	UTM	--	(*)
			07/09/2012	UTM	--	(*)
			10/09/2012	UTM	--	(*)
RD-31	Chatsworth	1945.02	Westbay			(2)
RD-32	Chatsworth	1808.15	01/09/2012	25.81	1782.34	
			04/09/2012	28.24	1779.91	
			07/09/2012	29.31	1778.84	
			10/11/2012	30.49	1777.66	
RD-33A	Chatsworth	1792.97	FLUTe			(1)
RD-33B	Chatsworth	1793.72	01/11/2012	279.21	1514.51	
			04/09/2012	278.73	1514.99	
			07/09/2012	278.46	1515.26	
			10/10/2012	278.25	1515.47	
RD-33C	Chatsworth	1793.61	01/11/2012	281.00	1512.61	
			04/09/2012	280.05	1513.56	
			07/09/2012	280.23	1513.38	
			10/10/2012	280.23	1513.38	
RD-34A	Chatsworth	1761.91	01/10/2012	32.42	1729.49	
			04/09/2012	35.92	1725.99	
			07/09/2012	37.55	1724.36	
			10/09/2012	41.44	1720.47	
RD-34B	Chatsworth	1762.51	01/10/2012	35.04	1727.47	
			04/09/2012	38.10	1724.41	
			07/09/2012	39.76	1722.75	
			10/09/2012	43.52	1718.99	
RD-34C	Chatsworth	1762.79	01/10/2012	8.42	1754.37	
			04/09/2012	9.76	1753.03	
			07/09/2012	10.45	1752.34	
			10/09/2012	11.84	1750.95	
RD-35A	Chatsworth	1907.92	01/11/2012	89.85	1818.07	
			04/09/2012	90.74	1817.18	
			07/09/2012	91.56	1816.36	
			10/09/2012	92.75	1815.17	
RD-35B	Chatsworth	1905.54	01/11/2012	87.71	1817.83	
			04/10/2012	88.51	1817.03	
			07/09/2012	88.57	1816.97	
			10/10/2012	90.61	1814.93	

TABLE 3
WATER LEVEL DATA, 2012
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well Identifier	Geological Unit	Reference Point Elevation (feet above MSL)	Date of Measurement	Depth to Water (feet BTOC)	Static Water Level Elevation (feet above MSL)	Notes
RD-35C	Chatsworth	1906.46	Westbay			(2)
RD-36A	Chatsworth	1913.09	01/09/2012	Dry	--	
			04/09/2012	93.44	1819.65	
			07/09/2012	93.83	1819.26	
			10/11/2012	Dry	--	
RD-36B	Chatsworth	1915.54	01/09/2012	150.21	1765.33	
			04/09/2012	151.04	1764.50	
			07/09/2012	152.12	1763.42	
			10/11/2012	153.22	1762.32	
RD-36C	Chatsworth	1913.80	01/09/2012	196.94	1716.86	
			04/09/2012	196.90	1716.90	
			07/09/2012	197.13	1716.67	
			10/11/2012	197.41	1716.39	
RD-36D	Chatsworth	1920.23	01/09/2012	357.65	1562.58	
			04/09/2012	356.24	1563.99	
			07/09/2012	357.94	1562.29	
			10/11/2012	358.56	1561.67	
RD-37	Chatsworth	1869.61	01/09/2012	281.77	1587.84	
			04/10/2012	281.44	1588.17	
			07/11/2012	283.01	1586.60	
			10/10/2012	279.54	1590.07	
RD-38A	Chatsworth	1879.62	01/09/2012	117.73	1761.89	
			04/09/2012	118.10	1761.52	
			07/09/2012	118.64	1760.98	
			10/11/2012	Dry	--	
RD-38B	Chatsworth	1880.96	01/09/2012	320.18	1560.78	
			04/09/2012	317.78	1563.18	
			07/09/2012	320.90	1560.06	
			10/11/2012	321.09	1559.87	
RD-39A	Chatsworth	1960.53	01/09/2012	Dry	--	
			04/09/2012	158.15	1802.38	
			07/09/2012	158.46	1802.07	
			10/11/2012	Dry	--	
RD-39B	Chatsworth	1959.73	01/09/2012	292.48	1667.25	
			04/09/2012	292.21	1667.52	
			07/09/2012	292.74	1666.99	
			10/11/2012	292.34	1667.39	
RD-40	Chatsworth	1972.22	01/10/2012	270.10	1702.12	
			04/10/2012	269.60	1702.62	
			07/09/2012	267.84	1704.38	
			10/11/2012	266.59	1705.63	
RD-41A	Chatsworth	1774.61	01/09/2012	66.42	1708.19	
			04/11/2012	70.68	1703.93	
			07/09/2012	73.25	1701.36	
			10/12/2012	76.82	1697.79	
RD-41B	Chatsworth	1774.94	01/09/2012	124.53	1650.41	
			04/11/2012	125.07	1649.87	
			07/09/2012	125.30	1649.64	
			10/12/2012	127.50	1647.44	

TABLE 3
WATER LEVEL DATA, 2012
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well Identifier	Geological Unit	Reference Point Elevation (feet above MSL)	Date of Measurement	Depth to Water (feet BTOC)	Static Water Level Elevation (feet above MSL)	Notes
RD-41C	Chatsworth	1773.73	01/09/2012	124.31	1649.42	
			04/11/2012	123.85	1649.88	
			07/09/2012	124.57	1649.16	
			10/12/2012	126.49	1647.24	
RD-42	Chatsworth	1945.48	01/10/2012	53.06	1892.42	
			04/10/2012	52.69	1892.79	
			07/09/2012	52.52	1892.96	
			10/11/2012	53.99	1891.49	
RD-43A	Chatsworth	1680.66	01/09/2012	37.39	1643.27	
			04/09/2012	36.77	1643.89	
			07/09/2012	35.74	1644.92	
			10/11/2012	36.66	1644.00	
RD-43B	Chatsworth	1680.11	01/09/2012	90.27	1589.84	
			04/09/2012	90.10	1590.01	
			07/09/2012	96.06	1584.05	
			10/11/2012	91.90	1588.21	
RD-43C	Chatsworth	1680.11	01/09/2012	95.37	1584.74	
			04/09/2012	95.05	1585.06	
			07/09/2012	90.97	1589.14	
			10/11/2012	97.34	1582.77	
RD-44	Chatsworth	2036.04	01/10/2012	397.90	1638.14	
			04/09/2012	397.51	1638.53	
			07/10/2012	397.68	1638.36	
			10/10/2012	397.41	1638.63	
RD-45A	Chatsworth	1841.59	01/11/2012	226.41	1615.18	
			04/10/2012	225.19	1616.40	
			07/10/2012	224.96	1616.63	
			10/11/2012	224.48	1617.11	
RD-45B	Chatsworth	1840.01	01/11/2012	228.77	1611.24	
			04/10/2012	229.21	1610.80	
			07/10/2012	227.25	1612.76	
			10/11/2012	226.85	1613.16	
RD-45C	Chatsworth	1836.33	01/11/2012	224.14	1612.19	
			04/10/2012	223.06	1613.27	
			07/10/2012	222.61	1613.72	
			10/11/2012	222.26	1614.07	
RD-46A	Chatsworth	1806.25	01/10/2012	80.15	1726.10	
			04/09/2012	81.32	1724.93	
			07/10/2012	81.57	1724.68	
			10/10/2012	83.82	1722.43	
RD-46B	Chatsworth	1806.93	01/10/2012	76.84	1730.09	
			04/09/2012	78.15	1728.78	
			07/10/2012	78.90	1728.03	
			10/10/2012	79.77	1727.16	
RD-47	Chatsworth	2045.72	01/11/2012	434.36	1611.36	
			04/10/2012	420.72	1625.00	
			07/11/2012	424.14	1621.58	
			10/09/2012	425.30	1620.42	

TABLE 3
WATER LEVEL DATA, 2012
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well Identifier	Geological Unit	Reference Point Elevation (feet above MSL)	Date of Measurement	Depth to Water (feet BTOC)	Static Water Level Elevation (feet above MSL)	Notes
RD-48A	Chatsworth	1736.61	01/10/2012	108.46	1628.15	
			04/09/2012	108.71	1627.90	
			07/10/2012	108.26	1628.35	
			10/10/2012	109.74	1626.87	
RD-48B	Chatsworth	1735.73	01/10/2012	128.80	1606.93	
			04/09/2012	131.13	1604.60	
			07/10/2012	131.06	1604.67	
			10/10/2012	131.18	1604.55	
RD-48C	Chatsworth	1735.10	01/10/2012	171.14	1563.96	
			04/09/2012	170.89	1564.21	
			07/10/2012	170.82	1564.28	
			10/10/2012	170.66	1564.44	
RD-49A	Chatsworth	1867.50	01/10/2012	24.74	1842.76	
			04/11/2012	25.72	1841.78	
			07/10/2012	24.78	1842.72	
			10/12/2012	26.24	1841.26	
RD-49B	Chatsworth	1868.11	01/10/2012	173.08	1695.03	
			04/11/2012	172.07	1696.04	
			07/10/2012	158.94	1709.17	
			10/12/2012	211.31	1656.80	
RD-49C	Chatsworth	1869.63	01/10/2012	251.42	1618.21	
			04/11/2012	250.50	1619.13	
			07/10/2012	249.96	1619.67	
			10/12/2012	249.96	1619.67	
RD-50	Chatsworth	1914.88	FLUTe			(1)
RD-51A	Chatsworth	1832.84	01/09/2012	240.35	1592.49	
			04/10/2012	239.66	1593.18	
			07/10/2012	239.18	1593.66	
			10/09/2012	239.26	1593.58	
RD-51B	Chatsworth	1832.76	01/09/2012	239.83	1592.93	
			04/10/2012	239.17	1593.59	
			07/10/2012	238.61	1594.15	
			10/09/2012	238.77	1593.99	
RD-51C	Chatsworth	1831.56	01/09/2012	221.11	1610.45	
			04/10/2012	220.17	1611.39	
			07/10/2012	219.55	1612.01	
			10/09/2012	219.29	1612.27	
RD-52A	Chatsworth	1755.17	01/10/2012	127.26	1627.91	
			04/10/2012	127.15	1628.02	
			07/10/2012	127.23	1627.94	
			10/09/2012	127.40	1627.77	
RD-52B	Chatsworth	1712.15	01/09/2012	101.58	1610.57	
			04/10/2012	100.51	1611.64	
			07/10/2012	99.88	1612.27	
			10/09/2012	99.59	1612.56	
RD-52C	Chatsworth	1713.15	01/09/2012	102.31	1610.84	
			04/10/2012	101.25	1611.90	
			07/10/2012	100.54	1612.61	
			10/09/2012	100.27	1612.88	

TABLE 3
WATER LEVEL DATA, 2012
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well Identifier	Geological Unit	Reference Point Elevation (feet above MSL)	Date of Measurement	Depth to Water (feet BTOC)	Static Water Level Elevation (feet above MSL)	Notes
RD-53	Chatsworth	1909.33	01/11/2012	147.84	1761.49	
			04/10/2012	148.66	1760.67	
			07/11/2012	149.33	1760.00	
			10/10/2012	150.59	1758.74	
RD-54A	Chatsworth	1841.72	FLUTe			(1)
RD-54B	Chatsworth	1842.54	01/10/2012	240.73	1601.81	
			04/09/2012	242.05	1600.49	
			07/09/2012	242.28	1600.26	
			10/10/2012	242.51	1600.03	
RD-54C	Chatsworth	1843.77	01/10/2012	225.40	1618.37	
			04/09/2012	226.83	1616.94	
			07/09/2012	225.18	1618.59	
			10/10/2012	225.38	1618.39	
RD-55A	Chatsworth	1755.78	01/09/2012	30.29	1725.49	
			04/11/2012	30.98	1724.80	
			07/09/2012	35.88	1719.90	
			10/11/2012	45.59	1710.19	
RD-55B	Chatsworth	1757.15	01/09/2012	53.19	1703.96	
			04/11/2012	53.35	1703.80	
			07/09/2012	54.50	1702.65	
			10/11/2012	58.48	1698.67	
RD-56A	Chatsworth	1759.42	01/10/2012	316.88	1442.54	
			04/10/2012	316.75	1442.67	
			07/11/2012	319.24	1440.18	
			10/09/2012	317.13	1442.29	
RD-56B	Chatsworth	1761.83	01/10/2012	169.71	1592.12	
			04/10/2012	168.83	1593.00	
			07/11/2012	170.12	1591.71	
			10/09/2012	168.75	1593.08	
RD-57	Chatsworth	1774.15	FLUTe			(1)
RD-58A	Chatsworth	1756.02	01/09/2012	79.13	1676.89	
			04/11/2012	79.49	1676.53	
			07/09/2012	79.79	1676.23	
			10/11/2012	81.65	1674.37	
RD-58B	Chatsworth	1761.47	01/09/2012	102.11	1659.36	
			04/11/2012	101.78	1659.69	
			07/09/2012	101.86	1659.61	
			10/11/2012	104.12	1657.35	
RD-58C	Chatsworth	1759.19	01/09/2012	118.80	1640.39	
			04/11/2012	119.03	1640.16	
			07/09/2012	119.40	1639.79	
			10/11/2012	121.79	1637.40	
RD-59A	Chatsworth	1340.59	01/09/2012	28.21	1312.38	
			04/09/2012	27.88	1312.71	
			07/09/2012	28.29	1312.30	
			10/09/2012	27.78	1312.81	
RD-59B	Chatsworth Artesian	1342.49	01/09/2012	-34.61	1377.10	(T)
			04/09/2012	-36.91	1379.40	(T)
			07/09/2012	-18.92	1361.41	(T)
			10/09/2012	-15.89	1358.38	(T)

TABLE 3
WATER LEVEL DATA, 2012
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well Identifier	Geological Unit	Reference Point Elevation (feet above MSL)	Date of Measurement	Depth to Water (feet BTOC)	Static Water Level Elevation (feet above MSL)	Notes
RD-59C	Chatsworth Artesian	1345.41	01/09/2012	-32.30	1377.71	(T)
			04/09/2012	-32.30	1377.71	(T)
			07/09/2012	-17.99	1363.40	(T)
			10/09/2012	-15.89	1361.30	(T)
RD-60	Chatsworth	1869.88	01/10/2012	76.49	1793.39	
			04/09/2012	78.67	1791.21	
			07/10/2012	77.93	1791.95	
			10/09/2012	80.63	1789.25	
RD-61	Chatsworth	1845.74	01/10/2012	114.44	1731.30	
			04/09/2012	113.89	1731.85	
			07/10/2012	114.07	1731.67	
			10/10/2012	116.65	1729.09	
RD-62	Chatsworth	1837.27	01/10/2012	208.90	1628.37	
			04/09/2012	208.01	1629.26	
			07/10/2012	209.47	1627.80	
			10/10/2012	209.46	1627.81	
RD-63	Chatsworth	1764.83	01/10/2012	19.02	1745.81	
			04/09/2012	19.58	1745.25	
			07/09/2012	20.68	1744.15	
			10/09/2012	22.61	1742.22	
RD-64	Chatsworth	1857.04	FLUTe			(1)
RD-65	Chatsworth	1819.14	FLUTe			(1)
RD-66	Chatsworth	1731.06	01/09/2012	167.45	1563.61	
			04/09/2012	169.04	1562.02	
			07/09/2012	167.53	1563.53	
			10/11/2012	169.81	1561.25	
RD-67	Chatsworth	1901.66	01/09/2012	54.69	1846.97	
			04/11/2012	60.90	1840.76	
			07/09/2012	58.09	1843.57	
			10/10/2012	59.82	1841.84	
RD-68A	Chatsworth Artesian	1307.64	01/09/2012	-8.65	1316.29	(T)
			04/09/2012	-4.61	1312.25	(T)
			07/09/2012	-5.08	1312.72	(T)
			10/10/2012	UTM	--	(*T)
RD-68B	Chatsworth Artesian	1312.44	01/09/2012	Not Applicable	--	(*I)
			04/09/2012	Not Applicable	--	(*I)
			07/09/2012	Not Applicable	--	(*I)
			10/10/2012	Not Applicable	--	(*I)
RD-69	Chatsworth	1831.23	01/10/2012	48.44	1782.79	
			04/10/2012	49.85	1781.38	
			07/10/2012	51.55	1779.68	
			10/09/2012	53.22	1778.01	
RD-70	Chatsworth	1732.44	01/09/2012	139.84	1592.60	
			04/10/2012	133.17	1599.27	
			07/10/2012	138.62	1593.82	
			10/09/2012	138.87	1593.57	
RD-71	Chatsworth	1740.02	01/09/2012	178.77	1561.25	
			04/09/2012	179.12	1560.90	
			07/09/2012	178.81	1561.21	
			10/11/2012	179.64	1560.38	

TABLE 3
WATER LEVEL DATA, 2012
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well Identifier	Geological Unit	Reference Point Elevation (feet above MSL)	Date of Measurement	Depth to Water (feet BTOC)	Static Water Level Elevation (feet above MSL)	Notes
RD-72	Chatsworth	1907.25	FLUTe			(1)
RD-73	Chatsworth	1901.60	01/11/2012	83.03	1818.57	
			04/10/2012	83.46	1818.14	
			07/11/2012	84.61	1816.99	
			10/10/2012	85.97	1815.63	
RD-74	Chatsworth	1810.90	01/11/2012	Dry	--	
			04/10/2012	Dry	--	
			07/09/2012	Dry	--	
			10/10/2012	Dry	--	
RD-75	Chatsworth	1613.07	01/10/2012	387.99	1225.08	
			04/09/2012	387.90	1225.17	
			07/09/2012	388.06	1225.01	
			10/10/2012	382.95	1230.12	
RD-76	Chatsworth	1772.38	01/10/2012	126.80	1645.58	
			04/09/2012	126.29	1646.09	
			07/10/2012	127.97	1644.41	
			10/10/2012	127.99	1644.39	
RD-77	Chatsworth	1918.60	01/11/2012	100.84	1817.76	
			04/10/2012	101.89	1816.71	
			07/11/2012	102.56	1816.04	
			10/10/2012	103.83	1814.77	
RD-78	Chatsworth	1819.58	01/09/2012	231.39	1588.19	
			04/10/2012	229.54	1590.04	
			07/10/2012	229.86	1589.72	
			10/09/2012	229.46	1590.12	
RD-80	Chatsworth	1740.18	01/09/2012	128.82	1611.36	
			04/10/2012	127.86	1612.32	
			07/10/2012	127.13	1613.05	
			10/09/2012	126.84	1613.34	
RD-81	Chatsworth	1706.06	01/09/2012	94.84	1611.22	
			04/10/2012	93.79	1612.27	
			07/10/2012	93.21	1612.85	
			10/09/2012	92.93	1613.13	
RD-82	Chatsworth	1676.71	01/09/2012	65.28	1611.43	
			04/10/2012	64.35	1612.36	
			07/10/2012	63.76	1612.95	
			10/09/2012	63.52	1613.19	
RD-83	Chatsworth	1660.90	01/09/2012	50.80	1610.10	
			04/10/2012	49.83	1611.07	
			07/10/2012	49.30	1611.60	
			10/09/2012	49.08	1611.82	
RD-84	Chatsworth	1907.82	01/11/2012	145.69	1762.13	
			04/10/2012	146.21	1761.61	
			07/11/2012	147.04	1760.78	
			10/10/2012	148.27	1759.55	
RD-85	Chatsworth	1849.36	01/09/2012	56.56	1792.80	
			04/09/2012	59.16	1790.20	
			07/11/2012	59.89	1789.47	
			10/09/2012	61.32	1788.04	

TABLE 3
WATER LEVEL DATA, 2012
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well Identifier	Geological Unit	Reference Point Elevation (feet above MSL)	Date of Measurement	Depth to Water (feet BTOC)	Static Water Level Elevation (feet above MSL)	Notes
RD-86	Chatsworth	1832.16	01/09/2012	25.73	1806.43	
			04/10/2012	27.22	1804.94	
			07/11/2012	29.40	1802.76	
			10/09/2012	28.62	1803.54	
RD-87	Chatsworth	1789.09	01/10/2012	45.55	1743.54	
			04/10/2012	46.22	1742.87	
			07/09/2012	46.53	1742.56	
			10/09/2012	47.19	1741.90	
RD-88	Chatsworth	1774.62	01/11/2012	23.48	1751.14	
			04/09/2012	23.30	1751.32	
			07/09/2012	25.33	1749.29	
			10/09/2012	26.09	1748.53	
RD-89	Chatsworth	1814.18	01/10/2012	36.66	1777.52	
			04/09/2012	39.27	1774.91	
			07/09/2012	39.73	1774.45	
			10/09/2012	39.69	1774.49	
RD-90	Chatsworth	1784.75	01/10/2012	29.54	1755.21	
			04/09/2012	29.93	1754.82	
			07/09/2012	31.04	1753.71	
			10/09/2012	32.48	1752.27	
RD-91	Chatsworth	1818.04	01/11/2012	28.98	1789.06	
			04/09/2012	30.09	1787.95	
			07/09/2012	30.76	1787.28	
			10/10/2012	66.01	1752.03	
RD-92	Chatsworth	1833.74	01/11/2012	58.45	1775.29	
			04/10/2012	58.31	1775.43	
			10/09/2012	59.01	1774.73	
RD-93	Chatsworth	1810.48	01/10/2012	38.55	1771.93	
			04/09/2012	32.38	1778.10	
			07/09/2012	32.84	1777.64	
			10/09/2012	33.27	1777.21	
RD-94	Chatsworth	1744.38	01/10/2012	14.81	1729.57	
			04/10/2012	14.91	1729.47	
			07/09/2012	16.45	1727.93	
			10/09/2012	18.55	1725.83	
RD-95	Chatsworth	1811.36	01/11/2012	48.00	1763.36	
			04/09/2012	48.93	1762.43	
			07/09/2012	49.71	1761.65	
			10/10/2012	50.73	1760.63	
RD-96	Chatsworth	1805.49	01/11/2012	55.78	1749.71	
			04/10/2012	57.28	1748.21	
			07/09/2012	58.01	1747.48	
			10/10/2012	59.12	1746.37	
RD-97	Chatsworth	1792.22	01/11/2012	46.45	1745.77	
			04/10/2012	47.22	1745.00	
			07/09/2012	47.92	1744.30	
			10/10/2012	49.24	1742.98	

TABLE 3
WATER LEVEL DATA, 2012
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well Identifier	Geological Unit	Reference Point Elevation (feet above MSL)	Date of Measurement	Depth to Water (feet BTOC)	Static Water Level Elevation (feet above MSL)	Notes
RD-98	Chatsworth	1808.73	01/11/2012	38.38	1770.35	
			04/09/2012	39.26	1769.47	
			07/09/2012	39.61	1769.12	
			10/09/2012	41.58	1767.15	
RD-99	Chatsworth	1896.36	01/10/2012	276.84	1619.52	
			07/10/2012	275.82	1620.54	
RD-100	Chatsworth	1767.79	01/10/2012	119.75	1648.04	
			07/10/2012	115.16	1652.63	
RD-102	Chatsworth	1817.50	01/09/2012	55.69	1761.81	
RD-104	Chatsworth	1826.49	01/10/2012	33.81	1792.68	
			04/11/2012	Dry	--	
			07/10/2012	Dry	--	
			10/12/2012	Dry	--	
RS-01	Shallow	1879.68	01/09/2012	Dry	--	
			04/10/2012	Dry	--	
			07/11/2012	Dry	--	
			10/10/2012	24.77	1854.91	
RS-02	Shallow	1901.08	01/11/2012	Dry	--	
			04/10/2012	Dry	--	
			07/11/2012	Dry	--	
			10/10/2012	Dry	--	
RS-03	Shallow	1834.22	01/11/2012	Dry	--	
			04/10/2012	Dry	--	
			07/10/2012	Dry	--	
			10/11/2012	Dry	--	
RS-04	Shallow	1826.56	01/10/2012	Dry	--	
			04/10/2012	Dry	--	
			07/10/2012	Dry	--	
			10/11/2012	Dry	--	
RS-05	Shallow	1783.73	01/10/2012	20.47	1763.26	
			04/10/2012	21.01	1762.72	
			07/10/2012	21.43	1762.30	
			10/11/2012	Dry	--	
RS-06	Shallow	1757.43	01/10/2012	18.70	1738.73	
			04/10/2012	18.77	1738.66	
			07/10/2012	18.91	1738.52	
			10/11/2012	Dry	--	
RS-07	Shallow	1732.27	01/10/2012	Dry	--	
			04/09/2012	6.46	1725.81	
			07/10/2012	Dry	--	
			10/11/2012	Dry	--	
RS-08	Shallow	1821.46	01/10/2012	Dry	--	
			04/11/2012	Dry	--	
			07/10/2012	Dry	--	
			10/12/2012	Dry	--	
RS-09	Shallow	1735.52	01/09/2012	Dry	--	
			04/11/2012	24.84	1710.68	
			07/09/2012	Dry	--	
			10/11/2012	Dry	--	

TABLE 3
WATER LEVEL DATA, 2012
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well Identifier	Geological Unit	Reference Point Elevation (feet above MSL)	Date of Measurement	Depth to Water (feet BTOC)	Static Water Level Elevation (feet above MSL)	Notes
RS-10	Shallow	1762.08	01/09/2012	Dry	--	
			04/11/2012	Dry	--	
			07/09/2012	Dry	--	
			10/12/2012	Dry	--	
RS-11	Shallow	1790.39	01/11/2012	14.11	1776.28	
			04/10/2012	15.75	1774.64	
			07/09/2012	16.89	1773.50	
			10/09/2012	Dry	--	
RS-12	Shallow	1727.48	01/09/2012	Dry	--	
			04/11/2012	Dry	--	
			07/09/2012	Dry	--	
			10/12/2012	Dry	--	
RS-13	Shallow	1645.13	01/09/2012	Dry	--	
			04/11/2012	Dry	--	
			07/09/2012	Dry	--	
			10/11/2012	Dry	--	
RS-14	Shallow	1734.78	01/09/2012	Dry	--	
			04/11/2012	Dry	--	
			07/09/2012	Dry	--	
			10/11/2012	Dry	--	
RS-15	Shallow	1764.86	01/09/2012	8.62	1756.24	
			04/11/2012	8.33	1756.53	
			07/10/2012	10.16	1754.70	
			10/12/2012	11.85	1753.01	
RS-16	Shallow	1811.05	01/11/2012	Dry	--	
			04/10/2012	Dry	--	
			07/09/2012	Dry	--	
			10/10/2012	Dry	--	
RS-17	Shallow	1766.52	01/09/2012	13.79	1752.73	
			04/11/2012	12.15	1754.37	
			07/10/2012	14.17	1752.35	
			10/12/2012	Dry	--	
RS-18	Shallow	1802.86	01/11/2012	11.33	1791.53	
			04/09/2012	8.98	1793.88	
			07/09/2012	12.95	1789.91	
			10/10/2012	Dry	--	
RS-19	Shallow	1812.42	01/10/2012	Dry	--	
			04/10/2012	Dry	--	
			07/10/2012	Dry	--	
			10/11/2012	Dry	--	
RS-20	Shallow	1823.77	01/10/2012	Dry	--	
			04/10/2012	Dry	--	
			07/10/2012	Dry	--	
			10/11/2012	Dry	--	
RS-21	Shallow	1767.36	01/10/2012	Dry	--	
			04/11/2012	Dry	--	
			07/10/2012	Dry	--	
			10/12/2012	Dry	--	

TABLE 3
WATER LEVEL DATA, 2012
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well Identifier	Geological Unit	Reference Point Elevation (feet above MSL)	Date of Measurement	Depth to Water (feet BTOC)	Static Water Level Elevation (feet above MSL)	Notes
RS-22	Shallow	1771.23	01/10/2012	29.84	1741.39	
			04/11/2012	30.84	1740.39	
			07/10/2012	Dry	--	
			10/12/2012	Dry	--	
RS-23	Shallow	1887.25	01/11/2012	Dry	--	
			04/09/2012	Dry	--	
			07/09/2012	Dry	--	
			10/10/2012	Dry	--	
RS-24	Shallow	1809.24	01/11/2012	Dry	--	
			04/10/2012	Dry	--	
			07/09/2012	Dry	--	
			10/09/2012	Dry	--	
RS-25	Shallow	1862.71	01/10/2012	Dry	--	
			04/09/2012	Dry	--	
			10/09/2012	Dry	--	
RS-27	Shallow	1804.78	01/10/2012	Dry	--	
			04/09/2012	Dry	--	
			07/09/2012	Dry	--	
			10/10/2012	Dry	--	
RS-28	Shallow	1768.59	01/10/2012	UTM	--	(*)
			04/09/2012	UTM	--	(*)
			07/09/2012	UTM	--	(*)
			10/09/2012	UTM	--	(*)
RS-29	Shallow	1833.09	01/09/2012	Dry	--	
			04/10/2012	Dry	--	
			07/10/2012	Dry	--	
			10/09/2012	Dry	--	
RS-30	Shallow	1909.01	01/11/2012	Dry	--	
			04/10/2012	22.38	1886.63	
			07/11/2012	21.13	1887.88	
			10/10/2012	Dry	--	
RS-31	Shallow	1909.03	01/11/2012	Dry	--	
			04/10/2012	18.74	1890.29	
			07/11/2012	18.09	1890.94	
			10/10/2012	Dry	--	
RS-32	Shallow	1908.99	01/11/2012	16.21	1892.78	
			04/10/2012	13.87	1895.12	
			07/11/2012	14.94	1894.05	
			10/10/2012	16.47	1892.52	
RS-33	Shallow	1728.89	01/09/2012	23.31	1705.58	
			04/11/2012	20.92	1707.97	
			07/09/2012	21.67	1707.22	
			10/11/2012	29.98	1698.91	
RS-34	Shallow	1808.87	01/09/2012	22.23	1786.64	
			04/11/2012	22.98	1785.89	
			07/11/2012	24.90	1783.97	
			10/12/2012	29.24	1779.63	

TABLE 3
WATER LEVEL DATA, 2012
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well Identifier	Geological Unit	Reference Point Elevation (feet above MSL)	Date of Measurement	Depth to Water (feet BTOC)	Static Water Level Elevation (feet above MSL)	Notes
RS-35	Shallow	1900.07	01/11/2012	Dry	--	
			04/10/2012	Dry	--	
			07/11/2012	Dry	--	
			10/10/2012	Dry	--	
RS-36	Shallow	1817.73	01/09/2012	8.13	1809.60	
RS-54	Shallow	1846.66	01/11/2012	22.75	1823.91	
			04/09/2012	27.15	1819.51	
			07/09/2012	29.59	1817.07	
			10/10/2012	30.76	1815.90	
SH-01	Shallow	1772.84	01/09/2012	Dry	--	
			04/11/2012	Dry	--	
			07/10/2012	Dry	--	
			10/12/2012	Dry	--	
SH-02	Shallow	1762.76	01/09/2012	Dry	--	
			04/11/2012	Dry	--	
			07/10/2012	Dry	--	
			10/11/2012	Dry	--	
SH-03	Shallow	1762.53	01/09/2012	Dry	--	
			04/11/2012	9.66	1752.87	
			07/10/2012	Dry	--	
			10/11/2012	Dry	--	
SH-04	Shallow	1765.08	01/09/2012	13.03	1752.05	
			04/11/2012	11.73	1753.35	
			07/10/2012	Dry	--	
			10/12/2012	Dry	--	
SH-05	Shallow	1762.97	01/09/2012	Dry	--	
			04/11/2012	Dry	--	
			07/10/2012	Dry	--	
			10/12/2012	Dry	--	
SH-06	Shallow	1776.99	01/09/2012	Dry	--	
			04/11/2012	Dry	--	
			07/10/2012	Dry	--	
			10/12/2012	Dry	--	
SH-07	Shallow	1775.11	01/09/2012	Dry	--	
			04/11/2012	Dry	--	
			07/10/2012	Dry	--	
			10/12/2012	Dry	--	
SH-08	Shallow	1763.25	01/09/2012	12.11	1751.14	
			04/11/2012	Dry	--	
			07/10/2012	Dry	--	
			10/12/2012	Dry	--	
SH-09	Shallow	1761.19	01/09/2012	Dry	--	
			04/11/2012	Dry	--	
			07/10/2012	Dry	--	
			10/11/2012	Dry	--	
SH-10	Shallow	1757.69	01/09/2012	Dry	--	
			04/11/2012	8.29	1749.40	
			07/10/2012	Dry	--	
			10/12/2012	Dry	--	

TABLE 3
WATER LEVEL DATA, 2012
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well Identifier	Geological Unit	Reference Point Elevation (feet above MSL)	Date of Measurement	Depth to Water (feet BTOC)	Static Water Level Elevation (feet above MSL)	Notes
SH-11	Shallow	1756.00	01/09/2012	17.13	1738.87	
			04/11/2012	14.31	1741.69	
			07/10/2012	17.74	1738.26	
			10/12/2012	Dry	--	
WS-04A	Chatsworth	1750.94	01/09/2012	140.34	1610.60	
			04/10/2012	125.37	1625.57	
			07/10/2012	138.71	1612.23	
			10/09/2012	138.47	1612.47	
WS-05	Chatsworth	1830.20	01/10/2012	218.02	1612.18	
			04/10/2012	217.66	1612.54	
			07/10/2012	216.44	1613.76	
			10/11/2012	216.03	1614.17	
WS-06	Chatsworth	1932.72	01/10/2012	320.80	1611.92	
			04/11/2012	317.15	1615.57	
			07/11/2012	319.24	1613.48	
			10/12/2012	319.07	1613.65	
WS-07	Chatsworth	1826.19	01/10/2012	55.66	1770.53	
			04/09/2012	56.09	1770.10	
			10/09/2012	59.27	1766.92	
WS-08	Chatsworth	1794.39	01/09/2012	131.00	1663.39	
			04/11/2012	130.53	1663.86	
			07/10/2012	132.92	1661.47	
			10/12/2012	130.59	1663.80	
WS-09	Chatsworth	1883.99	01/10/2012	268.21	1615.78	
			04/11/2012	267.62	1616.37	
			07/10/2012	266.30	1617.69	
			10/12/2012	265.86	1618.13	
WS-09A	Chatsworth	1647.61	01/09/2012	29.56	1618.05	
			04/11/2012	31.19	1616.42	
			07/09/2012	50.88	1596.73	
			10/11/2012	46.22	1601.39	
WS-09B	Chatsworth	1796.89	01/10/2012	86.18	1710.71	
			04/10/2012	88.05	1708.84	
			07/10/2012	88.33	1708.56	
			10/09/2012	89.48	1707.41	
WS-11	Chatsworth	1748.70	01/09/2012	43.28	1705.42	
			04/11/2012	40.37	1708.33	
			07/09/2012	40.90	1707.80	
			10/12/2012	53.33	1695.37	
WS-12	Chatsworth	1705.98	01/09/2012	95.34	1610.64	
			04/10/2012	94.25	1611.73	
			07/10/2012	93.64	1612.34	
			10/09/2012	93.35	1612.63	
WS-13	Chatsworth	1658.62	01/09/2012	47.85	1610.77	
			04/10/2012	46.85	1611.77	
			07/10/2012	46.30	1612.32	
			10/09/2012	45.88	1612.74	

TABLE 3
WATER LEVEL DATA, 2012
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well Identifier	Geological Unit	Reference Point Elevation (feet above MSL)	Date of Measurement	Depth to Water (feet BTOC)	Static Water Level Elevation (feet above MSL)	Notes
WS-14	Chatsworth	1878.23	01/11/2012	311.52	1566.71	
			04/10/2012	310.69	1567.54	
			07/11/2012	312.17	1566.06	
			10/09/2012	309.64	1568.59	
WS-SP	Chatsworth	1766.76	01/10/2012	28.13	1738.63	
			04/11/2012	13.35	1753.41	
			07/10/2012	13.88	1752.88	
			10/12/2012	32.30	1734.46	

TABLE 3
WATER LEVEL DATA, 2012
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

NOTES AND ABBREVIATIONS

BTOC = below top of casing.

MSL = Mean Sea Level.

(I) = Incompatible with use of pressure transducer

(T) = Pressure transducer installed on artesian well

UTM = Unable to measure

-- = No data available or not applicable

Chatsworth = Chatsworth Formation groundwater unit

Chatsworth Artesian = Chatsworth Formation groundwater unit - Artesian with hydrostatic head above land surface

Shallow = Near-surface groundwater unit

(*) = Unable to measure due to the following:
FDP-835 - unable to access due to vegetation and steep terrain
OS-02 - Artesian flow observed
OS-03 - Artesian flow observed
OS-04 - Artesian flow observed
OS-09 - Artesian flow observed
OS-16 - No downhole access
OS-24 - Partially removed FLUTe system prevents water level measurements
PZ-054 - Melted casing cut to just above grade; Casing appears to have been filled in with dirt
PZ-072 - Melted casing cut to just above grade; Casing appears to have been filled in with dirt
RD-30 - Vault welded shut to prevent surface water from infiltrating the well
RD-68A - Pressure gauge on transducer broken
RD-68B - Well modified and no longer compatible with use of pressure transducer; Artesian flow observed
RS-28 - Vault welded shut to prevent surface water from infiltrating the well

Static water level elevations were calculated using the following equation:

E_W = E – D + C

Where:

E_W = Elevation of water above mean sea level (feet)
E = Elevation above sea level at point of measurement (feet)
D = Depth to water (feet)
C = Calibration correction factor (feet)

TABLE 3
WATER LEVEL DATA, 2012
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

(1) = FLUTe installed in well. Water levels at saturated ports were recorded by dataloggers:

-- = failed pressure transducer

NA = Not monitored; port historically dry.

Well	Port	Spacer Interval (feet BTOC)	Reference Point Elevation (feet above MSL)	Date	Depth to Water (feet BTOC)	Static Water Level Elevation (feet above MSL)
RD-07			1812.82		All pressure transducers over-range since installation	
RD-21	1	85 - 95	1866.96	1/1/2012	90.20	1776.76
				4/10/2012	91.87	1775.09
				10/9/2012	Dry	--
	2	105 - 115	1866.96	1/1/2012	89.94	1777.02
				4/10/2012	90.99	1775.97
				10/9/2012	93.83	1773.13
	3	125 - 135	1866.96	1/1/2012	90.91	1776.05
				4/10/2012	92.38	1774.58
				10/9/2012	95.68	1771.28
	4	145 - 155	1866.96	1/1/2012	--	--
				4/10/2012	--	--
				10/9/2012	--	--
	5	165 - 175	1866.96	1/1/2012	86.09	1780.87
				4/10/2012	87.15	1779.81
				10/9/2012	89.60	1777.36
RD-22	1	310 - 320	1853.41	1/1/2012	297.30	1556.11
				4/10/2012	291.26	1562.15
				10/9/2012	--	--
	2	330 - 340	1853.41	1/1/2012	296.64	1556.77
				4/10/2012	296.62	1556.79
				10/9/2012	296.58	1556.83
	3	350 - 360	1853.41	1/1/2012	--	--
				4/10/2012	--	--
				10/9/2012	--	--
	4	370 - 380	1853.41	1/1/2012	--	--
				4/10/2012	--	--
				10/9/2012	--	--
	5	390 - 400	1853.41	1/1/2012	299.12	1554.29
				4/10/2012	299.37	1554.04
				10/9/2012	299.64	1553.77
	6	410 - 420	1853.41	1/1/2012	--	--
				4/10/2012	--	--
				10/9/2012	--	--
	7	430 - 440	1853.41	1/1/2012	--	--
				4/10/2012	--	--
				10/9/2012	--	--
RD-23			1838.19		All pressure transducers have failed	
RD-33A	1	211 - 221	1792.97	1/1/2012	204.62	1588.35
				4/10/2012	205.45	1587.52
				10/9/2012	205.74	1587.23
	2	231 - 241	1792.97	1/1/2012	209.75	1583.22
				4/10/2012	--	--
				10/9/2012	--	--

TABLE 3
WATER LEVEL DATA, 2012
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well	Port	Spacer Interval (feet BTOC)	Reference Point Elevation (feet above MSL)	Date	Depth to Water (feet BTOC)	Static Water Level Elevation (feet above MSL)
RD-33A	3	251 - 261	1792.97	1/1/2012	208.61	1584.36
				4/10/2012	208.49	1584.48
				10/9/2012	208.91	1584.06
	4	271 - 281	1792.97	1/1/2012	--	--
				4/10/2012	--	--
				10/9/2012	--	--
	5	291 - 301	1792.97	1/1/2012	--	--
				4/10/2012	--	--
				10/9/2012	--	--
	6	311 - 321	1792.97	1/1/2012	--	--
				4/10/2012	--	--
				10/9/2012	--	--
RD-50	1	106 - 116	1914.88	1/1/2012	--	--
				4/10/2012	--	--
				10/9/2012	--	--
	2	126 - 136	1914.88	1/1/2012	--	--
				4/10/2012	--	--
				10/9/2012	--	--
	3	146 - 156	1914.88	1/1/2012	106.26	1808.62
				4/10/2012	107.12	1807.76
				10/9/2012	109.71	1805.17
	4	166 - 176	1914.88	1/1/2012	--	--
				4/10/2012	--	--
				10/9/2012	--	--
	5	186 - 196	1914.88	1/1/2012	--	--
				4/10/2012	--	--
				10/9/2012	--	--
RD-54A	1	150.5 - 160.5	1841.72	1/1/2012	--	--
				4/2/2012	--	--
	2	170.5 - 180.5	1841.72	1/1/2012	--	--
				4/2/2012	--	--
	3	190.5 - 200.5	1841.72	1/1/2012	--	--
				4/2/2012	--	--
	4	210.5 - 220.5	1841.72	1/1/2012	--	--
				4/2/2012	--	--
	5	230.5 - 240.5	1841.72	1/1/2012	--	--
				4/2/2012	--	--
	6	250.5 - 260.5	1841.72	1/1/2012	--	--
				4/2/2012	--	--
	7	270.5 - 280.5	1841.72	1/1/2012	191.11	1650.61
				4/2/2012	197.41	1644.31
RD-57	1	228 - 238	1774.15	1/1/2012	NA	NA
				4/10/2012	NA	NA
				10/9/2012	NA	NA
	2	248 - 258	1774.15	1/1/2012	NA	NA
				4/10/2012	NA	NA
				10/9/2012	NA	NA
	3	268 - 278	1774.15	1/1/2012	--	--
				4/10/2012	--	--
				10/9/2012	--	--

TABLE 3
WATER LEVEL DATA, 2012
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well	Port	Spacer Interval (feet BTOC)	Reference Point Elevation (feet above MSL)	Date	Depth to Water (feet BTOC)	Static Water Level Elevation (feet above MSL)
RD-57	4	288 - 298	1774.15	1/1/2012	Dry	--
				4/10/2012	Dry	--
				10/9/2012	Dry	--
	5	308 - 318	1774.15	1/1/2012	Dry	--
				4/10/2012	Dry	--
				10/9/2012	Dry	--
	6	328 - 338	1774.15	1/1/2012	323.29	1450.86
				4/10/2012	331.06	1443.09
				10/9/2012	--	--
	7	348 - 358	1774.15	1/1/2012	317.50	1456.65
				4/10/2012	318.60	1455.55
				10/9/2012	322.84	1451.31
	8	368 - 378	1774.15	1/1/2012	--	--
				4/10/2012	--	--
				10/9/2012	--	--
	9	388 - 398	1774.15	1/1/2012	--	--
				4/10/2012	--	--
				10/9/2012	--	--
	10	408 - 418	1774.15	1/1/2012	342.25	1431.90
				4/10/2012	344.86	1429.29
				10/9/2012	343.26	1430.89
RD-64			1857.04		All pressure transducers have failed	
RD-65	1	167 - 177	1819.14	1/1/2012	--	--
				4/10/2012	--	--
				10/9/2012	--	--
	2	187 - 197	1819.14	1/1/2012	--	--
				4/10/2012	--	--
				10/9/2012	--	--
	3	207 - 217	1819.14	1/1/2012	--	--
				4/10/2012	--	--
				10/9/2012	--	--
	4	227 - 237	1819.14	1/1/2012	--	--
				4/10/2012	--	--
				10/9/2012	--	--
	5	247 - 257	1819.14	1/1/2012	224.93	1594.21
				4/10/2012	226.07	1593.07
				10/9/2012	227.95	1591.20
	6	267 - 277	1819.14	1/1/2012	--	--
				4/10/2012	--	--
				10/9/2012	--	--
	7	287 - 297	1819.14	1/1/2012	--	--
				4/10/2012	--	--
				10/9/2012	--	--
	8	307 - 317	1819.14	1/1/2012	226.57	1592.57
				4/10/2012	226.60	1592.54
				10/9/2012	226.10	1593.04
RD-72	1	45 - 55	1907.25	1/1/2012	Dry	--
				4/10/2012	Dry	--
				7/10/2012	Dry	--
				10/9/2012	Dry	--

TABLE 3
WATER LEVEL DATA, 2012
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well	Port	Spacer Interval (feet BTOC)	Reference Point Elevation (feet above MSL)	Date	Depth to Water (feet BTOC)	Static Water Level Elevation (feet above MSL)
RD-72	2	65 - 75	1907.25	1/1/2012	Dry	--
				4/10/2012	Dry	--
				7/10/2012	Dry	--
				10/9/2012	Dry	--
	3	85 - 95	1907.25	1/1/2012	Dry	--
				4/10/2012	Dry	--
				7/10/2012	Dry	--
				10/9/2012	Dry	--
	4	105 - 115	1907.25	1/1/2012	--	--
				4/10/2012	--	--
				7/10/2012	--	--
				10/9/2012	--	--
	5	125 - 135	1907.25	1/1/2012	93.62	1813.63
				4/10/2012	94.44	1812.81
				7/10/2012	95.49	1811.76
				10/9/2012	97.08	1810.17
	6	145 - 155	1907.25	1/1/2012	--	--
				4/10/2012	--	--
				7/10/2012	--	--
				10/9/2012	--	--
	7	165 - 175	1907.25	1/1/2012	--	--
				4/10/2012	--	--
				7/10/2012	--	--
				10/9/2012	--	--
	8	185 - 195	1907.25	1/1/2012	93.62	1813.63
				4/10/2012	94.63	1812.62
				7/10/2012	95.85	1811.40
				10/9/2012	98.26	1808.99

TABLE 3
WATER LEVEL DATA, 2012
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

(2) = Westbay installed in well. Water levels measured by wireline probe are provided for the wells listed below.

Zone = A section of the Westbay that includes measuring and pumping ports. A pumping port enables the zone to be purged.

QA = A section of the Westbay that only has a measuring port. This interval can be sampled, but not purged.

NM = Not monitored; MOSDAX transducers installed at selected ports for RD-10 pumping test.

Well	Port	Spacer Interval (feet BTOC)	Reference Point Elevation (feet above MSL)	Date	Depth to Water (feet BTOC)	Static Water Level Elevation (feet above MSL)
OS-09R	Zone 1	30.75 - 41.88	1018.07	1/13/2012	-1.10	1019.17
				4/11/2012	-1.82	1019.89
				8/7/2012	-0.57	1018.64
				10/11/2012	0.24	1017.83
	Zone 2	44.88 - 53.91	1018.07	1/13/2012	-1.20	1019.27
				4/11/2012	-1.94	1020.01
				8/7/2012	-0.65	1018.72
				10/11/2012	0.06	1018.01
	QA-01	56.91 - 61.95	1018.07	1/13/2012	-1.20	1019.27
				4/11/2012	-1.96	1020.03
				8/7/2012	-0.81	1018.88
				10/11/2012	0.09	1017.98
	Zone 3	64.95 - 89.97	1018.07	1/13/2012	-14.08	1032.15
				4/11/2012	-14.59	1032.66
				8/7/2012	-13.60	1031.67
				10/11/2012	-12.88	1030.95
	QA-02	92.97 - 96.98	1018.07	1/13/2012	-14.10	1032.17
				4/11/2012	-14.60	1032.67
				8/7/2012	-13.64	1031.71
				10/11/2012	-12.90	1030.97
	Zone 4	99.98 - 129.00	1018.07	1/13/2012	-14.14	1032.21
				4/11/2012	-14.60	1032.67
				8/7/2012	-13.63	1031.70
				10/11/2012	-12.96	1031.03
	Zone 5	132.00 - 147.01	1018.07	1/13/2012	-15.52	1033.59
				4/11/2012	-15.89	1033.96
				8/7/2012	-14.94	1033.01
				10/11/2012	-14.36	1032.43
	Zone 6	150.01 - 175.03	1018.07	1/13/2012	-16.23	1034.30
				4/11/2012	-16.60	1034.67
				8/7/2012	-15.72	1033.79
				10/11/2012	-15.12	1033.19

TABLE 3
WATER LEVEL DATA, 2012
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well	Port	Spacer Interval (feet BTOC)	Reference Point Elevation (feet above MSL)	Date	Depth to Water (feet BTOC)	Static Water Level Elevation (feet above MSL)
OS-09R	Zone 7	178.03 - 201.04	1018.07	1/13/2012	-17.64	1035.71
				4/11/2012	-17.89	1035.96
				8/7/2012	-17.22	1035.29
				10/11/2012	-16.64	1034.71
	Zone 8	204.04 - 218.07	1018.07	1/13/2012	-17.52	1035.59
				4/11/2012	-17.82	1035.89
				8/7/2012	-17.15	1035.22
				10/11/2012	-16.57	1034.64
	Zone 9	221.07 - 245.08	1018.07	1/13/2012	-14.44	1032.51
				4/11/2012	-14.64	1032.71
				8/7/2012	-13.90	1031.97
				10/11/2012	-13.60	1031.67
	QA-03	248.08 - 252.09	1018.07	1/13/2012	-19.00	1037.07
				4/11/2012	-19.39	1037.46
				8/7/2012	-17.59	1035.66
				10/11/2012	-17.13	1035.20
	Zone 10	255.09 - 277.10	1018.07	1/13/2012	-19.02	1037.09
				4/11/2012	-18.77	1036.84
				8/7/2012	-17.68	1035.75
				10/11/2012	-17.31	1035.38
	Zone 11	280.10 - 292.13	1018.07	1/13/2012	-19.81	1037.88
				4/11/2012	-19.64	1037.71
				8/7/2012	-18.38	1036.45
				10/11/2012	-18.19	1036.26
	Zone 12	295.13 - 307.13	1018.07	1/13/2012	-20.31	1038.38
				4/11/2012	-20.12	1038.19
				8/7/2012	-19.02	1037.09
				10/11/2012	-18.55	1036.62
	Zone 13	310.13 - 337.17	1018.07	1/13/2012	-20.61	1038.68
				4/11/2012	-20.70	1038.77
				8/7/2012	-19.54	1037.61
				10/11/2012	-19.04	1037.11
	Zone 14	340.17 - 357.18	1018.07	1/13/2012	-30.36	1048.43
				4/11/2012	-30.82	1048.89
				8/7/2012	-30.50	1048.57
				10/11/2012	-30.22	1048.29
	Zone 15	360.18 - 377.19	1018.07	1/13/2012	-31.08	1049.15
				4/11/2012	-31.59	1049.66
				8/7/2012	-30.99	1049.06
				10/11/2012	-30.76	1048.83

TABLE 3
WATER LEVEL DATA, 2012
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well	Port	Spacer Interval (feet BTOC)	Reference Point Elevation (feet above MSL)	Date	Depth to Water (feet BTOC)	Static Water Level Elevation (feet above MSL)
OS-09R	Zone 16	380.19 - 408.75	1018.07	1/13/2012	-47.62	1065.69
				4/11/2012	-47.79	1065.86
				8/7/2012	-47.07	1065.14
				10/11/2012	-46.79	1064.86
RD-31	QA-01	29.5-182.5	1944.55	1/13/2012	126.48	1818.07
				4/11/2012	127.36	1817.19
				8/7/2012	128.24	1816.31
				10/9/2012	NM	NM
	Zone 1	185.5-200.5	1944.55	1/13/2012	126.58	1817.97
				4/11/2012	127.39	1817.16
				8/7/2012	128.31	1816.24
				10/9/2012	129.77	1814.78
	Zone 2	203.5-218.5	1944.55	1/13/2012	126.59	1817.96
				4/11/2012	127.42	1817.13
				8/7/2012	128.34	1816.21
				10/9/2012	NM	NM
	QA-02	221.5-228.5	1944.55	1/13/2012	126.69	1817.86
				4/11/2012	127.50	1817.05
				8/7/2012	128.42	1816.13
				10/9/2012	NM	NM
	Zone 3	231.5-242.5	1944.55	1/13/2012	126.68	1817.87
				4/11/2012	127.53	1817.02
				8/7/2012	128.43	1816.12
				10/9/2012	NM	NM
	QA-03	245.5-248.5	1944.55	1/13/2012	126.74	1817.81
				4/11/2012	127.55	1817.00
				8/7/2012	128.50	1816.05
				10/9/2012	NM	NM
	Zone 4	251.5-264.5	1944.55	1/13/2012	126.72	1817.83
				4/11/2012	127.58	1816.97
				8/7/2012	128.50	1816.05
				10/9/2012	129.82	1814.73
	QA-04	267.5-271.5	1944.55	1/13/2012	126.67	1817.88
				4/11/2012	127.54	1817.01
				8/7/2012	128.47	1816.08
				10/9/2012	NM	NM
	QA-05	274.5-278.5	1944.55	1/13/2012	126.63	1817.92
				4/11/2012	127.53	1817.02
				8/7/2012	128.45	1816.10
				10/9/2012	NM	NM

TABLE 3
WATER LEVEL DATA, 2012
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well	Port	Spacer Interval (feet BTOC)	Reference Point Elevation (feet above MSL)	Date	Depth to Water (feet BTOC)	Static Water Level Elevation (feet above MSL)
RD-31	Zone 5	281.5-289.5	1944.55	1/13/2012	126.71	1817.84
				4/11/2012	127.56	1816.99
				8/7/2012	128.46	1816.09
				10/9/2012	NM	NM
	QA-06	292.5-294.5	1944.55	1/13/2012	126.92	1817.63
				4/11/2012	127.72	1816.83
				8/7/2012	128.69	1815.86
				10/9/2012	NM	NM
	QA-07	297.5-304.5	1944.55	1/13/2012	126.86	1817.69
				4/11/2012	127.69	1816.86
				8/7/2012	128.64	1815.91
				10/9/2012	NM	NM
	QA-08	307.5-309.5	1944.55	1/13/2012	126.69	1817.86
				4/11/2012	127.57	1816.98
				8/7/2012	128.63	1815.92
				10/9/2012	NM	NM
	QA-09	312.5-319.5	1944.55	1/13/2012	126.75	1817.80
				4/11/2012	127.54	1817.01
				8/7/2012	128.51	1816.04
				10/9/2012	NM	NM
	Zone 6	322.5-335.5	1944.55	1/13/2012	126.86	1817.69
				4/11/2012	127.66	1816.89
				8/7/2012	128.63	1815.92
				10/9/2012	130.03	1814.52
	QA-10	338.5-350.5	1944.55	1/13/2012	126.94	1817.61
				4/11/2012	127.75	1816.80
				8/7/2012	128.72	1815.83
				10/9/2012	NM	NM
	QA-11	353.5-357.5	1944.55	1/13/2012	175.02	1769.53
				4/11/2012	175.11	1769.44
				8/7/2012	175.34	1769.21
				10/9/2012	NM	NM
	QA-12	360.5-369.5	1944.55	1/13/2012	174.94	1769.61
				4/11/2012	175.15	1769.40
				8/7/2012	175.38	1769.17
				10/9/2012	NM	NM
	Zone 7	372.5-386.5	1944.55	1/13/2012	175.04	1769.51
				4/11/2012	175.15	1769.40
				8/7/2012	175.40	1769.15
				10/9/2012	176.18	1768.37

TABLE 3
WATER LEVEL DATA, 2012
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well	Port	Spacer Interval (feet BTOC)	Reference Point Elevation (feet above MSL)	Date	Depth to Water (feet BTOC)	Static Water Level Elevation (feet above MSL)
RD-31	QA-13	389.5-392.5	1944.55	1/13/2012	174.99	1769.56
				4/11/2012	174.85	1769.70
				8/7/2012	174.25	1770.30
				10/9/2012	NM	NM
	Zone 8	395.5-404.5	1944.55	1/13/2012	175.13	1769.42
				4/11/2012	175.27	1769.28
				8/7/2012	175.52	1769.03
				10/9/2012	NM	NM
	QA-14	407.5-418.5	1944.55	1/13/2012	175.04	1769.51
				4/11/2012	175.11	1769.44
				8/7/2012	171.37	1773.18
				10/9/2012	NM	NM
	QA-15	421.5-428.5	1944.55	1/13/2012	175.22	1769.33
				4/11/2012	175.36	1769.19
				8/7/2012	175.55	1769.00
				10/9/2012	NM	NM
	QA-16	431.5-440.5	1944.55	1/13/2012	174.98	1769.57
				4/11/2012	175.19	1769.36
				8/7/2012	175.47	1769.08
				10/9/2012	NM	NM
	Zone 9	443.5-455.5	1944.55	1/13/2012	175.19	1769.36
				4/11/2012	175.26	1769.29
				8/7/2012	175.17	1769.38
				10/9/2012	176.52	1768.03
	QA-17	458.5-462.5	1944.55	1/13/2012	202.77	1741.78
				4/11/2012	201.96	1742.59
				8/7/2012	201.13	1743.42
				10/9/2012	201.28	1743.27
	Zone 10	465.5-475.5	1944.55	1/13/2012	213.59	1730.96
				4/11/2012	212.40	1732.15
				8/7/2012	211.93	1732.62
				10/9/2012	NM	NM
	QA-18	478.5-482.5	1944.55	1/13/2012	213.84	1730.71
				4/11/2012	212.66	1731.89
				8/7/2012	212.27	1732.28
				10/9/2012	NM	NM
	QA-19	485.5-490.5	1944.55	1/13/2012	213.87	1730.68
				4/11/2012	212.97	1731.58
				8/7/2012	212.35	1732.20
				10/9/2012	NM	NM

TABLE 3
WATER LEVEL DATA, 2012
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well	Port	Spacer Interval (feet BTOC)	Reference Point Elevation (feet above MSL)	Date	Depth to Water (feet BTOC)	Static Water Level Elevation (feet above MSL)
RD-31	QA-20	493.5-496.5	1944.55	1/13/2012	213.59	1730.96
				4/11/2012	212.48	1732.07
				8/7/2012	208.45	1736.10
				10/9/2012	NM	NM
	Zone 11	499.5-506.5	1944.55	1/13/2012	213.15	1731.40
				4/11/2012	212.23	1732.32
				8/7/2012	208.86	1735.69
				10/9/2012	213.26	1731.29
	QA-21	509.5-515.5	1944.55	1/13/2012	211.64	1732.91
				4/11/2012	211.48	1733.07
				8/7/2012	207.03	1737.52
				10/9/2012	NM	NM
	QA-22	518.5-520.5	1944.55	1/13/2012	216.51	1728.04
				4/11/2012	215.15	1729.40
				8/7/2012	215.01	1729.54
				10/9/2012	NM	NM
	Zone 12	523.5-536.5	1944.55	1/13/2012	216.76	1727.79
				4/11/2012	215.38	1729.17
				8/7/2012	213.49	1731.06
				10/9/2012	216.52	1728.03
RD-35C	Zone 1	408.2-420.2	1906.46	1/13/2012	88.86	1817.60
				8/7/2012	90.64	1815.82
	QA-01	423.2-429.2	1906.46	1/13/2012	88.71	1817.75
				8/7/2012	90.60	1815.86
	QA-02	432.2-438.2	1906.46	1/13/2012	88.83	1817.63
				8/7/2012	90.77	1815.69
	Zone 2	441.2-453.2	1906.46	1/13/2012	89.04	1817.42
				8/7/2012	90.86	1815.60
	QA-03	456.2-466.2	1906.46	1/13/2012	89.07	1817.39
				8/7/2012	91.26	1815.20
	QA-04	469.2-487.2	1906.46	1/13/2012	89.13	1817.33
				8/7/2012	91.07	1815.39
	QA-05	490.2-503.2	1906.46	1/13/2012	89.37	1817.09
				8/7/2012	91.14	1815.32
	QA-06	506.2-514.2	1906.46	1/13/2012	89.33	1817.13
				8/7/2012	91.53	1814.93
	Zone 3	517.2-533.2	1906.46	1/13/2012	89.49	1816.97
				8/7/2012	91.29	1815.17
	QA-07	536.2-544.2	1906.46	1/13/2012	89.65	1816.81
				8/7/2012	91.45	1815.01
	QA-08	547.2-561.2	1906.46	1/13/2012	89.62	1816.84
				8/7/2012	91.51	1814.95
	QA-09	564.2-576.2	1906.46	1/13/2012	89.87	1816.59
				8/7/2012	92.32	1814.14

TABLE 3
WATER LEVEL DATA, 2012
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well	Port	Spacer Interval (feet BTOC)	Reference Point Elevation (feet above MSL)	Date	Depth to Water (feet BTOC)	Static Water Level Elevation (feet above MSL)
RD-35C	Zone 4	579.2-590.2	1906.46	1/13/2012	89.92	1816.54
				8/7/2012	91.91	1814.55
	QA-10	593.2-600.2	1906.46	1/13/2012	90.15	1816.31
				8/7/2012	92.18	1814.28
	QA-11	603.2-607.2	1906.46	1/13/2012	90.44	1816.02
				8/7/2012	92.29	1814.17
	QA-12	610.2-619.2	1906.46	1/13/2012	93.82	1812.64
				8/7/2012	96.33	1810.13
	Zone 5	622.2-629.2	1906.46	1/13/2012	96.92	1809.54
				8/7/2012	98.81	1807.65
	QA-13	632.2-636.2	1906.46	1/13/2012	97.96	1808.50
				8/7/2012	99.65	1806.81
	QA-14	639.2-651.2	1906.46	1/13/2012	152.44	1754.02
				8/7/2012	154.05	1752.41
	QA-15	654.2-656.2	1906.46	1/13/2012	153.85	1752.61
				8/7/2012	155.17	1751.29
	Zone 6	659.2-673.2	1906.46	1/13/2012	153.87	1752.59
				8/7/2012	155.28	1751.18
	QA-16	676.2-684.2	1906.46	1/13/2012	154.19	1752.27
				8/7/2012	155.46	1751.00
	Zone 7	687.2-699.2	1906.46	1/13/2012	154.79	1751.67
				8/7/2012	157.09	1749.37
	QA-17	702.2-711.2	1906.46	1/13/2012	154.38	1752.08
				8/7/2012	155.74	1750.72
	QA-18	714.2-722.2	1906.46	1/13/2012	156.14	1750.32
				8/7/2012	157.82	1748.64
	QA-19	725.2-742.2	1906.46	1/13/2012	156.48	1749.98
				8/7/2012	158.19	1748.27
	Zone 8	745.2-759.2	1906.46	1/13/2012	160.01	1746.45
				8/7/2012	160.79	1745.67
	QA-20	762.2-770.2	1906.46	1/13/2012	238.92	1667.54
				8/7/2012	220.14	1686.32
	QA-21	773.2-781.2	1906.46	1/13/2012	308.40	1598.06
				8/7/2012	298.04	1608.42
	Zone 9	784.2-800.2	1906.46	1/13/2012	312.66	1593.80
				8/7/2012	303.00	1603.46
	QA-22	803.2-819.2	1906.46	1/13/2012	316.16	1590.30
				8/7/2012	314.92	1591.54
	QA-23	822.2-836.2	1906.46	1/13/2012	316.43	1590.03
				8/7/2012	315.30	1591.16
	Zone 10	839.2-851.2	1906.46	1/13/2012	316.96	1589.50
				8/7/2012	315.85	1590.61

TABLE 4
WELL RETROFITS AND CHANGES IN MEASURING POINT ELEVATIONS
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

MONITORING POINT ELEVATION CHANGES					
Well ID	**Date Surveyed**	**Retrofit Date**	**Previous Monitoring Point Elevation (ft MSL)**	**Elevation Change from Low-Flow Conversion (ft)**	**New Monitoring Point Elevation (ft MSL)***
ES-01	1/22/2001	6/30/2011	1782.20	0.50	1782.70
ES-14	1/22/2001	6/15/2011	1728.69	-0.84	1727.85
ES-17	1/22/2001	3/8/2010	1739.31	-0.07	1739.24
ES-26	12/4/1991	2/4/2010	1748.01	0.03	1748.04
ES-27	1/22/2001	3/8/2010	1740.67	-0.33	1740.34
ES-29	1/22/2001	6/15/2011	1760.47	0.59	1761.06
HAR-03	12/3/1991	3/23/2010	1875.48	-0.13	1875.35
HAR-05	12/3/1991	3/18/2010	1812.65	0.07	1812.72
HAR-07	12/3/1991	3/17/2010	1728.38	0.23	1728.61
HAR-08	12/3/1991	3/17/2010	1730.75	0.03	1730.78
HAR-09	5/1/2001	5/21/2010	1820.62	0.80	1821.42
HAR-11	5/1/2001	2/4/2010	1827.90	-0.12	1827.78
HAR-12	12/3/1991	5/21/2010	1796.73	0.50	1797.23
HAR-13	12/3/1991	3/30/2010	1801.18	-0.09	1801.09
HAR-14	12/3/1991	3/22/2010	1797.02	-0.11	1796.91
HAR-15	12/3/1991	2/4/2010	1809.69	-0.12	1809.57
HAR-16	12/3/1991	4/26/2010	1872.31	0.30	1872.61
HAR-19	5/1/2001	3/29/2010	1833.42	0.33	1833.75
HAR-20	5/1/2001	3/17/2010	1830.47	0.18	1830.65
HAR-21	12/3/1991	2/4/2010	1821.30	0.12	1821.42
HAR-23	12/3/1991	3/18/2010	1805.87	0.26	1806.13
HAR-25	12/3/1991	3/16/2010	1889.75	0.25	1890.00
HAR-26	4/30/2001	4/26/2010	1763.23	0.23	1763.46
HAR-27	5/1/2001	3/22/2010	1719.39	-0.11	1719.28
HAR-28	12/3/1991	3/22/2010	1720.17	-0.11	1720.06
HAR-29	2/2/1996	3/22/2010	1724.13	-0.09	1724.04
HAR-30	12/3/1991	5/21/2010	1806.47	0.58	1807.05
HAR-31	12/3/1991	3/22/2010	1812.45	-0.13	1812.32
HAR-32	1/22/2001	3/23/2010	1736.58	-0.09	1736.49
HAR-33	12/4/1991	3/23/2010	1744.66	-0.10	1744.56
RD-01	12/3/1991	12/6/2010	1935.89	-0.01	1935.88
RD-02	1/14/2010	12/7/2010	1873.92	-0.03	1873.89
RD-03	12/3/1991	4/20/2010	1743.50	0.03	1743.53
RD-05A	2/17/1993	3/15/2010	1704.66	0.12	1704.78
RD-05B	6/2/1993	4/26/2010	1705.89	0.30	1706.19
RD-05C	8/3/1984	3/15/2010	1705.25	0.02	1705.27
RD-06	12/3/1991	4/22/2010	1617.21	0.01	1617.22
RD-08	4/30/2001	3/30/2010	1763.38	0.32	1763.70
RD-09	5/2/2001	6/28/2011	1768.20	0.06	1768.26
RD-10	12/3/1991	8/16/2011	1904.43	0.05	1904.48
RD-11	4/30/2001	2/4/2010	1762.65	0.19	1762.84
RD-13	12/3/1991	6/28/2011	1840.27	-0.26	1840.01
RD-14	12/3/1991	6/27/2011	1824.29	-0.11	1824.18
RD-18	12/3/1991	6/28/2011	1839.49	0.02	1839.51
RD-19	12/3/1991	6/27/2011	1853.13	0.03	1853.16
RD-20	12/3/1991	6/28/2011	1819.72	-0.20	1819.52
RD-32	2/9/1994	1/25/2011	1808.47	-0.50	1808.15
RD-33B	9/27/1991	6/29/2011	1793.21	0.51	1793.72
RD-33C	9/21/1991	6/29/2011	1793.54	0.07	1793.61
RD-34A	7/25/1991	6/29/2011	1761.83	0.08	1761.91
RD-34C	8/10/1991	6/29/2011	1762.60	0.19	1762.79

TABLE 4
WELL RETROFITS AND CHANGES IN MEASURING POINT ELEVATIONS
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

MONITORING POINT ELEVATION CHANGES (continued)					
Well ID	**Date Surveyed**	**Retrofit Date**	**Previous Monitoring Point Elevation (ft MSL)**	**Elevation Change from Low-Flow Conversion (ft)**	**New Monitoring Point Elevation (ft MSL)***
RD-35A	8/1/1998	6/16/2011	1908.62	-0.70	1907.92
RD-35B	1/18/1999	6/30/2011	1905.65	-0.11	1905.54
RD-36B	8/1/1998	3/10/2010	1915.26	0.28	1915.54
RD-36C	12/14/2010	3/9/2010	1913.82	-0.02	1913.80
RD-36D	8/1/1998	3/9/2010	1920.08	0.15	1920.23
RD-37	1/28/1994	2/4/2010	1870.01	-0.40	1869.61
RD-38A	2/1/1999	3/9/2010	1879.47	0.15	1879.62
RD-38B	12/15/1998	4/29/2010	1881.45	-0.49	1880.96
RD-39A	2/2/1994	3/10/2010	1960.23	0.30	1960.53
RD-39B	8/1/1998	3/16/2010	1959.48	0.25	1959.73
RD-40	1/8/1993	6/27/2011	1972.02	0.20	1972.22
RD-41A	5/1/2001	3/18/2010	1774.48	0.13	1774.61
RD-41B	5/1/2001	11/29/2010	1774.71	0.23	1774.94
RD-42	1/9/1993	6/27/2011	1945.46	0.02	1945.48
RD-43A	9/9/1994	3/24/2010	1680.16	0.50	1680.66
RD-43B	10/25/1994	4/29/2010	1680.21	-0.10	1680.11
RD-43C	10/10/1994	3/9/2010	1679.31	0.80	1680.11
RD-44	3/13/1993	1/25/2011	2035.92	0.12	2036.04
RD-45B	9/11/1994	5/4/2010	1840.09	-0.08	1840.01
RD-45C	8/26/1994	5/3/2010	1835.74	0.59	1836.33
RD-46A	2/1/1999	3/16/2010	1806.13	0.12	1806.25
RD-46B	12/19/1998	3/16/2010	1807.19	-0.26	1806.93
RD-48A	3/15/1993	3/15/2010	1736.54	0.07	1736.61
RD-48B	5/26/1993	3/29/2010	1735.40	0.33	1735.73
RD-48C	5/16/1993	4/28/2010	1734.95	0.15	1735.10
RD-49B	5/1/2001	4/29/2010	1867.95	0.16	1868.11
RD-49C	12/14/2010	7/14/2010	1869.45	0.18	1869.63
RD-51A	7/11/1991	3/29/2010	1832.51	0.33	1832.84
RD-51B	7/11/1991	4/30/2010	1832.68	0.08	1832.76
RD-51C	7/9/1991	7/13/2010	1831.65	-0.09	1831.56
RD-52A	1/25/1993	3/16/2010	1755.09	0.08	1755.17
RD-52B	12/6/1993	2/10/2010	1712.15	0.00	1712.15
RD-52C	11/29/1993	3/17/2010	1712.83	0.32	1713.15
RD-53	12/3/1991	3/17/2010	1909.19	0.14	1909.33
RD-55A	5/1/2001	3/8/2010	1756.87	-1.09	1755.78
RD-55B	4/19/1993	3/8/2010	1757.19	-0.04	1757.15
RD-56A	3/8/1994	6/16/2011	1758.62	0.80	1759.42
RD-56B	7/24/1997	6/23/2011	1761.83	0.00	1761.83
RD-58A	2/1/1993	2/4/2010	1756.11	-0.09	1756.02
RD-58B	8/28/1994	3/11/2010	1761.34	0.13	1761.47
RD-58C	8/9/1994	3/11/2010	1759.59	-0.40	1759.19
RD-59A	5/19/1994	6/30/2011	1340.50	0.09	1340.59
RD-60	1/21/1993	6/15/2011	1870.40	-0.52	1869.88
RD-61	1/1/2004	1/19/2011	1845.87	-0.13	1845.74
RD-62	5/6/1994	1/21/2011	1837.20	0.07	1837.27
RD-63	5/10/1994	6/28/2011	1764.85	-0.02	1764.83
RD-66	7/28/1997	1/18/2011	1730.79	0.27	1731.06
RD-67	9/19/1997	1/19/2011	1901.71	-0.05	1901.66
RD-69	6/16/1997	1/20/2011	1831.28	-0.05	1831.23
RD-70	12/14/2010	12/10/2010	1732.26	0.18	1732.44
RD-71	7/27/1997	12/1/2010	1740.02	0.00	1740.02

TABLE 4
WELL RETROFITS AND CHANGES IN MEASURING POINT ELEVATIONS
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

MONITORING POINT ELEVATION CHANGES (continued)					
Well ID	**Date Surveyed**	**Retrofit Date**	**Previous Monitoring Point Elevation (ft MSL)**	**Elevation Change from Low-Flow Conversion (ft)**	**New Monitoring Point Elevation (ft MSL)***
RD-75	12/14/2010	12/7/2010	1613.30	-0.23	1613.07
RD-76	12/3/2003	1/19/2011	1772.27	0.11	1772.38
RD-77	1/16/2004	3/10/2010	1918.48	0.12	1918.60
RD-78	1/16/2004	12/1/2010	1819.84	-0.26	1819.58
RD-81	6/14/2004	6/17/2011	1705.77	0.29	1706.06
RD-82	6/9/2004	1/20/2011	1676.73	-0.02	1676.71
RD-83	6/16/2004	1/20/2011	1661.18	-0.28	1660.90
RD-85	8/24/2004	6/27/2011	1849.09	0.27	1849.36
RD-86	8/24/2004	6/27/2011	1830.51	-0.15	1832.16
RD-96	6/19/2006	6/29/2011	1805.14	0.35	1805.49
RS-08	2/2/1996	3/22/2010	1821.57	-0.11	1821.46
WS-04A	12/3/1991	7/14/2010	1749.77	1.17	1750.94
POSSIBLE ERRORS IN MONITORING POINT ELEVATIONS					
Well ID	**Date Surveyed**	**Retrofit Date**	**Previous Monitoring Point Elevation (ft MSL)**	**Elevation Change from Low-Flow Conversion (ft)**	
HAR-01	12/3/1991	3/26/2010	1874.13	Measured 0.07, however this is not accurate because pump pulled previously and DTW measured at top of casing	
HAR-04	12/3/1991	3/23/2010	1873.4	Measured 1.22, however this is not accurate because pump pulled previously (top of casing)	
RD-12	4/30/2001	3/18/2010	1762.62	Measured -0.33, however this is not accurate because pump pulled previously and DTW measured at top of casing	
RD-36A	8/1/1998	3/25/2010	1913.09	Measured 0.00, however this is not accurate because pump pulled previously and DTW measured at top of casing	
RD-45A	5/1/2001	8/13/2010	1841.59	Measured 0.02, however the change in MPE cannot be calculated because pump pulled previously and DTW measured at top of casing	
RD-49A	5/1/2001	3/18/2010	1867.25	Measured 0.25, however this is not accurate because pump pulled previously and DTW measured at top of casing	
WELLS AWAITING RETROFITTING					
Well ID	**Date Surveyed**	**Proposed Retrofit Date**	**Previous Monitoring Point Elevation (ft MSL)**	**Elevation Change from Low-Flow Conversion (ft)**	**New Monitoring Point Elevation (ft MSL)***
RD-34B	8/11/1991	pending	1762.51	not retrofitted yet	

NOTES AND ABBREVIATIONS

* - not surveyed
ft - foot
ft MSL - feet above mean sea level

TABLE 5
GROUNDWATER FIELD PARAMETER DATA, 2012
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well Identifier	Date	Temperature (° C)	Conductivity (umhos)	pH	Dissolved Oxygen (mg/L)	Oxidation Reduction Potential (mV)	Turbidity (NTU)
ES-01	2/9/2012	20.44	1.000	7.00	1.08	-148	1
	7/30/2012	20.05	0.837	6.76	2.02	221	3
ES-17	2/3/2012	19.06	0.973	7.05	3.19	5.3	15.2
	8/7/2012	22.15	0.899	6.92	1.50	-85	62
ES-24	1/24/2012	18.86	1.235	7.04	3.63	-143	53.8
	8/8/2012	27.87	1.199	7.63	3.13	-115	154
ES-26	2/15/2012	16.27	1.178	7.45	1.99	-231	5.6
	8/2/2012	23.1	1.229	7.33	1.25	-298	1.6
ES-27	2/1/2012	19.26	1.194	7.22	2.57	140	15
	8/7/2012	25.01	1.099	6.31	2.02	-97	540
ES-28	2/10/2012	19.03	0.807	7.00	4.76	-101	410
	7/31/2012	22.11	0.909	7.15	2.40	60	13
ES-29	1/24/2012	21.57	0.988	7.02	2.55	54	12.3
	7/31/2012	23.37	1.028	7.21	0.86	28	14.7
HAR-01	2/8/2012	20.18	1.021	6.74	5.27	83	4.2
	8/3/2012	20.79	1.195	6.30	5.54	-19	0
HAR-05	2/10/2012	16.38	0.615	6.90	2.61	-136	4.4
	7/24/2012	20.7	0.573	7.16	0.22	-129	1.3
HAR-06	2/13/2012	18.87	1.249	7.06	0.49	-189	5.7
	7/25/2012	19.65	1.325	7.05	2.84	-118	98
HAR-07	1/31/2012	12.66	0.707	6.90	5.63	-100	1.6
	7/26/2012	19.54	0.683	7.14	3.36	100	32
HAR-08	1/27/2012	18.01	1.013	6.97	0.54	86	16
	7/27/2012	19.57	1.047	7.13	1.52	-57	24
HAR-09	1/25/2012	16.61	1.640	6.72	1.51	-140	15.5
	7/16/2012	17.99	1.920	6.83	0.71	-114	10
HAR-11	2/7/2012	16.4	2.580	6.40	1.58	-118	13.8
	7/26/2012	23.29	1.930	6.39	2.54	-86	0
HAR-12	2/9/2012	18.21	0.891	6.71	2.18	103	12.2
	7/16/2012	18.85	0.694	6.59	0.83	-173	1.2
HAR-13	2/9/2012	21.32	0.423	6.45	2.44	57	23.6
	7/16/2012	23.04	0.359	6.51	3.88	-128	2.6
HAR-14	2/9/2012	15.79	0.710	6.79	2.95	118	12.5
	7/16/2012	18.62	0.613	6.88	2.87	-132	1.2
HAR-15	1/24/2012	10.89	0.690	6.61	1.17	-13	82
	7/24/2012	19.33	0.789	6.32	2.17	61	13
HAR-16	1/23/2012	17.22	0.450	6.54	3.41	191	16
	7/23/2012	20.13	0.451	6.01	4.53	3	7.4
HAR-17	1/26/2012	18.43	1.333	7.42	9.49	-180	57.4
	7/23/2012	18.7	1.312	7.12	1.60	-108	9

TABLE 5
GROUNDWATER FIELD PARAMETER DATA, 2012
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well Identifier	Date	Temperature (° C)	Conductivity (umhos)	pH	Dissolved Oxygen (mg/L)	Oxidation Reduction Potential (mV)	Turbidity (NTU)
HAR-18	1/26/2012	20.55	0.993	6.81	1.44	-73	10.1
	7/23/2012	20.7	0.957	6.84	1.68	-15	14
HAR-19	2/1/2012	17.98	1.433	6.94	1.23	178	3
	7/26/2012	18.6	1.403	6.60	1.76	-54	0
HAR-20	1/23/2012	13.78	1.423	7.12	3.60	62	10.8
	7/23/2012	20.31	1.540	7.33	1.36	-10	43
HAR-21	1/25/2012	18.41	1.520	7.01	1.24	-192	17.7
	7/16/2012	19.96	1.540	7.25	0.29	-172	12
HAR-22	2/13/2012	18.83	0.094	7.14	1.98	-106	25.7
	7/23/2012	19.35	0.955	7.07	3.57	-86	152
HAR-23	2/10/2012	17.44	1.138	6.72	2.00	143	48.7
	7/24/2012	21.93	0.870	6.83	1.33	-10	25
HAR-24	1/24/2012	20.13	0.667	6.30	2.78	-114	116
	8/1/2012	20.02	0.698	6.47	1.98	-69	117
HAR-25	2/10/2012	20.98	0.523	6.99	4.00	-139	1.6
	8/1/2012	23.46	0.625	6.32	4.56	-4	0
HAR-26	2/9/2012	18.02	0.877	7.14	3.30	31	21.6
	7/31/2012	27.42	0.980	8.04	0.67	-176	0
HAR-27	1/27/2012	18.59	1.400	6.84	0.34	-189	1.2
	7/27/2012	20.28	1.333	6.58	0.78	-142	0.3
HAR-28	1/27/2012	16.32	1.185	6.67	1.87	-103	0
	7/27/2012	17.46	1.163	6.43	3.11	-29	0
HAR-29	1/27/2012	18.81	1.071	6.98	0.33	156	13
	7/27/2012	19.85	1.092	7.28	3.54	42	33
HAR-30	2/7/2012	15.5	1.102	6.90	4.45	-107	3
	7/24/2012	18.47	1.114	6.67	0.34	47	6.8
HAR-31	1/24/2012	18.34	0.722	6.95	1.11	96	10
	7/25/2012	25.7	0.736	7.01	1.96	33	45
HAR-32	2/14/2012	17.08	1.256	6.95	1.61	-68	19.8
	8/8/2012	30.57	0.983	7.05	1.57	108	3
HAR-33	2/15/2012	13.61	1.530	7.09	6.53	98	12.2
	8/8/2012	25.71	1.230	7.16	5.37	180	3
OS-02	1/11/2012	16.46	0.798	7.34	5.84	192	13.6
OS-03	1/11/2012	18.18	0.771	6.77	3.95	-85	10.6
OS-04	1/11/2012	16.47	1.020	6.70	4.28	-109	44.5
OS-09	1/11/2012	17.57	0.864	7.31	3.11	-228	4.4
OS-09R	1/13/2012	16.73	0.909	9.13	3.04	-235	12
OS-16	1/30/2012	11.25	1.099	6.92	3.00	-168	1.4
OS-25	2/8/2012	19.98	2.030	6.86	1.28	-188	133
OS-26	2/8/2012	19.73	1.540	6.99	0.58	-167	39.4
	7/30/2012	20.85	0.815	7.28	0.82	-102	8

TABLE 5
GROUNDWATER FIELD PARAMETER DATA, 2012
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well Identifier	Date	Temperature (° C)	Conductivity (umhos)	pH	Dissolved Oxygen (mg/L)	Oxidation Reduction Potential (mV)	Turbidity (NTU)
PZ-015G	2/8/2012	19.77	1.297	7.15	3.87	96	66.5
PZ-017A	7/11/2012	24.84	0.762	6.70	1.18	34	59
PZ-017B	2/16/2012	13.18	1.019	6.71	1.61	-157	439
	7/11/2012	24.97	0.923	6.60	0.75	8	59.1
PZ-024	2/7/2012	17.11	5.450	6.74	0.66	-168	14.5
PZ-025	2/7/2012	17.05	1.235	7.40	3.75	-124	15.3
	7/31/2012	25.75	1.468	7.15	3.60	-52	14.9
PZ-027	2/8/2012	18.33	1.167	7.07	0.52	-136	10.8
	7/30/2012	21.43	1.349	6.79	4.86	-43	8.8
PZ-030	2/8/2012	18.48	3.290	6.84	0.75	-160	8.7
	8/3/2012	19.68	2.938	6.83	1.48	-31	132
PZ-047	2/16/2012	15.8	0.883	7.33	5.30	151	3
	7/11/2012	25.83	0.844	7.25	2.10	117	11
PZ-048	2/16/2012	16.66	1.315	6.69	1.63	-54	3
	7/11/2012	24.29	1.285	6.68	2.38	-22	28.3
PZ-058	2/10/2012	17.04	3.260	6.59	1.61	-186	151
	7/24/2012	23.98	2.550	6.95	1.70	-154	>1000
PZ-060	1/13/2012	17.29	7.670	4.27	2.06	-103	175
	7/26/2012	27.87	1.440	7.07	2.07	-74	2000
PZ-076	2/1/2012	20.82	1.133	7.27	2.10	-140	5
	7/30/2012	25.79	0.935	7.31	1.97	86	5999
PZ-079	2/9/2012	19.94	1.120	6.68	3.08	-97	698
	7/30/2012	23.56	0.895	6.61	0.58	31	5999
PZ-084	2/3/2012	15.68	0.414	6.03	2.42	-148	27.5
	7/17/2012	23.53	0.523	6.12	2.36	-88	25.9
PZ-087B	2/2/2012	20.63	1.037	6.95	4.59	16	73.5
	7/17/2012	18.73	1.046	6.74	4.89	-106	193
PZ-108	1/31/2012	19.92	1.030	7.27	1.98	-174	9.5
PZ-126	2/16/2012	15.18	0.809	7.02	0.59	45	3
	7/11/2012	27.21	0.908	6.95	1.10	-47	40.8
PZ-139	1/30/2012	18.52	1.042	6.26	1.86	-58	99
	7/18/2012	22.91	0.997	6.26	3.36	17	98.7
PZ-140	1/30/2012	18.28	1.158	6.78	0.35	-110	52
	7/19/2012	23.65	1.088	6.80	5.55	-43	620
PZ-141	1/12/2012	19.14	1.456	7.53	1.28	-109	2000
	7/19/2012	24.15	1.449	7.23	2.53	-122	67.5
PZ-144	8/2/2012	23.21	0.581	6.70	6.34	-41	18.4
PZ-158	1/20/2012	17.9	1.580	7.09	0.89	-190	14.3
PZ-159	2/7/2012	14.37	0.720	6.78	2.27	140	260
	8/8/2012	24.21	1.360	6.96	2.50	-184	764
PZ-161	1/18/2012	15.83	2.390	6.77	2.16	-101	7.2

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GROUNDWATER FIELD PARAMETER DATA, 2012
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well Identifier	Date	Temperature (° C)	Conductivity (umhos)	pH	Dissolved Oxygen (mg/L)	Oxidation Reduction Potential (mV)	Turbidity (NTU)
RD-01	1/31/2012	18.05	0.780	6.89	2.87	-16	15.8
	7/17/2012	22.11	0.777	7.22	1.63	12	14
RD-02	2/2/2012	19.48	1.246	6.78	0.93	-95	19.3
	7/17/2012	19.42	1.288	6.90	0.78	-78	144
RD-03	1/13/2012	19.69	0.922	7.18	1.55	-159	4
	7/20/2012	20.56	0.913	7.11	0.09	-99	3
RD-05A	1/25/2012	18.68	1.125	7.49	0.17	-33	43
	7/17/2012	19.15	1.145	6.86	0.28	-14	37
RD-05B	1/25/2012	17.91	0.617	9.69	0.45	-212	21
	7/17/2012	18.23	0.609	9.42	1.03	-198	15
RD-05C	1/25/2012	18.48	1.092	7.93	0.18	-190	105
	7/17/2012	21.39	0.957	7.98	3.45	11	74
RD-06	1/31/2012	18.1	1.364	7.24	0.06	-199	3
	7/20/2012	18.28	1.348	7.03	0.17	-175	6
RD-07	1/25/2012	23.32	0.002	6.05	1.29	170	13
RD-08	2/9/2012	20.98	0.819	7.47	1.76	75	3.7
	7/30/2012	23.43	0.886	8.55	0.67	-195	1.4
RD-09	2/8/2012	23.32	0.911	6.80	1	-62	48.3
	8/6/2012	25.27	1.007	6.86	0.66	-124	3
RD-10	1/17/2012	20.39	1.033	6.78	1.01	-79	38.7
	9/11/2012	20.71	1.027	6.90	0.74	-123	8
RD-100	1/13/2012	18.79	2.000	6.98	5.80	234	2
	7/20/2012	25.22	1.960	6.96	2.99	-126	27.4
RD-102	1/20/2012	15.5	1.174	6.85	4.25	83	114
RD-104	2/1/2012	18.69	0.945	6.86	1.64	-183	54.7
RD-11	1/26/2012	19.49	1.028	8.09	0.57	-271	8.3
	8/3/2012	19.98	0.980	8.13	0.29	-241	9.8
RD-12	1/26/2012	19.63	1.117	7.53	0.62	-208	16.7
	8/3/2012	20.65	1.085	7.76	0.38	-35	12
RD-13	1/17/2012	15.14	0.662	7.42	1.20	76	30
RD-14	1/18/2012	17.78	0.782	7.19	0.87	-158	14.3
RD-18	1/18/2012	16.92	0.556	7.54	2.31	-170	9.4
RD-19	1/18/2012	19.99	1.550	6.80	0.60	48	22.5
RD-20	1/17/2012	16.38	1.590	7.34	2.26	102	24
RD-26	1/30/2012	21.88	0.919	7.02	1.10	-148	0
	8/6/2012	22.12	0.901	6.95	1.03	46	4
RD-31	1/13/2012	18.36	0.673	7.81	4.51	120	15
	8/7/2012	25.35	0.683	7.04	4.01	12	7
RD-32	1/30/2012	18.14	0.928	7.15	0.75	-190	0
	8/2/2012	21.48	0.271	6.89	0.73	-171	15
RD-33A	2/1/2012	15.35	0.569	7.27	2.84	25	25.6

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GROUNDWATER FIELD PARAMETER DATA, 2012
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well Identifier	Date	Temperature (° C)	Conductivity (umhos)	pH	Dissolved Oxygen (mg/L)	Oxidation Reduction Potential (mV)	Turbidity (NTU)
RD-33B	1/19/2012	17.2	0.779	7.45	2.65	-99	21.3
RD-33C	1/19/2012	19.45	0.455	8.17	0.50	-204	34.8
RD-34A	1/19/2012	17.57	1.305	6.71	0.53	-155	7.4
RD-34C	1/19/2012	17.11	0.550	7.41	0.38	-241	15.8
RD-35A	1/24/2012	19.77	1.311	6.66	3.09	6	477
	8/6/2012	24.18	1.373	6.70	2.18	278	21.3
RD-35B	1/24/2012	19.67	0.310	8.39	1.54	-254	14.3
	8/6/2012	31.17	0.327	8.58	0.85	-156	20.2
RD-35C	1/13/2012	21.41	7.520	12.26	5.28	-144	38
	8/7/2012	24.21	7.420	12.34	3.74	-149	4
RD-36B	2/3/2012	15.66	0.355	6.36	2.7	-70	0.7
	8/6/2012	20.43	0.371	6.67	2.35	50	33
RD-36C	2/6/2012	14.8	1.399	5.90	2.68	-77	2.9
	8/6/2012	22.91	1.640	6.07	0.69	81	116
RD-36D	2/3/2012	17.72	0.410	8.70	3.00	-134	1.5
	8/6/2012	24.93	0.401	7.57	3.47	-47	1
RD-37	2/6/2012	17.74	1.329	7.59	3.63	-94	0.5
	8/8/2012	19.72	1.710	6.78	1.35	-121	2.4
RD-38B	2/2/2012	20.09	0.808	7.30	0.06	-225	1.6
	8/7/2012	21.09	0.848	7.22	1.94	-58	59.4
RD-39B	2/9/2012	18	0.377	8.25	0.50	-245	2.7
	8/7/2012	19.74	0.398	8.34	1.61	-77	3.5
RD-40	2/16/2012	16.44	0.470	6.93	3.11	-69	13.7
	7/11/2012	25.09	0.948	6.24	1.34	135	23
RD-41A	1/27/2012	17.33	1.225	6.72	3.30	-37	26.7
RD-41B	1/27/2012	17.7	0.746	7.44	2.47	-188	37.6
	7/27/2012	19.2	0.755	7.54	1.44	-167	9.4
RD-41C	1/27/2012	15.83	0.480	8.11	4.94	-177	52
	7/27/2012	20.44	0.660	7.25	2.52	-144	23.9
RD-42	2/16/2012	17.7	0.678	6.97	3.58	-52	10.5
	7/11/2012	19.58	0.678	6.34	3.50	163	10.2
RD-43A	1/20/2012	18.44	0.866	6.80	0.46	303	8
	8/1/2012	23.57	0.410	7.05	2.17	-7	14
RD-43B	1/20/2012	20.7	0.863	7.07	1.36	-103	10
	8/1/2012	20.87	0.275	6.87	0.77	-146	38
RD-43C	1/20/2012	19.08	0.915	6.90	0.55	-115	7
	8/1/2012	22.89	0.167	7.64	1.71	-156	19
RD-44	2/2/2012	18.99	1.422	6.94	0.66	-8	8
	8/1/2012	21.44	1.419	7.04	1.90	-81	4.9
RD-45A	2/14/2012	18.38	1.520	6.73	0.52	101	14
	7/25/2012	19.9	1.421	6.84	2.58	-33	8.8

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SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

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RD-45B	2/14/2012	21.74	1.014	7.20	0.10	-124	1
	7/25/2012	20.88	1.052	7.40	1.82	-139	8.8
RD-45C	2/14/2012	22.37	0.567	7.53	0.10	-181	2
	7/25/2012	21.9	0.562	7.65	0.46	-172	9.2
RD-46A	2/1/2012	16.88	1.140	6.90	2.25	-136	2.4
	7/20/2012	21.81	1.139	6.54	3.35	-40	0.7
RD-46B	2/1/2012	21.04	0.395	9.45	0.39	-262	39
	7/20/2012	26.39	0.402	7.19	1.08	-186	4.8
RD-48A	7/31/2012	22.19	0.222	6.70	0.97	-74	47
RD-48B	1/26/2012	20.95	1.284	7.65	0.68	-165	21
	7/31/2012	23.75	0.265	7.33	0.80	-177	18
RD-48C	1/26/2012	21.71	1.126	7.39	0.04	-145	8
	7/31/2012	21.38	1.135	6.92	1.91	-127	26
RD-49A	2/13/2012	16.97	2.390	6.98	2.74	-156	16.1
	7/26/2012	20.32	1.851	7.00	0.31	-124	8.5
RD-49B	2/13/2012	19.58	1.458	6.98	0.78	-221	28.7
	7/26/2012	20.25	1.177	7.09	1	-131	6.5
RD-49C	2/13/2012	19.53	1.084	7.02	0.97	-252	22.1
	7/26/2012	21.13	0.819	7.16	0.32	-159	8.3
RD-50	1/26/2012	16.64	0.676	6.86	6.12	140	11.1
RD-51A	2/3/2012	18.85	1.426	7.07	2.33	102	19
	7/18/2012	20.83	1.390	6.87	1.40	-52	1
RD-51B	2/3/2012	20.9	0.986	7.28	0.03	-128	5
	7/18/2012	21.08	1.008	7.15	0.40	-120	10
RD-51C	2/6/2012	20.88	1.023	7.33	0.21	-104	111
	7/18/2012	21.08	1.044	7.28	0.32	-119	7
RD-52A	2/6/2012	20.81	1.382	6.70	1.13	-70	15.7
	7/19/2012	25.43	1.103	6.50	0.42	20	1
RD-52B	2/6/2012	17.69	1.640	7.13	0.95	-270	113
	7/19/2012	18.52	1.237	6.82	0.04	-132	2
RD-52C	2/6/2012	14.04	1.118	7.37	3.43	-167	28.6
	7/19/2012	21.29	1.103	7.00	0.36	-114	5
RD-53	2/6/2012	18.18	0.893	6.90	1.87	75	21.8
	8/2/2012	20.94	0.909	7.03	1.88	59	5.9
RD-54A	1/26/2012	21.26	0.698	7.04	7.98	-36	11.3
RD-55A	2/14/2012	16.78	0.880	7.24	7.07	-66	27.9
	7/25/2012	27.25	0.890	6.77	4.25	-47	0
RD-55B	2/14/2012	16.15	0.387	7.20	1.45	-156	19.4
	7/25/2012	18.64	0.383	6.85	1.20	-148	11.1
RD-56A	1/17/2012	16.39	0.918	7.13	6.20	-67	4.3
	7/23/2012	24.14	0.934	6.98	4.69	-77	50

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SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

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RD-56B	1/17/2012	17.02	0.658	7.45	0.72	-271	5999
	7/23/2012	22.75	0.560	7.34	1.80	-160	>1000
RD-57	1/27/2012	16.66	0.583	6.77	5.60	142	15.6
RD-58A	1/24/2012	18.01	1.409	6.97	4.6	-119	7.8
	7/18/2012	18.74	1.367	6.87	2.24	144	12
RD-58B	1/24/2012	17.69	0.851	7.52	1.10	-190	11
	7/18/2012	25.08	0.721	7.97	3.60	21	44
RD-58C	1/24/2012	18.54	0.606	7.87	3.31	-225	15.6
	7/18/2012	20.45	0.627	7.99	1.34	-232	10
RD-59A	1/12/2012	16.67	0.985	7.06	1.03	14	4
RD-59B	1/12/2012	17.8	0.780	7.43	1.30	-139	6
RD-59C	1/12/2012	17.98	0.811	7.68	1.86	-119	5
RD-60	1/19/2012	16.65	2.330	6.93	2.64	137	41.4
	7/23/2012	21.67	2.460	6.88	1.08	-80	1.4
RD-61	2/2/2012	20.08	0.759	6.75	1.24	-17	272
	8/1/2012	19.83	0.831	6.90	1.56	-80	17.9
RD-62	1/26/2012	19.56	0.661	7.39	1.95	-34	17
	8/1/2012	22.07	0.775	7.25	0.90	-24	5.7
RD-63	1/19/2012	22.72	1.072	6.81	1.17	32	51.6
RD-66	2/2/2012	18.5	0.970	6.90	2.35	-128	1
	8/2/2012	24.11	0.303	6.74	2.97	30	19
RD-67	1/25/2012	19.77	0.974	6.95	0.39	-185	10.5
	7/20/2012	20.45	0.911	6.89	1.77	-92	1
RD-68A	1/12/2012	15.63	0.573	8.19	2.21	-228	6
	7/16/2012	21.85	0.753	7.53	3.97	-183	27
RD-68B	1/12/2012	17.88	0.849	7.19	1.71	-158	16
	7/16/2012	19.13	0.847	7.44	6.16	-105	21
RD-69	2/7/2012	18.11	1.033	7.00	0.71	-87	90.8
	7/30/2012	21.55	1.045	6.97	1.15	-141	7.5
RD-70	1/30/2012	18.11	1.052	7.30	0.19	-212	10
	8/6/2012	19.11	1.039	7.08	0.10	-94	3
RD-71	2/2/2012	17.52	0.810	7.18	1.05	-197	3
	8/2/2012	23.76	0.265	6.95	2.80	-147	22
RD-72	1/27/2012	20.33	0.899	6.98	2.50	-108	43.4
	7/16/2012	20.37	0.906	7.36	3.01	-100	22.6
RD-73	2/15/2012	20.11	0.985	6.44	0.08	80	2.67
	8/3/2012	20.62	0.335	7.04	1.99	-83	104
RD-75	1/18/2012	20.82	1.490	7.08	0.06	-42	8
	7/17/2012	20.75	1.474	7.03	1.60	-114	27
RD-76	1/18/2012	18.69	1.487	6.98	0.47	-34	12
	7/17/2012	20.37	1.471	7.08	1.35	-99	21

TABLE 5
GROUNDWATER FIELD PARAMETER DATA, 2012
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well Identifier	Date	Temperature (° C)	Conductivity (umhos)	pH	Dissolved Oxygen (mg/L)	Oxidation Reduction Potential (mV)	Turbidity (NTU)
RD-77	2/15/2012	18.39	0.645	6.64	1.52	168	5
	8/3/2012	20.48	0.770	6.63	2.22	-94	0
RD-78	2/10/2012	17.9	1.560	6.96	1.67	-106	5.5
	8/8/2012	30.89	1.610	7.19	3.72	36	6.4
RD-80	2/7/2012	18.43	1.480	6.76	4.67	-109	25.2
	7/30/2012	18.9	1.525	6.84	0.28	-128	25.4
RD-81	2/7/2012	15.19	1.590	6.55	4.70	25	14.3
	8/3/2012	18.57	0.457	6.68	0.75	-21	21
RD-83	2/7/2012	15.96	1.278	6.91	1.66	-26	14.6
	7/31/2012	24.88	1.025	7.15	0.57	20	9.5
RD-84	2/8/2012	19.89	1.085	6.92	1.48	-112	25
	8/2/2012	19.68	1.082	7.00	1.02	71	7.5
RD-85	1/18/2012	16.57	1.450	6.80	3.63	45	6.1
RD-86	1/17/2012	17.67	0.926	6.22	1.22	215	7.5
RD-96	1/17/2012	17.93	0.988	6.73	2.45	136	4.4
RD-98	1/20/2012	13.97	0.751	6.96	2.69	-77	27.9
RD-99	1/20/2012	16.95	0.989	6.77	3.97	70	5.6
	7/20/2012	22.83	1.441	6.96	3.35	-63	235
RS-11	1/23/2012	19.22	2.110	6.83	4.32	52	2000
RS-15	1/23/2012	17.44	0.922	7.07	3.97	94	92.1
RS-32	8/2/2012	20.1	1.165	6.78	1.65	-112	10.8
RS-33	1/31/2012	17.71	1.266	6.86	1.27	142	15.4
RS-34	2/7/2012	17.81	1.440	7.00	2.95	-114	24.3
	7/31/2012	20.02	1.447	6.95	0.72	52	10
RS-36	1/23/2012	9.46	1.313	6.84	1.90	-165	18.1
WS-04A	1/31/2012	18	1.890	6.96	0.14	-123	17
	7/30/2012	18.59	1.920	6.57	0.85	-93	69
WS-05	8/3/2012	24.66	0.195	7.12	2.73	-52	77
WS-06	8/6/2012	23.53	0.902	7.73	0.12	-272	25
WS-09A	2/29/2012	15.31	0.813	7.01	0.19	-110	25.9
	7/20/2012	19.29	0.850	7.03	0.98	-118	12

NOTES AND ABBREVIATIONS

° C - degrees Celsius
umhos - micromhos
mg/L - milligrams per liter
mV - millivolt
NTU - nephelometric turbidity unit

TABLE 6
SAMPLES ANALYZED, 2012
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well ID	Event	Post-Closure Permit Regulated Unit Monitoring Programs						Site-Wide Monitoring Program	LUFT	Other Monitoring			
										SMOU RFI GROUP		Area IV	GW RI
		Point of Compliance	Background	Detection Monitoring	Evaluation Monitoring	Verification	CAIM			2	3		
ES-01	2012Q1							VOCs 1,4-Dioxane 1,2,3-TCP Chloride, Nitrate Dioxins					
	2012Q3							VOCs 1,4-Dioxane 1,2,3-TCP Chloride, Nitrate					
ES-17	2012Q1	COCs (STL-IV) Appendix IX	Background WQ COCs (STL-IV)	Background WQ COCs (STL-IV)	COCs (STL-IV) Appendix IX								
	2012Q3	COCs (STL-IV)		COCs (STL-IV)	COCs (STL-IV)	VOCs Dioxins							SVOCs
ES-24	2012Q1												1,4-Dioxane NDMA Perchlorate VOCs
	2012Q3												1,4-Dioxane NDMA Perchlorate VOCs
ES-26	2012Q1		Background WQ COCs (STL-IV)										
	2012Q3		Phthalates										
ES-27	2012Q1				COCs (STL-IV) Appendix IX								
	2012Q3				COCs (STL-IV)								
ES-28	2012Q1												Nitrate
	2012Q3												Nitrate
ES-29	2012Q1							VOCs Chloride, Nitrate					
	2012Q3							VOCs Chloride, Nitrate					
HAR-01	2012Q1				COCs (APTF) Appendix IX								
	2012Q3				COCs (APTF)	Dioxins							
HAR-05	2012Q1				COCs (SPA)								MTBE & TBA
	2012Q3				COCs (SPA)								MTBE & TBA
HAR-06	2012Q1												VOCs
	2012Q3												VOCs
HAR-07	2012Q1				COCs (Delta) Appendix IX								
	2012Q3				COCs (Delta)	Cyanides Dioxins SVOCs							
HAR-08	2012Q1				COCs (Delta) Appendix IX								MTBE & TBA
	2012Q3				COCs (Delta)								MTBE & TBA

TABLE 6
SAMPLES ANALYZED, 2012
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well ID	Event	Post-Closure Permit Regulated Unit Monitoring Programs						Site-Wide Monitoring Program	LUFT	Other Monitoring			
										SMOU RFI GROUP		Area IV	GW RI
		Point of Compliance	Background	Detection Monitoring	Evaluation Monitoring	Verification	CAIM			2	3		
HAR-09	2012Q1	COCs (ABSP) Appendix IX		Background WQ COCs (ABSP)	COCs (ABSP) Appendix IX								MTBE & TBA
	2012Q3	COCs (ABSP)		COCs (ABSP)	COCs (ABSP)	Cyanides Dioxins Sulfide							MTBE & TBA
HAR-11	2012Q1				COCs (ABSP) Appendix IX								MTBE & TBA
	2012Q3				COCs (ABSP)	Cyanides							MTBE & TBA
HAR-12	2012Q1			Background WQ COCs (SPA)	COCs (SPA) Appendix IX								
	2012Q3			COCs (SPA)	COCs (SPA)								
HAR-13	2012Q1		Background WQ COCs (SPA)										
	2012Q3		Phthalates										
HAR-14	2012Q1	COCs (SPA) Appendix IX		Background WQ COCs (SPA)	COCs (SPA) Appendix IX								MTBE & TBA
	2012Q3	COCs (SPA)		COCs (SPA)	COCs (SPA)								MTBE & TBA
HAR-15	2012Q1				COCs (SPA) Appendix IX								
	2012Q3				COCs (SPA)								
HAR-16	2012Q1	COCs (APTF) Appendix IX		Background WQ COCs (APTF)	COCs (APTF) Appendix IX								Radium 226 Radium 228
	2012Q3	COCs (APTF)		COCs (APTF)	COCs (APTF)								Radium-226 Radium-228
HAR-17	2012Q1												SVOCs
	2012Q3												SVOCs
HAR-18	2012Q1												DRO GRO Gross Alpha & Gross Beta MTBE & TBA
	2012Q3												DRO GRO Gross Alpha & Gross Beta Isotopic Uranium MTBE & TBA
HAR-19	2012Q1			Background WQ COCs (ABSP)	COCs (ABSP) Appendix IX								MTBE & TBA
	2012Q3			COCs (ABSP)	COCs (ABSP)	Cyanides SVOCs							MTBE & TBA
HAR-20	2012Q1				COCs (ABSP) Appendix IX								MTBE & TBA Gross Alpha & Gross Beta
	2012Q3				COCs (ABSP)								Gross Alpha & Gross Beta Isotopic Uranium MTBE & TBA
HAR-21	2012Q1				COCs (ABSP) Appendix IX								MTBE & TBA
	2012Q3				COCs (ABSP)	Sulfide							MTBE & TBA

TABLE 6
SAMPLES ANALYZED, 2012
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well ID	Event	Post-Closure Permit Regulated Unit Monitoring Programs						Site-Wide Monitoring Program	LUFT	Other Monitoring			
										SMOU RFI GROUP		Area IV	GW RI
		Point of Compliance	Background	Detection Monitoring	Evaluation Monitoring	Verification	CAIM			2	3		
HAR-22	2012Q1												MTBE & TBA
	2012Q3				COCs (SPA)								MTBE & TBA
HAR-23	2012Q1				COCs (SPA)								MTBE & TBA SVOCs
	2012Q3												MTBE & TBA SVOCs
HAR-24	2012Q1												Nitrate
	2012Q3												Nitrate
HAR-25	2012Q1				COCs (APTF)								
	2012Q3				COCs (APTF)								
HAR-26	2012Q1				COCs (ECL) Appendix IX								
	2012Q3				COCs (ECL)	SVOCs							
HAR-27	2012Q1	COCs (Delta) Appendix IX		Background WQ COCs (Delta)	COCs (Delta) Appendix IX								
	2012Q3	COCs (Delta)		COCs (Delta)	COCs (Delta)	Cyanides							
HAR-28	2012Q1			Background WQ COCs (Delta)	COCs (Delta) Appendix IX								
	2012Q3			COCs (Delta)	COCs (Delta)								
HAR-29	2012Q1			Background WQ COCs (Delta)	COCs (Delta) Appendix IX								
	2012Q3			COCs (Delta)	COCs (Delta)	Cyanides							
HAR-30	2012Q1			Background WQ COCs (SPA)	COCs (SPA) Appendix IX								
	2012Q3			COCs (SPA)	COCs (SPA)	Cyanides							MTBE & TBA
HAR-31	2012Q1		Background WQ COCs (SPA)										
	2012Q3		Phthalates										
HAR-32	2012Q1				COCs (STL-IV)								
	2012Q3				COCs (STL-IV)								
HAR-33	2012Q1				COCs (STL-IV) Appendix IX								
	2012Q3				COCs (STL-IV)	Sulfide							
OS-02	2012Q1							VOCs Fluoride Radiochemistry Metals Sodium					
OS-03	2012Q1							VOCs Fluoride Radiochemistry Metals Sodium					
OS-04	2012Q1							VOCs Fluoride Radiochemistry Metals Sodium					
OS-09	2012Q1							VOCs					
OS-09R	2012Q1							VOCs					
OS-16	2012Q1							VOCs					
OS-25	2012Q1							VOCs					

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SAMPLES ANALYZED, 2012
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well ID	Event	Post-Closure Permit Regulated Unit Monitoring Programs						Site-Wide Monitoring Program	LUFT	Other Monitoring			
										SMOU RFI GROUP		Area IV	GW RI
		Point of Compliance	Background	Detection Monitoring	Evaluation Monitoring	Verification	CAIM			2	3		
OS-26	2012Q1							VOCs					DRO GRO
	2012Q3												DRO GRO
PZ-015G	2012Q1												VOCs
PZ-017A	2012Q3												DRO GRO VOCs
PZ-017B	2012Q1												DRO GRO VOCs
	2012Q3												DRO GRO VOCs
PZ-025	2012Q1												NDMA VOCs
	2012Q3												NDMA VOCs
PZ-027	2012Q1												NDMA VOCs
	2012Q3												NDMA VOCs
PZ-030	2012Q1												VOCs
	2012Q3												VOCs
PZ-047	2012Q1												VOCs
	2012Q3												VOCs
PZ-048	2012Q1												DRO GRO VOCs
	2012Q3												DRO GRO VOCs
PZ-058	2012Q1												MTBE & TBA NDMA
	2012Q3												MTBE & TBA NDMA
PZ-060	2012Q1				COCs (ABSP) Appendix IX								
	2012Q3				COCs (ABSP)	Cyanides Sulfide							
PZ-076	2012Q1							VOCs 1,4-Dioxane 1,2,3-TCP Chloride, Nitrate Dioxins					
	2012Q3							VOCs 1,4-Dioxane 1,2,3-TCP Chloride, Nitrate					
PZ-079	2012Q1												VOCs
	2012Q3												VOCs

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SAMPLES ANALYZED, 2012
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well ID	Event	Post-Closure Permit Regulated Unit Monitoring Programs						Site-Wide Monitoring Program	LUFT	Other Monitoring			
										SMOU RFI GROUP		Area IV	GW RI
		Point of Compliance	Background	Detection Monitoring	Evaluation Monitoring	Verification	CAIM			2	3		
PZ-084	2012Q1												DRO GRO MTBE & TBA
	2012Q3												DRO GRO MTBE & TBA
PZ-087B	2012Q1												DRO GRO NDMA
	2012Q3												DRO GRO NDMA
PZ-108	2012Q1							VOCs Metals					
PZ-126	2012Q1												VOCs
	2012Q3												VOCs
PZ-139	2012Q1									1,4-Dioxane Anions Dioxins DRO Formaldehyde Hex Chrome-Total & Dissolved Hydrazine Metals-Dissolved Mercury-Dissolved NDMA PAHs PCBs SVOCs VOCs			
	2012Q3									1,4-Dioxane Anions Dioxins DRO Formaldehyde Hex Chrome-Total & Dissolved Hydrazine Mercury-Dissolved Metals-Dissolved NDMA PAHs PCBs SVOCs VOCs			

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SAMPLES ANALYZED, 2012
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well ID	Event	Post-Closure Permit Regulated Unit Monitoring Programs						Site-Wide Monitoring Program	LUFT	Other Monitoring			
										SMOU RFI GROUP		Area IV	GW RI
		Point of Compliance	Background	Detection Monitoring	Evaluation Monitoring	Verification	CAIM			2	3		
PZ-140	2012Q1									1,4-Dioxane Anions Dioxins DRO Formaldehyde Hex Chrome-Total & Dissolved Hydrazine Metals-Dissolved Mercury-Dissolved NDMA PAHs PCBs SVOCs VOCs			
	2012Q3									1,4-Dioxane Anions Dioxins DRO Formaldehyde Hex Chrome-Total & Dissolved Hydrazine Mercury-Dissolved Metals-Dissolved NDMA PAHs PCBs SVOCs VOCs			

TABLE 6
SAMPLES ANALYZED, 2012
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well ID	Event	Post-Closure Permit Regulated Unit Monitoring Programs						Site-Wide Monitoring Program	LUFT	Other Monitoring			
										SMOU RFI GROUP		Area IV	GW RI
		Point of Compliance	Background	Detection Monitoring	Evaluation Monitoring	Verification	CAIM			2	3		
PZ-141	2012Q1									1,4-Dioxane Anions Dioxins DRO Formaldehyde Hex Chrome-Total & Dissolved Hydrazine Metals-Dissolved Mercury-Dissolved NDMA PAHs PCBs SVOCs VOCs			
	2012Q3									1,4-Dioxane Anions Dioxins DRO Formaldehyde Hex Chrome-Total & Dissolved Hydrazine Mercury-Dissolved Metals-Dissolved NDMA PAHs PCBs SVOCs VOCs			
PZ-144	2012Q3									1,4-Dioxane DRO PCBs VOCs (NDMA, Formaldehyde, Dioxins, SVOCs, PAHs, Hydrazine, Metals-Dissolved, Mercury-Dissolved, Hex Chrome-Total & Dissolved, and Anions not collected due to insufficient volume)			

TABLE 6
SAMPLES ANALYZED, 2012
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well ID	Event	Post-Closure Permit Regulated Unit Monitoring Programs						Site-Wide Monitoring Program	LUFT	Other Monitoring			
										SMOU RFI GROUP		Area IV	GW RI
		Point of Compliance	Background	Detection Monitoring	Evaluation Monitoring	Verification	CAIM			2	3		
PZ-158	2012Q1										1,4-Dioxane Anions Dioxins DRO Formaldehyde Metals-Dissolved NDMA PCBs SVOCs VOCs		
PZ-159	2012Q1										Anions Dioxins DRO Metals-Dissolved PAHs SVOCs VOCs		
	2012Q3										Anions Dioxins DRO Metals-Dissolved PAHs SVOCs VOCs		
PZ-161	2012Q1												Strontium 90
RD-01	2012Q1							VOCs 1,4-Dioxane Perchlorate					DRO GRO
	2012Q3							VOCs 1,4-Dioxane Perchlorate					DRO GRO
RD-02	2012Q1							VOCs 1,4-Dioxane NDMA Hydrazine Formaldehyde					
	2012Q3							VOCs 1,4-Dioxane NDMA Hydrazine Formaldehyde					
RD-03	2012Q1				COCs (APTF)			VOCs 1,4-Dioxane Chloride, Nitrate Dioxins					
	2012Q3				COCs (APTF)			VOCs 1,4-Dioxane Chloride, Nitrate					
RD-04	2012Q3												MTBE & TBA

TABLE 6
SAMPLES ANALYZED, 2012
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well ID	Event	Post-Closure Permit Regulated Unit Monitoring Programs						Site-Wide Monitoring Program	LUFT	Other Monitoring			
										SMOU RFI GROUP		Area IV	GW RI
		Point of Compliance	Background	Detection Monitoring	Evaluation Monitoring	Verification	CAIM			2	3		
RD-05A	2012Q1				COCs (Delta)			VOCs 1,4-Dioxane NDMA					
	2012Q3				COCs (Delta)			VOCs 1,4-Dioxane NDMA					
RD-05B	2012Q1				COCs (Delta)			VOCs 1,4-Dioxane NDMA					
	2012Q3				COCs (Delta)			VOCs 1,4-Dioxane NDMA					
RD-05C	2012Q1				COCs (Delta)			VOCs 1,4-Dioxane NDMA					
	2012Q3				COCs (Delta)			VOCs 1,4-Dioxane NDMA					
RD-06	2012Q1				COCs (STL-IV)			VOCs 1,4-Dioxane NDMA					DRO GRO
	2012Q3				COCs (STL-IV)			VOCs 1,4-Dioxane NDMA					DRO GRO
RD-07	2012Q1							VOCs Radiochemistry					
RD-08	2012Q1				COCs (ECL) Appendix IX								
	2012Q3				COCs (ECL)	SVOCs VOCs							
RD-09	2012Q1							VOCs 1,4-Dioxane					
	2012Q3							VOCs 1,4-Dioxane					
RD-10	2012Q1							VOCs 1,4-Dioxane Perchlorate					
	2012Q3							VOCs 1,4-Dioxane Perchlorate					
RD-11	2012Q1				COCs (ECL) Appendix IX								
	2012Q3				COCs (ECL)	Sulfide							
RD-12	2012Q1				COCs (ECL) Appendix IX								
	2012Q3				COCs (ECL)								
RD-13	2012Q1							VOCs Radiochemistry					
RD-14	2012Q1							VOCs 1,2,3-TCP Fluoride Radiochemistry					

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SAMPLES ANALYZED, 2012
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well ID	Event	Post-Closure Permit Regulated Unit Monitoring Programs						Site-Wide Monitoring Program	LUFT	Other Monitoring			
										SMOU RFI GROUP		Area IV	GW RI
		Point of Compliance	Background	Detection Monitoring	Evaluation Monitoring	Verification	CAIM			2	3		
RD-18	2012Q1							VOCs 1,4-Dioxane Radiochemistry Fluoride Metals Sodium					
RD-19	2012Q1							VOCs Radiochemistry Fluoride Metals Sodium					
RD-20	2012Q1							VOCs Radiochemistry					
RD-26	2012Q1												DRO GRO
	2012Q3												DRO GRO
RD-31	2012Q1												1,2,3-TCP DRO GRO MTBE & TBA
	2012Q3												1,2,3-TCP DRO GRO MTBE & TBA
RD-32	2012Q1							VOCs 1,4-Dioxane NDMA 1,2,3-TCP Perchlorate	GRO (8015B) 8260B				
	2012Q3							VOCs 1,4-Dioxane NDMA 1,2,3-TCP Perchlorate	GRO (8015B) 8260B				
RD-33A	2012Q1							VOCs Perchlorate Radiochemistry Metals					
RD-33B	2012Q1							VOCs Perchlorate Radiochemistry Metals					
RD-33C	2012Q1							VOCs Perchlorate Radiochemistry Metals					

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SAMPLES ANALYZED, 2012
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well ID	Event	Post-Closure Permit Regulated Unit Monitoring Programs						Site-Wide Monitoring Program	LUFT	Other Monitoring			
										SMOU RFI GROUP		Area IV	GW RI
		Point of Compliance	Background	Detection Monitoring	Evaluation Monitoring	Verification	CAIM			2	3		
RD-34A	2012Q1							VOCs 1,4-Dioxane Radiochemistry Fluoride Metals Sodium					
RD-34C	2012Q1							VOCs 1,4-Dioxane Radiochemistry Fluoride Metals Sodium					
RD-35A	2012Q1							VOCs 1,4-Dioxane NDMA 1,2,3-TCP Perchlorate					DRO GRO Nitrate
	2012Q3							VOCs 1,4-Dioxane NDMA 1,2,3-TCP Perchlorate					DRO GRO Nitrate
RD-35B	2012Q1							VOCs 1,4-Dioxane NDMA 1,2,3-TCP Perchlorate					DRO GRO Gross Alpha & Gross Beta MTBE & TBA
	2012Q3							VOCs 1,4-Dioxane NDMA 1,2,3-TCP Perchlorate					DRO GRO Gross Alpha & Gross Beta Isotopic Uranium MTBE & TBA
RD-35C	2012Q1												1,2,3-TCP
	2012Q3												1,2,3-TCP
RD-36B	2012Q1				COCs (APTF)				GRO (8015B) 8260B				
	2012Q3				COCs (APTF)				GRO (8015B) 8260B				
RD-36C	2012Q1				COCs (APTF)				GRO (8015B) 8260B				MTBE & TBA
	2012Q3				COCs (APTF)				GRO (8015B) 8260B				MTBE & TBA
RD-36D	2012Q1				COCs (APTF)				GRO (8015B) 8260B				
	2012Q3				COCs (APTF)				GRO (8015B) 8260B				

TABLE 6
SAMPLES ANALYZED, 2012
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well ID	Event	Post-Closure Permit Regulated Unit Monitoring Programs						Site-Wide Monitoring Program	LUFT	Other Monitoring			
										SMOU RFI GROUP		Area IV	GW RI
		Point of Compliance	Background	Detection Monitoring	Evaluation Monitoring	Verification	CAIM			2	3		
RD-37	2012Q1				COCs (APTF)			VOCs 1,4-Dioxane NDMA 1,2,3-TCP Perchlorate	GRO (8015B) 8260B				MTBE & TBA
	2012Q3				COCs (APTF)			VOCs 1,4-Dioxane NDMA 1,2,3-TCP Perchlorate	GRO (8015B) 8260B				MTBE & TBA
RD-38B	2012Q1				COCs (APTF)			VOCs 1,4-Dioxane NDMA 1,2,3-TCP Perchlorate	GRO (8015B) 8260B				
	2012Q3				COCs (APTF)			VOCs 1,4-Dioxane NDMA 1,2,3-TCP Perchlorate	GRO (8015B) 8260B				
RD-39B	2012Q1				COCs (APTF)			VOCs 1,4-Dioxane NDMA 1,2,3-TCP Perchlorate					
	2012Q3				COCs (APTF)			VOCs 1,4-Dioxane NDMA 1,2,3-TCP Perchlorate					
RD-40	2012Q1							VOCs 1,4-Dioxane NDMA					Formaldehyde Nitrate
	2012Q3							VOCs 1,4-Dioxane NDMA					Formaldehyde Nitrate
RD-41A	2012Q1		Background WQ COCs (Delta)										
RD-41B	2012Q1							VOCs 1,4-Dioxane					DRO GRO MTBE & TBA
	2012Q3							VOCs 1,4-Dioxane					DRO GRO MTBE & TBA
RD-41C	2012Q1												DRO GRO MTBE & TBA
	2012Q3												DRO GRO MTBE & TBA

See Table 7 for analyte lists and analysis methods

TABLE 6
SAMPLES ANALYZED, 2012
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well ID	Event	Post-Closure Permit Regulated Unit Monitoring Programs						Site-Wide Monitoring Program	LUFT	Other Monitoring			
										SMOU RFI GROUP		Area IV	GW RI
		Point of Compliance	Background	Detection Monitoring	Evaluation Monitoring	Verification	CAIM			2	3		
RD-42	2012Q1							VOCs 1,4-Dioxane NDMA					Formaldehyde
	2012Q3							VOCs 1,4-Dioxane NDMA					Formaldehyde
RD-43A	2012Q1				COCs (APTF)			VOCs 1,4-Dioxane NDMA 1,2,3-TCP Perchlorate					
	2012Q3				COCs (APTF)			VOCs 1,4-Dioxane NDMA 1,2,3-TCP Perchlorate					
RD-43B	2012Q1				COCs (APTF)			VOCs 1,4-Dioxane NDMA 1,2,3-TCP Perchlorate					
	2012Q3				COCs (APTF)			VOCs 1,4-Dioxane NDMA 1,2,3-TCP Perchlorate					
RD-43C	2012Q1				COCs (APTF)			VOCs 1,4-Dioxane NDMA 1,2,3-TCP Perchlorate					
	2012Q3				COCs (APTF)			VOCs 1,4-Dioxane NDMA 1,2,3-TCP Perchlorate					
RD-44	2012Q1							VOCs 1,4-Dioxane NDMA Hydrazine Formaldehyde					
	2012Q3							VOCs 1,4-Dioxane NDMA Hydrazine Formaldehyde					
RD-45A	2012Q1				COCs (APTF)								
	2012Q3				COCs (APTF)								
RD-45B	2012Q1				COCs (APTF)								
	2012Q3				COCs (APTF)								
RD-45C	2012Q1				COCs (APTF)								
	2012Q3				COCs (APTF)								

TABLE 6
SAMPLES ANALYZED, 2012
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well ID	Event	Post-Closure Permit Regulated Unit Monitoring Programs						Site-Wide Monitoring Program	LUFT	Other Monitoring			
										SMOU RFI GROUP		Area IV	GW RI
		Point of Compliance	Background	Detection Monitoring	Evaluation Monitoring	Verification	CAIM			2	3		
RD-46A	2012Q1				COCs (APTF)								
	2012Q3				COCs (APTF)								
RD-46B	2012Q1				COCs (APTF)			VOCs 1,4-Dioxane 1,2,3-TCP Chloride, Nitrate Dioxins					
	2012Q3				COCs (APTF)			VOCs 1,4-Dioxane 1,2,3-TCP Chloride, Nitrate					
RD-48A	2012Q3				COCs (APTF)			VOCs 1,4-Dioxane 1,2,3-TCP Chloride, Nitrate					
RD-48B	2012Q1				COCs (APTF)			VOCs 1,4-Dioxane 1,2,3-TCP Chloride, Nitrate Dioxins					
	2012Q3				COCs (APTF)			VOCs 1,4-Dioxane 1,2,3-TCP Chloride, Nitrate					
RD-48C	2012Q1				COCs (APTF)			VOCs 1,4-Dioxane 1,2,3-TCP Chloride, Nitrate Dioxins					
	2012Q3				COCs (APTF)			VOCs 1,4-Dioxane 1,2,3-TCP Chloride, Nitrate					
RD-49A	2012Q1		Background WQ COCs (ABSP)										MTBE & TBA
	2012Q3												MTBE & TBA
RD-49B	2012Q1		Background WQ COCs (ABSP)										MTBE & TBA
	2012Q3												MTBE & TBA
RD-49C	2012Q1				COCs (ABSP) Appendix IX								MTBE & TBA
	2012Q3				COCs (ABSP)								MTBE & TBA
RD-50	2012Q1							VOCs Perchlorate Radiochemistry Metals					
RD-51A	2012Q1				COCs (APTF)			VOCs 1,4-Dioxane					
	2012Q3				COCs (APTF)			VOCs 1,4-Dioxane					

TABLE 6
SAMPLES ANALYZED, 2012
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well ID	Event	Post-Closure Permit Regulated Unit Monitoring Programs						Site-Wide Monitoring Program	LUFT	Other Monitoring			
										SMOU RFI GROUP		Area IV	GW RI
		Point of Compliance	Background	Detection Monitoring	Evaluation Monitoring	Verification	CAIM			2	3		
RD-51B	2012Q1				COCs (APTF)			VOCs 1,4-Dioxane					
	2012Q3				COCs (APTF)			VOCs 1,4-Dioxane					
RD-51C	2012Q1				COCs (APTF)			VOCs					
	2012Q3				COCs (APTF)			VOCs					
RD-52A	2012Q1				COCs (APTF)								
	2012Q3				COCs (APTF)								
RD-52B	2012Q1				COCs (APTF)								
	2012Q3				COCs (APTF)								
RD-52C	2012Q1				COCs (APTF)								
	2012Q3				COCs (APTF)								
RD-53	2012Q1				COCs (APTF)				GRO (8015B) 8260B				MTBE & TBA
	2012Q3				COCs (APTF)				GRO (8015B) 8260B				MTBE & TBA
RD-54A	2012Q1							VOCs Perchlorate Radiochemistry Metals					
RD-55A	2012Q1				COCs (STL-IV)								DRO GRO MTBE & TBA
	2012Q3				COCs (STL-IV)								DRO GRO MTBE & TBA
RD-55B	2012Q1				COCs (STL-IV)								DRO GRO MTBE & TBA
	2012Q3				COCs (STL-IV)								DRO GRO MTBE & TBA
RD-56A	2012Q1							VOCs 1,2,3-TCP Fluoride Radiochemistry					DRO GRO
	2012Q3							VOCs 1,2,3-TCP Fluoride Radiochemistry					DRO GRO
RD-56B	2012Q1							VOCs 1,2,3-TCP Fluoride Radiochemistry					1,4-Dioxane
	2012Q3							VOCs 1,2,3-TCP Fluoride Radiochemistry					1,4-Dioxane
RD-57	2012Q1							VOCs Perchlorate Radiochemistry Metals					

See Table 7 for analyte lists and analysis methods

TABLE 6
SAMPLES ANALYZED, 2012
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well ID	Event	Post-Closure Permit Regulated Unit Monitoring Programs						Site-Wide Monitoring Program	LUFT	Other Monitoring			
										SMOU RFI GROUP		Area IV	GW RI
		Point of Compliance	Background	Detection Monitoring	Evaluation Monitoring	Verification	CAIM			2	3		
RD-58A	2012Q1				COCs (STL-IV)								Dioxins
	2012Q3				COCs (STL-IV)								Dioxins
RD-58B	2012Q1				COCs (STL-IV)			VOCs 1,4-Dioxane NDMA					
	2012Q3				COCs (STL-IV)			VOCs 1,4-Dioxane NDMA					
RD-58C	2012Q1				COCs (STL-IV)			VOCs 1,4-Dioxane NDMA					DRO GRO
	2012Q3				COCs (STL-IV)			VOCs 1,4-Dioxane NDMA					DRO GRO
RD-59A	2012Q1							VOCs Perchlorate Radiochemistry Metals Fluoride Sodium					
RD-59B	2012Q1							VOCs Perchlorate Radiochemistry Metals Fluoride Sodium					
RD-59C	2012Q1							VOCs Perchlorate Radiochemistry Metals Fluoride Sodium					
RD-60	2012Q1							VOCs 1,2,3-TCP Fluoride Radiochemistry					1,4-Dioxane Chloride MTBE & TBA
	2012Q3							VOCs 1,2,3-TCP Fluoride Radiochemistry					1,4-Dioxane Chloride MTBE & TBA
RD-61	2012Q1							VOCs 1,4-Dioxane 1,2,3-TCP Chloride, Nitrate Dioxins					
	2012Q3							VOCs 1,4-Dioxane 1,2,3-TCP Chloride, Nitrate					

TABLE 6
SAMPLES ANALYZED, 2012
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well ID	Event	Post-Closure Permit Regulated Unit Monitoring Programs						Site-Wide Monitoring Program	LUFT	Other Monitoring			
										SMOU RFI GROUP		Area IV	GW RI
		Point of Compliance	Background	Detection Monitoring	Evaluation Monitoring	Verification	CAIM			2	3		
RD-62	2012Q1							VOCs 1,4-Dioxane 1,2,3-TCP Chloride, Nitrate Dioxins					
	2012Q3							VOCs 1,4-Dioxane 1,2,3-TCP Chloride, Nitrate					
RD-63	2012Q1							VOCs 1,4-Dioxane Radiochemistry Fluoride Metals Sodium					
RD-66	2012Q1							VOCs 1,4-Dioxane NDMA 1,2,3-TCP Perchlorate					DRO GRO MTBE & TBA
	2012Q3							VOCs 1,4-Dioxane NDMA 1,2,3-TCP Perchlorate					DRO GRO
RD-67	2012Q1							VOCs 1,4-Dioxane NDMA					DRO GRO
	2012Q3							VOCs 1,4-Dioxane NDMA					DRO GRO MTBE & TBA
RD-68A	2012Q1				COCs (ABSP)			VOCs 1,2,3-TCP Fluoride					
	2012Q3				COCs (ABSP)			VOCs 1,2,3-TCP Fluoride					
RD-68B	2012Q1				COCs (ABSP)			VOCs 1,2,3-TCP Fluoride					
	2012Q3				COCs (ABSP)			VOCs 1,2,3-TCP Fluoride					
RD-69	2012Q1							VOCs 1,4-Dioxane					
	2012Q3							VOCs 1,4-Dioxane					
RD-70	2012Q1							VOCs					
	2012Q3							VOCs					

TABLE 6
SAMPLES ANALYZED, 2012
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well ID	Event	Post-Closure Permit Regulated Unit Monitoring Programs						Site-Wide Monitoring Program	LUFT	Other Monitoring			
										SMOU RFI GROUP		Area IV	GW RI
		Point of Compliance	Background	Detection Monitoring	Evaluation Monitoring	Verification	CAIM			2	3		
RD-71	2012Q1							VOCs 1,4-Dioxane NDMA 1,2,3-TCP Perchlorate					DRO GRO
	2012Q3							VOCs 1,4-Dioxane NDMA 1,2,3-TCP Perchlorate					DRO GRO
RD-72	2012Q1												1,4-Dioxane DRO GRO MTBE & TBA NDMA VOCs
	2012Q3												1,4-Dioxane DRO GRO MTBE & TBA NDMA VOCs
RD-73	2012Q1								GRO (8015B) 8260B				1,2,3-TCP 1,4-Dioxane MTBE & TBA
	2012Q3								GRO (8015B) 8260B				1,2,3-TCP 1,4-Dioxane MTBE & TBA
RD-75	2012Q1							Perchlorate					Sulfate
	2012Q3							Perchlorate					Sulfate
RD-76	2012Q1							Perchlorate					DRO GRO
	2012Q3							Perchlorate					DRO GRO
RD-77	2012Q1		Background WQ COCs (APTF)										MTBE & TBA
	2012Q3		1,2,3-TCP										MTBE & TBA
RD-78	2012Q1							VOCs 1,4-Dioxane NDMA 1,2,3-TCP Perchlorate					DRO GRO
	2012Q3							VOCs 1,4-Dioxane NDMA 1,2,3-TCP Perchlorate					DRO GRO
RD-80	2012Q1												Sulfate
	2012Q3												Sulfate

TABLE 6
SAMPLES ANALYZED, 2012
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well ID	Event	Post-Closure Permit Regulated Unit Monitoring Programs						Site-Wide Monitoring Program	LUFT	Other Monitoring			
										SMOU RFI GROUP		Area IV	GW RI
		Point of Compliance	Background	Detection Monitoring	Evaluation Monitoring	Verification	CAIM			2	3		
RD-81	2012Q1							VOCs 1,4-Dioxane					
	2012Q3							VOCs 1,4-Dioxane					
RD-83	2012Q1							VOCs					
	2012Q3							VOCs					
RD-84	2012Q1												1,4-Dioxane
	2012Q3												1,4-Dioxane
RD-85	2012Q1							VOCs 1,4-Dioxane Radiochemistry Fluoride Metals Sodium					
RD-86	2012Q1							VOCs Radiochemistry Fluoride Metals Sodium					
RD-96	2012Q1							VOCs Radiochemistry					
RD-98	2012Q1											Gamma Emitting Radionuclides Gross Alpha & Gross Beta Isotopic Uranium Strontium 90 Tritium	
RD-99	2012Q1												VOCs
	2012Q3												VOCs

TABLE 6
SAMPLES ANALYZED, 2012
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well ID	Event	Post-Closure Permit Regulated Unit Monitoring Programs						Site-Wide Monitoring Program	LUFT	Other Monitoring			
										SMOU RFI GROUP		Area IV	GW RI
		Point of Compliance	Background	Detection Monitoring	Evaluation Monitoring	Verification	CAIM			2	3		
RD-100	2012Q1												1,2,3-TCP 1,4-Dioxane Dioxins DRO GRO Metals-Total & Dissolved NDMA PCBs Perchlorate SVOCs VOCs
	2012Q3												1,2,3-TCP 1,4-Dioxane Dioxins DRO GRO Metals-Total & Dissolved NDMA PCBs Perchlorate SVOCs VOCs
RD-102	2012Q1												Americium 241 Cesium 137 Gross Alpha & Gross Beta Isotopic Uranium Radium 226 Radium 228 Potassium 40 Strontium 90 Tritium
RD-104	2012Q1	COCs (ABSP)- except Ammonia Appendix IX- except Cyanide		Background WQ- except Ammonia COCs (ABSP)- except Ammonia	COCs (ABSP)- except Ammonia Appendix IX- except Cyanide								
RS-11	2012Q1												Gross Alpha & Gross Beta
RS-15	2012Q1												Chloride Nitrate
RS-32	2012Q3								GRO (8015B) 8260B				1,2,3-TCP MTBE & TBA
RS-33	2012Q1	COCs (STL-IV) Appendix IX		Background WQ COCs (STL-IV)	COCs (STL-IV) Appendix IX								
	2012Q3	COCs (STL-IV)		COCs (STL-IV)	COCs (STL-IV)	Cyanides							
RS-34	2012Q1	COCs (SPA) Appendix IX		Background WQ COCs (SPA)	COCs (SPA) Appendix IX								
	2012Q3	COCs (SPA)		COCs (SPA)	COCs (SPA)	Cyanides Dioxins Sulfide							

See Table 7 for analyte lists and analysis methods

TABLE 6
SAMPLES ANALYZED, 2012
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well ID	Event	Post-Closure Permit Regulated Unit Monitoring Programs						Site-Wide Monitoring Program	LUFT	Other Monitoring			
										SMOU RFI GROUP		Area IV	GW RI
		Point of Compliance	Background	Detection Monitoring	Evaluation Monitoring	Verification	CAIM			2	3		
RS-36	2012Q1												Americium 241 Cesium 137 Gross Alpha & Gross Beta Isotopic Uranium Potassium 40 Radium 226 Radium 228 Strontium 90 Tritium
WS-04A	2012Q1				COCs (ABSP)			VOCs 1,4-Dioxane					
	2012Q3				COCs (ABSP)			VOCs 1,4-Dioxane					
WS-05	2012Q3												DRO GRO
WS-06	2012Q3												MTBE & TBA
WS-09	2012Q3												MTBE & TBA
WS-09A	2012Q1						COCs (ABSP) COCs (Delta) COCs (SPA)	VOCs 1,4-Dioxane NDMA					Dioxins
	2012Q3						COCs (ABSP) COCs (Delta) COCs (SPA)	VOCs 1,4-Dioxane NDMA					Dioxins
WS-11	2012Q3												Formaldehyde
WS-12	2012Q3												VOCs
WS-14	2012Q3												DRO GRO MTBE & TBA

ABBREVIATIONS

CAIM - Corrective Action Interim Monitoring
SMOU RFI - Surficial Media Operable Unit RCRA Facility Investigation
GW RI - Groundwater Remedial Investigation
ABSP - Alfa-Bravo Skim Pond
App IX - Appendix IX
APTF - Advanced Propulsion Test Facility
COCs - Constituents of Concern
ECL - Engineering Chemistry Laboratory
SPA - Storable Propellant Area
STL - Systems Test Laboratory
WQ - water quality
1,2,3-TCP - 1,2,3-Trichloropropane
DRO - Diesel Range Organics
GRO - Gasoline Range Organics
Hex Chrome - Hexavalent Chromium
MTBE - Methyl Tertiary Butyl Ether
NDMA - n-Nitrosodimethylamine
PAHs - Polycyclic Aromatic Hydrocarbons
PCBs - Polychlorinated Biphenyls
SVOCs - Semi-Volatile Organic Compounds
TBA - Tertiary-Butyl Alcohol
VOCs - volatile organic compounds

See Table 7 for analyte lists and analysis methods

TABLE 7
MONITORING PROGRAM ANALYSES
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

ANALYSES ABBREVIATIONS

1,2,3-TCP	1,2,3-Trichloropropane
Appendix IX	Appendix IX monitoring
Background WQ	Background Water Quality Parameters
COCs	Constituents of Concern
COCs (ABSP)	Constituents of Concern for Regulated Unit ABSP
COCs (APTF)	Constituents of Concern for Regulated Units APTF-1 and APTF-2
COCs (Delta)	Constituents of Concern for Regulated Unit Delta
COCs (ECL)	Constituents of Concern for Regulated Unit ECL
COCs (SPA)	Constituents of Concern for Regulated Units SPA-1 and SPA-2
COCs (STL-IV)	Constituents of Concern for Regulated Units STL-IV-1 and STL-IV-2
Dioxins	Dioxins and furans (EPA 8290)
DRO	Diesel Range Organics (EPA 8015B)
GRO	Gasoline Range Organics (EPA 8015B)
Herbicides	Chlorinated herbicides (EPA 8151A)
Hex chrome	Hexavalent chromium (EPA 7196A)
Hydrazines	Hydrazine, Momomethyl hydrazine (MMH), and Unsymmetrical dimethylhydrazine (UDMH)
MTBE	methyl tert-butyl ether
NDMA	n-Nitrosodimethylamine (EPA 1625M)
Nitrate	Nitrate as NO_3
PAHs	Polycyclic Aromatic Hydrocarbons
PCBs	Polychlorinated Biphenyls (EPA 8082)
Pesticides	Organochlorine pesticides (EPA 8081A)
Radchem	Radiochemistry
SVOCs	Semi-Volatile Organic Compounds (EPA 8270C)
VOCs	Volatile Organic Compounds (EPA 8260B)

ANALYSES	Analytical Method
1,2,3-Trichloropropane	SRL 524M
1,4-Dioxane	8260B SIM
Anions: Bromide, Chloride, Fluoride, Nitrate (NO_3), Nitrite (NO_2), Phosphate, and Sulfate	300.0
Bromide	300.0
Chloride	300.0
Cyanide	9012
Diesel Range Organics (DRO)	8015B
Dioxins and Furans	8290
Fluoride	300.0
Formaldehyde	8315A
Gamma-emitting radionuclides	901.1
Gasoline Range Organics (GRO)	8015B
Gross Alpha and Gross Beta	900.0
Hexavalent chromium (hexachrome)	7196A
Hydrazines	DV-WC-007 / 8315A
Metals	6010B, 6020, 7470A
Nitrate as NO_3	300.0
n-Nitrosodimethylamine (NDMA), low-level	1625M
Perchlorate	314.0
Perchlorate, low-level	6860
pH	9010B / 9040C
Polychlorinated biphenyl (PCBs)	8082
Semi-volatile organic compounds (SVOCs)	8270C
Strontium-90 (Sr-90)	905.0
Sulfate	300.0
Tritium	906.0
Uranium	908.0
Volatile organic compounds (VOCs)	8260B

TABLE 7
MONITORING PROGRAM ANALYSES
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

REGULATED UNIT MONITORING PROGRAM [1,2,3] ANALYSES

2010 Post-Closure Permit - Constituents of Concern (COCs)		Analytical Method
COCs (ABSP)	1,4-Dioxane, low level	8260B SIM
	Ammonia	350.1
	Diesel range organics (DRO)	8015B
	Fluoride, Nitrate as NO_3	300.0
	Formaldehyde	8315A
	Kerosene fuel (RP-1, JP-1, JP-4)	8015B
	Nitrobenzene, 1,3-dinitrobenzene	8270C
	n-Nitrosodimethylamine (NDMA), low-level	1625M
	Oil	8015B
	Perchlorate	314.0
	Perchlorate, low-level	6860
	Phthalates* *(beginning second quarter 2011)*	8270C
	Unsymmetrical dimethylhydrazine (1,1-dimethylhydrazine, UDMH)	DV-WC-007/ 8315A
	Volatile organic compounds (VOCs)	8260B
COCs (APTF)	1,2,3-Trichloropropane* *(beginning second quarter 2011)*	SRL 524M
	1,4-Dioxane, low level	8260B SIM
	Ammonia	350.1
	Diesel range organics (DRO)	8015B
	Fluoride, Nitrate as NO_3	300.0
	Formaldehyde	8315A
	Hydrazines Hydrazine, Momomethyl hydrazine (MMH), and Unsymmetrical dimethylhydrazine (UDMH)	DV-WC-007 / 8315A
	Isopropyl alcohol	8260B
	Kerosene fuel (RP-1, JP-1, JP-4)	8015B
	Nitrobenzene, 1,3-dinitrobenzene	8270C
	n-Nitrosodimethylamine (NDMA), low-level	1625M
	Perchlorate	314.0
	Perchlorate, low-level	6860
	pH	9040B
	Phthalates	8270C
	Volatile organic compounds (VOCs)	8260B
COCs (Delta)	1,4-Dioxane, low level	8260B SIM
	Ammonia	350.1
	Diesel range organics (DRO)	8015B
	Fluoride, Nitrate as NO_3	300.0
	Formaldehyde	8315A
	Kerosene fuel (RP-1, JP-1, JP-4)	8015B
	Nitrobenzene, 1,3-dinitrobenzene	8270C
	n-Nitrosodimethylamine (NDMA), low-level	1625M
	Perchlorate	314.0
	Perchlorate, low-level	6860
	pH	9040B
	Unsymmetrical dimethylhydrazine (1,1-dimethylhydrazine, UDMH)	DV-WC-007
	Volatile organic compounds (VOCs)	8260B
COCs (ECL)	1,2,3-Trichloropropane* *(beginning first quarter 2011)*	SRL 524M
	1,4-Dioxane, low level	8260B SIM
	Ammonia	350.1
	Anthracene* *(beginning third quarter 2010)*	8270C
	Fluoride, Nitrate as NO_3	300.0
	Formaldehyde	8315A
	Nitrobenzene, 1,3-dinitrobenzene	8270C
	n-Nitrosodimethylamine (NDMA), low-level	1625M
	Perchlorate	314.0
	Perchlorate, low-level	6860
	pH	9040B
	Phthalates* *(beginning first quarter 2013)*	8270C
	Volatile organic compounds (VOCs)	8260B

TABLE 7
MONITORING PROGRAM ANALYSES
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

2010 Post-Closure Permit - Constituents of Concern (COCs)		Analytical Method
COCs (SPA)	1,4-Dioxane, low level	8260B SIM
	Ammonia	350.1
	Diesel range organics (DRO)	8015B
	Fluoride, Nitrate as NO_3	300.0
	Formaldehyde	8315A
	Hydrazines Hydrazine, Momomethyl hydrazine (MMH), and Unsymmetrical dimethylhydrazine (UDMH)	DV-WC-007 / 8315A
	Isopropyl alcohol	8260B
	Kerosene fuel (RP-1, JP-1, JP-4)	8015B
	Nitrobenzene, 1,3-dinitrobenzene	8270C
	n-Nitrosodimethylamine (NDMA), low-level	1625M
	Perchlorate	314.0
	Perchlorate, low-level	6860
	pH	9040B
	Volatile organic compounds (VOCs)	8260B
COCs (STL-IV)	1,4-Dioxane, low level	8260B SIM
	Ammonia	350.1
	Fluoride, Nitrate as NO_3	300.0
	Formaldehyde	8315A
	Hydrazines Hydrazine, Momomethyl hydrazine (MMH), and Unsymmetrical dimethylhydrazine (UDMH)	DV-WC-007 / 8315
	Isopropyl alcohol	8260B
	Nitrobenzene, 1,3-dinitrobenzene	8270C
	n-Nitrosodimethylamine (NDMA), low-level	1625M
	Perchlorate	314.0
	Perchlorate, low-level	6860
	pH	9040B
	Phthalates* *(beginning second quarter 2011)*	8270C
	Volatile organic compounds (VOCs)	8260B

VOCs Analyte List for Post-Closure Permit COCs (EPA 8260B)	
1,1,1-Trichloroethane	Ethylbenzene
1,1,2-Trichloro-1,2,2-trifluoroethane	Methyl ethyl ketone
1,1,2-Trichloroethane	Methylene chloride
1,1-Dichloroethane	Tetrachloroethene
1,1-Dichloroethene	Toluene
1,2-Dichloroethane	trans-1,2-Dichlorethene
Acetone	Trichloroethene
Benzene	Trichlorofluoromethane
Carbon Tetrachloride	Vinyl chloride
Chloroform	Xylenes
cis-1,2-Dichloroethene	

Background Water Quality Parameters	Analytical Method
Alkalinity as $CaCO_3$	SM2320B
Ammonia-N	350.1
Chloride, Fluoride, Nitrate as NO_3, Sulfate	300.0
Metals (dissolved): Calcium, Iron, Magnesium, Manganese, Potassium, Sodium, Strontium, Zinc	6010B
pH	9040B / 9040C
Specific conductivity	2510B
Total Dissolved Solids	2540C
Turbidity	180.1 / 2320B

TABLE 7
MONITORING PROGRAM ANALYSES
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Appendix IX [4]	Analytical Method
1,2,3-Trichloropropane	SRL 524M
1,4-Dioxane, low level	8260B SIM
1,2-Dibromo-3-chloropropane (DBCP) and 1,2-Dibromoethane (EDB)	504.1
Chlorinated herbicides	8151A
Cyanide	9012A / 9014
Dioxins and Furans	8290
Hexachlorophene	8321A / 8151A
Mercury	7470A
Metals: Barium, Cobalt, Tin, Vanadium, and Zinc	6010B
Metals: Antimony, Arsenic, Beryllium, Cadmium, Chromium, Copper, Lead, Nickel, Selenium, Silver, and Thallium	6020
n-Nitrosodimethylamine (NDMA), low-level	1625M
Organochlorine pesticides	8081A
Organophosphorous compounds	8141A
Pentachlorophenol	8270C
Polychlorinated biphenyl (PCBs)	8082
Semi-volatile organic compounds (SVOCs)	8270C
Sulfide	376.2
Volatile organic compounds (VOCs)	8260B

SITE-WIDE MONITORING PROGRAM [5] ANALYSES

Analytes			Analytical Method
1,2,3-Trichloropropane			SRL 524M
1,4-Dioxane			8260B SIM
Chloride, Fluoride, Nitrate			300.0
Dioxins			8290
Formaldehyde			8315A
Hydrazine			DV-WC-007 / 8315
Metals:	Antimony, Arsenic, Barium, Beryllium, Cadmium, Chromium, Cobalt, Copper, Lead, Nickel, Selenium, Silver, Thallium, Tin, Vanadium, Zinc		6020
n-Nitrosodimethylamine (NDMA), low-level			1625M
Perchlorate			314.0
Radiochemistry:	Gamma-emitting radionuclides		901.1
	Gross Alpha and Gross Beta		900.0
	Strontium-90		905.0
	Tritium		906.0
	Isotopic Uranium		908.0
Sodium			6010B
VOCs:			8260B
	1,1,1-Trichloroethane	Ethylbenzene	
	1,1,2-Trichloro-1,2,2-trifluoroethane	Methyl ethyl ketone	
	1,1,2-Trichloroethane	Methylene chloride	
	1,1-Dichloroethane	Tetrachloroethene	
	1,1-Dichloroethene	Toluene	
	1,2-Dichloroethane	trans-1,2-Dichlorethene	
	Acetone	Trichloroethene	
	Benzene	Trichlorofluoromethane	
	Carbon Tetrachloride	Vinyl chloride	
	Chloroform	Xylenes	
	cis-1,2-Dichloroethene		

TABLE 7
MONITORING PROGRAM ANALYSES
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

OTHER

Dioxins and Furans Analyte List			
1,2,3,4,6,7,8-HpCDF	=	1,2,3,4,6,7,8-Heptachlorodibenzofuran	Notes:
1,2,3,4,6,7,8-HpCDD	=	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	2,3,7,8-TCDD TEQs were calculated using 2005 toxic equivalency factors (van den Berg et al., 2006).
1,2,3,4,7,8,9-HpCDF	=	1,2,3,4,7,8,9-Heptachlorodibenzofuran	
1,2,3,4,7,8-HxCDF	=	1,2,3,4,7,8-Hexachlorodibenzofuran	
1,2,3,4,7,8-HxCDD	=	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	
1,2,3,6,7,8-HxCDF	=	1,2,3,6,7,8-Hexachlorodibenzofuran	When one or more dioxin congeners are detected, the 2,3,7,8-TCDD TEQ is the sum of the products of the detected dioxin congener concentration multiplied by that congener's toxic equivalency factor (TEF).
1,2,3,6,7,8-HxCDD	=	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	
1,2,3,7,8,9-HxCDF	=	1,2,3,7,8,9-Hexachlorodibenzofuran	
1,2,3,7,8,9-HxCDD	=	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	
1,2,3,7,8-PeCDF	=	1,2,3,7,8-Pentachlorodibenzofuran	
1,2,3,7,8-PeCDD	=	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	
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	When all dioxin congeners are not detected, the TEQ is the sum of the products of dioxin congener concentration at the MDL multiplied by that congener's TEF.
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	
OCDF	=	1,2,3,4,6,7,8,9-Octachlorodibenzofuran	
OCDD	=	1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin	

LABORATORIES

TA-Denver	=	Test America Laboratories - Denver, Colorado
TA-Irvine	=	Test America Laboratories - Irvine, California

NOTES

* Added to COC list based on new, verified detections - was not on original COC list in Post-Closure Permit.

1 - California Department of Toxic Substances Control, 2010. 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, revised January 5, 2010.

2 - Haley & Aldrich, 2010. Regulated Unit Water Quality Sampling and Analysis Plan, Areas I and III, Post-Closure Permit PC-94/95-3-02, Santa Susana Field Laboratory, Ventura County, California, April.

3 - Haley & Aldrich, 2010. Regulated Unit Water Quality Sampling and Analysis Plan, Area II, Post Closure Permit PC-94/95-3-03, Santa Susana Field Laboratory, Ventura County, California, April.

4 - See California Code of Regulations, Title 22 for compound-specific list of analytes

5 - Haley & Aldrich, 2010. Site-Wide Water Quality Sampling and Analysis Plan, Santa Susana Field Laboratory, Ventura County, California, Revision 1, File No. 20080/M489. December.

TABLE 8
EXCEPTIONS TO THE WATER QUALITY SAMPLING AND ANALYSIS PLANS, 2012
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

WELLS NOT SAMPLED

Quarter	Well Identifier	Notes
1	FDP-835, FDP-890, HAR-02, HAR-03, HAR-04, OS-05, OS-13, PZ-078, PZ-089, PZ-095, PZ-097, PZ-123, PZ-124, RD-36A, RD-39A, RS-07, RS-08, RS-10, RS-13, RS-14, RS-20, SH-02, SH-03, SH-07, SH-09	Dry
1	ES-14, PZ-035, PZ-059, PZ-070, PZ-074, PZ-077, PZ-095, RD-38A, RD-48A, RS-18, RS-35, SH-04, SH-11	Insufficient water volume
1	RD-34B	Obstruction in well - not low-flow retrofitted
3	FDP-890, HAR-02, HAR-03, HAR-04, PZ-070, PZ-078, PZ-089, PZ-095, PZ-097, PZ-123, PZ-124, RD-104, RS-07, RS-08, RS-13, RS-14, RS-20, RS-35, SH-02, SH-03, SH-04, SH-07, SH-09	Dry
3	ES-14, PZ-035, PZ-074, PZ-077, RD-36A, RD-38A, RD-39A, RS-18, SH-11	Insufficient water volume
3	FDP-835	Unable to access

INCOMPLETE ANALYSES

Quarter	Well Identifier - Analyses Not Performed	Notes
1	RD-104 - Cyanide and Ammonia	Insufficient water volume

STABILIZATION PARAMETERS NOT COLLECTED AT FIXED INTERVAL

Quarter	Well Identifier	Notes
1	HAR-05	Parameter data lost - only final reading available
1	HAR-20	Parameters collected every 2 to 4 minutes
1	HAR-22	Parameters collected every 8 to 32 minutes - departed well during purge to offload purge water
1	HAR-29	Parameters collected every 2 to 3 minutes
1	OS-02	Flowing artesian well - Parameters only collected once prior to sample collection
1	OS-03	Flowing artesian well - Parameters only collected once prior to sample collection
1	OS-04	Flowing artesian well - Parameters only collected once prior to sample collection
1	OS-09	Flowing artesian well - Parameters only collected once prior to sample collection
1	OS-09R	Westbay - Parameters only collected once prior to sample collection
1	OS-16	Parameters collected every 4 to 5 minutes
1	RD-05A	Parameters collected every 2 to 3 minutes
1	RD-07	FLUTe - Parameters only collected once prior to sample collection
1	RD-31	Westbay - Parameters only collected once prior to sample collection

TABLE 8
EXCEPTIONS TO THE WATER QUALITY SAMPLING AND ANALYSIS PLANS, 2012
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

STABILIZATION PARAMETERS NOT COLLECTED AT FIXED INTERVAL (continued)		
Quarter	**Well Identifier**	**Notes**
1	RD-33A	FLUTe - Parameters only collected once prior to sample collection
1	RD-34A	Parameters collected every 1 to 3 minutes
1	RD-35A	Parameters collected every 3 to 4 minutes
1	RD-35B	Parameters collected every 1 to 5 minutes
1	RD-35C	Westbay - Parameters only collected once prior to sample collection
1	RD-50	FLUTe - Parameters only collected once prior to sample collection
1	RD-54A	FLUTe - Parameters only collected once prior to sample collection
1	RD-56B	Parameters collected every 3 to 4 minutes
1	RD-60	Parameters collected every 3 to 4 minutes
1	RD-62	Parameters collected every 2 to 4 minutes
1	RD-57	FLUTe - Parameters only collected once prior to sample collection
1	RD-68B	Flowing artesian well - Parameters only collected once prior to sample collection
1	RD-72	FLUTe - Parameters only collected once prior to sample collection
3	ES-26	Parameters collected every 2 to 3 minutes
3	HAR-09	Parameters collected every 2 to 4 minutes
3	HAR-13	Parameters collected every 3 to 4 minutes
3	RD-05B	Parameters collected every 3 to 4 minutes
3	RD-05C	Parameters collected every 2 to 3 minutes
3	RD-35B	Parameters collected every 1 to 3 minutes
3	RD-51C	Parameters collected every 2 to 3 minutes
3	RD-52A	Parameters collected every 2 to 3 minutes
3	RD-52C	Parameters collected every 1 to 4 minutes
3	WS-09A	Active extraction well - Parameters only collected once prior to sample collection
PURGE VOLUME REQUIREMENTS NOT MET		
Quarter	**Well Identifier**	**Notes**
1	OS-25	Purged dry before three-volume purge requirement met
1	RD-36C	Initial purge column not met before stabilization parameters collected - Initial purge is 1511 mL, first reading at 1500 mL
1	RD-36D	Initial purge column not met before stabilization parameters collected - Initial purge is 2352 mL, first reading at 2000 mL
3	HAR-12	Initial purge column not met before stabilization parameters collected - Initial purge is 635 mL, first reading at 600 mL
3	HAR-15	Initial purge column not met before stabilization parameters collected - Initial purge is 620 mL, first reading at 500 mL
3	HAR-21	Initial purge column not met before stabilization parameters collected - Initial purge is 1,500 mL, first reading at 1,400 mL
3	HAR-30	Initial purge column not met before stabilization parameters collected - Initial purge is 514 mL, first reading at 500 mL
3	RD-09	Initial purge column not met before stabilization parameters collected - Initial purge is 2,210 mL, first reading at 2,200 mL
3	RD-10	Initial purge column not met before stabilization parameters collected - Initial purge is 34 gal, first reading at 30 gal
3	RD-41B	Initial purge column not met before stabilization parameters collected - Initial purge is 883 mL, first reading at 800 mL
3	RD-45B	Initial purge column not met before stabilization parameters collected - Initial purge is 23 gal, first reading at 20 gal

TABLE 8
EXCEPTIONS TO THE WATER QUALITY SAMPLING AND ANALYSIS PLANS, 2012
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

PURGE VOLUME REQUIREMENTS NOT MET (continued)		
Quarter	**Well Identifier**	**Notes**
3	RD-45C	Initial purge column not met before stabilization parameters collected - Initial purge is 31 gal, first reading at 30 gal
3	RD-49A	Initial purge column not met before stabilization parameters collected - Initial purge is 707 mL, first reading at 700 mL
3	RD-49C	Initial purge column not met before stabilization parameters collected - Initial purge is 21 gal, first reading at 15 gal
3	RD-53	Initial purge column not met before stabilization parameters collected - Initial purge is 828 mL, first reading at 800 mL
3	RD-55B	Initial purge column not met before stabilization parameters collected - Initial purge is 1,210 mL, first reading at 1,200 mL
3	RD-62	Initial purge column not met before stabilization parameters collected - Initial purge is 1,251 mL, first reading at 1,200 mL
3	RD-70	Initial purge column not met before stabilization parameters collected - Initial purge is 9.9 gal, first reading at 9 gal
3	RD-83	Initial purge column not met before stabilization parameters collected - Initial purge is 752 mL, first reading at 700 mL
LOW-FLOW STABILIZATION CRITERIA NOT MET		
Quarter	**Well Identifier**	**Notes**
1	RD-05B, RD-104, RD-18, RD-48C, RD-52B, RD-56A, RD-58A, RD-61, RS-33	Water level drawdown exceeded 0.3 feet
1	HAR-08	Turbidity readings exceeded ±10%, however change >10% is a mathematical artifact resulting from relatively small values where a small absolute change equates to a large percentage change; should be considered stable. Turbidity readings were 8, 8, and 7 NTU.
1	HAR-11	Dissolved oxygen readings exceeded ±10%, however change >10% is a mathematical artifact resulting from relatively small values where a small absolute change equates to a large percentage change; should be considered stable. Dissolved oxygen readings were 0.67, 0.55, and 0.57 mg/L.
1	HAR-16	Turbidity readings exceeded ±10%, however change >10% is a mathematical artifact resulting from relatively small values where a small absolute change equates to a large percentage change; should be considered stable. Turbidity readings were 3, 3, and 2 NTU.
1	RD-05A	Dissolved oxygen readings exceeded ±10%, however change >10% is a mathematical artifact resulting from relatively small values where a small absolute change equates to a large percentage change; should be considered stable. Dissolved oxygen readings were 0.69, 0.56, and 0.5 mg/L.
1	RD-08	Turbidity readings exceeded ±10%, however change >10% is a mathematical artifact resulting from relatively small values where a small absolute change equates to a large percentage change; should be considered stable. Turbidity readings were 3, 3, and 2 NTU.
1	RD-34C	Turbidity readings exceeded ±10%, however change >10% is a mathematical artifact resulting from relatively small values where a small absolute change equates to a large percentage change; should be considered stable. Turbidity readings were 18, 18, and 16 NTU.
1	HAR-01	Turbidity readings exceeded ±10%, however change >10% is a mathematical artifact resulting from relatively small values where a small absolute change equates to a large percentage change; should be considered stable. Turbidity readings were 3.4, 4.1, and 4.2 NTU.
1	HAR-07	Turbidity readings exceeded ±10%, however change >10% is a mathematical artifact resulting from relatively small values where a small absolute change equates to a large percentage change; should be considered stable. Turbidity readings were 1.3, 2, and 1.6 NTU.
1	HAR-25	Turbidity readings exceeded ±10%, however change >10% is a mathematical artifact resulting from relatively small values where a small absolute change equates to a large percentage change; should be considered stable. Turbidity readings were 1.8, 1.8, and 1.6 NTU.
1	HAR-31	Dissolved oxygen (DO) readings exceeded ±10%, however change >10% is a mathematical artifact resulting from relatively small values where a small absolute change equates to a large percentage change; should be considered stable. DO readings were 0.92, 1, and 1.11 mg/L.

TABLE 8
EXCEPTIONS TO THE WATER QUALITY SAMPLING AND ANALYSIS PLANS, 2012
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

LOW-FLOW STABILIZATION CRITERIA NOT MET (continued)		
Quarter	**Well Identifier**	**Notes**
1	PZ-076	Turbidity readings exceeded ±10%, however change >10% is a mathematical artifact resulting from relatively small values where a small absolute change equates to a large percentage change; should be considered stable. Turbidity readings were 9, 6, and 5 NTU.
1	RD-06	Dissolved oxygen (DO) readings exceeded ±10%, however change >10% is a mathematical artifact resulting from relatively small values where a small absolute change equates to a large percentage change; should be considered stable. DO readings were 0.08, 0.07, and 0.06 mg/L.
1	RD-32	Turbidity readings exceeded ±10%, however change >10% is a mathematical artifact resulting from relatively small values where a small absolute change equates to a large percentage change; should be considered stable. Turbidity readings were 0.3, 0.2, and 0 NTU.
1	RD-36B	Turbidity readings exceeded ±10%, however change >10% is a mathematical artifact resulting from relatively small values where a small absolute change equates to a large percentage change; should be considered stable. Turbidity readings were 0.8, 0.7, and 0.7 NTU.
1	RD-36C	Turbidity readings exceeded ±10%, however change >10% is a mathematical artifact resulting from relatively small values where a small absolute change equates to a large percentage change; should be considered stable. Turbidity readings were 4.3, 4, and 2.9 NTU.
1	RD-36D	Turbidity readings exceeded ±10%, however change >10% is a mathematical artifact resulting from relatively small values where a small absolute change equates to a large percentage change; should be considered stable. Turbidity readings were 1.5, 1.7, and 1.5 NTU.
1	RD-37	Turbidity readings exceeded ±10%, however change >10% is a mathematical artifact resulting from relatively small values where a small absolute change equates to a large percentage change; should be considered stable. Turbidity readings were 0.4, 0.4, and 0.5 NTU.
1	RD-38B	Turbidity and dissolved oxygen (DO) readings exceeded ±10%, however change >10% is a mathematical artifact resulting from relatively small values where a small absolute change equates to a large percentage change; should be considered stable. Turbidity readings were 2, 1.5, and 1.6 NTU. DO readings were 0.09, 0.07, and 0.06 mg/L.
1	RD-43A	Turbidity readings exceeded ±10%, however change >10% is a mathematical artifact resulting from relatively small values where a small absolute change equates to a large percentage change; should be considered stable. Turbidity readings were 7,and 8, and 8 NTU.
1	RD-43B	Turbidity and dissolved oxygen (DO) readings exceeded ±10%, however change >10% is a mathematical artifact resulting from relatively small values where a small absolute change equates to a large percentage change; should be considered stable. Turbidity readings were 10, 9, and 10 NTU. DO readings were 2.02, 1.58, and 1.36 mg/L.
1	RD-43C	Turbidity and dissolved oxygen (DO) readings exceeded ±10%, however change >10% is a mathematical artifact resulting from relatively small values where a small absolute change equates to a large percentage change; should be considered stable. Turbidity readings were 8, 7, and 7 NTU. DO readings were 0.65, 0.58, and 0.55 mg/L.
1	RD-45A	Dissolved oxygen (DO) readings exceeded ±10%, however change >10% is a mathematical artifact resulting from relatively small values where a small absolute change equates to a large percentage change; should be considered stable. DO readings were 0.76, 0.67, and 0.52 mg/L.
1	RD-46A	Turbidity readings exceeded ±10%, however change >10% is a mathematical artifact resulting from relatively small values where a small absolute change equates to a large percentage change; should be considered stable. Turbidity readings were 3, 2.8, and 2.4 NTU.
1	RD-48C	Turbidity and dissolved oxygen (DO) readings exceeded ±10%, however change >10% is a mathematical artifact resulting from relatively small values where a small absolute change equates to a large percentage change; should be considered stable. Turbidity readings were 9, 8, and 8 NTU. DO readings were 0.07, 0.05, and 0.04 mg/L.

TABLE 8
EXCEPTIONS TO THE WATER QUALITY SAMPLING AND ANALYSIS PLANS, 2012
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

LOW-FLOW STABILIZATION CRITERIA NOT MET (continued)		
Quarter	**Well Identifier**	**Notes**
1	RD-51B	Dissolved oxygen (DO) readings exceeded ±10%, however change >10% is a mathematical artifact resulting from relatively small values where a small absolute change equates to a large percentage change; should be considered stable. DO readings were 0.04, 0.03, and 0.03 mg/L.
1	RD-66	Turbidity readings exceeded ±10%, however change >10% is a mathematical artifact resulting from relatively small values where a small absolute change equates to a large percentage change; should be considered stable. Turbidity readings were 0.8, 0.6, and 1 NTU.
1	RD-70	Turbidity readings exceeded ±10%, however change >10% is a mathematical artifact resulting from relatively small values where a small absolute change equates to a large percentage change; should be considered stable. Turbidity readings were 10, 9 and 10 NTU.
1	RD-75	Dissolved oxygen (DO) readings exceeded ±10%, however change >10% is a mathematical artifact resulting from relatively small values where a small absolute change equates to a large percentage change; should be considered stable. DO readings were 0.08, 0.06, and 0.06 mg/L.
1	RD-77	Turbidity readings exceeded ±10%, however change >10% is a mathematical artifact resulting from relatively small values where a small absolute change equates to a large percentage change; should be considered stable. Turbidity readings were 6, 5, and 5 NTU.
1	RD-78	Turbidity readings exceeded ±10%, however change >10% is a mathematical artifact resulting from relatively small values where a small absolute change equates to a large percentage change; should be considered stable. Turbidity readings were 6.9, 6, and 5 NTU.
1	WS-04A	Dissolved oxygen (DO) readings exceeded ±10%, however change >10% is a mathematical artifact resulting from relatively small values where a small absolute change equates to a large percentage change; should be considered stable. DO readings were 0.15, 0.13, and 0.14 mg/L.
3	HAR-05, HAR-09, HAR-13, HAR-28, HAR-32, HAR-33, PZ-076, RD-10, RD-38B, RD-39B, RD-46B, RD-49B, RD-60, RD-78, RD-83, RS-34	Water level drawdown exceeded 0.3 feet
3	HAR-27	Turbidity readings exceeded ±10%, however change >10% is a mathematical artifact resulting from relatively small values where a small absolute change equates to a large percentage change; should be considered stable. Turbidity readings were 0.2, 0.2, and 0.3 NTU.
3	HAR-28	Turbidity readings exceeded ±10%, however change >10% is a mathematical artifact resulting from relatively small values where a small absolute change equates to a large percentage change; should be considered stable. Turbidity readings were 0, 0.1, and 0 NTU.
3	HAR-30	Turbidity readings exceeded ±10%, however change >10% is a mathematical artifact resulting from relatively small values where a small absolute change equates to a large percentage change; should be considered stable. Turbidity readings were 7.9, 7, and 6.8 NTU.
3	HAR-31	Turbidity readings exceeded ±10%. Turbidity readings were 38, 44, and 45 NTU.
3	HAR-32	Turbidity readings exceeded ±10%, however change >10% is a mathematical artifact resulting from relatively small values where a small absolute change equates to a large percentage change; should be considered stable. Turbidity readings were 4, 3, and 3 NTU.
3	RD-02	ORP readings exceeded ±10 mV. ORP readings were -63, -78, and -78 mV.
3	RD-03	Turbidity readings exceeded ±10%, however change >10% is a mathematical artifact resulting from relatively small values where a small absolute change equates to a large percentage change; should be considered stable. Turbidity readings were 5, 3, and 3 NTU.
3	RD-10	Turbidity readings exceeded ±10%, however change >10% is a mathematical artifact resulting from relatively small values where a small absolute change equates to a large percentage change; should be considered stable. Turbidity readings were 9, 8, and 8 NTU.
3	RD-43A	Turbidity readings exceeded ±10%. Turbidity readings were 17, 16, and 14 NTU.

TABLE 8
EXCEPTIONS TO THE WATER QUALITY SAMPLING AND ANALYSIS PLANS, 2012
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

LOW-FLOW STABILIZATION CRITERIA NOT MET (continued)		
Quarter	**Well Identifier**	**Notes**
3	RD-46A	Turbidity readings exceeded ±10%, however change >10% is a mathematical artifact resulting from relatively small values where a small absolute change equates to a large percentage change; should be considered stable. Turbidity readings were 0.6, 0.7, and 0.7 NTU.
3	RD-51A	Conductivity readings exceeded ±3%. Conductivity readings were 1.58, 1.45, and 1.39 mS/cm. Turbidity readings exceeded ±10%, however change >10% is a mathematical artifact resulting from relatively small values where a small absolute change equates to a large percentage change; should be considered stable. Turbidity readings were 2, 1, and 1 NTU.
QUALITY ASSURANCE PROJECT PLAN (QAPP) REQUIREMENTS		
Quarter	**Requirement**	**Exceptions**
3	RD-51C	Turbidity readings exceeded ±10%, however change >10% is a mathematical artifact resulting from relatively small values where a small absolute change equates to a large percentage change; should be considered stable. Turbidity readings were 8, 8, and 7 NTU.
3	RD-52B	Turbidity readings exceeded ±10%, however change >10% is a mathematical artifact resulting from relatively small values where a small absolute change equates to a large percentage change; should be considered stable. Turbidity readings were 3, 3, and 2 NTU.
3	RD-52C	Conductivity readings exceeded ±3%. Conductivity readings were 1.05, 1.09, and 1.103 mS/cm.
1	Trip blanks submitted daily with primary and split samples analyzed for VOC and GRO.	None - 100% submitted
1	QC samples collected	See Appendix F-1 Section 3.1.3 for details
1	Precision/Accuracy requirements met	**Split sample precision:** None - 36 of 36 relative percent difference (RPD) values met the project acceptance criterion (Appendix F-1, Section 3.2.2). **Field duplicate sample precision:** 2 of 77 RPD values did not meet the project acceptance criterion (Appendix F-1, Section 3.2.3). **Blank accuracy:** See analyses listed in Appendix F-1, Section 3.2.4.
3	Trip blanks submitted daily with primary and split samples analyzed for volatile organic compounds (VOCs) and gasoline range organics (GRO).	None - 100% submitted
3	Quality control (QC) samples collected	See Appendix F-2 Section 3.1.3 for details
3	Precision/Accuracy requirements met	**Split sample precision:** 3 of 14 RPD values did not meet the project acceptance criterion (Appendix F-2, Section 3.2.2). **Field duplicate sample precision:** 3 of 29 RPD values did not meet the project acceptance criterion (Appendix F-2, Section 3.2.3). **Blank accuracy: See** analyses listed in Appendix F-2, Section 3.2.4.

TABLE 8
EXCEPTIONS TO THE WATER QUALITY SAMPLING AND ANALYSIS PLANS, 2012
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

OTHER - includes sampling performed outside of Regulated Unit and Site-Wide Programs	
Quarter	**Issue**
1	Wells under the Leaking Underground Fuel Tanks (LUFT) Monitoring Program that were not sampled include: RD-36A, RS-01, RS-30, RS-31 - Dry RD-38A, RS-32 - Insufficient water
1	WS-09A is being used to dewater down gradient seeps; samples will be collected for Corrective Action Interim Measures (CAIM) analyses semi-annually during first and third quarters of each year.
1	Appendix IX sampling has not been performed at three wells (PZ-070, PZ-089, and RS-14) since implementation of the 2010 Regulated Unit Post-Closure Permit Monitoring Programs because the wells were either dry or contained insufficient water for purging.
1	Stabilization parameters not collected at fixed interval during sampling at the following locations: ES-28 Parameters collected every 6 to 9 minutes HAR-06 Parameters collected every 14 to 21 minutes PZ-048 Parameters collected every 2 to 3 minutes PZ-140 Parameters collected every 3 to 4 minutes PZ-141 Parameters collected every 2 to 3 minutes PZ-158 Parameters collected every 8 to 9 minutes RD-26 Parameters collected every 8 to 9 minutes RD-41C Parameters collected every 6 to 12 minutes RD-73 Parameters collected every 5 to 6 minutes RD-80 Parameters collected every 4 to 10 minutes RD-98 Parameters collected every 4 to 8 minutes RS-11 Parameters collected every 1 to 3 minutes RS-15 Parameters collected every 2 to 3 minutes
1	Purge volume requirements not met: Initial purge volume not met for stabilization parameters were collected : PZ-025 Purged dry before three-volume purge requirement met: ES-24, ES-28, HAR-17, HAR-24 (sampled next day), OS-25, PZ-015G (sampled 2 days later) Sampled before three-volume purge requirement met: RD-41C
1	Water level drawdown during purge exceeded 0.3 ft: PZ-126, PZ-140, PZ-158, RD-99
3	Wells under the Leaking Underground Fuel Tanks (LUFT) Monitoring Program that were not sampled include: RS-01 - Dry RD-36A, RD-38A, RS-30, RS-31 - Insufficient water
3	WS-09A is being used to dewater down-gradient seeps; samples will be collected for Corrective Action Interim Measures (CAIM) analyses semi-annually during first and third quarters of each year.
3	Appendix IX sampling has not been performed at three wells (PZ-070, PZ-089, and RS-14) since implementation of the 2010 Regulated Unit Post-Closure Permit Monitoring Programs because the wells were either dry or contained insufficient water for purging.

TABLE 8
EXCEPTIONS TO THE WATER QUALITY SAMPLING AND ANALYSIS PLANS, 2012
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

OTHER - includes sampling performed outside of Regulated Unit and Site-Wide Programs (continued)	
Quarter	**Issue**
3	Stabilization parameters not collected at fixed interval during sampling at the following locations:
	ES-28 — Parameters collected every 3 to 4 minutes
	PZ-058 — Parameters collected every 2 to 4 minutes
	PZ-159 — Parameters collected every 3 to 4 minutes
	RD-26 — Parameters collected every 2 to 3 minutes
	RD-31 — Westbay - Parameters only collected once prior to sample collection
	RD-35C — Westbay - Parameters only collected once prior to sample collection
	RD-72 — FLUTe - Parameters only collected 2 times prior to sample collection
	RD-73 — Parameters collected every 3 to 4 minutes
	RS-32 — Parameters collected every 6 to 8 minutes
	WS-06 — Parameters collected every 2 to 3 minutes
3	Purge volume requirements not met:
	Initial purge volume not met for stabilization parameters were collected :
	ES-28 — Initial purge column not met before stabilization parameters collected - Initial purge is 3.6 gal, first reading at 3 gal
	PZ-047 — Initial purge column not met before stabilization parameters collected - Initial purge is 714 mL, first reading at 150 mL
	PZ-048 — Initial purge column not met before stabilization parameters collected - Initial purge is 605 mL, first reading at 600 mL
	PZ-126 — Initial purge column not met before stabilization parameters collected - Initial purge is 611 mL, first reading at 600 mL
	WS-12 — Initial purge column not met before stabilization parameters collected - Initial purge is 122 gal, first reading at 100 gal
3	Water level drawdown during purge exceeded 0.3 ft:
	ES-24, HAR-17, HAR-24, PZ-048, RD-41C

ABBREVIATIONS

FLUTe - Flexible Liner Underground Technologies, LLC
gal - gallon
mL - milliliter
mS/cm - microSiemen per centimeter
mV - millivolt
NTU - nephalometric turbidity unit
ORP - oxidation reduction potential

TABLE 9
GROUNDWATER SCREENING REFERENCE VALUES
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Analyte Group	Chemical Analyte	Screening Value	Units	Screening Type
Radiochemistry	Antimony-125	300	pCi/L	Primary MCL [a]
Radiochemistry	Barium-133	1520	pCi/L	Primary MCL [b]
Radiochemistry	Cesium-134	80	pCi/L	Primary MCL [a]
Radiochemistry	Cesium-137	200	pCi/L	Primary MCL [a]
Radiochemistry	Cobalt-57	1000	pCi/L	Primary MCL [a]
Radiochemistry	Cobalt-60	100	pCi/L	Primary MCL [a]
Radiochemistry	Europium-152	200	pCi/L	Primary MCL [a]
Radiochemistry	Gross alpha	15	pCi/L	Primary MCL
Radiochemistry	Gross beta	50	pCi/L	Cal MCL
Radiochemistry	Gross beta	4	mrem/yr	Primary MCL
Radiochemistry	Manganese-54	300	pCi/L	Primary MCL [a]
Radiochemistry	Radium-226/228	5	pCi/L	Primary MCL
Radiochemistry	Sodium-22	400	pCi/L	Primary MCL [a]
Radiochemistry	Strontium-90	8	pCi/L	Primary MCL
Radiochemistry	Tritium	20000	pCi/L	Primary MCL
Radiochemistry	Uranium-233/234	20	pCi/L	Cal MCL
Radiochemistry	Uranium-235	20	pCi/L	Cal MCL
Radiochemistry	Uranium-238	20	pCi/L	Cal MCL
Halogenated Ethenes	1,2-Dichloroethenes	130	ug/L	SWGW RBSL
Halogenated Ethenes	Tetrachloroethene	5	ug/L	Primary MCL
Halogenated Ethenes	Trichloroethene	5	ug/L	Primary MCL
Halogenated Ethenes	cis-1,2-Dichloroethene	6	ug/L	Cal MCL
Halogenated Ethenes	trans-1,2-Dichloroethene	10	ug/L	Cal MCL
Halogenated Ethenes	1,1-Dichloroethene	6	ug/L	Cal MCL
Halogenated Ethenes	Vinyl chloride	0.5	ug/L	Cal MCL
Halogenated Ethanes	1,1,2,2-Tetrachloroethane	1	ug/L	Cal MCL
Halogenated Ethanes	1,1,2-Trichloroethane	5	ug/L	Primary MCL
Halogenated Ethanes	1,1,1-Trichloroethane	200	ug/L	Primary MCL
Halogenated Ethanes	1,2-Dichloroethane	0.5	ug/L	Cal MCL
Halogenated Ethanes	1,1-Dichloroethane	5	ug/L	Cal MCL
Halogenated Ethanes	Chloroethane	16	ug/L	Taste/Odor
Halogenated Ethanes	1,2-Dibromoethane	0.05	ug/L	Primary MCL
Halogenated Ethanes	1,1,2-Trichloro-1,2,2-trifluoroethane	1200	ug/L	Cal MCL
Halogenated Ethanes	1,2-Dichloro-1,1,2-trifluoroethane	190000	ug/L	SWGW RBSL
Halogenated Ethanes	2,2-Dichloro-1,1,1-trifluoroethane	190000	ug/L	SWGW RBSL
Halogenated Methanes	Carbon Tetrachloride	0.5	ug/L	Cal MCL
Halogenated Methanes	Chloroform	80	ug/L	Primary MCL
Halogenated Methanes	Methylene chloride	5	ug/L	Primary MCL
Halogenated Methanes	Chloromethane	5.7	ug/L	SWGW RBSL
Halogenated Methanes	Trichlorofluoromethane	150	ug/L	Cal MCL
Halogenated Methanes	Dichlorodifluoromethane	1000	ug/L	Notification Level
Halogenated Methanes	Bromochloromethane	34000	ug/L	Taste/Odor
Halogenated Methanes	Bromodichloromethane	80	ug/L	Primary MCL
Halogenated Methanes	Bromoform	80	ug/L	Primary MCL
Halogenated Methanes	Bromomethane	8.8	ug/L	SWGW RBSL
Halogenated Methanes	Dibromochloromethane	80	ug/L	Primary MCL
Non-Halogenated VOCs	2-Heptanone	280	ug/L	Taste/Odor
Non-Halogenated VOCs	Benzyl chloride	12	ug/L	Taste/Odor
Non-Halogenated VOCs	Cumene	770	ug/L	Notification Level
Non-Halogenated VOCs	Ethanol	760000	ug/L	Taste/Odor
Non-Halogenated VOCs	Ethyl acetate	2600	ug/L	Taste/Odor
Non-Halogenated VOCs	Ethyl ether	750	ug/L	Taste/Odor

TABLE 9
GROUNDWATER SCREENING REFERENCE VALUES
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Analyte Group	Chemical Analyte	Screening Value	Units	Screening Type
Non-Halogenated VOCs	Methanol	740000	ug/L	Taste/Odor
Non-Halogenated VOCs	m-Xylene & p-Xylene	1750	ug/L	Cal MCL
Non-Halogenated VOCs	n-Hexane	6.4	ug/L	Taste/Odor
Non-Halogenated VOCs	Pentanal	17	ug/L	Taste/Odor
Non-Halogenated VOCs	sec-Butyl alcohol	19000	ug/L	Taste/Odor
Non-Halogenated VOCs	tert-Butyl alcohol	12	ug/L	Notification Level
Non-Halogenated VOCs	1,3,5-Trimethylbenzene	330	ug/L	Notification Level
Non-Halogenated VOCs	1,2,4-Trimethylbenzene	330	ug/L	Notification Level
Non-Halogenated VOCs	2-Hexanone	250	ug/L	Taste/Odor
Non-Halogenated VOCs	Acetone	20000	ug/L	Taste/Odor
Non-Halogenated VOCs	Acetonitrile	300000	ug/L	Taste/Odor
Non-Halogenated VOCs	Acrolein	110	ug/L	Taste/Odor
Non-Halogenated VOCs	Acrylonitrile	910	ug/L	Taste/Odor
Non-Halogenated VOCs	Benzene	1	ug/L	Cal MCL
Non-Halogenated VOCs	Formaldehyde	100	ug/L	Notification Level
Non-Halogenated VOCs	Carbon Disulfide	160	ug/L	Notification Level
Non-Halogenated VOCs	Ethane	7500	ug/L	Taste/Odor
Non-Halogenated VOCs	Ethylbenzene	300	ug/L	Cal MCL
Non-Halogenated VOCs	Ethylene	39	ug/L	Taste/Odor
Non-Halogenated VOCs	Isopropanol	160000	ug/L	Taste/Odor
Non-Halogenated VOCs	m-Xylene	1750	ug/L	Cal MCL
Non-Halogenated VOCs	Methacrylonitrile	2100	ug/L	Taste/Odor
Non-Halogenated VOCs	Methane	3100	ug/L	SWGW RBSL
Non-Halogenated VOCs	Methyl ethyl ketone	3800	ug/L	SWGW RBSL
Non-Halogenated VOCs	Methyl isobutyl ketone (MIBK)	120	ug/L	Notification Level
Non-Halogenated VOCs	Methyl methacrylate	25	ug/L	Taste/Odor
Non-Halogenated VOCs	Methyl tert-butyl ether	5	ug/L	Secondary MCL
Non-Halogenated VOCs	n-Butylbenzene	260	ug/L	Notification Level
Non-Halogenated VOCs	n-Propylbenzene	260	ug/L	Notification Level
Non-Halogenated VOCs	Naphthalene	17	ug/L	Notification Level
Non-Halogenated VOCs	o + p Xylene	1750	ug/L	Cal MCL
Non-Halogenated VOCs	o-Xylene	1750	ug/L	Cal MCL
Non-Halogenated VOCs	sec-Butylbenzene	260	ug/L	Notification Level
Non-Halogenated VOCs	Styrene	100	ug/L	Primary MCL
Non-Halogenated VOCs	tert-Butylbenzene	260	ug/L	Notification Level
Non-Halogenated VOCs	Toluene	150	ug/L	Cal MCL
Non-Halogenated VOCs	Vinyl acetate	88	ug/L	Taste/Odor
Non-Halogenated VOCs	Xylenes, Total	1750	ug/L	Cal MCL
Halogenated Benzenes	1,2,3-Trichlorobenzene	2.1	ug/L	SWGW RBSL
Halogenated Benzenes	1,2,4-Trichlorobenzene	5	ug/L	Cal MCL
Halogenated Benzenes	1,2-Dichlorobenzene	600	ug/L	Primary MCL
Halogenated Benzenes	1,3-Dichlorobenzene	600	ug/L	Archived Advisory Level
Halogenated Benzenes	1,4-Dichlorobenzene	5	ug/L	Cal MCL
Halogenated Benzenes	Chlorobenzene	70	ug/L	Cal MCL
Halogenated Propene/Propanes	1,2,3-Trichloropropane	0.005	ug/L	Notification Level
Halogenated Propene/Propanes	1,2-Dibromo-3-chloropropane	0.2	ug/L	Primary MCL
Halogenated Propene/Propanes	1,2-Dichloropropane	5	ug/L	Primary MCL
Halogenated Propene/Propanes	1,3-Dichloropropane	130	ug/L	SWGW RBSL
Halogenated Propene/Propanes	1,3-Dichloropropene	0.5	ug/L	Cal MCL
Halogenated Propene/Propanes	Allyl chloride	8.9	ug/L	Taste/Odor
Halogenated Propene/Propanes	cis-1,3-Dichloropropene	0.5	ug/L	Cal MCL
Halogenated Propene/Propanes	trans-1,3-Dichloropropene	0.81	ug/L	SWGW RBSL

TABLE 9
GROUNDWATER SCREENING REFERENCE VALUES
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Analyte Group	Chemical Analyte	Screening Value	Units	Screening Type
Other Halogenated VOCs	o-Chlorotoluene	140	ug/L	Notification Level
Other Halogenated VOCs	p-Chlorotoluene	140	ug/L	Notification Level
1,4-Dioxane	1,4-Dioxane	1	ug/L	Notification Level
SVOC	Diphenyl ether	630	ug/L	SWGW RBSL
SVOC	p-Cresol	63	ug/L	SWGW RBSL
SVOC	p-Dinitrobenzene	1.3	ug/L	SWGW RBSL
SVOC	Diazinon	1.2	ug/L	Notification Level
SVOC	Diethyl phthalate	10000	ug/L	SWGW RBSL
SVOC	Ethylene glycol	14000	ug/L	Notification Level
SVOC	Hydrazine	160000	ug/L	Taste/Odor
SVOC	m-Cresol	37	ug/L	Taste/Odor
SVOC	o-Cresol	630	ug/L	SWGW RBSL
SVOC	1,2,3-Trichloropropene	0.005	ug/L	Notification Level
SVOC	1,3-Dinitrobenzene	1.3	ug/L	SWGW RBSL
SVOC	2,4,6-Trichlorophenol	2.1	ug/L	SWGW RBSL
SVOC	2,4,6-Trinitrotoluene	1	ug/L	Notification Level
SVOC	2,4-Dimethylphenol	100	ug/L	Archived Advisory Level
SVOC	2,6-Dinitrotoluene	0.22	ug/L	SWGW RBSL
SVOC	2-Chlorophenol	63	ug/L	SWGW RBSL
SVOC	3,3'-Dichlorobenzidine	0.12	ug/L	SWGW RBSL
SVOC	4,6-Dinitro-o-cresol	1.3	ug/L	SWGW RBSL
SVOC	Aniline	65000	ug/L	Taste/Odor
SVOC	Benzidine	0.0003	ug/L	SWGW RBSL
SVOC	Benzoic acid	50000	ug/L	SWGW RBSL
SVOC	bis(2-Chloroethoxy)methane	38	ug/L	SWGW RBSL
SVOC	bis(2-Chloroethyl) ether	360	ug/L	Taste/Odor
SVOC	bis(2-Ethylhexyl) phthalate	4	ug/L	Cal MCL
SVOC	Butyl benzyl phthalate	78	ug/L	SWGW RBSL
SVOC	Di-n-butyl phthalate	1300	ug/L	SWGW RBSL
SVOC	Di-n-octyl phthalate	500	ug/L	SWGW RBSL
SVOC	Dimethyl phthalate	130000	ug/L	SWGW RBSL
SVOC	Hexachlorobenzene	1	ug/L	Primary MCL
SVOC	Hexachlorocyclopentadiene	50	ug/L	Primary MCL
SVOC	Hexachloroethane	10	ug/L	Taste/Odor
SVOC	Isophorone	5400	ug/L	Taste/Odor
SVOC	Kepone	0.0093	ug/L	SWGW RBSL
SVOC	n-Nitrosodi-n-propylamine	0.01	ug/L	Notification Level
SVOC	n-Nitrosodiethylamine	0.01	ug/L	Notification Level
SVOC	n-Nitrosodiphenylamine	16	ug/L	SWGW RBSL
SVOC	Nitrobenzene	110	ug/L	Taste/Odor
SVOC	o-Toluidine	11000	ug/L	Taste/Odor
SVOC	Pentachloronitrobenzene	20	ug/L	Archived Advisory Level
SVOC	Pentachlorophenol	1	ug/L	Primary MCL
SVOC	Phenol	4200	ug/L	Archived Advisory Level
SVOC	Pyridine	950	ug/L	Taste/Odor
PAH	Benzo(a)pyrene TEQ [(c)]	0.0071	ug/L	TEQ
PAH	2-Methylnaphthalene	50	ug/L	SWGW RBSL
PAH	Anthracene	3800	ug/L	SWGW RBSL
PAH	Benzo(a)pyrene	0.2	ug/L	Primary MCL
PAH	Phenanthrene	3800	ug/L	SWGW RBSL
PAH	Pyrene	380	ug/L	SWGW RBSL
NDMA	n-Nitrosodimethylamine	0.01	ug/L	Notification Level

TABLE 9
GROUNDWATER SCREENING REFERENCE VALUES
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Analyte Group	Chemical Analyte	Screening Value	Units	Screening Type
Perchlorate	Perchlorate	6	ug/L	Cal MCL
TPH	Fuel Hydrocarbons, C4-C12, as heavy Hydrocarbons	500	ug/L	SWGW RBSL
TPH	Fuel Hydrocarbons, C6-C14, as JP-4	1800	ug/L	SWGW RBSL
TPH	Fuel Hydrocarbons, C6-C15, as JP-4	1800	ug/L	SWGW RBSL
TPH	Fuel Hydrocarbons, C6-C16, as JP-4	1800	ug/L	SWGW RBSL
TPH	Fuel Hydrocarbons, C6-C16, C21-C24, as JP-4	1800	ug/L	SWGW RBSL
TPH	Fuel Hydrocarbons, C6-C7	500	ug/L	SWGW RBSL
TPH	Fuel Hydrocarbons, C7-C10, as gasoline	5	ug/L	Taste/Odor
TPH	Fuel Hydrocarbons, C7-C14, as JP-4	1800	ug/L	SWGW RBSL
TPH	Fuel Hydrocarbons, C7-C16, as JP-4	1800	ug/L	SWGW RBSL
TPH	Fuel Hydrocarbons, C8-C10, as gasoline	5	ug/L	Taste/Odor
TPH	Fuel Hydrocarbons, C8-C12, as heavy Hydrocarbons	1800	ug/L	SWGW RBSL
TPH	Fuel Hydrocarbons, C8-C14, as heavy Hydrocarbons	1800	ug/L	SWGW RBSL
TPH	Gasoline Range Organics (C4-C12)	5	ug/L	Taste/Odor
TPH	Gasoline Range Organics (C6-C14)	5	ug/L	Taste/Odor
TPH	Gasoline Range Organics (C7-C12)	5	ug/L	Taste/Odor
TPH	Diesel Range Organics	100	ug/L	Taste/Odor
TPH	Diesel Range Organics (C12-C14)	100	ug/L	Taste/Odor
TPH	Diesel Range Organics (C13-C22)	100	ug/L	Taste/Odor
TPH	Diesel Range Organics (C14-C20)	100	ug/L	Taste/Odor
TPH	Diesel Range Organics (C15-C20)	100	ug/L	Taste/Odor
TPH	Diesel Range Organics (C20-C30)	100	ug/L	Taste/Odor
TPH	Diesel Range Organics (C21-C24)	100	ug/L	Taste/Odor
TPH	Diesel Range Organics (C21-C30)	100	ug/L	Taste/Odor
TPH	Diesel Range Organics (C8-C11)	100	ug/L	Taste/Odor
TPH	Diesel Range Organics (C8-C30)	100	ug/L	Taste/Odor
TPH	Fuel Hydrocarbons, C6-C17, as JP-4	1800	ug/L	SWGW RBSL
TPH	Gasoline Range Organics (C8-C11)	1800	ug/L	SWGW RBSL
TPH	Jet Fuel 4 (C6-C13)	1800	ug/L	SWGW RBSL
TPH	Kerosene (C10-C12)	1800	ug/L	SWGW RBSL
TPH	Kerosene (C10-C14)	1800	ug/L	SWGW RBSL
TPH	Kerosene Range Organics (C11-C14)	1800	ug/L	SWGW RBSL
TPH	Total Petroleum Hydrocarbons (as Kerosene)	1800	ug/L	SWGW RBSL
TPH	Gasoline Range Organics	5	ug/L	Taste/Odor
TPH	Gasoline Range Organics (C6-C12)	5	ug/L	Taste/Odor
PCB	Aroclor 1016	0.5	ug/L	Primary MCL
PCB	Polychlorinated biphenyls	0.5	ug/L	Primary MCL
PCB	Aroclor 1254	0.5	ug/L	Primary MCL
PCB	Aroclor 1260	0.5	ug/L	Primary MCL
PCB	Aroclor 1221	0.5	ug/L	Primary MCL
PCB	Aroclor 1232	0.5	ug/L	Primary MCL
PCB	Aroclor 1242	0.5	ug/L	Primary MCL
PCB	Aroclor 1248	0.5	ug/L	Primary MCL
Herbicides	2,4-Dichlorophenoxyacetic Acid (2,4-D)	130	ug/L	SWGW RBSL
Herbicides	2,4,5-T	130	ug/L	SWGW RBSL
Herbicides	Dinoseb	7	ug/L	Primary MCL
Herbicides	Propachlor	90	ug/L	Notification Level
Pesticides	Endosulfan I	75	ug/L	SWGW RBSL
Pesticides	Endosulfan II	75	ug/L	SWGW RBSL
Pesticides	gamma-BHC	0.2	ug/L	Primary MCL
Pesticides	Methyl parathion	2	ug/L	Archived Advisory Level
Pesticides	p,p'-Methoxychlor	30	ug/L	Cal MCL

TABLE 9
GROUNDWATER SCREENING REFERENCE VALUES
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Analyte Group	Chemical Analyte	Screening Value	Units	Screening Type
Pesticides	Parathion	40	ug/L	Archived Advisory Level
Pesticides	Endosulfan sulfate	75	ug/L	SWGW RBSL
Pesticides	4,4'-DDE	0.44	ug/L	SWGW RBSL
Pesticides	Aldrin	0.002	ug/L	Archived Advisory Level
Pesticides	alpha-BHC	0.015	ug/L	Archived Advisory Level
Pesticides	beta-BHC	0.025	ug/L	Archived Advisory Level
Pesticides	Chlordane	0.1	ug/L	Cal MCL
Pesticides	Dieldrin	0.002	ug/L	Archived Advisory Level
Pesticides	Dimethoate	1	ug/L	Archived Advisory Level
Pesticides	4,4'-DDD	0.62	ug/L	SWGW RBSL
Pesticides	Toxaphene	3	ug/L	Primary MCL
Pesticides	Endrin	2	ug/L	Primary MCL
Pesticides	Heptachlor	0.01	ug/L	Cal MCL
Pesticides	Heptachlor epoxide	0.01	ug/L	Cal MCL
Dioxins/Furans	2,3,7,8-TCDD TEQ [(d)]	0.00000037	ug/L	TEQ
Dioxins/Furans	2,3,7,8-TCDD	0.00003	ug/L	Primary MCL
Metals	Aluminum, Dissolved	13000	ug/L	SWGW RBSL
Metals	Boron, Dissolved	340	ug/L	SSFL Comparison
Metals	Tin, Dissolved	2.4	ug/L	SSFL Comparison
Metals	Antimony, Dissolved	2.5	ug/L	SSFL Comparison
Metals	Arsenic, Dissolved	7.7	ug/L	SSFL Comparison
Metals	Barium, Dissolved	150	ug/L	SSFL Comparison
Metals	Beryllium, Dissolved	0.14	ug/L	SSFL Comparison
Metals	Cadmium, Dissolved	0.2	ug/L	SSFL Comparison
Metals	Chromium, Dissolved	14	ug/L	SSFL Comparison
Metals	Cobalt, Dissolved	1.9	ug/L	SSFL Comparison
Metals	Copper, Dissolved	4.7	ug/L	SSFL Comparison
Metals	Hexavalent Chromium, Dissolved	38	ug/L	SWGW RBSL
Metals	Iron, Dissolved	4100	ug/L	SSFL Comparison
Metals	Lead, Dissolved	11	ug/L	SSFL Comparison
Metals	Magnesium, Dissolved	77000	ug/L	SSFL Comparison
Metals	Manganese, Dissolved	150	ug/L	SSFL Comparison
Metals	Mercury, Dissolved	0.063	ug/L	SSFL Comparison
Metals	Molybdenum, Dissolved	2.2	ug/L	SSFL Comparison
Metals	Nickel, Dissolved	17	ug/L	SSFL Comparison
Metals	Potassium, Dissolved	9600	ug/L	SSFL Comparison
Metals	Selenium, Dissolved	1.6	ug/L	SSFL Comparison
Metals	Silver, Dissolved	0.17	ug/L	SSFL Comparison
Metals	Sodium, Dissolved	190000	ug/L	SSFL Comparison
Metals	Strontium, Dissolved	800	ug/L	SSFL Comparison
Metals	Thallium, Dissolved	0.13	ug/L	SSFL Comparison
Metals	Vanadium, Dissolved	2.6	ug/L	SSFL Comparison
Metals	Zinc, Dissolved	6300	ug/L	SSFL Comparison
Metals	Aluminum	200	ug/L	Secondary MCL
Metals	Antimony	2.5	ug/L	SSFL Comparison
Metals	Arsenic	7.7	ug/L	SSFL Comparison
Metals	Barium	150	ug/L	SSFL Comparison
Metals	Beryllium	0.14	ug/L	SSFL Comparison
Metals	Boron	340	ug/L	SSFL Comparison
Metals	Cadmium	0.2	ug/L	SSFL Comparison
Metals	Chromium	14	ug/L	SSFL Comparison
Metals	Cobalt	1.9	ug/L	SSFL Comparison

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GROUNDWATER SCREENING REFERENCE VALUES
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Analyte Group	Chemical Analyte	Screening Value	Units	Screening Type
Metals	Copper	4.7	ug/L	SSFL Comparison
Metals	Hexavalent Chromium	14	ug/L	SSFL Comparison
Metals	Iron	4100	ug/L	SSFL Comparison
Metals	Lead	11	ug/L	SSFL Comparison
Metals	Magnesium	77000	ug/L	SSFL Comparison
Metals	Manganese	150	ug/L	SSFL Comparison
Metals	Mercury	0.063	ug/L	SSFL Comparison
Metals	Molybdenum	2.2	ug/L	SSFL Comparison
Metals	Nickel	17	ug/L	SSFL Comparison
Metals	Potassium	9600	ug/L	SSFL Comparison
Metals	Selenium	1.6	ug/L	SSFL Comparison
Metals	Silver	0.17	ug/L	SSFL Comparison
Metals	Sodium	190000	ug/L	SSFL Comparison
Metals	Strontium	800	ug/L	SSFL Comparison
Metals	Thallium	0.13	ug/L	SSFL Comparison
Metals	Tin	2.4	ug/L	SSFL Comparison
Metals	Vanadium	2.6	ug/L	SSFL Comparison
Metals	Zinc	6300	ug/L	SSFL Comparison
Inorganics	Chlorine	4000	ug/L	Primary MCL
Inorganics	Nitrate-NO3	45000	ug/L	Cal MCL
Inorganics	Chloride	250000	ug/L	Secondary MCL
Inorganics	Chlorate	0.8	ug/L	Notification Level
Inorganics	Cyanides	150	ug/L	Cal MCL
Inorganics	Fluoride	800	ug/L	SSFL Comparison
Inorganics	HMX	350	ug/L	Notification Level
Inorganics	Nitrate-N	10000	ug/L	Primary MCL
Inorganics	Nitrite-N	1000	ug/L	Primary MCL
Inorganics	RDX	0.3	ug/L	Notification Level
Inorganics	Sulfate	376000	ug/L	SSFL Comparison
Inorganics	Total Dissolved Solids	500000	ug/L	Recommended SMCL
Inorganics	Total Dissolved Solids	1000000	ug/L	Upper SMCL
Inorganics	Total Dissolved Solids	1500000	ug/L	Short-Term SMCL
General Parameters	Formic Acid	1700000	ug/L	Taste/Odor
General Parameters	Turbidity	5	NTU	Secondary MCL
General Parameters	Specific conductivity	900	umhos/cm	Recommended SMCL
General Parameters	Specific conductivity	1600	umhos/cm	Upper SMCL
General Parameters	Specific conductivity	2200	umhos/cm	Short-Term SMCL

NOTES AND ABBREVIATIONS

VOCs - volatile organic compounds
SVOC - semi volatile organic compound
PAH - polycyclic aromatic hydrocarbon
NDMA - n-Nitrosodimethylamine
TPH - total petroleum hydrocarbons
PCB - polychlorinated biphenyl

Primary MCL - Primary Maximum Contaminant Level
Cal MCL - California Primary Maximum Contaminant Level
Secondary MCL - Secondary Maximum Contaminant Level
SMCL - Secondary Maximum Contaminant Level
Taste/Odor - Taste/Odor Threshold
SSFL Comparison - site-specific values for metals developed by DTSC
SWGW RBSL - Site-Wide Groundwater Risk-Based Screening Level
TEQ - toxicity equivalency quotient

ug/L - micrograms per liter
pCi/L - picocuries per liter
mrem/yr - millirem per year
NTU - nephelometric turbidity units
umhos/cm - micromhos per centimeter

(a) - isotope-specific MCL for beta emitters based on Primary MCL of 4 mrem/yr critical organ dose limit for gross beta (EPA, 2000)
(b) - isotope-specific MCL for beta emitters based on the 4 mrem/yr effective dose equivalent for gross beta (EPA, 2000)
(c) - Benzo(a)pyrene TEQ includes the seven generally recognized carcinogenic PAHS:
benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, benzo(k)fluoranthene, chrysene, dibenzo(a,h)anthracene, and indeno(1,2,3-,cd)pyrene
(d) - 2,3,7,8-TCDD TEQ includes all dioxin and furan congeners that are chlorinated in all four of the 2, 3, 7, and 8 positions.

TABLE 10
FIRST-TIME DETECTS, 2012
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Analyte	Well Identifier	Event	Sample Type	Result	Groundwater Screening Reference Value	Units	Screening Type	Groundwater Unit	Monitoring Program										
									Regulated Unit PCP								Other		
									Bkgd	DM	EM	EM (aff)	POC	CAIM	Site-Wide	LUFT	SMOU RFI	Area IV	GW RI
1,1,2-Trichloro-1,2,2-trifluoroethane	HAR-01	2012Q1	Primary Sample	1.1 J	1200	ug/L	Cal MCL	Chatsworth			X				X				
	RD-69	2012Q1	Primary Sample	3.3 J	1200	ug/L	Cal MCL	Chatsworth							X				
1,1-Dichloroethane	RD-100 *	2012Q1	Primary Sample	**5.4**	5	ug/L	Cal MCL	Chatsworth											X
1,1-Dichloroethene	PZ-017A	2012Q3	Primary Sample	0.29 J	6	ug/L	Cal MCL	Shallow											X
	PZ-047	2012Q3	Primary Sample	0.33 J	6	ug/L	Cal MCL	Shallow											X
	PZ-048	2012Q1	Primary Sample	4.8 J	6	ug/L	Cal MCL	Shallow											X
	RD-100 *	2012Q1	Primary Sample	3.9	6	ug/L	Cal MCL	Chatsworth							X				X
	RD-99 *	2012Q1	Primary Sample	1.1	6	ug/L	Cal MCL	Chatsworth											X
1,1-Dimethylhydrazine	HAR-07	2012Q3	Primary Sample	4.8 J	--	ug/L	--	Shallow			X	X							
	RD-48A	2012Q3	Primary Sample	6 J	--	ug/L	--	Shallow			X								
	RD-58A	2012Q3	Field Duplicate	6.3 J	--	ug/L	--	Shallow			X								
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	PZ-139	2012Q3	Split Sample	0.15 J	--	pg/L	--	Shallow										X	
1,3-Dichlorobenzene	HAR-19	2012Q1	Primary Sample	0.49 J	0.6	ug/L	Archived Advisory Level	Chatsworth				X							X
1,4-Dioxane	ES-24	2012Q1	Primary Sample	**58**	1	ug/L	Notification Level	Shallow											X
	RD-100 *	2012Q1	Primary Sample	**16**	1	ug/L	Notification Level	Chatsworth											X
	RD-42	2012Q1	Primary Sample	**1.9 J**	1	ug/L	Notification Level	Chatsworth							X				
2,3,7,8-TCDD	ES-17	2012Q3	Split Sample	0.59 J	30	pg/L	Primary MCL	Shallow						X					
2,3,7,8-TCDD TEQ	ES-17	2012Q1	Primary Sample	**0.00033**	0.00000037	pg/L	TEQ	Shallow				X			X				
	HAR-01	2012Q1	Primary Sample	**0.00078**	0.00000037	pg/L	TEQ	Chatsworth				X			X				
	RD-61 *	2012Q1	Primary Sample	**0.00072**	0.00000037	pg/L	TEQ	Chatsworth							X				
2-Chloronaphthalene	HAR-17	2012Q3	Primary Sample	0.56 J	--	ug/L	--	Shallow											X
Acetone	ES-24	2012Q3	Primary Sample	12 J	20000	ug/L	Taste/Odor	Shallow											X
	HAR-05	2012Q3	Primary Sample	5 J	20000	ug/L	Taste/Odor	Shallow			X								
	RD-20	2012Q1	Primary Sample	59	20000	ug/L	Taste/Odor	Chatsworth							X				
	RD-42	2012Q3	Primary Sample	4.4 J	20000	ug/L	Taste/Odor	Shallow							X				
	RD-46A	2012Q3	Primary Sample	570 J	20000	ug/L	Taste/Odor	Shallow			X								
	RD-81	2012Q1	Primary Sample	3 J	20000	ug/L	Taste/Odor	Chatsworth							X				
Acetonitrile	RD-08	2012Q1	Primary Sample	15 J	300000	ug/L	Taste/Odor	Chatsworth				X							
Ammonia-N	ES-17	2012Q3	Primary Sample	0.12 J	--	mg/L	--	Shallow		X	X	X							
	HAR-12	2012Q3	Primary Sample	0.12 J	--	mg/L	--	Shallow		X	X	X							
	HAR-19	2012Q1	Primary Sample	0.083 J	--	mg/L	--	Chatsworth		X	X								
	PZ-060	2012Q1	Primary Sample	0.14 J	--	mg/L	--	Shallow			X								
	RD-53	2012Q3	Primary Sample	0.056 J	--	mg/L	--	Shallow			X								
	RS-34	2012Q1	Primary Sample	0.069 J	--	mg/L	--	Shallow		X	X		X						
Antimony	HAR-08	2012Q1	Primary Sample	0.00063 J	0.0025	mg/L	SSFL Comparison	Chatsworth				X							
	OS-02 *	2012Q1	Primary Sample	0.0002 J	0.0025	mg/L	SSFL Comparison	Chatsworth							X				
	OS-04 *	2012Q1	Primary Sample	0.00077 J	0.0025	mg/L	SSFL Comparison	Chatsworth							X				
Antimony, Dissolved	PZ-159	2012Q1	Primary Sample	0.00023 J	0.0025	mg/L	SSFL Comparison	Shallow									X		
Arsenic	OS-02 *	2012Q1	Primary Sample	0.00034 J	0.0077	mg/L	SSFL Comparison	Chatsworth							X				
	RD-100 *	2012Q1	Primary Sample	0.00048 J	0.0077	mg/L	SSFL Comparison	Chatsworth											X
Arsenic, Dissolved	RD-100 *	2012Q1	Primary Sample	0.00045 J	0.0077	mg/L	SSFL Comparison	Chatsworth											X

TABLE 10
FIRST-TIME DETECTS, 2012
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Analyte	Well Identifier	Event	Sample Type	Result	Groundwater Screening Reference Value	Units	Screening Type	Groundwater Unit	Monitoring Program										
									Regulated Unit PCP								Other		
									Bkgd	DM	EM	EM (aff)	POC	CAIM	Site-Wide	LUFT	SMOU RFI	Area IV	GW RI
Barium	OS-02 *	2012Q1	Primary Sample	0.021	0.15	mg/L	SSFL Comparison	Chatsworth							X				
	OS-03 *	2012Q1	Primary Sample	0.04	0.15	mg/L	SSFL Comparison	Chatsworth							X				
	OS-04 *	2012Q1	Primary Sample	0.03	0.15	mg/L	SSFL Comparison	Chatsworth							X				
	RD-100 *	2012Q1	Primary Sample	0.016	0.15	mg/L	SSFL Comparison	Chatsworth											X
Barium, Dissolved	OS-02	2012Q1	Primary Sample	0.022	0.15	mg/L	SSFL Comparison	Chatsworth							X				
	OS-03	2012Q1	Primary Sample	0.048	0.15	mg/L	SSFL Comparison	Chatsworth							X				
	OS-04	2012Q1	Primary Sample	0.033	0.15	mg/L	SSFL Comparison	Chatsworth							X				
	RD-100 *	2012Q1	Primary Sample	0.017 J	0.15	mg/L	SSFL Comparison	Chatsworth											X
Benzene	PZ-139	2012Q3	Primary Sample	0.28 J	1	ug/L	Cal MCL	Shallow										X	
Benzyl alcohol	HAR-07	2012Q1	Primary Sample	0.51 J	--	ug/L	--	Chatsworth				X							
Beryllium	HAR-27	2012Q1	Primary Sample	9.4E-05 J	0.00014	mg/L	SSFL Comparison	Shallow				X							
	PZ-108	2012Q1	Primary Sample	9.7E-05 J	0.00014	mg/L	SSFL Comparison	Shallow							X				
	RD-104	2012Q1	Primary Sample	**0.00035 J**	0.00014	mg/L	SSFL Comparison	Chatsworth				X							
	RD-59A	2012Q1	Primary Sample	0.00011 J	0.00014	mg/L	SSFL Comparison	Chatsworth							X				
Beryllium, Dissolved	HAR-07	2012Q1	Field Duplicate	**0.00019 J**	0.00014	mg/L	SSFL Comparison	Chatsworth				X							
bis(2-Ethylhexyl) phthalate	ES-26	2012Q1	Primary Sample	0.95 J	4	ug/L	Cal MCL	Shallow	X										
	HAR-31	2012Q1	Primary Sample	3.1 J	4	ug/L	Cal MCL	Shallow	X										
	HAR-32	2012Q3	Primary Sample	0.79 J	4	ug/L	Cal MCL	Shallow			X								
	PZ-141	2012Q1	Primary Sample	0.27 J	4	ug/L	Cal MCL	Shallow									X		
	PZ-141	2012Q1	Field Duplicate	0.15 J	4	ug/L	Cal MCL	Shallow									X		
	RD-53	2012Q3	Primary Sample	2.7 J	4	ug/L	Cal MCL	Shallow			X								
Bromide	PZ-159	2012Q3	Primary Sample	0.12 J	--	mg/L	--	Shallow										X	
Cadmium	ES-17	2012Q1	Primary Sample	6.1E-05 J	0.0002	mg/L	SSFL Comparison	Shallow				X							
	ES-27	2012Q1	Primary Sample	4.9E-05 J	0.0002	mg/L	SSFL Comparison	Shallow				X							
	HAR-19	2012Q1	Field Duplicate	0.00017 J	0.0002	mg/L	SSFL Comparison	Chatsworth				X							
	RD-59A	2012Q1	Primary Sample	5.3E-05 J	0.0002	mg/L	SSFL Comparison	Chatsworth							X				
	RD-59B	2012Q1	Primary Sample	5.4E-05 J	0.0002	mg/L	SSFL Comparison	Chatsworth							X				
Cadmium, Dissolved	RD-08	2012Q1	Primary Sample	5.6E-05 J	0.0002	mg/L	SSFL Comparison	Chatsworth				X							
Chloroform	HAR-32	2012Q3	Primary Sample	0.35 J	80	ug/L	Primary MCL	Shallow			X								
	PZ-027	2012Q3	Primary Sample	1 J	80	ug/L	Primary MCL	Shallow											X
Chromium	RD-08	2012Q1	Primary Sample	0.00053 J	0.014	mg/L	SSFL Comparison	Chatsworth				X							
	RD-100	2012Q3	Primary Sample	0.002	0.014	mg/L	SSFL Comparison	Shallow											X
	RD-18	2012Q1	Field Duplicate	0.00059 J	0.014	mg/L	SSFL Comparison	Chatsworth							X				
	RD-85	2012Q1	Primary Sample	0.00074 J	0.014	mg/L	SSFL Comparison	Chatsworth							X				
	RS-34	2012Q1	Primary Sample	0.0012 J	0.014	mg/L	SSFL Comparison	Shallow				X							
Chromium, Dissolved	PZ-108	2012Q1	Primary Sample	0.00068 J	0.014	mg/L	SSFL Comparison	Shallow							X				
Chrysene	PZ-140	2012Q3	Field Duplicate	0.0064 J	--	ug/L	--	Shallow										X	
	PZ-140	2012Q3	Primary Sample	0.0033 J	--	ug/L	--	Shallow										X	
cis-1,2-Dichloroethene	PZ-076	2012Q1	Primary Sample	0.17 J	6	ug/L	Cal MCL	Shallow							X				
	RD-100 *	2012Q1	Primary Sample	2.3	6	ug/L	Cal MCL	Chatsworth											X
	RD-69	2012Q1	Primary Sample	0.7 J	6	ug/L	Cal MCL	Chatsworth							X				
	RD-99 *	2012Q1	Primary Sample	0.37 J	6	ug/L	Cal MCL	Chatsworth											X
Cobalt	RD-100 *	2012Q1	Primary Sample	0.00025 J	0.0019	mg/L	SSFL Comparison	Chatsworth											X

TABLE 10
FIRST-TIME DETECTS, 2012
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Analyte	Well Identifier	Event	Sample Type	Result	Groundwater Screening Reference Value	Units	Screening Type	Groundwater Unit	Monitoring Program										
									Regulated Unit PCP								Other		
									Bkgd	DM	EM	EM (aff)	POC	CAIM	Site-Wide	LUFT	SMOU RFI	Area IV	GW RI
Cobalt, Dissolved	OS-04 *	2012Q1	Primary Sample	8.6E-05 J	0.0019	mg/L	SSFL Comparison	Chatsworth							X				
	RD-100 *	2012Q1	Primary Sample	0.00033 J	0.0019	mg/L	SSFL Comparison	Chatsworth											X
Copper	RD-100	2012Q3	Primary Sample	0.002	0.0047	mg/L	SSFL Comparison	Shallow											X
	RD-19	2012Q1	Primary Sample	0.00062 J	0.0047	mg/L	SSFL Comparison	Chatsworth							X				
	RD-50 (Port 2)	2012Q1	Primary Sample	0.00077 J	0.0047	mg/L	SSFL Comparison	Chatsworth							X				
	RD-50 (Port 2)	2012Q1	Split Sample	0.00075 J	0.0047	mg/L	SSFL Comparison	Chatsworth							X				
Copper, Dissolved	PZ-108	2012Q1	Primary Sample	0.0011 J	0.0047	mg/L	SSFL Comparison	Shallow							X				
	RD-104	2012Q1	Primary Sample	0.00091 J	0.0047	mg/L	SSFL Comparison	Chatsworth				X							
Cyanides	HAR-07	2012Q1	Primary Sample	0.0022 J	0.15	mg/L	Cal MCL	Chatsworth				X							
	HAR-07	2012Q1	Field Duplicate	0.0026 J	0.15	mg/L	Cal MCL	Chatsworth				X							
	HAR-09	2012Q1	Primary Sample	0.0021 J	0.15	mg/L	Cal MCL	Shallow				X							
	HAR-11	2012Q1	Primary Sample	0.0034 J	0.15	mg/L	Cal MCL	Shallow				X							
	HAR-19	2012Q1	Primary Sample	0.002 J	0.15	mg/L	Cal MCL	Chatsworth				X							
	HAR-29	2012Q1	Primary Sample	0.002 J	0.15	mg/L	Cal MCL	Shallow				X							
	PZ-060	2012Q1	Primary Sample	0.0051 J	0.15	mg/L	Cal MCL	Shallow				X							
	RS-33	2012Q1	Primary Sample	0.002 J	0.15	mg/L	Cal MCL	Shallow				X							
Diesel Range Organics (C12-C14)	PZ-017B *	2012Q1	Primary Sample	0.056 J	0.1	mg/L	Taste/Odor	Shallow											X
	PZ-084 *	2012Q1	Primary Sample	**5.9**	0.1	mg/L	Taste/Odor	Shallow											X
	RD-35B *	2012Q1	Primary Sample	**2.1**	0.1	mg/L	Taste/Odor	Chatsworth											X
	RD-45B	2012Q3	Primary Sample	**0.24**	0.1	mg/L	Taste/Odor	Shallow			X								
Diesel Range Organics (C15-C20)	PZ-017A *	2012Q3	Primary Sample	**0.24**	0.1	mg/L	Taste/Odor	Shallow											X
	PZ-017B *	2012Q1	Primary Sample	**0.23 J**	0.1	mg/L	Taste/Odor	Shallow											X
	PZ-084 *	2012Q1	Primary Sample	**3.5**	0.1	mg/L	Taste/Odor	Shallow											X
	RD-35B *	2012Q1	Primary Sample	**2.3**	0.1	mg/L	Taste/Odor	Chatsworth											X
	RD-72 (Port 4) *	2012Q1	Primary Sample	**27**	0.1	mg/L	Taste/Odor	Chatsworth											X
	RD-76 *	2012Q1	Primary Sample	0.054 J	0.1	mg/L	Taste/Odor	Chatsworth											X
Diesel Range Organics (C21-C30)	PZ-017A *	2012Q3	Primary Sample	**0.5**	0.1	mg/L	Taste/Odor	Shallow											X
	PZ-017B *	2012Q1	Primary Sample	0.068 J	0.1	mg/L	Taste/Odor	Shallow											X
	PZ-048	2012Q1	Primary Sample	0.095 J	0.1	mg/L	Taste/Odor	Shallow											X
	PZ-084 *	2012Q1	Primary Sample	**0.1 J**	0.1	mg/L	Taste/Odor	Shallow											X
	RD-35B *	2012Q1	Primary Sample	0.041 J	0.1	mg/L	Taste/Odor	Chatsworth											X
	RD-41C *	2012Q1	Primary Sample	0.031 J	0.1	mg/L	Taste/Odor	Chatsworth											X
	RD-58C *	2012Q1	Primary Sample	0.088 J	0.1	mg/L	Taste/Odor	Chatsworth											X
Diesel Range Organics (C8-C30)	PZ-017A *	2012Q3	Primary Sample	**0.77**	0.1	mg/L	Taste/Odor	Shallow											X
	PZ-017B *	2012Q1	Primary Sample	**0.38**	0.1	mg/L	Taste/Odor	Shallow											X
	PZ-048	2012Q1	Primary Sample	**0.46**	0.1	mg/L	Taste/Odor	Shallow											X
	PZ-084 *	2012Q1	Primary Sample	**11**	0.1	mg/L	Taste/Odor	Shallow											X
	RD-35B *	2012Q1	Primary Sample	**4.3**	0.1	mg/L	Taste/Odor	Chatsworth											X
	RD-45B	2012Q3	Primary Sample	**0.27**	0.1	mg/L	Taste/Odor	Shallow			X								
	RD-58C *	2012Q1	Primary Sample	**0.1 J**	0.1	mg/L	Taste/Odor	Chatsworth											X
	RD-72 (Port 4) *	2012Q1	Primary Sample	**27**	0.1	mg/L	Taste/Odor	Chatsworth											X

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SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Analyte	Well Identifier	Event	Sample Type	Result	Groundwater Screening Reference Value	Units	Screening Type	Groundwater Unit	Monitoring Program										
									Regulated Unit PCP								Other		
									Bkgd	DM	EM	EM (aff)	POC	CAIM	Site-Wide	LUFT	SMOU RFI	Area IV	GW RI
Diethyl phthalate	HAR-07	2012Q3	Field Duplicate	0.52 J	10000	ug/L	SWGW RBSL	Shallow			X	X							
	RD-100	2012Q3	Primary Sample	5.3	10000	ug/L	SWGW RBSL	Shallow											X
	RD-43A	2012Q3	Primary Sample	0.36 J	10000	ug/L	SWGW RBSL	Shallow			X								
	RD-55A	2012Q1	Primary Sample	0.67 J	10000	ug/L	SWGW RBSL	Chatsworth			X								
Dimethyl phthalate	PZ-141	2012Q1	Primary Sample	0.018 J	130000	ug/L	SWGW RBSL	Shallow									X		
Di-n-octyl phthalate	ES-26	2012Q1	Primary Sample	0.51 J	500	ug/L	SWGW RBSL	Shallow	X										
	HAR-23	2012Q1	Primary Sample	1.9 J	500	ug/L	SWGW RBSL	Chatsworth			X								
	RD-36B	2012Q3	Primary Sample	2.2 J	500	ug/L	SWGW RBSL	Shallow			X								
	RD-36C	2012Q3	Primary Sample	2.2 J	500	ug/L	SWGW RBSL	Shallow			X								
	RD-45B	2012Q3	Primary Sample	1.7 J	500	ug/L	SWGW RBSL	Shallow			X								
Formaldehyde	HAR-12	2012Q1	Primary Sample	14 J	100	ug/L	Notification Level	Shallow		X	X								
	HAR-13	2012Q1	Primary Sample	14 J	100	ug/L	Notification Level	Shallow	X										
	HAR-14	2012Q1	Primary Sample	15 J	100	ug/L	Notification Level	Shallow		X	X		X						
	HAR-28	2012Q1	Primary Sample	12 J	100	ug/L	Notification Level	Shallow		X	X								
	HAR-29	2012Q1	Primary Sample	12 J	100	ug/L	Notification Level	Shallow		X	X								
	RD-68A	2012Q3	Primary Sample	9.8 J	100	ug/L	Notification Level	Shallow			X								
Gasoline Range Organics (C6-C12)	HAR-18 *	2012Q1	Primary Sample	**1900 J**	5	ug/L	Taste/Odor	Chatsworth											X
	OS-26 *	2012Q1	Primary Sample	**15 J**	5	ug/L	Taste/Odor	Chatsworth											X
	PZ-017A *	2012Q3	Primary Sample	**200**	5	ug/L	Taste/Odor	Shallow											X
	PZ-017B *	2012Q1	Primary Sample	**480**	5	ug/L	Taste/Odor	Shallow											X
	PZ-048 *	2012Q1	Primary Sample	**2100**	5	ug/L	Taste/Odor	Shallow											X
	PZ-084 *	2012Q1	Primary Sample	**530 J**	5	ug/L	Taste/Odor	Shallow											X
	PZ-087B *	2012Q1	Primary Sample	**250 J**	5	ug/L	Taste/Odor	Shallow											X
	RD-01 *	2012Q1	Primary Sample	**550 J**	5	ug/L	Taste/Odor	Chatsworth											X
	RD-06 *	2012Q1	Primary Sample	**24 J**	5	ug/L	Taste/Odor	Chatsworth											X
	RD-100	2012Q3	Primary Sample	**12 J**	5	ug/L	Taste/Odor	Shallow											X
	RD-31 (Port1) *	2012Q1	Primary Sample	**35 J**	5	ug/L	Taste/Odor	Chatsworth											X
	RD-35A *	2012Q1	Primary Sample	**35 J**	5	ug/L	Taste/Odor	Chatsworth											X
	RD-35B *	2012Q1	Primary Sample	**840 J**	5	ug/L	Taste/Odor	Chatsworth											X
	RD-41B *	2012Q1	Primary Sample	**780**	5	ug/L	Taste/Odor	Chatsworth											X
	RD-55A	2012Q3	Primary Sample	**12 J**	5	ug/L	Taste/Odor	Shallow											X
	RD-56A *	2012Q1	Primary Sample	**240 J**	5	ug/L	Taste/Odor	Chatsworth											X
	RD-58C *	2012Q1	Primary Sample	**12 J**	5	ug/L	Taste/Odor	Chatsworth											X
	RD-67	2012Q3	Primary Sample	**15 J**	5	ug/L	Taste/Odor	Shallow											X
	RD-72 (Port 4) *	2012Q1	Primary Sample	**870 J**	5	ug/L	Taste/Odor	Chatsworth											X
	RD-78 *	2012Q1	Primary Sample	**16 J**	5	ug/L	Taste/Odor	Chatsworth											X
Gross alpha	RD-50 (Port 2) *	2012Q1	Split Sample	10.7	15	pCi/L	Primary MCL	Chatsworth							X				
Gross Alpha, Dissolved	RD-60	2012Q1	Primary Sample	10.71 ± 3.87	15	pCi/L	Primary MCL	Chatsworth							X				

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									Regulated Unit PCP								Other		
									Bkgd	DM	EM	EM (aff)	POC	CAIM	Site-Wide	LUFT	SMOU RFI	Area IV	GW RI
Gross alpha, Particulate	HAR-18	2012Q3	Primary Sample	1.1 J ± 0.64	15	pCi/L	Primary MCL	Shallow											X
	HAR-20 *	2012Q1	Primary Sample	0.27 J ± 0.27	15	pCi/L	Primary MCL	Chatsworth											X
	RD-102 *	2012Q1	Primary Sample	7.79 ± 2.34	15	pCi/L	Primary MCL	Chatsworth											X
	RD-19	2012Q1	Primary Sample	0.38 J ± 0.3	15	pCi/L	Primary MCL	Chatsworth							X				
	RD-20	2012Q1	Primary Sample	5.57 ± 1.37	15	pCi/L	Primary MCL	Chatsworth							X				
	RD-50 (Port 2)	2012Q1	Primary Sample	1.01 J ± 0.64	15	pCi/L	Primary MCL	Chatsworth							X				
	RD-56A	2012Q3	Primary Sample	1.7 J ± 0.79	15	pCi/L	Primary MCL	Shallow							X				
	RS-11 *	2012Q1	Primary Sample	**56.18 ± 7.98**	15	pCi/L	Primary MCL	Shallow											X
	RS-36 *	2012Q1	Primary Sample	0.71 ± 0.42	15	pCi/L	Primary MCL	Shallow											X
Gross beta	RD-50 (Port 2) *	2012Q1	Split Sample	6.48	50	pCi/L	Cal MCL	Chatsworth							X				
Gross Beta, Dissolved	RD-60	2012Q1	Primary Sample	13.59 ± 4.01	50	pCi/L	Cal MCL	Chatsworth							X				
	RS-36 *	2012Q1	Primary Sample	10.54 ± 3.45	50	pCi/L	Cal MCL	Shallow											X
Gross beta, Particulate	HAR-18	2012Q3	Primary Sample	5.5 J ± 1.6	50	pCi/L	Cal MCL	Shallow											X
	HAR-20	2012Q3	Primary Sample	10 J ± 1.7	50	pCi/L	Cal MCL	Shallow											X
	RD-102 *	2012Q1	Primary Sample	8.43 ± 2	50	pCi/L	Cal MCL	Chatsworth											X
	RD-20	2012Q1	Primary Sample	5.97 ± 1.72	50	pCi/L	Cal MCL	Chatsworth							X				
	RD-56A	2012Q3	Primary Sample	7.2 J ± 1.6	50	pCi/L	Cal MCL	Shallow							X				
	RD-60	2012Q3	Primary Sample	6.6 J ± 1.6	50	pCi/L	Cal MCL	Shallow							X				
	RD-63	2012Q1	Primary Sample	2.1 J ± 0.63	50	pCi/L	Cal MCL	Chatsworth							X				
	RS-11 *	2012Q1	Primary Sample	47.85 ± 3.5	50	pCi/L	Cal MCL	Shallow											X
Hexachlorodibenzo-p-dioxins	HAR-09	2012Q1	Split Sample	1.3 J	--	pg/L	--	Shallow				X							
Hexavalent Chromium	PZ-139	2012Q3	Primary Sample	0.0062 J	0.014	mg/L	SSFL Comparison	Shallow										X	
	PZ-140	2012Q3	Field Duplicate	0.013 J	0.014	mg/L	SSFL Comparison	Shallow										X	
	PZ-140	2012Q3	Primary Sample	**0.018 J**	0.014	mg/L	SSFL Comparison	Shallow										X	
Hexavalent Chromium, Dissolved	PZ-140	2012Q3	Field Duplicate	0.012 J	0.038	mg/L	SWGW RBSL	Shallow										X	
	PZ-140	2012Q3	Primary Sample	0.014 J	0.038	mg/L	SWGW RBSL	Shallow										X	
Iron	RD-100 *	2012Q1	Primary Sample	0.19 J	4.1	mg/L	SSFL Comparison	Chatsworth											X
Iron, Dissolved	RD-100 *	2012Q1	Primary Sample	0.16 J	4.1	mg/L	SSFL Comparison	Chatsworth											X
	RS-33	2012Q1	Primary Sample	0.027 J	4.1	mg/L	SSFL Comparison	Shallow		X									
Lead	PZ-108	2012Q1	Primary Sample	0.0009 J	0.011	mg/L	SSFL Comparison	Shallow							X				
	RD-100	2012Q3	Primary Sample	0.00096 J	0.011	mg/L	SSFL Comparison	Shallow											X
	RS-34	2012Q1	Primary Sample	0.00018 J	0.011	mg/L	SSFL Comparison	Shallow				X							
Lead, Dissolved	RD-104	2012Q1	Primary Sample	0.00076 J	0.011	mg/L	SSFL Comparison	Chatsworth				X							
Manganese	RD-100 *	2012Q1	Primary Sample	0.13	0.15	mg/L	SSFL Comparison	Chatsworth											X
Manganese, Dissolved	RD-100 *	2012Q1	Primary Sample	0.13	0.15	mg/L	SSFL Comparison	Chatsworth											X
Mercury, Dissolved	HAR-16	2012Q1	Primary Sample	2.7E-05 J	0.000063	mg/L	SSFL Comparison	Chatsworth				X							
Methyl ethyl ketone	RD-33B	2012Q1	Primary Sample	2.6 J	3800	ug/L	SWGW RBSL	Chatsworth							X				
Methylene chloride	RD-41B	2012Q3	Primary Sample	2 J	5	ug/L	Primary MCL	Shallow							X				
	RD-41B	2012Q3	Field Duplicate	2.1 J	5	ug/L	Primary MCL	Shallow							X				
Monomethylhydrazine	RD-03	2012Q3	Primary Sample	8.5 J	--	ug/L	--	Shallow			X								
Naphthalene	HAR-23	2012Q1	Primary Sample	0.45 J	17	ug/L	Notification Level	Chatsworth											X
Nickel	OS-04 *	2012Q1	Primary Sample	0.00033 J	0.017	mg/L	SSFL Comparison	Chatsworth							X				
	RD-100 *	2012Q1	Primary Sample	0.0014 J	0.017	mg/L	SSFL Comparison	Chatsworth											X

TABLE 10
FIRST-TIME DETECTS, 2012
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Analyte	Well Identifier	Event	Sample Type	Result	Groundwater Screening Reference Value	Units	Screening Type	Groundwater Unit	Monitoring Program										
									Regulated Unit PCP								Other		
									Bkgd	DM	EM	EM (aff)	POC	CAIM	Site-Wide	LUFT	SMOU RFI	Area IV	GW RI
Nickel, Dissolved	OS-04	2012Q1	Primary Sample	0.00049 J	0.017	mg/L	SSFL Comparison	Chatsworth							X				
	RD-100 *	2012Q1	Primary Sample	0.0013 J	0.017	mg/L	SSFL Comparison	Chatsworth											X
Nitrate-NO3	RD-12	2012Q1	Primary Sample	0.19 J	45	mg/L	Cal MCL	Chatsworth			X								
	RD-68A	2012Q3	Primary Sample	1.8 J	45	mg/L	Cal MCL	Shallow			X								
n-Nitrosodimethylamine	PZ-027	2012Q1	Field Duplicate	**0.032**	0.01	ug/L	Notification Level	Shallow											X
	PZ-027	2012Q1	Primary Sample	**0.033**	0.01	ug/L	Notification Level	Shallow											X
	PZ-058	2012Q1	Primary Sample	**0.059**	0.01	ug/L	Notification Level	Shallow											X
	PZ-058	2012Q1	Field Duplicate	**0.08**	0.01	ug/L	Notification Level	Shallow											X
	RD-55B	2012Q3	Primary Sample	0.0093	0.01	ug/L	Notification Level	Shallow			X								
Octachlorodibenzofuran	HAR-09	2012Q3	Split Sample	1.6 J	--	pg/L	--	Shallow						X					
Octachlorodibenzo-p-dioxin	ES-17	2012Q1	Primary Sample	1.1 J	--	pg/L	--	Shallow				X							
	HAR-01	2012Q1	Primary Sample	2.6 J	--	pg/L	--	Chatsworth				X							
	RD-58A	2012Q3	Field Duplicate	6.1 J	--	pg/L	--	Shallow											X
	RD-61 *	2012Q1	Primary Sample	2.4 J	--	pg/L	--	Chatsworth							X				
o-Xylene	RD-09	2012Q3	Primary Sample	0.2 J	1750	ug/L	Cal MCL	Shallow							X				
Perchlorate	HAR-26	2012Q3	Primary Sample	0.8 J	6	ug/L	Cal MCL	Shallow			X	X							
	RD-46B	2012Q1	Primary Sample	5.1	6	ug/L	Cal MCL	Chatsworth			X								
	RD-66	2012Q3	Primary Sample	0.049 J	6	ug/L	Cal MCL	Shallow							X				
Potassium-40, Dissolved	RD-60	2012Q1	Primary Sample	33.96 J ± 23.9	--	pCi/L	--	Chatsworth							X				
Potassium-40, Particulate	RD-07 (Port 3)	2012Q1	Primary Sample	11.02 J ± 5.61	--	pCi/L	--	Chatsworth							X				
Radium-226, Dissolved	RD-102 *	2012Q1	Primary Sample	0.32 ± 0.15	5	pCi/L	Primary MCL	Chatsworth											X
Radium-226, Particulate	RD-102 *	2012Q1	Primary Sample	0.46 ± 0.17	5	pCi/L	Primary MCL	Chatsworth											X
Selenium	HAR-09	2012Q1	Split Sample	0.00053 J	0.0016	mg/L	SSFL Comparison	Shallow				X							
	HAR-30	2012Q1	Primary Sample	0.0008 J	0.0016	mg/L	SSFL Comparison	Shallow				X							
Silver	ES-27	2012Q1	Primary Sample	9.4E-05 J	0.00017	mg/L	SSFL Comparison	Shallow				X							
	HAR-07	2012Q1	Field Duplicate	**0.0026 J**	0.00017	mg/L	SSFL Comparison	Chatsworth				X							
	HAR-07	2012Q1	Primary Sample	5.2E-05 J	0.00017	mg/L	SSFL Comparison	Chatsworth				X							
	HAR-08	2012Q1	Primary Sample	**0.00051 J**	0.00017	mg/L	SSFL Comparison	Chatsworth				X							
	HAR-19	2012Q1	Field Duplicate	0.00015 J	0.00017	mg/L	SSFL Comparison	Chatsworth				X							
	HAR-19	2012Q1	Primary Sample	**0.00021 J**	0.00017	mg/L	SSFL Comparison	Chatsworth				X							
	HAR-27	2012Q1	Primary Sample	**0.00059 J**	0.00017	mg/L	SSFL Comparison	Shallow				X							
	OS-04 *	2012Q1	Primary Sample	**0.0025 J**	0.00017	mg/L	SSFL Comparison	Chatsworth							X				
	PZ-108	2012Q1	Primary Sample	**0.002 J**	0.00017	mg/L	SSFL Comparison	Shallow							X				
	RD-57 (Port 7)	2012Q1	Primary Sample	**0.00038 J**	0.00017	mg/L	SSFL Comparison	Chatsworth							X				
	RD-59B	2012Q1	Primary Sample	3.7E-05 J	0.00017	mg/L	SSFL Comparison	Chatsworth							X				
Silver, Dissolved	PZ-060	2012Q1	Primary Sample	3.3E-05 J	0.00017	mg/L	SSFL Comparison	Shallow				X							
Sodium	OS-02 *	2012Q1	Primary Sample	170	190	mg/L	SSFL Comparison	Chatsworth							X				
	OS-03 *	2012Q1	Primary Sample	100	190	mg/L	SSFL Comparison	Chatsworth							X				
	OS-04 *	2012Q1	Primary Sample	83	190	mg/L	SSFL Comparison	Chatsworth							X				
Strontium-90, Particulate	RD-98	2012Q1	Primary Sample	4 ± 0.84	8	pCi/L	Primary MCL	Chatsworth										X	
Sulfide	RS-34	2012Q1	Primary Sample	0.0079 J	--	mg/L	--	Shallow				X	X						
tert-Butyl alcohol	RD-35B *	2012Q1	Primary Sample	**1600 J**	12	ug/L	Notification Level	Chatsworth											X
	RD-49B	2012Q3	Primary Sample	**14 J**	12	ug/L	Notification Level	Shallow											X
Tetrachlorodibenzo-p-dioxins	ES-17 *	2012Q3	Split Sample	0.59 J	--	pg/L	--	Shallow						X					

TABLE 10
FIRST-TIME DETECTS, 2012
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Analyte	Well Identifier	Event	Sample Type	Result	Groundwater Screening Reference Value	Units	Screening Type	Groundwater Unit	Monitoring Program										
									Regulated Unit PCP								Other		
									Bkgd	DM	EM	EM (aff)	POC	CAIM	Site-Wide	LUFT	SMOU RFI	Area IV	GW RI
Tetrachloroethene	PZ-027	2012Q1	Primary Sample	0.56 J	5	ug/L	Primary MCL	Shallow											X
Thallium	HAR-08	2012Q1	Primary Sample	4.8E-05 J	0.00013	mg/L	SSFL Comparison	Chatsworth				X							
	HAR-20	2012Q1	Primary Sample	4.3E-05 J	0.00013	mg/L	SSFL Comparison	Chatsworth				X							
	HAR-27	2012Q1	Primary Sample	9.3E-05 J	0.00013	mg/L	SSFL Comparison	Shallow				X							
	HAR-28	2012Q1	Primary Sample	3.7E-05 J	0.00013	mg/L	SSFL Comparison	Shallow				X							
	PZ-108	2012Q1	Primary Sample	5.9E-05 J	0.00013	mg/L	SSFL Comparison	Shallow							X				
	RD-104	2012Q1	Primary Sample	**0.00039 J**	0.00013	mg/L	SSFL Comparison	Chatsworth				X							
	RD-19	2012Q1	Primary Sample	7.4E-05 J	0.00013	mg/L	SSFL Comparison	Chatsworth							X				
	RD-50 (Port 2)	2012Q1	Primary Sample	4.9E-05 J	0.00013	mg/L	SSFL Comparison	Chatsworth							X				
Thallium, Dissolved	HAR-28	2012Q1	Primary Sample	3.8E-05 J	0.00013	mg/L	SSFL Comparison	Shallow				X							
	RD-50 (Port 2)	2012Q1	Primary Sample	5.5E-05 J	0.00013	mg/L	SSFL Comparison	Chatsworth							X				
Tin	RD-59B	2012Q1	Primary Sample	**0.0034 J**	0.0024	mg/L	SSFL Comparison	Chatsworth							X				
Toluene	PZ-139	2012Q3	Primary Sample	0.53 J	150	ug/L	Cal MCL	Shallow										X	
	RD-100	2012Q3	Primary Sample	0.17 J	150	ug/L	Cal MCL	Chatsworth											X
trans-1,2-Dichloroethene	HAR-26	2012Q1	Primary Sample	0.41 J	10	ug/L	Cal MCL	Chatsworth			X								
Trichloroethene	RD-100 *	2012Q1	Primary Sample	**7**	5	ug/L	Primary MCL	Chatsworth											X
	RD-99 *	2012Q1	Primary Sample	2.7	5	ug/L	Primary MCL	Chatsworth											X
Tritium	RD-13	2012Q1	Primary Sample	342.65 J ± 137	20000	pCi/L	Primary MCL	Chatsworth							X				
Uranium-233/234, Dissolved	HAR-20 *	2012Q3	Primary Sample	11 J ± 2.1	20	pCi/L	Cal MCL	Chatsworth											X
	OS-02	2012Q1	Primary Sample	0.41 J ± 0.21	20	pCi/L	Cal MCL	Chatsworth							X				
	OS-03	2012Q1	Primary Sample	0.2 J ± 0.14	20	pCi/L	Cal MCL	Chatsworth							X				
	RD-102 *	2012Q1	Primary Sample	6.59 ± 1.1	20	pCi/L	Cal MCL	Chatsworth											X
	RD-56B	2012Q1	Primary Sample	0.32 J ± 0.19	20	pCi/L	Cal MCL	Chatsworth							X				
	RS-36 *	2012Q1	Primary Sample	1.13 J ± 0.37	20	pCi/L	Cal MCL	Shallow											X
Uranium-233/234, Particulate	OS-02	2012Q1	Primary Sample	0.16 J ± 0.14	20	pCi/L	Cal MCL	Chatsworth							X				
	RD-102 *	2012Q1	Primary Sample	0.42 J ± 0.19	20	pCi/L	Cal MCL	Chatsworth											X
	RD-56A	2012Q3	Primary Sample	0.19 J ± 0.14	20	pCi/L	Cal MCL	Chatsworth							X				
Uranium-235, Dissolved	HAR-20 *	2012Q3	Primary Sample	0.57 J ± 0.38	20	pCi/L	Cal MCL	Chatsworth											X
	RD-102 *	2012Q1	Primary Sample	0.34 J ± 0.22	20	pCi/L	Cal MCL	Chatsworth											X
Uranium-235, Particulate	HAR-20 *	2012Q3	Primary Sample	0.77 J ± 0.54	20	pCi/L	Cal MCL	Chatsworth											X
Uranium-238, Dissolved	HAR-20 *	2012Q3	Primary Sample	11 J ± 2.1	20	pCi/L	Cal MCL	Chatsworth											X
	RD-102 *	2012Q1	Primary Sample	5.38 ± 0.95	20	pCi/L	Cal MCL	Chatsworth											X
	RD-56B	2012Q1	Primary Sample	0.2 J ± 0.15	20	pCi/L	Cal MCL	Chatsworth							X				
	RS-36 *	2012Q1	Primary Sample	0.48 J ± 0.23	20	pCi/L	Cal MCL	Shallow											X
Uranium-238, Particulate	RD-102 *	2012Q1	Primary Sample	0.52 J ± 0.21	20	pCi/L	Cal MCL	Chatsworth											X
Vanadium	RD-100	2012Q3	Primary Sample	**0.0054 J**	0.0026	mg/L	SSFL Comparison	Chatsworth											X
Vanadium, Dissolved	RD-100 *	2012Q1	Primary Sample	0.0012 J	0.0026	mg/L	SSFL Comparison	Chatsworth											X
Vinyl chloride	HAR-32	2012Q3	Primary Sample	0.31 J	0.5	ug/L	Cal MCL	Shallow			X								
	PZ-027	2012Q3	Primary Sample	0.17 J	0.5	ug/L	Cal MCL	Shallow											X
	RD-100 *	2012Q1	Primary Sample	0.33 J	0.5	ug/L	Cal MCL	Chatsworth											X

TABLE 10
FIRST-TIME DETECTS, 2012
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Analyte	Well Identifier	Event	Sample Type	Result	Groundwater Screening Reference Value	Units	Screening Type	Groundwater Unit	Monitoring Program											
									Regulated Unit PCP								Other			
									Bkgd	DM	EM	EM (aff)	POC	CAIM	Site-Wide	LUFT	SMOU RFI	Area IV	GW RI
Zinc	HAR-33	2012Q1	Primary Sample	0.011 J	6.3	mg/L	SSFL Comparison	Shallow				X							
	OS-02 *	2012Q1	Primary Sample	0.0021 J	6.3	mg/L	SSFL Comparison	Chatsworth							X				
	OS-03 *	2012Q1	Primary Sample	0.0028 J	6.3	mg/L	SSFL Comparison	Chatsworth							X				
	OS-04 *	2012Q1	Primary Sample	0.0033 J	6.3	mg/L	SSFL Comparison	Chatsworth							X				
	RD-100	2012Q3	Primary Sample	0.012 J	6.3	mg/L	SSFL Comparison	Chatsworth											X
Zinc, Dissolved	OS-02	2012Q1	Primary Sample	0.0034 J	6.3	mg/L	SSFL Comparison	Chatsworth							X				
	OS-03	2012Q1	Primary Sample	0.0029 J	6.3	mg/L	SSFL Comparison	Chatsworth							X				
	OS-04	2012Q1	Primary Sample	0.0095 J	6.3	mg/L	SSFL Comparison	Chatsworth							X				
	RD-100	2012Q3	Primary Sample	0.005 J	6.3	mg/L	SSFL Comparison	Chatsworth											X

NOTES AND ABBREVIATIONS:

* first time analyzed for the detected analyte
bold - indicates results that exceed the screening value
J - Result is estimated
mg/L - milligrams per liter
ug/L - micrograms per liter
pg/L - picograms per liter
pCi/L - picocuries per liter

Primary MCL - Primary Maximum Contaminant Level
Cal MCL - California Primary Maximum Contaminant Level
Secondary MCL - Secondary Maximum Contaminant Level
SMCL - Secondary Maximum Contaminant Level
Taste/Odor - Taste/Odor Threshold
SSFL Comparison - site-specific values for metals developed by DTSC
SWGW RBSL - Site-Wide Groundwater Risk-Based Screening Level
(a) - isoptope-specific MCL based on 4 mrem/yr limit

Chatsworth - Chatsworth Formation groundwater unit
Shallow - Near-surface groundwater unit

PCP - Post-Closure Permit
Bkgd - Background
DM - Detection Monitoring
EM - Evaluation Monitoring
EM(aff) - Evaluation Monitoring (affected media)
POC - Point of Compliance
CAIM - Corrective Measures Interim Measures
SMOU RFI- Surficial Media Operable Unit RCRA Facility Investigation
GW RI - Groundwater Remedial Investigation

TABLE 11
NEW MAXIMUM CONCENTRATIONS, 2012
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Analyte	Well Identifier	Event	Sample Type	Result	Groundwater Screening Reference Value	Units	Screening Type	Groundwater Unit	Monitoring Program											
									Regulated Unit PCP									Other		
									Bkgd	DM	EM	EM (aff)	POC	CAIM	Site-Wide	LUFT	SMOU RFI	Area IV	GW RI
1,1,2-Trichloro-1,2,2-trifluoroethane	HAR-32	2012Q1	Primary Sample	**1900**	1200	ug/L	Cal MCL	Shallow			X								
	PZ-047	2012Q1	Primary Sample	58	1200	ug/L	Cal MCL	Shallow											X
	PZ-047	2012Q3	Primary Sample	69	1200	ug/L	Cal MCL	Shallow											X
	RS-33	2012Q1	Primary Sample	**1300**	1200	ug/L	Cal MCL	Shallow		X	X		X						
1,1-Dichloroethane	RD-100	2012Q3	Primary Sample	**6.7**	5	ug/L	Cal MCL	Chatsworth											X
	RD-45A	2012Q1	Primary Sample	0.55 J	5	ug/L	Cal MCL	Chatsworth			X								
1,1-Dichloroethene	HAR-32	2012Q3	Primary Sample	**6.4**	6	ug/L	Cal MCL	Shallow			X								
	RD-100	2012Q3	Primary Sample	5.3	6	ug/L	Cal MCL	Chatsworth											X
	RS-33	2012Q3	Primary Sample	3.3	6	ug/L	Cal MCL	Shallow		X	X	X							
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	RS-34	2012Q1	Primary Sample	3.7 J	--	pg/L	--	Shallow				X	X						
1,2,3,4,7,8-Hexachlorodibenzofuran	HAR-09	2012Q1	Split Sample	1.3 J	--	pg/L	--	Shallow				X	X						
1,2,3-Trichloropropane	RD-35A	2012Q1	Primary Sample	0.0025 J	0.005	ug/L	Notification Level	Chatsworth							X				
	RD-35A	2012Q3	Primary Sample	0.0037 J	0.005	ug/L	Notification Level	Chatsworth							X				
1,4-Dioxane	ES-01	2012Q1	Primary Sample	**1.6 J**	1	ug/L	Notification Level	Shallow							X				
	ES-17	2012Q1	Primary Sample	**2.8**	1	ug/L	Notification Level	Shallow		X	X		X						
	ES-17	2012Q3	Primary Sample	**3.8 J**	1	ug/L	Notification Level	Shallow		X	X	X							
	HAR-09	2012Q3	Primary Sample	**1.6 J**	1	ug/L	Notification Level	Shallow		X	X	X							
	HAR-11	2012Q1	Primary Sample	**1.4 J**	1	ug/L	Notification Level	Shallow			X								
	PZ-060	2012Q1	Primary Sample	**3.9**	1	ug/L	Notification Level	Shallow			X								
	RD-100	2012Q3	Primary Sample	**17**	1	ug/L	Notification Level	Chatsworth											X
	RD-35A	2012Q1	Primary Sample	**7.1**	1	ug/L	Notification Level	Chatsworth							X				
	RD-36C	2012Q1	Field Duplicate	**2.8**	1	ug/L	Notification Level	Chatsworth			X								
	RD-36C	2012Q1	Primary Sample	**2.9**	1	ug/L	Notification Level	Chatsworth			X								
	RD-45A	2012Q1	Primary Sample	**2.8**	1	ug/L	Notification Level	Chatsworth			X								
	RD-52C	2012Q1	Primary Sample	**1.6 J**	1	ug/L	Notification Level	Chatsworth			X								
	RD-78	2012Q1	Primary Sample	**14**	1	ug/L	Notification Level	Chatsworth							X				
	RD-84	2012Q3	Primary Sample	**5.6**	1	ug/L	Notification Level	Chatsworth											X
2,3,7,8-TCDD TEQ	HAR-07	2012Q1	Primary Sample	**0.14**	0.00000037	pg/L	TEQ	Chatsworth			X								
2-Methylnaphthalene	PZ-140	2012Q3	Primary Sample	0.0072 J	50	ug/L	SWGW RBSL	Shallow										X	
	PZ-140	2012Q3	Field Duplicate	0.0065 J	50	ug/L	SWGW RBSL	Shallow										X	
	PZ-159	2012Q1	Primary Sample	0.0056 J	50	ug/L	SWGW RBSL	Shallow									X		
Acetone	HAR-16	2012Q1	Primary Sample	2300	20000	ug/L	Taste/Odor	Chatsworth		X	X		X						
	HAR-21	2012Q1	Primary Sample	9.5 J	20000	ug/L	Taste/Odor	Chatsworth			X								
	HAR-26	2012Q1	Primary Sample	3.1 J	20000	ug/L	Taste/Odor	Chatsworth			X								
	RD-08	2012Q3	Split Sample	5.4 J	20000	ug/L	Taste/Odor	Shallow			X	X							
	RD-43A	2012Q1	Primary Sample	8.7 J	20000	ug/L	Taste/Odor	Chatsworth			X								
	RD-51A	2012Q3	Primary Sample	5.9 J	20000	ug/L	Taste/Odor	Shallow			X				X				
	RD-58C	2012Q3	Primary Sample	7.2 J	20000	ug/L	Taste/Odor	Shallow			X								

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SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Analyte	Well Identifier	Event	Sample Type	Result	Groundwater Screening Reference Value	Units	Screening Type	Groundwater Unit	Monitoring Program										
									Regulated Unit PCP								Other		
									Bkgd	DM	EM	EM (aff)	POC	CAIM	Site-Wide	LUFT	SMOU RFI	Area IV	GW RI
Ammonia-N	HAR-05	2012Q3	Primary Sample	0.18 J	--	mg/L	--	Shallow			X								
	HAR-14	2012Q3	Primary Sample	0.11 J	--	mg/L	--	Shallow		X	X	X							
	HAR-19	2012Q3	Primary Sample	0.11 J	--	mg/L	--	Shallow		X	X	X							
	HAR-19	2012Q3	Field Duplicate	0.2 J	--	mg/L	--	Shallow		X	X	X							
	HAR-21	2012Q3	Primary Sample	0.16 J	--	mg/L	--	Shallow			X	X							
	HAR-23	2012Q3	Primary Sample	0.063 J	--	mg/L	--	Shallow			X								
	HAR-27	2012Q1	Primary Sample	0.61	--	mg/L	--	Shallow		X	X		X						
	HAR-27	2012Q3	Primary Sample	0.63	--	mg/L	--	Shallow		X	X	X							
	RD-05A	2012Q3	Primary Sample	0.1 J	--	mg/L	--	Shallow			X								
	RD-05C	2012Q3	Primary Sample	0.29 J	--	mg/L	--	Shallow			X								
	RD-08	2012Q1	Primary Sample	0.15 J	--	mg/L	--	Chatsworth			X								
	RD-11	2012Q1	Primary Sample	1.4	--	mg/L	--	Chatsworth			X								
	RD-12	2012Q3	Primary Sample	0.13 J	--	mg/L	--	Shallow			X	X							
	RD-38B	2012Q1	Primary Sample	0.1 J	--	mg/L	--	Chatsworth			X								
	RD-39B	2012Q1	Primary Sample	0.12 J	--	mg/L	--	Chatsworth			X								
	RD-43A	2012Q1	Primary Sample	0.13 J	--	mg/L	--	Chatsworth			X								
	RD-46A	2012Q1	Primary Sample	0.54	--	mg/L	--	Chatsworth			X								
	RD-48C	2012Q3	Primary Sample	1.6	--	mg/L	--	Shallow			X								
	RD-51A	2012Q3	Primary Sample	0.1 J	--	mg/L	--	Shallow			X								
	RD-52B	2012Q3	Primary Sample	0.12 J	--	mg/L	--	Shallow			X								
	RD-68A	2012Q3	Primary Sample	0.16 J	--	mg/L	--	Shallow			X								
	RD-68B	2012Q3	Primary Sample	0.14 J	--	mg/L	--	Shallow			X								
	RS-34	2012Q3	Primary Sample	0.072 J	--	mg/L	--	Shallow		X	X	X							
Antimony	ES-17	2012Q1	Primary Sample	0.0002 J	0.0025	mg/L	SSFL Comparison	Shallow				X	X						
	HAR-07	2012Q1	Field Duplicate	0.00057 J	0.0025	mg/L	SSFL Comparison	Chatsworth				X							
	HAR-09	2012Q1	Split Sample	0.00036 J	0.0025	mg/L	SSFL Comparison	Shallow				X	X						
	HAR-27	2012Q1	Primary Sample	0.0011 J	0.0025	mg/L	SSFL Comparison	Shallow				X	X						
	PZ-108	2012Q1	Primary Sample	0.00044 J	0.0025	mg/L	SSFL Comparison	Shallow							X				
	RD-104	2012Q1	Primary Sample	0.00055 J	0.0025	mg/L	SSFL Comparison	Chatsworth				X	X						
Antimony, Dissolved	ES-17	2012Q1	Primary Sample	0.0002 J	0.0025	mg/L	SSFL Comparison	Shallow				X	X						
	HAR-09	2012Q1	Split Sample	0.00063 J	0.0025	mg/L	SSFL Comparison	Shallow				X	X						
	PZ-141	2012Q1	Field Duplicate	0.00092 J	0.0025	mg/L	SSFL Comparison	Shallow									X		
	PZ-141	2012Q1	Primary Sample	0.00093 J	0.0025	mg/L	SSFL Comparison	Shallow									X		
	RD-50 (Port 2)	2012Q1	Primary Sample	0.00058 J	0.0025	mg/L	SSFL Comparison	Chatsworth							X				
	RD-50 (Port 2)	2012Q1	Split Sample	0.00089 J	0.0025	mg/L	SSFL Comparison	Chatsworth							X				

TABLE 11
NEW MAXIMUM CONCENTRATIONS, 2012
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Analyte	Well Identifier	Event	Sample Type	Result	Groundwater Screening Reference Value	Units	Screening Type	Groundwater Unit	Monitoring Program										
									Regulated Unit PCP								Other		
									Bkgd	DM	EM	EM (aff)	POC	CAIM	Site-Wide	LUFT	SMOU RFI	Area IV	GW RI
Arsenic	HAR-11	2012Q1	Primary Sample	0.0027 J	0.0077	mg/L	SSFL Comparison	Shallow				X							
	HAR-19	2012Q1	Field Duplicate	0.00044 J	0.0077	mg/L	SSFL Comparison	Chatsworth				X							
	HAR-21	2012Q1	Primary Sample	0.00071 J	0.0077	mg/L	SSFL Comparison	Chatsworth				X							
	HAR-27	2012Q1	Primary Sample	**0.055**	0.0077	mg/L	SSFL Comparison	Shallow				X	X						
	RD-100	2012Q3	Primary Sample	0.00092 J	0.0077	mg/L	SSFL Comparison	Shallow											X
	RD-104	2012Q1	Primary Sample	0.0021 J	0.0077	mg/L	SSFL Comparison	Chatsworth				X	X						
	RD-18	2012Q1	Field Duplicate	0.0012 J	0.0077	mg/L	SSFL Comparison	Chatsworth							X				
	RD-18	2012Q1	Primary Sample	0.0012 J	0.0077	mg/L	SSFL Comparison	Chatsworth							X				
	RD-33A (Port 3)	2012Q1	Primary Sample	0.0019 J	0.0077	mg/L	SSFL Comparison	Chatsworth							X				
	RD-54A (Port 2)	2012Q1	Primary Sample	0.0032 J	0.0077	mg/L	SSFL Comparison	Chatsworth							X				
	RD-57 (Port 7)	2012Q1	Primary Sample	0.004 J	0.0077	mg/L	SSFL Comparison	Chatsworth							X				
	RS-34	2012Q1	Primary Sample	0.0021 J	0.0077	mg/L	SSFL Comparison	Shallow				X	X						
Arsenic, Dissolved	HAR-08	2012Q1	Primary Sample	0.00092 J	0.0077	mg/L	SSFL Comparison	Chatsworth				X							
	PZ-158	2012Q1	Primary Sample	0.0055	0.0077	mg/L	SSFL Comparison	Shallow									X		
	RD-104	2012Q1	Primary Sample	0.0011 J	0.0077	mg/L	SSFL Comparison	Chatsworth				X	X						
	RS-34	2012Q1	Primary Sample	0.0019 J	0.0077	mg/L	SSFL Comparison	Shallow				X	X						
Barium	ES-17	2012Q1	Primary Sample	0.027	0.15	mg/L	SSFL Comparison	Shallow				X	X						
	ES-27	2012Q1	Primary Sample	0.05	0.15	mg/L	SSFL Comparison	Shallow				X							
	HAR-09	2012Q1	Split Sample	0.04	0.15	mg/L	SSFL Comparison	Shallow				X	X						
	HAR-27	2012Q1	Primary Sample	0.092 J	0.15	mg/L	SSFL Comparison	Shallow				X	X						
	HAR-30	2012Q1	Primary Sample	0.061	0.15	mg/L	SSFL Comparison	Shallow				X							
	PZ-108	2012Q1	Primary Sample	0.033	0.15	mg/L	SSFL Comparison	Shallow							X				
	RD-100	2012Q3	Primary Sample	0.13	0.15	mg/L	SSFL Comparison	Shallow											X
	RD-19	2012Q1	Primary Sample	0.088	0.15	mg/L	SSFL Comparison	Chatsworth							X				
	RD-33A (Port 3)	2012Q1	Primary Sample	0.055	0.15	mg/L	SSFL Comparison	Chatsworth							X				
	RD-50 (Port 2)	2012Q1	Primary Sample	0.052	0.15	mg/L	SSFL Comparison	Chatsworth							X				
	RD-54A (Port 2)	2012Q1	Primary Sample	0.048	0.15	mg/L	SSFL Comparison	Chatsworth							X				
	RD-59B	2012Q1	Primary Sample	0.045	0.15	mg/L	SSFL Comparison	Chatsworth							X				
	RS-34	2012Q1	Primary Sample	0.056	0.15	mg/L	SSFL Comparison	Shallow				X	X						
Barium, Dissolved	ES-17	2012Q1	Primary Sample	0.027	0.15	mg/L	SSFL Comparison	Shallow				X	X						
	ES-27	2012Q1	Primary Sample	0.047	0.15	mg/L	SSFL Comparison	Shallow				X							
	PZ-060	2012Q1	Primary Sample	0.039	0.15	mg/L	SSFL Comparison	Shallow				X							
	PZ-108	2012Q1	Primary Sample	0.017	0.15	mg/L	SSFL Comparison	Shallow							X				
	RD-100	2012Q3	Primary Sample	0.047	0.15	mg/L	SSFL Comparison	Shallow											X
	RD-104	2012Q1	Primary Sample	0.052	0.15	mg/L	SSFL Comparison	Chatsworth				X	X						
	RD-19	2012Q1	Primary Sample	0.085 J	0.15	mg/L	SSFL Comparison	Chatsworth							X				
	RS-34	2012Q1	Primary Sample	0.058	0.15	mg/L	SSFL Comparison	Shallow				X	X						
Benzene	PZ-140	2012Q1	Primary Sample	0.52	1	ug/L	Cal MCL	Shallow									X		
	PZ-140	2012Q1	Split Sample	0.51	1	ug/L	Cal MCL	Shallow									X		
Beryllium	HAR-07	2012Q1	Field Duplicate	**0.00038 J**	0.00014	mg/L	SSFL Comparison	Chatsworth				X							
bis(2-Ethylhexyl) phthalate	ES-26	2012Q3	Primary Sample	2.8 J	4	ug/L	Cal MCL	Shallow	X										
Boron, Dissolved	PZ-159	2012Q1	Primary Sample	0.081	0.34	mg/L	SSFL Comparison	Shallow									X		
Bromide	PZ-139	2012Q3	Split Sample	0.64	--	mg/L	--	Shallow										X	
	PZ-140	2012Q1	Split Sample	0.98	--	mg/L	--	Shallow									X		

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NEW MAXIMUM CONCENTRATIONS, 2012
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Analyte	Well Identifier	Event	Sample Type	Result	Groundwater Screening Reference Value	Units	Screening Type	Groundwater Unit	Monitoring Program										
									Regulated Unit PCP								Other		
									Bkgd	DM	EM	EM (aff)	POC	CAIM	Site-Wide	LUFT	SMOU RFI	Area IV	GW RI
Cadmium	HAR-07	2012Q1	Field Duplicate	0.00016 J	0.0002	mg/L	SSFL Comparison	Chatsworth				X							
	HAR-07	2012Q1	Primary Sample	**0.00025 J**	0.0002	mg/L	SSFL Comparison	Chatsworth				X							
	HAR-28	2012Q1	Primary Sample	0.00012 J	0.0002	mg/L	SSFL Comparison	Shallow				X							
	PZ-108	2012Q1	Primary Sample	**0.0025**	0.0002	mg/L	SSFL Comparison	Shallow							X				
	RD-104	2012Q1	Primary Sample	**0.00042 J**	0.0002	mg/L	SSFL Comparison	Chatsworth				X	X						
	RD-19	2012Q1	Primary Sample	5.1E-05 J	0.0002	mg/L	SSFL Comparison	Chatsworth							X				
	RD-57 (Port 7)	2012Q1	Primary Sample	**0.00034 J**	0.0002	mg/L	SSFL Comparison	Chatsworth							X				
	RD-85	2012Q1	Primary Sample	**0.0097**	0.0002	mg/L	SSFL Comparison	Chatsworth							X				
	RS-33	2012Q1	Primary Sample	0.00012 J	0.0002	mg/L	SSFL Comparison	Shallow				X	X						
	RS-34	2012Q1	Primary Sample	9.2E-05 J	0.0002	mg/L	SSFL Comparison	Shallow				X	X						
Cadmium, Dissolved	PZ-108	2012Q1	Primary Sample	**0.0005 J**	0.0002	mg/L	SSFL Comparison	Shallow							X				
	RD-104	2012Q1	Primary Sample	6.8E-05 J	0.0002	mg/L	SSFL Comparison	Chatsworth				X	X						
	RD-85	2012Q1	Primary Sample	**0.0029**	0.0002	mg/L	SSFL Comparison	Chatsworth							X				
Calcium	ES-17	2012Q1	Primary Sample	91	--	mg/L	--	Shallow		X									
	HAR-30	2012Q1	Primary Sample	120	--	mg/L	--	Shallow		X									
	HAR-31	2012Q1	Primary Sample	63	--	mg/L	--	Shallow	X										
	RS-34	2012Q1	Primary Sample	140	--	mg/L	--	Shallow		X									
Calcium, Dissolved	ES-17	2012Q1	Primary Sample	94	--	mg/L	--	Shallow		X									
	PZ-159	2012Q1	Primary Sample	90	--	mg/L	--	Shallow									X		
	RS-33	2012Q1	Primary Sample	140	--	mg/L	--	Shallow		X									
	RS-34	2012Q1	Primary Sample	160	--	mg/L	--	Shallow		X									
Chloride	ES-17	2012Q1	Primary Sample	31	250	mg/L	Secondary MCL	Shallow		X									
	PZ-076	2012Q3	Primary Sample	**260**	250	mg/L	Secondary MCL	Shallow							X				
	RD-03	2012Q1	Primary Sample	61	250	mg/L	Secondary MCL	Chatsworth							X				
	RD-104	2012Q1	Primary Sample	44	250	mg/L	Secondary MCL	Chatsworth		X									
	RD-46B	2012Q1	Primary Sample	74	250	mg/L	Secondary MCL	Chatsworth							X				
	RD-61	2012Q1	Primary Sample	33	250	mg/L	Secondary MCL	Chatsworth							X				
	RD-61	2012Q3	Primary Sample	36	250	mg/L	Secondary MCL	Shallow							X				
Chloroform	RD-36B	2012Q3	Primary Sample	0.4 J	80	ug/L	Primary MCL	Shallow			X						X		
Chromium	ES-17	2012Q1	Primary Sample	0.0048 J	0.014	mg/L	SSFL Comparison	Shallow				X	X						
	PZ-108	2012Q1	Primary Sample	0.0028 J	0.014	mg/L	SSFL Comparison	Shallow							X				
	RD-104	2012Q1	Primary Sample	0.0025 J	0.014	mg/L	SSFL Comparison	Chatsworth				X	X						

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NEW MAXIMUM CONCENTRATIONS, 2012
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Analyte	Well Identifier	Event	Sample Type	Result	Groundwater Screening Reference Value	Units	Screening Type	Groundwater Unit	Monitoring Program										
									Regulated Unit PCP								Other		
									Bkgd	DM	EM	EM (aff)	POC	CAIM	Site-Wide	LUFT	SMOU RFI	Area IV	GW RI
cis-1,2-Dichloroethene	HAR-05	2012Q1	Primary Sample	0.18 J	6	ug/L	Cal MCL	Chatsworth			X								
	PZ-017B	2012Q1	Primary Sample	**680**	6	ug/L	Cal MCL	Shallow											X
	PZ-017B	2012Q3	Primary Sample	**1300**	6	ug/L	Cal MCL	Shallow											X
	PZ-048	2012Q1	Primary Sample	**3100**	6	ug/L	Cal MCL	Shallow											X
	PZ-048	2012Q3	Primary Sample	**3400 J**	6	ug/L	Cal MCL	Shallow											X
	PZ-079	2012Q3	Primary Sample	**11**	6	ug/L	Cal MCL	Shallow											X
	PZ-140	2012Q1	Primary Sample	**11**	6	ug/L	Cal MCL	Shallow									X		
	PZ-140	2012Q1	Split Sample	**11**	6	ug/L	Cal MCL	Shallow									X		
	PZ-141	2012Q1	Field Duplicate	**37 J**	6	ug/L	Cal MCL	Shallow									X		
	PZ-141	2012Q1	Primary Sample	**69 J**	6	ug/L	Cal MCL	Shallow									X		
	RD-100	2012Q3	Primary Sample	2.7	6	ug/L	Cal MCL	Shallow											X
	RD-45A	2012Q3	Primary Sample	**140**	6	ug/L	Cal MCL	Shallow			X								
	RD-46B	2012Q3	Primary Sample	0.63 J	6	ug/L	Cal MCL	Shallow			X				X				
	RD-56B	2012Q3	Primary Sample	0.45 J	6	ug/L	Cal MCL	Shallow							X				
	RD-99	2012Q3	Primary Sample	0.42 J	6	ug/L	Cal MCL	Shallow											X
	WS-12	2012Q3	Primary Sample	**18**	6	ug/L	Cal MCL	Shallow											X
Cobalt	ES-17	2012Q1	Primary Sample	0.00023 J	0.0019	mg/L	SSFL Comparison	Shallow				X	X						
	ES-27	2012Q1	Primary Sample	0.0011	0.0019	mg/L	SSFL Comparison	Shallow				X							
	HAR-07	2012Q1	Field Duplicate	**0.0019**	0.0019	mg/L	SSFL Comparison	Chatsworth				X							
	HAR-07	2012Q1	Primary Sample	**0.0021**	0.0019	mg/L	SSFL Comparison	Chatsworth				X							
	HAR-09	2012Q1	Split Sample	0.00047 J	0.0019	mg/L	SSFL Comparison	Shallow				X	X						
	HAR-11	2012Q1	Primary Sample	**0.0025**	0.0019	mg/L	SSFL Comparison	Shallow				X							
	PZ-108	2012Q1	Primary Sample	0.001	0.0019	mg/L	SSFL Comparison	Shallow							X				
	RD-100	2012Q3	Primary Sample	0.00098 J	0.0019	mg/L	SSFL Comparison	Shallow											X
	RD-50 (Port 2)	2012Q1	Split Sample	0.00052 J	0.0019	mg/L	SSFL Comparison	Chatsworth							X				
	RD-54A (Port 2)	2012Q1	Primary Sample	0.00072 J	0.0019	mg/L	SSFL Comparison	Chatsworth							X				
	RD-57 (Port 7)	2012Q1	Primary Sample	0.0005 J	0.0019	mg/L	SSFL Comparison	Chatsworth							X				
	RD-63	2012Q1	Primary Sample	0.00039 J	0.0019	mg/L	SSFL Comparison	Chatsworth							X				
Cobalt, Dissolved	ES-27	2012Q1	Primary Sample	0.0011	0.0019	mg/L	SSFL Comparison	Shallow				X							
	HAR-09	2012Q1	Split Sample	0.00037 J	0.0019	mg/L	SSFL Comparison	Shallow				X	X						
	PZ-158	2012Q1	Primary Sample	**0.0029**	0.0019	mg/L	SSFL Comparison	Shallow									X		
Copper	HAR-19	2012Q1	Field Duplicate	0.0011 J	0.0047	mg/L	SSFL Comparison	Chatsworth				X							
	HAR-19	2012Q1	Primary Sample	0.0011 J	0.0047	mg/L	SSFL Comparison	Chatsworth				X							
	PZ-108	2012Q1	Primary Sample	0.0042	0.0047	mg/L	SSFL Comparison	Shallow							X				
	RD-104	2012Q1	Primary Sample	0.0023	0.0047	mg/L	SSFL Comparison	Chatsworth				X	X						
	RD-54A (Port 2)	2012Q1	Primary Sample	**0.016**	0.0047	mg/L	SSFL Comparison	Chatsworth							X				
	RD-57 (Port 7)	2012Q1	Primary Sample	**0.031**	0.0047	mg/L	SSFL Comparison	Chatsworth							X				
	RD-59B	2012Q1	Primary Sample	**0.086**	0.0047	mg/L	SSFL Comparison	Chatsworth							X				
	RD-85	2012Q1	Primary Sample	0.0041	0.0047	mg/L	SSFL Comparison	Chatsworth							X				
	RS-34	2012Q1	Primary Sample	0.0034	0.0047	mg/L	SSFL Comparison	Shallow				X	X						
Copper, Dissolved	RD-57 (Port 7)	2012Q1	Primary Sample	**0.035**	0.0047	mg/L	SSFL Comparison	Chatsworth							X				
	RD-59C	2012Q1	Primary Sample	0.0026	0.0047	mg/L	SSFL Comparison	Chatsworth							X				

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NEW MAXIMUM CONCENTRATIONS, 2012
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Analyte	Well Identifier	Event	Sample Type	Result	Groundwater Screening Reference Value	Units	Screening Type	Groundwater Unit	Monitoring Program											
									Regulated Unit PCP									Other		
									Bkgd	DM	EM	EM (aff)	POC	CAIM	Site-Wide	LUFT	SMOU RFI	Area IV	GW RI
Cyanides	HAR-09	2012Q3	Field Duplicate	0.0029 J	0.15	mg/L	Cal MCL	Shallow						X					
	HAR-09	2012Q3	Primary Sample	0.0032 J	0.15	mg/L	Cal MCL	Shallow						X					
	HAR-11	2012Q3	Primary Sample	0.0061 J	0.15	mg/L	Cal MCL	Shallow						X					
	HAR-30	2012Q1	Primary Sample	0.0034 J	0.15	mg/L	Cal MCL	Shallow				X							
Dichlorodifluoromethane	ES-17	2012Q1	Primary Sample	28 J	1000	ug/L	Notification Level	Shallow				X	X						
Diesel Range Organics (C12-C14)	PZ-048	2012Q1	Primary Sample	0.072 J	0.1	mg/L	Taste/Odor	Shallow											X
	PZ-048	2012Q3	Primary Sample	0.095 J	0.1	mg/L	Taste/Odor	Shallow											X
	RD-48C	2012Q3	Primary Sample	**0.48**	0.1	mg/L	Taste/Odor	Shallow			X								
Diesel Range Organics (C15-C20)	PZ-017B	2012Q3	Primary Sample	**0.24**	0.1	mg/L	Taste/Odor	Shallow											X
	PZ-048	2012Q1	Primary Sample	**0.27**	0.1	mg/L	Taste/Odor	Shallow											X
Diesel Range Organics (C21-C30)	PZ-060	2012Q1	Primary Sample	**0.19 J**	0.1	mg/L	Taste/Odor	Shallow			X								
	PZ-141	2012Q1	Primary Sample	0.052 J	0.1	mg/L	Taste/Odor	Shallow									X		
	PZ-159	2012Q3	Primary Sample	**0.15 J**	0.1	mg/L	Taste/Odor	Shallow										X	
Diesel Range Organics (C8-C30)	PZ-159	2012Q3	Primary Sample	**0.22 J**	0.1	mg/L	Taste/Odor	Shallow										X	
	RD-48C	2012Q3	Primary Sample	**0.5**	0.1	mg/L	Taste/Odor	Shallow			X								
Diethyl phthalate	HAR-19	2012Q3	Field Duplicate	0.43 J	10000	ug/L	SWGW RBSL	Shallow						X					
	HAR-19	2012Q3	Primary Sample	0.56 J	10000	ug/L	SWGW RBSL	Shallow						X					
	HAR-26	2012Q1	Primary Sample	0.54 J	10000	ug/L	SWGW RBSL	Chatsworth				X							
	HAR-26	2012Q3	Split Sample	4.8 J	10000	ug/L	SWGW RBSL	Shallow			X	X							
	HAR-26	2012Q3	Field Duplicate	5.6 J	10000	ug/L	SWGW RBSL	Shallow			X	X							
	HAR-26	2012Q3	Primary Sample	8.2 J	10000	ug/L	SWGW RBSL	Shallow			X	X							
	PZ-139	2012Q3	Split Sample	4.8 J	10000	ug/L	SWGW RBSL	Shallow										X	
	PZ-140	2012Q3	Primary Sample	3.6 J	10000	ug/L	SWGW RBSL	Shallow										X	
	PZ-141	2012Q1	Primary Sample	3.3 J	10000	ug/L	SWGW RBSL	Shallow									X		
	PZ-159	2012Q1	Primary Sample	1.3 J	10000	ug/L	SWGW RBSL	Shallow									X		
	PZ-159	2012Q3	Primary Sample	4.2 J	10000	ug/L	SWGW RBSL	Shallow										X	
	RD-104	2012Q1	Primary Sample	0.77 J	10000	ug/L	SWGW RBSL	Chatsworth		X	X		X						
Di-n-octyl phthalate	RD-36D	2012Q3	Primary Sample	2.2 J	500	ug/L	SWGW RBSL	Shallow			X								
	RD-46B	2012Q3	Primary Sample	3.5 J	500	ug/L	SWGW RBSL	Shallow			X								
Fluoride	HAR-09	2012Q1	Split Sample	0.48 J	0.8	mg/L	SSFL Comparison	Shallow		X	X		X						
	HAR-30	2012Q1	Primary Sample	0.58	0.8	mg/L	SSFL Comparison	Shallow			X								
	OS-03	2012Q1	Primary Sample	**0.8**	0.8	mg/L	SSFL Comparison	Chatsworth							X				
	OS-04	2012Q1	Primary Sample	0.57	0.8	mg/L	SSFL Comparison	Chatsworth							X				
	PZ-140	2012Q1	Split Sample	0.65	0.8	mg/L	SSFL Comparison	Shallow									X		
	PZ-159	2012Q1	Primary Sample	0.42 J	0.8	mg/L	SSFL Comparison	Shallow									X		
	RD-104	2012Q1	Primary Sample	0.39 J	0.8	mg/L	SSFL Comparison	Chatsworth		X	X		X						
	RD-12	2012Q3	Primary Sample	0.49 J	0.8	mg/L	SSFL Comparison	Shallow			X	X							
	RD-36D	2012Q3	Primary Sample	0.37 J	0.8	mg/L	SSFL Comparison	Shallow			X								
	RD-68A	2012Q1	Primary Sample	0.34 J	0.8	mg/L	SSFL Comparison	Chatsworth			X				X				
	RD-68A	2012Q3	Primary Sample	0.56	0.8	mg/L	SSFL Comparison	Shallow			X				X				
	RD-85	2012Q1	Primary Sample	0.53	0.8	mg/L	SSFL Comparison	Chatsworth							X				
	RS-33	2012Q3	Primary Sample	0.54	0.8	mg/L	SSFL Comparison	Shallow		X	X	X							
	RS-34	2012Q1	Primary Sample	0.46 J	0.8	mg/L	SSFL Comparison	Shallow		X	X		X						

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SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Analyte	Well Identifier	Event	Sample Type	Result	Groundwater Screening Reference Value	Units	Screening Type	Groundwater Unit	Monitoring Program										
									Regulated Unit PCP								Other		
									Bkgd	DM	EM	EM (aff)	POC	CAIM	Site-Wide	LUFT	SMOU RFI	Area IV	GW RI
Formaldehyde	HAR-26	2012Q1	Primary Sample	13 J	100	ug/L	Notification Level	Chatsworth			X								
	PZ-139	2012Q3	Split Sample	11 J	100	ug/L	Notification Level	Shallow										X	
	RD-05B	2012Q3	Primary Sample	24 J	100	ug/L	Notification Level	Shallow			X								
Gasoline Range Organics (C6-C12)	PZ-017B	2012Q3	Primary Sample	**590**	5	ug/L	Taste/Odor	Shallow											X
	PZ-084	2012Q3	Primary Sample	**790**	5	ug/L	Taste/Odor	Shallow											X
	PZ-087B	2012Q3	Primary Sample	**450**	5	ug/L	Taste/Odor	Shallow											X
	RD-01	2012Q3	Primary Sample	**760**	5	ug/L	Taste/Odor	Shallow											X
	RD-31 (Port 1)	2012Q3	Primary Sample	**44 J**	5	ug/L	Taste/Odor	Shallow											X
	RD-37	2012Q1	Primary Sample	**31 J**	5	ug/L	Taste/Odor	Chatsworth								X			
Gasoline Range Organics (C8-C11)	PZ-084	2012Q1	Primary Sample	1.3	1.8	mg/L	SWGW RBSL	Shallow											X
Gross Alpha, Dissolved	HAR-18	2012Q1	Primary Sample	**27.01 ± 4.32**	15	pCi/L	Primary MCL	Chatsworth											X
	HAR-20	2012Q1	Primary Sample	13.16 ± 4.83	15	pCi/L	Primary MCL	Chatsworth											X
	HAR-20	2012Q3	Primary Sample	**22 J ± 7**	15	pCi/L	Primary MCL	Shallow											X
	RD-56A	2012Q3	Primary Sample	5.3 J ± 2.7	15	pCi/L	Primary MCL	Shallow							X				
	RD-56B	2012Q1	Primary Sample	4.95 ± 1.94	15	pCi/L	Primary MCL	Chatsworth							X				
	RD-96	2012Q1	Primary Sample	11.12 ± 3.79	15	pCi/L	Primary MCL	Chatsworth							X				
Gross Beta, Dissolved	HAR-18	2012Q3	Primary Sample	37 J ± 6.3	50	pCi/L	Cal MCL	Shallow											X
	HAR-20	2012Q1	Primary Sample	10.27 ± 2.89	50	pCi/L	Cal MCL	Chatsworth											X
	HAR-20	2012Q3	Primary Sample	36 J ± 8.7	50	pCi/L	Cal MCL	Shallow											X
	RD-33A (Port 3)	2012Q1	Primary Sample	9.13 ± 1.99	50	pCi/L	Cal MCL	Chatsworth							X				
	RD-56A	2012Q3	Primary Sample	19 J ± 5.6	50	pCi/L	Cal MCL	Shallow							X				
	RD-56B	2012Q3	Primary Sample	14 J ± 4.4	50	pCi/L	Cal MCL	Shallow							X				
	RD-60	2012Q3	Primary Sample	**81 J ± 21**	50	pCi/L	Cal MCL	Shallow							X				
	RS-11	2012Q1	Primary Sample	24.62 ± 5.02	50	pCi/L	Cal MCL	Shallow											X
Gross beta, Particulate	RD-56B	2012Q3	Primary Sample	13 J ± 2.3	50	pCi/L	Cal MCL	Shallow							X				
Hexavalent Chromium	PZ-141	2012Q1	Primary Sample	**0.035 J**	0.014	mg/L	SSFL Comparison	Shallow									X		
Hexavalent Chromium, Dissolved	PZ-139	2012Q3	Primary Sample	0.0053 J	0.038	mg/L	SWGW RBSL	Shallow										X	
	PZ-141	2012Q3	Primary Sample	0.017 J	0.038	mg/L	SWGW RBSL	Shallow										X	
Iron	RD-100	2012Q3	Primary Sample	**4.6**	4.1	mg/L	SSFL Comparison	Shallow											X
	RD-49B	2012Q1	Primary Sample	3.1	4.1	mg/L	SSFL Comparison	Chatsworth	X										
	RD-77	2012Q1	Primary Sample	0.11	4.1	mg/L	SSFL Comparison	Chatsworth	X										
	RS-34	2012Q1	Primary Sample	0.76	4.1	mg/L	SSFL Comparison	Shallow		X									
Iron, Dissolved	ES-26	2012Q1	Primary Sample	0.76	4.1	mg/L	SSFL Comparison	Shallow	X										
	ES-26	2012Q1	Field Duplicate	0.71	4.1	mg/L	SSFL Comparison	Shallow	X										
	PZ-158	2012Q1	Primary Sample	0.59	4.1	mg/L	SSFL Comparison	Shallow									X		
	RD-49B	2012Q1	Primary Sample	3	4.1	mg/L	SSFL Comparison	Chatsworth	X										
Lead	RD-104	2012Q1	Primary Sample	0.0016 J	0.011	mg/L	SSFL Comparison	Chatsworth				X	X						
	RD-50 (Port 2)	2012Q1	Primary Sample	0.0028	0.011	mg/L	SSFL Comparison	Chatsworth							X				
	RD-50 (Port 2)	2012Q1	Split Sample	0.0061	0.011	mg/L	SSFL Comparison	Chatsworth							X				
	RD-54A (Port 2)	2012Q1	Primary Sample	0.006	0.011	mg/L	SSFL Comparison	Chatsworth							X				
	RD-57 (Port 7)	2012Q1	Primary Sample	**0.021**	0.011	mg/L	SSFL Comparison	Chatsworth							X				
	RD-59B	2012Q1	Primary Sample	**0.065**	0.011	mg/L	SSFL Comparison	Chatsworth							X				

TABLE 11
NEW MAXIMUM CONCENTRATIONS, 2012
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Analyte	Well Identifier	Event	Sample Type	Result	Groundwater Screening Reference Value	Units	Screening Type	Groundwater Unit	Monitoring Program										
									Regulated Unit PCP								Other		
									Bkgd	DM	EM	EM (aff)	POC	CAIM	Site-Wide	LUFT	SMOU RFI	Area IV	GW RI
Magnesium	ES-17	2012Q1	Primary Sample	15	77	mg/L	SSFL Comparison	Shallow		X									
	HAR-09	2012Q1	Primary Sample	**85**	77	mg/L	SSFL Comparison	Shallow		X									
	HAR-09	2012Q1	Split Sample	**88**	77	mg/L	SSFL Comparison	Shallow		X									
	HAR-30	2012Q1	Primary Sample	40	77	mg/L	SSFL Comparison	Shallow		X									
	HAR-31	2012Q1	Primary Sample	23	77	mg/L	SSFL Comparison	Shallow	X										
	RD-104	2012Q1	Primary Sample	31	77	mg/L	SSFL Comparison	Chatsworth		X									
	RD-49B	2012Q1	Primary Sample	29	77	mg/L	SSFL Comparison	Chatsworth	X										
	RS-34	2012Q1	Primary Sample	46	77	mg/L	SSFL Comparison	Shallow		X									
Magnesium, Dissolved	ES-17	2012Q1	Primary Sample	15	77	mg/L	SSFL Comparison	Shallow		X									
	PZ-159	2012Q1	Primary Sample	24	77	mg/L	SSFL Comparison	Shallow									X		
	RD-49B	2012Q1	Primary Sample	29	77	mg/L	SSFL Comparison	Chatsworth	X										
	RS-34	2012Q1	Primary Sample	53	77	mg/L	SSFL Comparison	Shallow		X									
Manganese	ES-17	2012Q1	Primary Sample	0.021	0.15	mg/L	SSFL Comparison	Shallow		X									
	ES-26	2012Q1	Primary Sample	**1.7**	0.15	mg/L	SSFL Comparison	Shallow	X										
	ES-26	2012Q1	Field Duplicate	**1.7**	0.15	mg/L	SSFL Comparison	Shallow	X										
	RD-100	2012Q3	Primary Sample	**0.18**	0.15	mg/L	SSFL Comparison	Shallow											X
	RD-49B	2012Q1	Primary Sample	**0.18**	0.15	mg/L	SSFL Comparison	Chatsworth	X										
Manganese, Dissolved	ES-17	2012Q1	Primary Sample	0.022	0.15	mg/L	SSFL Comparison	Shallow		X									
	ES-26	2012Q1	Primary Sample	**2.3**	0.15	mg/L	SSFL Comparison	Shallow	X										
	ES-26	2012Q1	Field Duplicate	**2.4**	0.15	mg/L	SSFL Comparison	Shallow	X										
	PZ-159	2012Q3	Primary Sample	0.1	0.15	mg/L	SSFL Comparison	Shallow										X	
	RD-49B	2012Q1	Primary Sample	**0.17**	0.15	mg/L	SSFL Comparison	Chatsworth	X										
Naphthalene	PZ-140	2012Q3	Field Duplicate	0.022 J	17	ug/L	Notification Level	Shallow										X	
	PZ-140	2012Q3	Primary Sample	0.024 J	17	ug/L	Notification Level	Shallow										X	
	PZ-141	2012Q1	Primary Sample	0.0067 J	17	ug/L	Notification Level	Shallow									X		
Nickel	ES-17	2012Q1	Primary Sample	0.0018 J	0.017	mg/L	SSFL Comparison	Shallow				X	X						
	HAR-09	2012Q1	Split Sample	0.0043	0.017	mg/L	SSFL Comparison	Shallow				X	X						
	PZ-108	2012Q1	Primary Sample	0.004	0.017	mg/L	SSFL Comparison	Shallow							X				
	RD-100	2012Q3	Primary Sample	0.0044	0.017	mg/L	SSFL Comparison	Shallow											X
	RD-18	2012Q1	Primary Sample	0.0019 J	0.017	mg/L	SSFL Comparison	Chatsworth							X				
	RD-19	2012Q1	Primary Sample	0.0023	0.017	mg/L	SSFL Comparison	Chatsworth							X				
	RD-50 (Port 2)	2012Q1	Primary Sample	0.00071 J	0.017	mg/L	SSFL Comparison	Chatsworth							X				
	RD-50 (Port 2)	2012Q1	Split Sample	0.0012 J	0.017	mg/L	SSFL Comparison	Chatsworth							X				
	RD-54A (Port 2)	2012Q1	Primary Sample	0.00096 J	0.017	mg/L	SSFL Comparison	Chatsworth							X				
	RD-57 (Port 7)	2012Q1	Primary Sample	0.0037	0.017	mg/L	SSFL Comparison	Chatsworth							X				
	RD-63	2012Q1	Primary Sample	0.014	0.017	mg/L	SSFL Comparison	Chatsworth							X				
	RD-85	2012Q1	Primary Sample	0.0078	0.017	mg/L	SSFL Comparison	Chatsworth							X				
Nickel, Dissolved	PZ-108	2012Q1	Primary Sample	0.0018 J	0.017	mg/L	SSFL Comparison	Shallow							X				
	RD-100	2012Q3	Primary Sample	0.0026	0.017	mg/L	SSFL Comparison	Shallow											X
	RD-19	2012Q1	Primary Sample	0.0022	0.017	mg/L	SSFL Comparison	Chatsworth							X				
	RD-50 (Port 2)	2012Q1	Split Sample	0.0009 J	0.017	mg/L	SSFL Comparison	Chatsworth							X				

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NEW MAXIMUM CONCENTRATIONS, 2012
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Analyte	Well Identifier	Event	Sample Type	Result	Groundwater Screening Reference Value	Units	Screening Type	Groundwater Unit	Monitoring Program										
									Regulated Unit PCP								Other		
									Bkgd	DM	EM	EM (aff)	POC	CAIM	Site-Wide	LUFT	SMOU RFI	Area IV	GW RI
Nitrate-NO3	ES-01	2012Q3	Primary Sample	1 J	45	mg/L	Cal MCL	Shallow							X				
	HAR-01	2012Q1	Primary Sample	44	45	mg/L	Cal MCL	Chatsworth			X								
	HAR-20	2012Q1	Primary Sample	0.9 J	45	mg/L	Cal MCL	Chatsworth			X								
	HAR-26	2012Q3	Primary Sample	0.21 J	45	mg/L	Cal MCL	Shallow			X	X							
	PZ-076	2012Q1	Primary Sample	7.2	45	mg/L	Cal MCL	Shallow							X				
	RD-05C	2012Q3	Primary Sample	0.25 J	45	mg/L	Cal MCL	Shallow			X								
	RD-48C	2012Q1	Primary Sample	0.19 J	45	mg/L	Cal MCL	Chatsworth			X				X				
	RS-33	2012Q1	Primary Sample	9.3	45	mg/L	Cal MCL	Shallow		X	X		X						
n-Nitrosodimethylamine	ES-17	2012Q1	Field Duplicate	**0.91 J**	0.01	ug/L	Notification Level	Shallow		X	X		X						
	ES-17	2012Q1	Primary Sample	**0.56 J**	0.01	ug/L	Notification Level	Shallow		X	X		X						
	ES-17	2012Q1	Primary Sample	**0.64 J**	0.01	ug/L	Notification Level	Shallow		X	X		X						
	HAR-27	2012Q1	Primary Sample	**0.021**	0.01	ug/L	Notification Level	Shallow		X	X		X						
	PZ-027	2012Q3	Primary Sample	**0.039**	0.01	ug/L	Notification Level	Shallow											X
	PZ-027	2012Q3	Field Duplicate	**0.04**	0.01	ug/L	Notification Level	Shallow											X
	PZ-087B	2012Q1	Primary Sample	**1.1**	0.01	ug/L	Notification Level	Shallow											X
	PZ-087B	2012Q1	Field Duplicate	**1.2**	0.01	ug/L	Notification Level	Shallow											X
	PZ-087B	2012Q3	Primary Sample	**1.3**	0.01	ug/L	Notification Level	Shallow											X
	PZ-087B	2012Q3	Field Duplicate	**1.4**	0.01	ug/L	Notification Level	Shallow											X
	RD-104	2012Q1	Primary Sample	**0.012**	0.01	ug/L	Notification Level	Chatsworth		X	X		X						
	RD-45A	2012Q1	Field Duplicate	**0.18**	0.01	ug/L	Notification Level	Chatsworth			X								
Octachlorodibenzofuran	RS-34	2012Q1	Primary Sample	4.9 J	--	pg/L	--	Shallow				X	X						
Octachlorodibenzo-p-dioxin	HAR-01	2012Q3	Split Sample	3.6 J	--	pg/L	--	Shallow						X					
	RS-34	2012Q1	Primary Sample	40 J	--	pg/L	--	Shallow				X	X						
Perchlorate	RD-35A	2012Q3	Primary Sample	0.84 J	6	ug/L	Cal MCL	Shallow							X				
	RD-50 (Port 2)	2012Q1	Primary Sample	1.8 J	6	ug/L	Cal MCL	Chatsworth							X				

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SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Analyte	Well Identifier	Event	Sample Type	Result	Groundwater Screening Reference Value	Units	Screening Type	Groundwater Unit	Monitoring Program										
									Regulated Unit PCP								Other		
									Bkgd	DM	EM	EM (aff)	POC	CAIM	Site-Wide	LUFT	SMOU RFI	Area IV	GW RI
pH	ES-26	2012Q1	Field Duplicate	7.84 J	--	pH Units	--	Shallow	X										
	ES-26	2012Q1	Primary Sample	8.02 J	--	pH Units	--	Shallow	X										
	HAR-05	2012Q1	Primary Sample	7.53	--	pH Units	--	Chatsworth			X								
	HAR-07	2012Q1	Primary Sample	6.94 J	--	pH Units	--	Chatsworth			X								
	HAR-07	2012Q1	Field Duplicate	7.04 J	--	pH Units	--	Chatsworth			X								
	HAR-07	2012Q3	Primary Sample	7.05 J	--	pH Units	--	Shallow			X	X							
	HAR-09	2012Q1	Split Sample	7.9	--	pH Units	--	Shallow		X									
	HAR-12	2012Q3	Primary Sample	7.38 J	--	pH Units	--	Shallow		X	X	X							
	HAR-14	2012Q3	Primary Sample	7.39 J	--	pH Units	--	Shallow		X	X	X							
	HAR-16	2012Q1	Primary Sample	7.44 J	--	pH Units	--	Chatsworth		X	X		X						
	HAR-19	2012Q1	Primary Sample	7.33 J	--	pH Units	--	Chatsworth		X									
	HAR-23	2012Q3	Primary Sample	7.4 J	--	pH Units	--	Shallow			X								
	HAR-28	2012Q3	Primary Sample	7.16 J	--	pH Units	--	Shallow		X	X	X							
	HAR-29	2012Q3	Primary Sample	7.25 J	--	pH Units	--	Shallow		X	X	X							
	HAR-31	2012Q1	Primary Sample	7.39 J	--	pH Units	--	Shallow	X										
	HAR-33	2012Q1	Primary Sample	8.08 J	--	pH Units	--	Shallow			X								
	RD-05A	2012Q1	Primary Sample	7.36 J	--	pH Units	--	Chatsworth			X								
	RD-05A	2012Q3	Primary Sample	7.99 J	--	pH Units	--	Shallow			X								
	RD-05B	2012Q1	Primary Sample	9.32 J	--	pH Units	--	Chatsworth			X								
	RD-05C	2012Q1	Primary Sample	7.82 J	--	pH Units	--	Chatsworth			X								
	RD-104	2012Q1	Primary Sample	7.5 J	--	pH Units	--	Chatsworth		X									
	RD-12	2012Q1	Primary Sample	8	--	pH Units	--	Chatsworth			X								
	RD-36D	2012Q1	Primary Sample	8.57	--	pH Units	--	Chatsworth			X								
	RD-39B	2012Q1	Primary Sample	8.44	--	pH Units	--	Chatsworth			X								
	RD-46A	2012Q1	Primary Sample	7.48 J	--	pH Units	--	Chatsworth			X								
	RD-46B	2012Q1	Primary Sample	9.06 J	--	pH Units	--	Chatsworth			X								
	RD-49A	2012Q1	Primary Sample	7.4 J	--	pH Units	--	Chatsworth	X										
	RD-49B	2012Q1	Primary Sample	7.44 J	--	pH Units	--	Chatsworth	X										
	RD-51A	2012Q1	Primary Sample	7.69	--	pH Units	--	Chatsworth			X								
	RD-51B	2012Q1	Primary Sample	7.58	--	pH Units	--	Chatsworth			X								
	RD-53	2012Q1	Primary Sample	7.22	--	pH Units	--	Chatsworth			X								
	RD-55A	2012Q1	Primary Sample	7.56 J	--	pH Units	--	Chatsworth			X								
	RD-55A	2012Q1	Field Duplicate	7.48 J	--	pH Units	--	Chatsworth			X								
	RD-58A	2012Q1	Primary Sample	7.48 J	--	pH Units	--	Chatsworth			X								
	RD-58A	2012Q3	Field Duplicate	7.61 J	--	pH Units	--	Shallow			X								
	RD-58B	2012Q1	Primary Sample	7.92 J	--	pH Units	--	Chatsworth			X								
	RD-58C	2012Q1	Primary Sample	8.21 J	--	pH Units	--	Chatsworth			X								
	RD-77	2012Q1	Primary Sample	7.77 J	--	pH Units	--	Chatsworth	X										
	RS-33	2012Q1	Primary Sample	7.35 J	--	pH Units	--	Shallow		X	X		X						
	RS-33	2012Q3	Primary Sample	7.66 J	--	pH Units	--	Shallow		X	X	X							
Potassium	ES-17	2012Q1	Primary Sample	1.3 J	9.6	mg/L	SSFL Comparison	Shallow		X									
	RD-41A	2012Q1	Primary Sample	4.4 J	9.6	mg/L	SSFL Comparison	Chatsworth	X										

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NEW MAXIMUM CONCENTRATIONS, 2012
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Analyte	Well Identifier	Event	Sample Type	Result	Groundwater Screening Reference Value	Units	Screening Type	Groundwater Unit	Monitoring Program										
									Regulated Unit PCP								Other		
									Bkgd	DM	EM	EM (aff)	POC	CAIM	Site-Wide	LUFT	SMOU RFI	Area IV	GW RI
Potassium, Dissolved	ES-17	2012Q1	Primary Sample	1.3 J	9.6	mg/L	SSFL Comparison	Shallow		X									
	PZ-139	2012Q3	Split Sample	2.8	9.6	mg/L	SSFL Comparison	Shallow										X	
	PZ-140	2012Q3	Field Duplicate	4.2	9.6	mg/L	SSFL Comparison	Shallow										X	
	PZ-140	2012Q3	Primary Sample	4.5	9.6	mg/L	SSFL Comparison	Shallow										X	
	PZ-159	2012Q1	Primary Sample	2.8	9.6	mg/L	SSFL Comparison	Shallow									X		
	RD-49B	2012Q1	Primary Sample	5.1	9.6	mg/L	SSFL Comparison	Chatsworth	X										
Potassium-40, Dissolved	RD-57 (Port 7)	2012Q1	Primary Sample	43.01 J ± 27.3	--	pCi/L	--	Chatsworth							X				
Selenium, Dissolved	HAR-09	2012Q1	Split Sample	0.00091 J	0.0016	mg/L	SSFL Comparison	Shallow				X	X						
Silver	HAR-09	2012Q1	Split Sample	**0.00029 J**	0.00017	mg/L	SSFL Comparison	Shallow				X	X						
	HAR-29	2012Q1	Primary Sample	**0.00053 J**	0.00017	mg/L	SSFL Comparison	Shallow				X							
	RD-104	2012Q1	Primary Sample	**0.00034 J**	0.00017	mg/L	SSFL Comparison	Chatsworth				X	X						
	RD-33A (Port 3)	2012Q1	Primary Sample	**0.00023 J**	0.00017	mg/L	SSFL Comparison	Chatsworth							X				
	RS-33	2012Q1	Primary Sample	**0.00031 J**	0.00017	mg/L	SSFL Comparison	Shallow				X	X						
Silver, Dissolved	HAR-07	2012Q1	Field Duplicate	**0.0023 J**	0.00017	mg/L	SSFL Comparison	Chatsworth				X							
	RD-50 (Port 2)	2012Q1	Split Sample	**0.00032 J**	0.00017	mg/L	SSFL Comparison	Chatsworth							X				
Sodium	ES-17	2012Q1	Primary Sample	92	190	mg/L	SSFL Comparison	Shallow		X									
	HAR-09	2012Q1	Split Sample	82	190	mg/L	SSFL Comparison	Shallow		X									
	RD-19	2012Q1	Primary Sample	95	190	mg/L	SSFL Comparison	Chatsworth							X				
	RD-34C	2012Q1	Primary Sample	40	190	mg/L	SSFL Comparison	Chatsworth							X				
Sodium, Dissolved	ES-17	2012Q1	Primary Sample	94	190	mg/L	SSFL Comparison	Shallow		X									
	OS-04	2012Q1	Primary Sample	90	190	mg/L	SSFL Comparison	Chatsworth							X				
	PZ-159	2012Q1	Primary Sample	51	190	mg/L	SSFL Comparison	Shallow									X		
	RD-19	2012Q1	Primary Sample	100	190	mg/L	SSFL Comparison	Chatsworth							X				
	RD-34C	2012Q1	Primary Sample	41	190	mg/L	SSFL Comparison	Chatsworth							X				
	RD-63	2012Q1	Primary Sample	59	190	mg/L	SSFL Comparison	Chatsworth							X				
	RD-85	2012Q1	Primary Sample	88	190	mg/L	SSFL Comparison	Chatsworth							X				
Specific conductivity	ES-17	2012Q1	Primary Sample	**930**	900	umhos/cm	Recommended SMCL	Shallow		X									
	HAR-09	2012Q1	Split Sample	**1700**	900	umhos/cm	Recommended SMCL	Shallow		X									
	HAR-30	2012Q1	Primary Sample	**1200**	900	umhos/cm	Recommended SMCL	Shallow		X									
	HAR-31	2012Q1	Primary Sample	740	900	umhos/cm	Recommended SMCL	Shallow	X										
	RS-34	2012Q1	Primary Sample	**1500**	900	umhos/cm	Recommended SMCL	Shallow		X									
Strontium	ES-17	2012Q1	Primary Sample	0.5	0.8	mg/L	SSFL Comparison	Shallow		X									
	HAR-30	2012Q1	Primary Sample	0.58	0.8	mg/L	SSFL Comparison	Shallow		X									
	RS-33	2012Q1	Primary Sample	0.71	0.8	mg/L	SSFL Comparison	Shallow		X									
	RS-34	2012Q1	Primary Sample	0.74	0.8	mg/L	SSFL Comparison	Shallow		X									
Strontium, Dissolved	ES-17	2012Q1	Primary Sample	0.51	0.8	mg/L	SSFL Comparison	Shallow		X									
	HAR-30	2012Q1	Primary Sample	0.54	0.8	mg/L	SSFL Comparison	Shallow		X									
	RS-33	2012Q1	Primary Sample	0.71	0.8	mg/L	SSFL Comparison	Shallow		X									
	RS-34	2012Q1	Primary Sample	0.79	0.8	mg/L	SSFL Comparison	Shallow		X									
Strontium-90, Particulate	RD-56B	2012Q3	Primary Sample	2.6 ± 0.3	8	pCi/L	Primary MCL	Shallow							X				

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SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Analyte	Well Identifier	Event	Sample Type	Result	Groundwater Screening Reference Value	Units	Screening Type	Groundwater Unit	Monitoring Program										
									Regulated Unit PCP								Other		
									Bkgd	DM	EM	EM (aff)	POC	CAIM	Site-Wide	LUFT	SMOU RFI	Area IV	GW RI
Sulfate	ES-17	2012Q1	Primary Sample	96	376	mg/L	SSFL Comparison	Shallow		X									
	HAR-09	2012Q1	Primary Sample	330	376	mg/L	SSFL Comparison	Shallow		X									
	HAR-09	2012Q1	Split Sample	330	376	mg/L	SSFL Comparison	Shallow		X									
	HAR-19	2012Q1	Primary Sample	300	376	mg/L	SSFL Comparison	Chatsworth		X									
	HAR-19	2012Q1	Field Duplicate	270	376	mg/L	SSFL Comparison	Chatsworth		X									
	RD-49B	2012Q1	Primary Sample	280	376	mg/L	SSFL Comparison	Chatsworth	X										
	RS-34	2012Q1	Primary Sample	270	376	mg/L	SSFL Comparison	Shallow		X									
Sulfide	PZ-060	2012Q3	Primary Sample	0.028 J	--	mg/L	--	Shallow			X	X							
	PZ-060	2012Q3	Field Duplicate	0.14	--	mg/L	--	Shallow			X	X							
	PZ-060	2012Q3	Split Sample	0.08 J	--	mg/L	--	Shallow			X	X							
	RD-104	2012Q1	Primary Sample	0.024 J	--	mg/L	--	Chatsworth				X	X						
	RD-11	2012Q1	Primary Sample	0.25	--	mg/L	--	Chatsworth				X							
Tetrachloroethene	PZ-027	2012Q3	Primary Sample	0.67 J	5	ug/L	Primary MCL	Shallow											X
	RS-33	2012Q1	Primary Sample	0.57 J	5	ug/L	Primary MCL	Shallow		X	X		X						
Thallium	HAR-09	2012Q1	Primary Sample	3.3E-05 J	0.00013	mg/L	SSFL Comparison	Shallow				X	X						
	HAR-19	2012Q1	Field Duplicate	4.3E-05 J	0.00013	mg/L	SSFL Comparison	Chatsworth				X							
	HAR-19	2012Q1	Primary Sample	5.9E-05 J	0.00013	mg/L	SSFL Comparison	Chatsworth				X							
	RD-85	2012Q1	Primary Sample	0.00006 J	0.00013	mg/L	SSFL Comparison	Chatsworth							X				
Thallium, Dissolved	PZ-159	2012Q1	Primary Sample	3.6E-05 J	0.00013	mg/L	SSFL Comparison	Shallow									X		
	RD-104	2012Q1	Primary Sample	4.9E-05 J	0.00013	mg/L	SSFL Comparison	Chatsworth				X	X						
	RD-19	2012Q1	Primary Sample	6.3E-05 J	0.00013	mg/L	SSFL Comparison	Chatsworth							X				
	RD-85	2012Q1	Primary Sample	5.8E-05 J	0.00013	mg/L	SSFL Comparison	Chatsworth							X				
Total Alkalinity	ES-17	2012Q1	Primary Sample	350	--	mg/L	--	Shallow		X									
	HAR-28	2012Q1	Primary Sample	530	--	mg/L	--	Shallow		X									
	HAR-30	2012Q1	Primary Sample	380	--	mg/L	--	Shallow		X									
	HAR-31	2012Q1	Primary Sample	280	--	mg/L	--	Shallow	X										
	RD-104	2012Q1	Primary Sample	470	--	mg/L	--	Chatsworth		X									
	RS-33	2012Q1	Primary Sample	360	--	mg/L	--	Shallow		X									
	RS-34	2012Q1	Primary Sample	490	--	mg/L	--	Shallow		X									
Total Dissolved Solids	ES-17	2012Q1	Primary Sample	550	--	mg/L	Recommended SMCL	Shallow		X									
	RS-34	2012Q1	Primary Sample	940	--	mg/L	Recommended SMCL	Shallow		X									
trans-1,2-Dichloroethene	PZ-017B	2012Q3	Primary Sample	**36**	10	ug/L	Cal MCL	Shallow											X
	PZ-048	2012Q1	Primary Sample	**190**	10	ug/L	Cal MCL	Shallow											X
	PZ-048	2012Q3	Primary Sample	**200 J**	10	ug/L	Cal MCL	Shallow											X
	PZ-126	2012Q1	Primary Sample	**21**	10	ug/L	Cal MCL	Shallow											X
	PZ-126	2012Q3	Primary Sample	**30**	10	ug/L	Cal MCL	Shallow											X
	PZ-139	2012Q1	Primary Sample	0.8 J	10	ug/L	Cal MCL	Shallow									X		
	RD-33A (Port 3)	2012Q1	Primary Sample	1.4	10	ug/L	Cal MCL	Chatsworth							X				
	RD-35B	2012Q3	Primary Sample	**33**	10	ug/L	Cal MCL	Shallow							X				
	RD-49A	2012Q1	Primary Sample	**150**	10	ug/L	Cal MCL	Chatsworth	X										
	RD-53	2012Q1	Primary Sample	0.22 J	10	ug/L	Cal MCL	Chatsworth			X								
	RS-33	2012Q1	Primary Sample	0.52 J	10	ug/L	Cal MCL	Shallow		X	X		X						

TABLE 11
NEW MAXIMUM CONCENTRATIONS, 2012
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Analyte	Well Identifier	Event	Sample Type	Result	Groundwater Screening Reference Value	Units	Screening Type	Groundwater Unit	Monitoring Program										
									Regulated Unit PCP								Other		
									Bkgd	DM	EM	EM (aff)	POC	CAIM	Site-Wide	LUFT	SMOU RFI	Area IV	GW RI
Trichloroethene	HAR-26	2012Q1	Primary Sample	**10**	5	ug/L	Primary MCL	Chatsworth			X								
	PZ-027	2012Q1	Primary Sample	**11**	5	ug/L	Primary MCL	Shallow											X
	PZ-027	2012Q3	Primary Sample	**15**	5	ug/L	Primary MCL	Shallow											X
	PZ-076	2012Q1	Primary Sample	**9.5**	5	ug/L	Primary MCL	Shallow							X				
	PZ-139	2012Q3	Split Sample	**290 J**	5	ug/L	Primary MCL	Shallow										X	
	RD-100	2012Q3	Primary Sample	**7.2**	5	ug/L	Primary MCL	Chatsworth											X
	RD-46A	2012Q1	Primary Sample	**33000**	5	ug/L	Primary MCL	Chatsworth			X								
	RD-56B	2012Q3	Primary Sample	2.9	5	ug/L	Primary MCL	Chatsworth							X				
	RD-58B	2012Q3	Primary Sample	2.5	5	ug/L	Primary MCL	Chatsworth			X				X				
	RD-69	2012Q1	Primary Sample	**12**	5	ug/L	Primary MCL	Chatsworth							X				
Tritium	RD-56A	2012Q1	Primary Sample	341.48 J ± 137	20000	pCi/L	Primary MCL	Chatsworth							X				
Turbidity	ES-26	2012Q1	Primary Sample	**39**	5	NTU	Secondary MCL	Shallow	X										
	ES-26	2012Q1	Field Duplicate	**28**	5	NTU	Secondary MCL	Shallow	X										
	RD-49B	2012Q1	Primary Sample	**17**	5	NTU	Secondary MCL	Chatsworth	X										
	RS-34	2012Q1	Primary Sample	2.8	5	NTU	Secondary MCL	Shallow		X									
Uranium-233/234, Dissolved	RD-13	2012Q1	Primary Sample	3 ± 0.65	20	pCi/L	Cal MCL	Chatsworth							X				
	RD-18	2012Q1	Primary Sample	4.28 J ± 0.76	20	pCi/L	Cal MCL	Chatsworth							X				
	RD-18	2012Q1	Field Duplicate	4.23 J ± 0.77	20	pCi/L	Cal MCL	Chatsworth							X				
	RD-33A (Port 3)	2012Q1	Primary Sample	2.36 ± 0.55	20	pCi/L	Cal MCL	Chatsworth							X				
	RD-33B	2012Q1	Primary Sample	0.26 J ± 0.2	20	pCi/L	Cal MCL	Chatsworth							X				
	RD-56B	2012Q3	Primary Sample	1.3 J ± 0.67	20	pCi/L	Cal MCL	Chatsworth							X				
	RD-59B	2012Q1	Primary Sample	0.5 J ± 0.22	20	pCi/L	Cal MCL	Chatsworth							X				
	RD-60	2012Q3	Primary Sample	5.3 ± 1.1	20	pCi/L	Cal MCL	Chatsworth							X				
	RD-96	2012Q1	Primary Sample	6.91 ± 1.14	20	pCi/L	Cal MCL	Chatsworth							X				
Uranium-235, Dissolved	HAR-18	2012Q3	Primary Sample	0.56 J ± 0.31	20	pCi/L	Cal MCL	Chatsworth											X
	RD-60	2012Q1	Primary Sample	0.41 J ± 0.21	20	pCi/L	Cal MCL	Chatsworth							X				
	RD-60	2012Q3	Primary Sample	0.84 J ± 0.38	20	pCi/L	Cal MCL	Chatsworth							X				
	RD-98	2012Q1	Primary Sample	0.29 J ± 0.23	20	pCi/L	Cal MCL	Chatsworth										X	
Uranium-238, Dissolved	OS-03	2012Q1	Primary Sample	0.18 J ± 0.14	20	pCi/L	Cal MCL	Chatsworth							X				
	RD-13	2012Q1	Primary Sample	2.34 ± 0.55	20	pCi/L	Cal MCL	Chatsworth							X				
	RD-18	2012Q1	Primary Sample	3.47 J ± 0.66	20	pCi/L	Cal MCL	Chatsworth							X				
	RD-18	2012Q1	Field Duplicate	3.31 J ± 0.65	20	pCi/L	Cal MCL	Chatsworth							X				
	RD-33A (Port 3)	2012Q1	Primary Sample	1.96 ± 0.5	20	pCi/L	Cal MCL	Chatsworth							X				
	RD-56B	2012Q3	Primary Sample	1.3 J ± 0.65	20	pCi/L	Cal MCL	Chatsworth							X				
	RD-59A	2012Q1	Primary Sample	0.64 J ± 0.26	20	pCi/L	Cal MCL	Chatsworth							X				
	RD-59B	2012Q1	Primary Sample	0.16 J ± 0.12	20	pCi/L	Cal MCL	Chatsworth							X				
	RD-60	2012Q1	Primary Sample	4.81 J ± 0.79	20	pCi/L	Cal MCL	Chatsworth							X				
	RD-60	2012Q3	Primary Sample	6.3 ± 1.2	20	pCi/L	Cal MCL	Chatsworth							X				
	RD-96	2012Q1	Primary Sample	5.93 ± 1.02	20	pCi/L	Cal MCL	Chatsworth							X				

TABLE 11
NEW MAXIMUM CONCENTRATIONS, 2012
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Analyte	Well Identifier	Event	Sample Type	Result	Groundwater Screening Reference Value	Units	Screening Type	Groundwater Unit	Monitoring Program											
									Regulated Unit PCP								Other			
									Bkgd	DM	EM	EM (aff)	POC	CAIM	Site-Wide	LUFT	SMOU RFI	Area IV	GW RI
Vanadium	HAR-09	2012Q1	Split Sample	**0.011**	0.0026	mg/L	SSFL Comparison	Shallow				X	X						
	HAR-20	2012Q1	Primary Sample	0.00035 J	0.0026	mg/L	SSFL Comparison	Chatsworth				X							
	HAR-27	2012Q1	Primary Sample	0.00055 J	0.0026	mg/L	SSFL Comparison	Shallow				X	X						
	HAR-30	2012Q1	Primary Sample	0.0016 J	0.0026	mg/L	SSFL Comparison	Shallow				X							
	PZ-108	2012Q1	Primary Sample	**0.0049 J**	0.0026	mg/L	SSFL Comparison	Shallow							X				
	RD-104	2012Q1	Primary Sample	**0.0034 J**	0.0026	mg/L	SSFL Comparison	Chatsworth				X	X						
	RD-50 (Port 2)	2012Q1	Primary Sample	**0.0035 J**	0.0026	mg/L	SSFL Comparison	Chatsworth							X				
	RD-57 (Port 7)	2012Q1	Primary Sample	0.0016 J	0.0026	mg/L	SSFL Comparison	Chatsworth							X				
	RD-86	2012Q1	Primary Sample	0.0014 J	0.0026	mg/L	SSFL Comparison	Chatsworth							X				
	RD-86	2012Q1	Field Duplicate	0.0014 J	0.0026	mg/L	SSFL Comparison	Chatsworth							X				
	RS-34	2012Q1	Primary Sample	**0.0029 J**	0.0026	mg/L	SSFL Comparison	Shallow				X	X						
Vanadium, Dissolved	HAR-30	2012Q1	Primary Sample	0.0017 J	0.0026	mg/L	SSFL Comparison	Shallow				X							
	PZ-141	2012Q1	Primary Sample	**0.003 J**	0.0026	mg/L	SSFL Comparison	Shallow									X		
	PZ-141	2012Q1	Field Duplicate	**0.003 J**	0.0026	mg/L	SSFL Comparison	Shallow									X		
	RD-100	2012Q3	Primary Sample	0.0014 J	0.0026	mg/L	SSFL Comparison	Chatsworth											X
	RD-50 (Port 2)	2012Q1	Primary Sample	**0.0032 J**	0.0026	mg/L	SSFL Comparison	Chatsworth							X				
	RS-34	2012Q1	Primary Sample	0.0023 J	0.0026	mg/L	SSFL Comparison	Shallow				X	X						
Vinyl chloride	ES-24	2012Q1	Primary Sample	**220**	0.5	ug/L	Cal MCL	Shallow											X
	PZ-048	2012Q1	Primary Sample	**1200**	0.5	ug/L	Cal MCL	Shallow											X
	RD-100	2012Q3	Primary Sample	**0.54 J**	0.5	ug/L	Cal MCL	Chatsworth											X
	RD-45B	2012Q3	Primary Sample	0.2 J	0.5	ug/L	Cal MCL	Chatsworth			X								
Zinc	ES-17	2012Q1	Primary Sample	0.051	6.3	mg/L	SSFL Comparison	Shallow		X									
	ES-27	2012Q1	Primary Sample	0.046	6.3	mg/L	SSFL Comparison	Shallow				X							
	HAR-19	2012Q1	Field Duplicate	0.099	6.3	mg/L	SSFL Comparison	Chatsworth				X							
	HAR-19	2012Q1	Primary Sample	0.094	6.3	mg/L	SSFL Comparison	Chatsworth				X							
	PZ-108	2012Q1	Primary Sample	0.034	6.3	mg/L	SSFL Comparison	Shallow							X				
	RD-08	2012Q1	Primary Sample	0.0041 J	6.3	mg/L	SSFL Comparison	Chatsworth				X							
	RD-104	2012Q1	Primary Sample	0.01 J	6.3	mg/L	SSFL Comparison	Chatsworth		X									
	RD-19	2012Q1	Primary Sample	0.14	6.3	mg/L	SSFL Comparison	Chatsworth							X				
	RD-49C	2012Q1	Primary Sample	0.73	6.3	mg/L	SSFL Comparison	Chatsworth				X							
	RD-50 (Port 2)	2012Q1	Primary Sample	0.16	6.3	mg/L	SSFL Comparison	Chatsworth							X				
	RD-54A (Port 2)	2012Q1	Primary Sample	0.038	6.3	mg/L	SSFL Comparison	Chatsworth							X				
	RD-57 (Port 7)	2012Q1	Primary Sample	1.4	6.3	mg/L	SSFL Comparison	Chatsworth							X				
	RD-59B	2012Q1	Primary Sample	0.28	6.3	mg/L	SSFL Comparison	Chatsworth							X				
	RD-59C	2012Q1	Primary Sample	0.067	6.3	mg/L	SSFL Comparison	Chatsworth							X				
	RD-85	2012Q1	Primary Sample	0.0066 J	6.3	mg/L	SSFL Comparison	Chatsworth							X				
	RS-34	2012Q1	Primary Sample	0.0082 J	6.3	mg/L	SSFL Comparison	Shallow		X									

TABLE 11
NEW MAXIMUM CONCENTRATIONS, 2012
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Analyte	Well Identifier	Event	Sample Type	Result	Groundwater Screening Reference Value	Units	Screening Type	Groundwater Unit	Monitoring Program										
									Regulated Unit PCP								Other		
									Bkgd	DM	EM	EM (aff)	POC	CAIM	Site-Wide	LUFT	SMOU RFI	Area IV	GW RI
Zinc, Dissolved	ES-17	2012Q1	Primary Sample	0.051	6.3	mg/L	SSFL Comparison	Shallow		X									
	ES-27	2012Q1	Primary Sample	0.049	6.3	mg/L	SSFL Comparison	Shallow				X							
	HAR-19	2012Q1	Field Duplicate	0.084	6.3	mg/L	SSFL Comparison	Chatsworth		X									
	HAR-19	2012Q1	Primary Sample	0.095	6.3	mg/L	SSFL Comparison	Chatsworth		X									
	PZ-060	2012Q1	Primary Sample	0.0036 J	6.3	mg/L	SSFL Comparison	Shallow				X							
	PZ-108	2012Q1	Primary Sample	0.0098 J	6.3	mg/L	SSFL Comparison	Shallow							X				
	RD-104	2012Q1	Primary Sample	0.011 J	6.3	mg/L	SSFL Comparison	Chatsworth		X									
	RD-49C	2012Q1	Primary Sample	1	6.3	mg/L	SSFL Comparison	Chatsworth				X							
	RD-59B	2012Q1	Primary Sample	0.12	6.3	mg/L	SSFL Comparison	Chatsworth							X				

NOTES AND ABBREVIATIONS:

bold - indicates results that exceed the screening value
J - Result is estimated
mg/L - milligrams per liter
ug/L - micrograms per liter
pg/L - picograms per liter
pCi/L - picocuries per liter
NTU - nephelometric turbidity units
umhos/cm - micromhos per centimeter

Primary MCL - Primary Maximum Contaminant Level
Cal MCL - California Primary Maximum Contaminant Level
Secondary MCL - Secondary Maximum Contaminant Level
SMCL - Secondary Maximum Contaminant Level
Taste/Odor - Taste/Odor Threshold
SSFL Comparison - site-specific values for metals developed by DTSC
SWGW RBSL - Site-Wide Groundwater Risk-Based Screening Level

Chatsworth - Chatsworth Formation groundwater unit
Shallow - Near-surface groundwater unit

PCP - Post-Closure Permit
Bkgd - Background
DM - Detection Monitoring
EM - Evaluation Monitoring
EM(aff) - Evaluation Monitoring (affected media)
POC - Point of Compliance
CAIM - Corrective Measures Interim Measures
SMOU RFI- Surficial Media Operable Unit RCRA Facility Investigation
GW RI - Groundwater Remedial Investigation

TABLE 12
VOLATILE ORGANIC COMPOUNDS ANALYTICAL RESULTS, 2012
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

	Well Identifier:	ES-01	ES-01	ES-17	ES-17	ES-17	ES-17	ES-24	ES-24
	SampleType:	Primary	Primary	Primary	Primary	Field Duplicate	Split	Primary	Primary
	Sample Name:	ES-01_020912_01	ES-01_073012_01	ES-17_020312_01	ES-17_080712_01	ES-17_080712_36	ES-17_080712_03	ES-24_012412_01	ES-24_080812_01
	Groundwater Unit:	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow
	Lab Name:	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Irvine	TA- Denver	TA- Denver
	Collection Date:	2/9/2012	7/30/2012	2/3/2012	8/7/2012	8/7/2012	8/7/2012	1/24/2012	8/8/2012
Analyte (µg/L)	**Method**								
1,1,1,2-Tetrachloroethane	**8260B**	--	--	1.1 U	2.1 UJ	2.1 UJ	2.7 UJ	--	--
1,1,1-Trichloroethane	**8260B**	0.16 U	0.16 U	2.2 J	1.6 UJ	1.6 UJ	3 U	0.8 U	0.64 U
1,1,2,2-Tetrachloroethane	**8260B**	--	--	1.1 U	2.1 UJ	2.1 UJ	3 U	--	--
1,1,2-Trichloro-1,2,2-trifluoroethane	**8260B**	0.42 U	0.42 U	6200	4100 J	5100	3600 J	2.1 U	1.7 U
1,1,2-Trichloroethane	**8260B**	0.27 U	0.27 U	1.4 U	2.7 UJ	2.7 UJ	3 U	1.4 U	1.1 U
1,1-Dichloroethane	**8260B**	0.22 U	0.22 U	4.3 J	2.2 UJ	2.2 UJ	4 U	45	33 J
1,1-Dichloroethene	**8260B**	0.83 J	0.42 J	1.2 U	2.3 UJ	2.3 UJ	4.2 U	95	59 J
1,1-Dichloropropene	**8260B**	--	--	--	--	--	--	--	--
1,2,3-Trichlorobenzene	**8260B**	--	--	--	--	--	--	--	--
1,2,3-Trichloropropane	**524.2**	0.0017 U	0.0017 U	0.0017 U	--	--	--	--	--
1,2,3-Trichloropropane	**524M**	--	--	--	--	--	--	--	--
1,2,3-Trichloropropane	**8260B**	--	--	--	--	--	--	--	--
1,2,4-Trichlorobenzene	**8260B**	--	--	--	--	--	--	--	--
1,2,4-Trimethylbenzene	**8260B**	--	--	--	--	--	--	--	--
1,2-Dibromo-3-chloropropane	**504.1**	--	--	0.0068 U	--	--	--	--	--
1,2-Dibromo-3-chloropropane	**8260B**	--	--	--	--	--	--	--	--
1,2-Dibromoethane	**504.1**	--	--	0.0037 U	--	--	--	--	--
1,2-Dibromoethane	**8260B**	--	--	--	--	--	--	--	--
1,2-Dichlorobenzene	**8260B**	--	--	0.75 U	1.5 UJ	1.5 UJ	3.2 U	--	--
1,2-Dichloroethane	**8260B**	0.13 U	0.13 U	0.65 U	1.3 UJ	1.3 UJ	2.8 U	0.65 U	0.52 U
1,2-Dichloropropane	**8260B**	--	--	0.9 U	1.8 UJ	1.8 UJ	3.5 U	--	--
1,3,5-Trimethylbenzene	**8260B**	--	--	--	--	--	--	--	--
1,3-Dichlorobenzene	**8260B**	--	--	0.65 U	1.3 UJ	1.3 UJ	3.5 U	--	--
1,4-Dichlorobenzene	**8260B**	--	--	0.8 U	1.6 UJ	1.6 UJ	3.7 U	--	--
1,4-Dioxane	**8260B SIM**	1.6 J	0.9 J	2.8	3.8 J	--	--	58	45
2-Chloroethylvinylether	**8260B**	--	--	--	--	--	18 U	--	--
2-Hexanone	**8260B**	--	--	8.5 U	17 UJ	17 UJ	26 U	--	--
Acetone	**8260B**	1.9 U	1.9 U	9.5 U	19 UJ	19 UJ	45 U	9.5 U	12 J
Acetonitrile	**8260B**	--	--	48 UJ	96 UJ	96 UJ	90 UJ	--	--
Acrolein	**8260B**	--	--	140 UJ	--	--	40 U	--	--
Acrylonitrile	**8260B**	--	--	70 UJ	--	--	12 U	--	--
Allylchloride	**8260B**	--	--	0.85 U	1.7 UJ	1.7 UJ	7 U	--	--
Benzene	**8260B**	0.16 U	0.16 U	0.8 U	1.6 UJ	1.6 UJ	2.8 U	0.8 U	0.64 U
Bromobenzene	**8260B**	--	--	--	--	--	--	--	--
Bromochloromethane	**8260B**	--	--	--	--	--	--	--	--
Bromodichloromethane	**8260B**	--	--	0.85 U	1.7 UJ	1.7 UJ	3 U	--	--
Bromoform	**8260B**	--	--	0.95 U	1.9 UJ	1.9 UJ	4 U	--	--
Bromomethane	**8260B**	--	--	1.1 U	2.1 UJ	2.1 UJ	4.2 U	--	--
CarbonDisulfide	**8260B**	--	--	2.3 U	4.5 UJ	4.5 UJ	4.8 UJ	--	--
CarbonTetrachloride	**8260B**	0.19 U	0.19 U	0.95 U	1.9 UJ	1.9 UJ	2.8 UJ	0.95 U	0.76 U
Chlorobenzene	**8260B**	--	--	0.85 U	1.7 UJ	1.7 UJ	3.6 U	--	--
Chloroethane	**8260B**	--	--	2.1 U	4.1 UJ	4.1 UJ	4 U	--	--
Chloroform	**8260B**	0.16 U	0.16 U	0.8 U	1.6 UJ	1.6 UJ	3.3 U	0.8 U	0.64 U
Chloromethane	**8260B**	--	--	1.5 U	3 UJ	3 UJ	4 U	--	--
Chloroprene	**8260B**	--	--	1.1 U	2.1 UJ	2.1 UJ	6 U	--	--
cis-1,2-Dichloroethene	**8260B**	110	75	320	76 J	130 J	130 J	2600 J	1400 J
cis-1,3-Dichloropropene	**8260B**	--	--	0.8 U	1.6 UJ	1.6 UJ	2.2 U	--	--
Cumene	**8260B**	--	--	--	--	--	--	--	--
Dibromochloromethane	**8260B**	--	--	0.85 U	1.7 UJ	1.7 UJ	4 U	--	--
Dibromomethane	**8260B**	--	--	0.85 U	1.7 UJ	1.7 UJ	3.6 U	--	--
Dichlorodifluoromethane	**8260B**	--	--	28 J	7.2 J	16 J	2.6 U	--	--
Diisopropylether	**8260B**	--	--	--	--	--	--	--	--
Ethylcyanide	**8260B**	--	--	19 UJ	37 UJ	37 UJ	70 UJ	--	--
Ethylmethacrylate	**8260B**	--	--	4.3 UJ	8.6 UJ	8.6 UJ	9 U	--	--
Ethylbenzene	**8260B**	0.16 U	0.16 U	0.8 U	1.6 UJ	1.6 UJ	2.5 U	0.8 U	0.64 U
Hexachlorobutadiene	**8260B**	--	--	--	--	--	--	--	--
Iodomethane	**8260B**	--	--	1.2 U	2.3 UJ	2.3 UJ	10 U	--	--
Isobutanol	**8260B**	--	--	180 U	370 UJ	370 UJ	70 U	--	--
Isopropanol	**8260B**	--	--	65 U	130 UJ	130 UJ	500 U	--	--
Methacrylonitrile	**8260B**	--	--	8 U	16 UJ	16 UJ	9 U	--	--
Methylethylketone	**8260B**	2 U	2 U	10 U	20 UJ	20 UJ	47 U	10 U	8 U
Methylisobutylketone(MIBK)	**8260B**	--	--	4.9 U	9.8 UJ	9.8 UJ	35 U	--	--
Methylmethacrylate	**8260B**	--	--	5.6 UJ	11 UJ	11 UJ	9 U	--	--
Methyltert-butylether	**8260B**	--	--	--	--	--	--	--	--
Methylenechloride	**8260B**	5 U	0.32 U	1.6 U	50 UJ	50 UJ	9.5 UJ	1.6 U	20 U
m-Xylene&p-Xylene	**8260B**	0.34 U	0.34 U	1.7 U	3.4 UJ	3.4 UJ	6 U	1.7 U	1.4 U
n-Butylbenzene	**8260B**	--	--	--	--	--	--	--	--
n-Propylbenzene	**8260B**	--	--	--	--	--	--	--	--
o-Chlorotoluene	**8260B**	--	--	--	--	--	--	--	--
o-Xylene	**8260B**	0.19 U	0.19 U	0.95 U	1.9 UJ	1.9 UJ	3 U	0.95 U	0.76 U
p-Chlorotoluene	**8260B**	--	--	--	--	--	--	--	--
p-Cymene	**8260B**	--	--	--	--	--	--	--	--
sec-Butylbenzene	**8260B**	--	--	--	--	--	--	--	--
sec-Dichloropropane	**8260B**	--	--	--	--	--	--	--	--
Styrene	**8260B**	--	--	0.85 U	1.7 UJ	1.7 UJ	2 U	--	--
tert-Amylmethylether	**8260B**	--	--	--	--	--	--	--	--
tert-Butylalcohol	**8260B**	--	--	--	--	--	--	--	--
tert-Butylethylether	**8260B**	--	--	--	--	--	--	--	--
tert-Butylbenzene	**8260B**	--	--	--	--	--	--	--	--
Tetrachloroethene	**8260B**	0.2 U	0.2 U	2.6 J	2 UJ	2 UJ	3.2 U	1 U	0.8 U
Tetrahydrofuran	**8260B**	--	--	--	--	--	--	--	--
Toluene	**8260B**	0.17 U	0.17 U	0.85 U	1.7 UJ	1.7 UJ	3.6 U	0.85 U	0.68 U
trans-1,2-Dichloroethene	**8260B**	24	18	1.2 J	1.5 UJ	1.5 UJ	3 U	44	70 J
trans-1,3-Dichloropropene	**8260B**	--	--	0.95 U	1.9 UJ	1.9 UJ	3.2 U	--	--
trans-1,4-Dichloro-2-butene	**8260B**	--	--	4 UJ	8 UJ	8 UJ	25 U	--	--
Trichloroethene	**8260B**	160	96	1600	560 J	950 J	1100 J	640 J	1600 J
Trichlorofluoromethane	**8260B**	0.29 U	0.29 U	1.5 U	2.9 UJ	2.9 UJ	3.4 U	1.5 U	1.2 U
Vinylacetate	**8260B**	--	--	4.7 UJ	9.4 UJ	9.4 UJ	10 U	--	--
Vinylchloride	**8260B**	0.56 J	0.41 J	2.7 J	1 UJ	1 UJ	4 U	220	89 J
Xylenes,Total	**8260B**	--	--	--	--	--	--	--	--

TABLE 12
VOLATILE ORGANIC COMPOUNDS ANALYTICAL RESULTS, 2012
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

	Well Identifier:	ES-26	ES-26	ES-27	ES-27	ES-29	ES-29	HAR-01
	SampleType:	Primary	Field Duplicate	Primary	Primary	Primary	Primary	Primary
	Sample Name:	ES-26_021512_01	ES-26_021512_36	ES-27_020112_01	ES-27_080712_01	ES-29_012412_01	ES-29_073112_01	HAR-01_020812_01
	Groundwater Unit:	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	Chatsworth
	Lab Name:	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
	Collection Date:	2/15/2012	2/15/2012	2/1/2012	8/7/2012	1/24/2012	7/31/2012	2/8/2012
Analyte (µg/L)	**Method**							
1,1,1,2-Tetrachloroethane	**8260B**	--	--	0.84 U	--	--	--	0.21 U
1,1,1-Trichloroethane	**8260B**	0.16 U	0.16 U	0.64 U	0.16 U	0.16 U	0.16 UJ	0.16 U
1,1,2,2-Tetrachloroethane	**8260B**	--	--	0.84 U	--	--	--	0.21 U
1,1,2-Trichloro-1,2,2-trifluoroethane	**8260B**	8.9 J	7 J	1500	470	1.2 J	0.42 UJ	1.1 J
1,1,2-Trichloroethane	**8260B**	0.27 U	0.27 U	1.1 U	0.27 U	0.27 U	0.27 UJ	0.27 U
1,1-Dichloroethane	**8260B**	0.22 U	0.22 U	0.88 U	0.22 U	0.22 U	0.22 UJ	0.22 U
1,1-Dichloroethene	**8260B**	0.23 U	0.23 U	0.92 U	2.2	0.33 J	0.23 UJ	0.23 U
1,1-Dichloropropene	**8260B**	--	--	--	--	--	--	--
1,2,3-Trichlorobenzene	**8260B**	--	--	--	--	--	--	--
1,2,3-Trichloropropane	**524.2**	--	--	0.0017 U	--	--	--	0.0017 U
1,2,3-Trichloropropane	**524M**	--	--	--	--	--	--	--
1,2,3-Trichloropropane	**8260B**	--	--	--	--	--	--	--
1,2,4-Trichlorobenzene	**8260B**	--	--	--	--	--	--	--
1,2,4-Trimethylbenzene	**8260B**	--	--	--	--	--	--	--
1,2-Dibromo-3-chloropropane	**504.1**	--	--	0.0068 U	--	--	--	0.0068 U
1,2-Dibromo-3-chloropropane	**8260B**	--	--	--	--	--	--	--
1,2-Dibromoethane	**504.1**	--	--	0.0037 U	--	--	--	0.0037 U
1,2-Dibromoethane	**8260B**	--	--	--	--	--	--	--
1,2-Dichlorobenzene	**8260B**	--	--	0.6 U	--	--	--	0.15 U
1,2-Dichloroethane	**8260B**	0.13 U	0.13 U	0.52 U	0.13 U	0.13 U	0.13 UJ	0.13 U
1,2-Dichloropropane	**8260B**	--	--	0.72 U	--	--	--	0.18 U
1,3,5-Trimethylbenzene	**8260B**	--	--	--	--	--	--	--
1,3-Dichlorobenzene	**8260B**	--	--	0.52 U	--	--	--	0.13 U
1,4-Dichlorobenzene	**8260B**	--	--	0.64 U	--	--	--	0.16 U
1,4-Dioxane	**8260B SIM**	0.64 U	0.64 U	0.64 U	0.22 U	--	--	0.64 U
2-Chloroethylvinylether	**8260B**	--	--	--	--	--	--	--
2-Hexanone	**8260B**	--	--	6.8 U	--	--	--	1.7 U
Acetone	**8260B**	1.9 UJ	1.9 UJ	7.6 U	1.9 U	1.9 U	1.9 UJ	1.9 U
Acetonitrile	**8260B**	--	--	38 U	--	--	--	9.6 U
Acrolein	**8260B**	--	--	2.8 U	--	--	--	2.8 UJ
Acrylonitrile	**8260B**	--	--	1.4 U	--	--	--	1.4 UJ
Allylchloride	**8260B**	--	--	0.68 U	--	--	--	0.17 U
Benzene	**8260B**	0.16 U	0.16 U	0.64 U	0.16 U	0.16 U	0.16 UJ	0.16 U
Bromobenzene	**8260B**	--	--	--	--	--	--	--
Bromochloromethane	**8260B**	--	--	--	--	--	--	--
Bromodichloromethane	**8260B**	--	--	0.68 U	--	--	--	0.17 U
Bromoform	**8260B**	--	--	0.76 U	--	--	--	0.19 U
Bromomethane	**8260B**	--	--	0.84 U	--	--	--	0.21 U
CarbonDisulfide	**8260B**	--	--	1.8 U	--	--	--	0.45 U
CarbonTetrachloride	**8260B**	0.19 U	0.19 U	0.76 U	0.19 U	0.19 U	0.19 UJ	0.19 U
Chlorobenzene	**8260B**	--	--	0.68 U	--	--	--	0.17 U
Chloroethane	**8260B**	--	--	1.6 U	--	--	--	0.41 U
Chloroform	**8260B**	0.16 U	0.16 U	0.64 U	0.16 U	0.16 U	0.16 UJ	0.33 J
Chloromethane	**8260B**	--	--	1.2 U	--	--	--	0.3 U
Chloroprene	**8260B**	--	--	0.84 U	--	--	--	0.21 U
cis-1,2-Dichloroethene	**8260B**	9.7	9.3	0.6 U	0.28 J	0.15 U	0.15 UJ	3.5
cis-1,3-Dichloropropene	**8260B**	--	--	0.64 U	--	--	--	0.16 U
Cumene	**8260B**	--	--	--	--	--	--	--
Dibromochloromethane	**8260B**	--	--	0.68 U	--	--	--	0.17 U
Dibromomethane	**8260B**	--	--	0.68 U	--	--	--	0.17 U
Dichlorodifluoromethane	**8260B**	--	--	1.2 U	--	--	--	0.31 U
Diisopropylether	**8260B**	--	--	--	--	--	--	--
Ethylcyanide	**8260B**	--	--	15 U	--	--	--	3.7 UJ
Ethylmethacrylate	**8260B**	--	--	3.4 U	--	--	--	0.86 U
Ethylbenzene	**8260B**	0.16 U	0.16 U	0.64 U	0.16 U	0.16 U	0.16 UJ	0.16 U
Hexachlorobutadiene	**8260B**	--	--	--	--	--	--	--
Iodomethane	**8260B**	--	--	0.92 U	--	--	--	0.23 U
Isobutanol	**8260B**	--	--	150 U	--	--	--	37 U
Isopropanol	**8260B**	13 U	13 U	52 U	13 U	--	--	13 UJ
Methacrylonitrile	**8260B**	--	--	6.4 U	--	--	--	1.6 U
Methylethylketone	**8260B**	2 U	2 U	8 U	2 U	2 U	2 UJ	2 U
Methylisobutylketone(MIBK)	**8260B**	--	--	3.9 U	--	--	--	0.98 U
Methylmethacrylate	**8260B**	--	--	4.4 U	--	--	--	1.1 UJ
Methyltert-butylether	**8260B**	--	--	--	--	--	--	--
Methylenechloride	**8260B**	0.32 U	0.32 U	20 U	0.32 U	0.32 U	0.32 UJ	5 U
m-Xylene&p-Xylene	**8260B**	0.34 U	0.34 U	1.4 U	0.34 U	0.34 U	0.34 UJ	0.34 U
n-Butylbenzene	**8260B**	--	--	--	--	--	--	--
n-Propylbenzene	**8260B**	--	--	--	--	--	--	--
o-Chlorotoluene	**8260B**	--	--	--	--	--	--	--
o-Xylene	**8260B**	0.19 U	0.19 U	0.76 U	0.19 U	0.19 U	0.19 UJ	0.19 U
p-Chlorotoluene	**8260B**	--	--	--	--	--	--	--
p-Cymene	**8260B**	--	--	--	--	--	--	--
sec-Butylbenzene	**8260B**	--	--	--	--	--	--	--
sec-Dichloropropane	**8260B**	--	--	--	--	--	--	--
Styrene	**8260B**	--	--	0.68 U	--	--	--	0.17 U
tert-Amylmethylether	**8260B**	--	--	--	--	--	--	--
tert-Butylalcohol	**8260B**	--	--	--	--	--	--	--
tert-Butylethylether	**8260B**	--	--	--	--	--	--	--
tert-Butylbenzene	**8260B**	--	--	--	--	--	--	--
Tetrachloroethene	**8260B**	0.2 U	0.2 U	0.8 U	0.2 U	0.2 U	0.2 UJ	0.4 J
Tetrahydrofuran	**8260B**	--	--	--	--	--	--	--
Toluene	**8260B**	0.17 U	0.17 U	0.68 U	0.17 U	0.17 U	0.17 UJ	0.17 U
trans-1,2-Dichloroethene	**8260B**	0.15 U	0.15 U	0.6 U	0.15 U	0.15 U	0.15 UJ	0.15 U
trans-1,3-Dichloropropene	**8260B**	--	--	0.76 U	--	--	--	0.19 U
trans-1,4-Dichloro-2-butene	**8260B**	--	--	3.2 U	--	--	--	0.8 U
Trichloroethene	**8260B**	12 J	11 J	6.1	4.9	19	2.8 J	310
Trichlorofluoromethane	**8260B**	0.29 U	0.29 U	1.2 U	0.29 U	0.29 U	0.29 UJ	0.29 U
Vinylacetate	**8260B**	--	--	3.8 U	--	--	--	0.94 U
Vinylchloride	**8260B**	0.1 U	0.1 U	0.4 U	0.1 U	0.1 U	0.1 UJ	0.1 U
Xylenes,Total	**8260B**	--	--	--	--	--	--	--

TABLE 12
VOLATILE ORGANIC COMPOUNDS ANALYTICAL RESULTS, 2012
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

	Well Identifier:	HAR-01	HAR-05	HAR-05	HAR-06	HAR-06	HAR-07	HAR-07
	SampleType:	Primary	Primary	Primary	Primary	Primary	Primary	Field Duplicate
	Sample Name:	HAR-01_080312_01	HAR-05_021012_01	HAR-05_072412_01	HAR-06_021312_01	HAR-06_072512_01	HAR-07_013112_01	HAR-07_013112_36
	Groundwater Unit:	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth
	Lab Name:	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
	Collection Date:	8/3/2012	2/10/2012	7/24/2012	2/13/2012	7/25/2012	1/31/2012	1/31/2012
Analyte (µg/L)	Method							
1,1,1,2-Tetrachloroethane	8260B	--	--	--	--	--	1.4 U	1.4 U
1,1,1-Trichloroethane	8260B	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	1.1 U	1.1 U
1,1,2,2-Tetrachloroethane	8260B	--	--	--	--	--	1.4 U	1.4 U
1,1,2-Trichloro-1,2,2-trifluoroethane	8260B	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U	--	--
1,1,2-Trichloroethane	8260B	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	1.8 U	1.8 U
1,1-Dichloroethane	8260B	0.22 U	0.22 U	0.22 U	8.6	5.6	1.5 U	1.5 U
1,1-Dichloroethene	8260B	0.23 U	0.23 U	0.23 U	50	27	3.8 J	3.3 J
1,1-Dichloropropene	8260B	--	--	--	--	--	--	--
1,2,3-Trichlorobenzene	8260B	--	--	--	--	--	--	--
1,2,3-Trichloropropane	524.2	0.0017 U	--	--	--	--	0.0017 U	0.0017 U
1,2,3-Trichloropropane	524M	--	--	--	--	--	--	--
1,2,3-Trichloropropane	8260B	--	--	--	--	--	--	--
1,2,4-Trichlorobenzene	8260B	--	--	--	--	--	--	--
1,2,4-Trimethylbenzene	8260B	--	--	--	--	--	--	--
1,2-Dibromo-3-chloropropane	504.1	--	--	--	--	--	0.0068 U	0.0067 U
1,2-Dibromo-3-chloropropane	8260B	--	--	--	--	--	--	--
1,2-Dibromoethane	504.1	--	--	--	--	--	0.0037 U	0.0036 U
1,2-Dibromoethane	8260B	--	--	--	--	--	--	--
1,2-Dichlorobenzene	8260B	--	--	--	--	--	1 U	1 U
1,2-Dichloroethane	8260B	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.87 U	0.87 U
1,2-Dichloropropane	8260B	--	--	--	--	--	1.2 U	1.2 U
1,3,5-Trimethylbenzene	8260B	--	--	--	--	--	--	--
1,3-Dichlorobenzene	8260B	--	--	--	--	--	0.87 U	0.87 U
1,4-Dichlorobenzene	8260B	--	--	--	--	--	1.1 U	1.1 U
1,4-Dioxane	8260B SIM	0.22 U	0.64 U	0.22 U	--	--	0.64 U	0.64 U
2-Chloroethylvinylether	8260B	--	--	--	--	--	--	--
2-Hexanone	8260B	--	--	--	--	--	11 U	11 U
Acetone	8260B	1.9 U	1.9 U	5 J	1.9 U	1.9 U	13 U	13 U
Acetonitrile	8260B	--	--	--	--	--	64 U	64 U
Acrolein	8260B	--	--	--	--	--	11 UJ	11 UJ
Acrylonitrile	8260B	--	--	--	--	--	5.6 UJ	5.6 UJ
Allylchloride	8260B	--	--	--	--	--	1.1 U	1.1 U
Benzene	8260B	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	1.1 U	1.1 U
Bromobenzene	8260B	--	--	--	--	--	--	--
Bromochloromethane	8260B	--	--	--	--	--	--	--
Bromodichloromethane	8260B	--	--	--	--	--	1.1 U	1.1 U
Bromoform	8260B	--	--	--	--	--	1.3 U	1.3 U
Bromomethane	8260B	--	--	--	--	--	1.4 U	1.4 U
CarbonDisulfide	8260B	--	--	--	--	--	3 U	3 U
CarbonTetrachloride	8260B	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	1.3 U	1.3 U
Chlorobenzene	8260B	--	--	--	--	--	1.1 U	1.1 U
Chloroethane	8260B	--	--	--	--	--	2.7 U	2.7 U
Chloroform	8260B	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	1.1 U	1.1 U
Chloromethane	8260B	--	--	--	--	--	2 U	2 U
Chloroprene	8260B	--	--	--	--	--	1.4 U	1.4 U
cis-1,2-Dichloroethene	8260B	2.7	0.18 J	0.17 J	5	12	1100	1000
cis-1,3-Dichloropropene	8260B	--	--	--	--	--	1.1 U	1.1 U
Cumene	8260B	--	--	--	--	--	--	--
Dibromochloromethane	8260B	--	--	--	--	--	1.1 U	1.1 U
Dibromomethane	8260B	--	--	--	--	--	1.1 U	1.1 U
Dichlorodifluoromethane	8260B	--	--	--	--	--	2.1 U	2.1 U
Diisopropylether	8260B	--	--	--	--	--	--	--
Ethylcyanide	8260B	--	--	--	--	--	25 U	25 U
Ethylmethacrylate	8260B	--	--	--	--	--	5.7 U	5.7 U
Ethylbenzene	8260B	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	1.1 U	1.1 U
Hexachlorobutadiene	8260B	--	--	--	--	--	--	--
Iodomethane	8260B	--	--	--	--	--	1.5 U	1.5 U
Isobutanol	8260B	--	--	--	--	--	240 U	240 U
Isopropanol	8260B	13 U	13 U	13 U	--	--	--	--
Methacrylonitrile	8260B	--	--	--	--	--	11 U	11 U
Methylethylketone	8260B	2 U	2 U	2 U	2 U	2 U	13 U	13 U
Methylisobutylketone(MIBK)	8260B	--	--	--	--	--	6.5 U	6.5 U
Methylmethacrylate	8260B	--	--	--	--	--	7.4 U	7.4 U
Methyltert-butylether	8260B	--	0.25 U	0.25 U	--	--	--	--
Methylenechloride	8260B	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	33 U	33 U
m-Xylene&p-Xylene	8260B	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	2.3 U	2.3 U
n-Butylbenzene	8260B	--	--	--	--	--	--	--
n-Propylbenzene	8260B	--	--	--	--	--	--	--
o-Chlorotoluene	8260B	--	--	--	--	--	--	--
o-Xylene	8260B	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	1.3 U	1.3 U
p-Chlorotoluene	8260B	--	--	--	--	--	--	--
p-Cymene	8260B	--	--	--	--	--	--	--
sec-Butylbenzene	8260B	--	--	--	--	--	--	--
sec-Dichloropropane	8260B	--	--	--	--	--	--	--
Styrene	8260B	--	--	--	--	--	1.1 U	1.1 U
tert-Amylmethylether	8260B	--	--	--	--	--	--	--
tert-Butylalcohol	8260B	--	11 U	11 UJ	--	--	--	--
tert-Butylethylether	8260B	--	--	--	--	--	--	--
tert-Butylbenzene	8260B	--	--	--	--	--	--	--
Tetrachloroethene	8260B	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1.3 U	1.3 U
Tetrahydrofuran	8260B	--	--	--	--	--	--	--
Toluene	8260B	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	1.1 U	1.1 U
trans-1,2-Dichloroethene	8260B	0.15 U	0.15 U	0.15 U	0.41 J	0.67 J	69	59
trans-1,3-Dichloropropene	8260B	--	--	--	--	--	1.3 U	1.3 U
trans-1,4-Dichloro-2-butene	8260B	--	--	--	--	--	5.3 U	5.3 U
Trichloroethene	8260B	210 J	0.75 J	0.53 J	0.48 J	2.4	2600	2400
Trichlorofluoromethane	8260B	0.29 U	0.29 U	0.29 U	0.29 U	0.29 U	1.9 U	1.9 U
Vinylacetate	8260B	--	--	--	--	--	6.3 U	6.3 U
Vinylchloride	8260B	0.1 U	0.1 U	0.1 U	1.6	1.3	5.8 J	4.8 J
Xylenes,Total	8260B	--	--	--	--	--	--	--

TABLE 12
VOLATILE ORGANIC COMPOUNDS ANALYTICAL RESULTS, 2012
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

	Well Identifier:	HAR-07	HAR-08	HAR-08	HAR-09	HAR-09	HAR-09	HAR-11
	SampleType:	Primary	Primary	Primary	Primary	Split	Primary	Primary
	Sample Name:	HAR-07_072612_01	HAR-08_012712_01	HAR-08_072712_01	HAR-09_012512_01	HAR-09_012512_03	HAR-09_071612_01	HAR-11_020712_01
	Groundwater Unit:	Chatsworth	Chatsworth	Chatsworth	Shallow	Shallow	Shallow	Shallow
	Lab Name:	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Irvine	TA- Denver	TA- Denver
	Collection Date:	7/26/2012	1/27/2012	7/27/2012	1/25/2012	1/25/2012	7/16/2012	2/7/2012
Analyte (µg/L)	Method							
1,1,1,2-Tetrachloroethane	8260B	--	0.21 U	--	0.21 U	0.27 U	--	0.21 U
1,1,1-Trichloroethane	8260B	0.16 UJ	0.16 U	0.16 UJ	0.16 U	0.3 U	0.16 U	0.16 U
1,1,2,2-Tetrachloroethane	8260B	--	0.21 U	--	0.21 U	0.3 U	--	0.21 U
1,1,2-Trichloro-1,2,2-trifluoroethane	8260B	0.42 UJ	--	0.42 UJ	--	--	0.42 U	--
1,1,2-Trichloroethane	8260B	0.27 UJ	0.27 U	0.27 UJ	0.27 U	0.3 U	0.27 U	0.27 U
1,1-Dichloroethane	8260B	0.22 UJ	0.22 U	0.22 UJ	0.22 U	0.4 U	0.22 U	0.22 U
1,1-Dichloroethene	8260B	2.7 J	0.23 U	0.23 UJ	0.23 U	0.42 U	0.23 U	0.23 U
1,1-Dichloropropene	8260B	--	--	--	--	--	--	--
1,2,3-Trichlorobenzene	8260B	--	--	--	--	--	--	--
1,2,3-Trichloropropane	524.2	--	0.0017 U	--	0.0017 U	--	--	0.0017 U
1,2,3-Trichloropropane	524M	--	--	--	--	0.0012 U	--	--
1,2,3-Trichloropropane	8260B	--	--	--	--	--	--	--
1,2,4-Trichlorobenzene	8260B	--	--	--	--	--	--	--
1,2,4-Trimethylbenzene	8260B	--	--	--	--	--	--	--
1,2-Dibromo-3-chloropropane	504.1	--	0.0068 U	--	0.0067 U	0.0029 U	--	0.0068 U
1,2-Dibromo-3-chloropropane	8260B	--	--	--	--	--	--	--
1,2-Dibromoethane	504.1	--	0.0037 U	--	0.0036 U	0.0029 U	--	0.0037 U
1,2-Dibromoethane	8260B	--	--	--	--	--	--	--
1,2-Dichlorobenzene	8260B	--	0.15 U	--	0.15 U	0.32 U	--	0.15 U
1,2-Dichloroethane	8260B	0.13 UJ	0.13 U	0.13 UJ	0.13 U	0.28 U	0.13 U	0.13 U
1,2-Dichloropropane	8260B	--	0.18 U	--	0.18 U	0.35 U	--	0.18 U
1,3,5-Trimethylbenzene	8260B	--	--	--	--	--	--	--
1,3-Dichlorobenzene	8260B	--	0.13 U	--	0.13 U	0.35 U	--	0.13 U
1,4-Dichlorobenzene	8260B	--	0.16 U	--	0.16 U	0.37 U	--	0.16 U
1,4-Dioxane	8260B SIM	0.22 U	1.2 J	0.8 J	0.64 U	1.3 J	1.6 J	1.4 J
2-Chloroethylvinylether	8260B	--	--	--	--	--	--	--
2-Hexanone	8260B	--	1.7 U	--	1.7 U	2.6 U	--	1.7 U
Acetone	8260B	1.9 UJ	1.9 U	1.9 UJ	1.9 U	4.5 U	1.9 U	1.9 U
Acetonitrile	8260B	--	9.6 U	--	9.6 UJ	9 U	--	9.6 U
Acrolein	8260B	--	2.8 U	--	2.8 UJ	4 UJ	--	2.8 U
Acrylonitrile	8260B	--	1.4 U	--	1.4 UJ	1.2 U	--	1.4 U
Allylchloride	8260B	--	0.17 U	--	0.17 U	0.7 U	--	0.17 U
Benzene	8260B	0.16 UJ	0.16 U	0.16 UJ	0.16 U	0.28 U	0.16 U	0.16 U
Bromobenzene	8260B	--	--	--	--	--	--	--
Bromochloromethane	8260B	--	--	--	--	--	--	--
Bromodichloromethane	8260B	--	0.17 U	--	0.17 U	0.3 U	--	0.17 U
Bromoform	8260B	--	0.19 U	--	0.19 U	0.4 U	--	0.19 U
Bromomethane	8260B	--	0.21 U	--	0.21 U	0.42 U	--	0.21 U
CarbonDisulfide	8260B	--	0.45 U	--	0.45 U	0.48 U	--	0.45 U
CarbonTetrachloride	8260B	0.19 UJ	0.19 U	0.19 UJ	0.19 U	0.28 U	0.19 U	0.19 U
Chlorobenzene	8260B	--	0.17 U	--	0.17 U	0.36 U	--	0.17 U
Chloroethane	8260B	--	0.41 U	--	0.41 U	0.4 U	--	0.41 U
Chloroform	8260B	0.16 UJ	0.16 U	0.16 UJ	0.16 U	0.33 U	0.16 U	0.16 U
Chloromethane	8260B	--	0.3 U	--	0.3 U	0.4 UJ	--	0.3 U
Chloroprene	8260B	--	0.21 U	--	0.21 U	0.6 U	--	0.21 U
cis-1,2-Dichloroethene	8260B	840 J	15	15 J	40	46	56	4.2
cis-1,3-Dichloropropene	8260B	--	0.16 U	--	0.16 U	0.22 U	--	0.16 U
Cumene	8260B	--	--	--	--	--	--	--
Dibromochloromethane	8260B	--	0.17 U	--	0.17 U	0.4 U	--	0.17 U
Dibromomethane	8260B	--	0.17 U	--	0.17 U	0.36 U	--	0.17 U
Dichlorodifluoromethane	8260B	--	0.31 U	--	0.31 U	0.26 U	--	0.31 U
Diisopropylether	8260B	--	--	--	--	--	--	--
Ethylcyanide	8260B	--	3.7 U	--	3.7 UJ	7 U	--	3.7 U
Ethylmethacrylate	8260B	--	0.86 U	--	0.86 U	0.9 U	--	0.86 U
Ethylbenzene	8260B	0.16 UJ	0.16 U	0.16 UJ	0.16 U	0.25 U	0.16 U	0.16 U
Hexachlorobutadiene	8260B	--	--	--	--	--	--	--
Iodomethane	8260B	--	0.23 U	--	0.23 U	1 U	--	0.23 U
Isobutanol	8260B	--	37 U	--	37 U	7 U	--	37 U
Isopropanol	8260B	--	--	--	--	--	--	--
Methacrylonitrile	8260B	--	1.6 U	--	1.6 U	0.9 U	--	1.6 U
Methylethylketone	8260B	2 UJ	2 U	2 UJ	2 U	4.7 U	2 U	2 U
Methylisobutylketone(MIBK)	8260B	--	0.98 U	--	0.98 U	3.5 U	--	0.98 U
Methylmethacrylate	8260B	--	1.1 U	--	1.1 UJ	0.9 U	--	1.1 U
Methyltert-butylether	8260B	--	0.25 U	0.25 UJ	0.25 U	0.32 U	0.25 U	0.25 U
Methylenechloride	8260B	0.32 UJ	0.32 U	0.32 UJ	5 U	0.95 U	0.32 U	5 U
m-Xylene&p-Xylene	8260B	0.34 UJ	0.34 U	0.34 UJ	0.34 U	0.6 U	0.34 U	0.34 U
n-Butylbenzene	8260B	--	--	--	--	--	--	--
n-Propylbenzene	8260B	--	--	--	--	--	--	--
o-Chlorotoluene	8260B	--	--	--	--	--	--	--
o-Xylene	8260B	0.19 UJ	0.19 U	0.19 UJ	0.19 U	0.3 U	0.19 U	0.19 U
p-Chlorotoluene	8260B	--	--	--	--	--	--	--
p-Cymene	8260B	--	--	--	--	--	--	--
sec-Butylbenzene	8260B	--	--	--	--	--	--	--
sec-Dichloropropane	8260B	--	--	--	--	--	--	--
Styrene	8260B	--	0.17 U	--	0.17 U	0.2 U	--	0.17 U
tert-Amylmethylether	8260B	--	--	--	--	--	--	--
tert-Butylalcohol	8260B	--	11 U	11 UJ	11 UJ	6.5 U	11 UJ	11 U
tert-Butylethylether	8260B	--	--	--	--	--	--	--
tert-Butylbenzene	8260B	--	--	--	--	--	--	--
Tetrachloroethene	8260B	0.35 J	0.2 U	0.2 UJ	0.2 U	0.32 U	0.2 U	0.2 U
Tetrahydrofuran	8260B	--	--	--	--	--	--	--
Toluene	8260B	0.17 UJ	0.17 U	0.17 UJ	0.17 U	0.36 U	0.17 U	0.17 U
trans-1,2-Dichloroethene	8260B	46 J	1.5	1.2 J	2.9	2.6	2.9	0.29 J
trans-1,3-Dichloropropene	8260B	--	0.19 U	--	0.19 U	0.32 U	--	0.19 U
trans-1,4-Dichloro-2-butene	8260B	--	0.8 U	--	0.8 U	2.5 U	--	0.8 U
Trichloroethene	8260B	2500 J	1.3	1.2 J	0.3 J	0.26 U	0.37 J	0.16 U
Trichlorofluoromethane	8260B	0.29 UJ	0.29 U	0.29 UJ	0.29 U	0.34 U	0.29 U	0.29 U
Vinylacetate	8260B	--	0.94 U	--	0.94 U	1 U	--	0.94 U
Vinylchloride	8260B	0.14 J	5.9	4.2 J	26	30	25	0.15 J
Xylenes,Total	8260B	--	--	--	--	--	--	--

TABLE 12
VOLATILE ORGANIC COMPOUNDS ANALYTICAL RESULTS, 2012
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

	Well Identifier:	HAR-11	HAR-12	HAR-12	HAR-13	HAR-14	HAR-14	HAR-15
	SampleType:	Primary	Primary	Primary	Primary	Primary	Primary	Primary
	Sample Name:	HAR-11_072612_01	HAR-12_020912_01	HAR-12_071612_01	HAR-13_020912_01	HAR-14_020912_01	HAR-14_071612_01	HAR-15_012412_01
	Groundwater Unit:	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow
	Lab Name:	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
	Collection Date:	7/26/2012	2/9/2012	7/16/2012	2/9/2012	2/9/2012	7/16/2012	1/24/2012
Analyte (µg/L)	**Method**							
1,1,1,2-Tetrachloroethane	**8260B**	--	0.21 U	--	--	0.21 U	--	0.21 U
1,1,1-Trichloroethane	**8260B**	0.16 UJ	0.16 U	0.16 UJ	0.16 U	0.39 J	0.41 J	0.16 U
1,1,2,2-Tetrachloroethane	**8260B**	--	0.21 U	--	--	0.21 U	--	0.21 U
1,1,2-Trichloro-1,2,2-trifluoroethane	**8260B**	0.42 UJ	0.42 U	0.42 UJ	0.84 J	13	14	0.42 U
1,1,2-Trichloroethane	**8260B**	0.27 UJ	0.27 U	0.27 UJ	0.27 U	0.27 U	0.27 U	0.27 U
1,1-Dichloroethane	**8260B**	0.22 UJ	0.22 U	0.22 UJ	0.22 U	0.22 U	0.22 U	0.22 U
1,1-Dichloroethene	**8260B**	0.23 UJ	0.23 U	0.23 UJ	0.23 U	5.5	6.2	0.23 U
1,1-Dichloropropene	**8260B**	--	--	--	--	--	--	--
1,2,3-Trichlorobenzene	**8260B**	--	--	--	--	--	--	--
1,2,3-Trichloropropane	**524.2**	--	0.0017 U	--	--	0.0017 U	--	0.0017 U
1,2,3-Trichloropropane	**524M**	--	--	--	--	--	--	--
1,2,3-Trichloropropane	**8260B**	--	--	--	--	--	--	--
1,2,4-Trichlorobenzene	**8260B**	--	--	--	--	--	--	--
1,2,4-Trimethylbenzene	**8260B**	--	--	--	--	--	--	--
1,2-Dibromo-3-chloropropane	**504.1**	--	0.0068 U	--	--	0.0067 U	--	0.0068 U
1,2-Dibromo-3-chloropropane	**8260B**	--	--	--	--	--	--	--
1,2-Dibromoethane	**504.1**	--	0.0037 U	--	--	0.0037 U	--	0.0037 U
1,2-Dibromoethane	**8260B**	--	--	--	--	--	--	--
1,2-Dichlorobenzene	**8260B**	--	0.15 U	--	--	0.15 U	--	0.15 U
1,2-Dichloroethane	**8260B**	0.13 UJ	0.13 U	0.13 UJ	0.13 U	0.13 U	0.13 U	0.13 U
1,2-Dichloropropane	**8260B**	--	0.18 U	--	--	0.18 U	--	0.18 U
1,3,5-Trimethylbenzene	**8260B**	--	--	--	--	--	--	--
1,3-Dichlorobenzene	**8260B**	--	0.13 U	--	--	0.13 U	--	0.13 U
1,4-Dichlorobenzene	**8260B**	--	0.16 U	--	--	0.16 U	--	0.16 U
1,4-Dioxane	**8260B SIM**	0.22 U	0.64 U	0.22 U	0.64 U	59	49 J	0.64 U
2-Chloroethylvinylether	**8260B**	--	--	--	--	--	--	--
2-Hexanone	**8260B**	--	1.7 U	--	--	1.7 U	--	1.7 U
Acetone	**8260B**	1.9 UJ	1.9 U	1.9 UJ	1.9 U	1.9 U	10 U	1.9 U
Acetonitrile	**8260B**	--	9.6 U	--	--	9.6 U	--	9.6 U
Acrolein	**8260B**	--	2.8 U	--	--	2.8 UJ	--	2.8 U
Acrylonitrile	**8260B**	--	1.4 U	--	--	1.4 UJ	--	1.4 U
Allylchloride	**8260B**	--	0.17 U	--	--	0.17 U	--	0.17 U
Benzene	**8260B**	0.16 UJ	0.16 U	0.16 UJ	0.16 U	0.16 U	0.16 U	0.16 U
Bromobenzene	**8260B**	--	--	--	--	--	--	--
Bromochloromethane	**8260B**	--	--	--	--	--	--	--
Bromodichloromethane	**8260B**	--	0.17 U	--	--	0.17 U	--	0.17 U
Bromoform	**8260B**	--	0.19 U	--	--	0.19 U	--	0.19 U
Bromomethane	**8260B**	--	0.21 U	--	--	0.21 U	--	0.21 U
CarbonDisulfide	**8260B**	--	0.45 U	--	--	0.45 U	--	0.45 U
CarbonTetrachloride	**8260B**	0.19 UJ	0.19 U	0.19 UJ	0.25 J	0.51 J	0.46 J	0.19 U
Chlorobenzene	**8260B**	--	0.17 U	--	--	0.17 U	--	0.17 U
Chloroethane	**8260B**	--	0.41 U	--	--	0.41 U	--	0.41 U
Chloroform	**8260B**	0.16 UJ	0.16 U	0.16 UJ	0.65 J	1.6	1.7	0.16 U
Chloromethane	**8260B**	--	0.3 U	--	--	0.3 U	--	0.3 U
Chloroprene	**8260B**	--	0.21 U	--	--	0.21 U	--	0.21 U
cis-1,2-Dichloroethene	**8260B**	2.2 J	0.15 U	0.15 UJ	0.15 U	0.15 U	0.18 J	0.23 J
cis-1,3-Dichloropropene	**8260B**	--	0.16 U	--	--	0.16 U	--	0.16 U
Cumene	**8260B**	--	--	--	--	--	--	--
Dibromochloromethane	**8260B**	--	0.17 U	--	--	0.17 U	--	0.17 U
Dibromomethane	**8260B**	--	0.17 U	--	--	0.17 U	--	0.17 U
Dichlorodifluoromethane	**8260B**	--	0.31 U	--	--	0.31 U	--	0.31 U
Diisopropylether	**8260B**	--	--	--	--	--	--	--
Ethylcyanide	**8260B**	--	3.7 U	--	--	3.7 UJ	--	3.7 U
Ethylmethacrylate	**8260B**	--	0.86 U	--	--	0.86 U	--	0.86 U
Ethylbenzene	**8260B**	0.16 UJ	0.16 U	0.16 UJ	0.16 U	0.16 U	0.16 U	0.16 U
Hexachlorobutadiene	**8260B**	--	--	--	--	--	--	--
Iodomethane	**8260B**	--	0.23 U	--	--	0.23 U	--	0.23 U
Isobutanol	**8260B**	--	37 U	--	--	37 U	--	37 U
Isopropanol	**8260B**	--	13 U	13 UJ	13 U	13 UJ	13 U	13 U
Methacrylonitrile	**8260B**	--	1.6 U	--	--	1.6 U	--	1.6 U
Methylethylketone	**8260B**	2 UJ	2 U	2 UJ	2 U	2 U	2 U	2 U
Methylisobutylketone(MIBK)	**8260B**	--	0.98 U	--	--	0.98 U	--	0.98 U
Methylmethacrylate	**8260B**	--	1.1 U	--	--	1.1 U	--	1.1 U
Methyltert-butylether	**8260B**	0.25 UJ	--	--	--	0.25 U	0.25 U	--
Methylenechloride	**8260B**	0.32 UJ	5 U	0.32 UJ	0.32 U	5 U	5 U	5 U
m-Xylene&p-Xylene	**8260B**	0.34 UJ	0.34 U	0.34 UJ	0.34 U	0.34 U	0.34 U	0.34 U
n-Butylbenzene	**8260B**	--	--	--	--	--	--	--
n-Propylbenzene	**8260B**	--	--	--	--	--	--	--
o-Chlorotoluene	**8260B**	--	--	--	--	--	--	--
o-Xylene	**8260B**	0.19 UJ	0.19 U	0.19 UJ	0.19 U	0.19 U	0.19 U	0.19 U
p-Chlorotoluene	**8260B**	--	--	--	--	--	--	--
p-Cymene	**8260B**	--	--	--	--	--	--	--
sec-Butylbenzene	**8260B**	--	--	--	--	--	--	--
sec-Dichloropropane	**8260B**	--	--	--	--	--	--	--
Styrene	**8260B**	--	0.17 U	--	--	0.17 U	--	0.17 U
tert-Amylmethylether	**8260B**	--	--	--	--	--	--	--
tert-Butylalcohol	**8260B**	11 UJ	--	--	--	11 UJ	11 UJ	--
tert-Butylethylether	**8260B**	--	--	--	--	--	--	--
tert-Butylbenzene	**8260B**	--	--	--	--	--	--	--
Tetrachloroethene	**8260B**	0.2 UJ	0.2 U	0.2 UJ	0.2 U	0.2 U	0.2 U	0.2 U
Tetrahydrofuran	**8260B**	--	--	--	--	--	--	--
Toluene	**8260B**	0.17 UJ	0.17 U	0.17 UJ	0.17 U	0.17 U	0.17 U	0.17 U
trans-1,2-Dichloroethene	**8260B**	0.15 UJ	0.15 U	0.15 UJ	0.15 U	0.15 U	0.15 U	0.15 U
trans-1,3-Dichloropropene	**8260B**	--	0.19 U	--	--	0.19 U	--	0.19 U
trans-1,4-Dichloro-2-butene	**8260B**	--	0.8 U	--	--	0.8 U	--	0.8 U
Trichloroethene	**8260B**	0.16 UJ	0.16 U	0.16 UJ	0.16 J	3.4	4.4	0.51 J
Trichlorofluoromethane	**8260B**	0.29 UJ	0.29 U	0.29 UJ	0.29 U	0.29 U	0.29 U	0.29 U
Vinylacetate	**8260B**	--	0.94 U	--	--	0.94 U	--	0.94 U
Vinylchloride	**8260B**	0.1 UJ	0.1 U	0.1 UJ	0.1 U	0.1 U	0.1 U	0.1 U
Xylenes,Total	**8260B**	--	--	--	--	--	--	--

TABLE 12
VOLATILE ORGANIC COMPOUNDS ANALYTICAL RESULTS, 2012
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		HAR-15	HAR-16	HAR-16	HAR-18	HAR-18	HAR-19	HAR-19
SampleType:		Primary	Primary	Primary	Primary	Primary	Primary	Field Duplicate
Sample Name:		HAR-15_072412_01	HAR-16_012312_01	HAR-16_072312_01	HAR-18_012612_01	HAR-18_072312_01	HAR-19_020112_01	HAR-19_020112_36
Groundwater Unit:		Shallow	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth
Lab Name:		TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
Collection Date:		7/24/2012	1/23/2012	7/23/2012	1/26/2012	7/23/2012	2/1/2012	2/1/2012
Analyte (µg/L)	**Method**							
1,1,1,2-Tetrachloroethane	**8260B**	--	2.1 U	--	--	--	0.21 U	0.21 U
1,1,1-Trichloroethane	**8260B**	0.16 UJ	1.6 U	1.6 U	--	--	0.16 U	0.16 U
1,1,2,2-Tetrachloroethane	**8260B**	--	2.1 U	--	--	--	0.21 U	0.21 U
1,1,2-Trichloro-1,2,2-trifluoroethane	**8260B**	0.42 UJ	4.2 U	4.2 U	--	--	--	--
1,1,2-Trichloroethane	**8260B**	0.27 UJ	2.7 U	2.7 U	--	--	0.27 U	0.27 U
1,1-Dichloroethane	**8260B**	0.22 UJ	2.2 U	2.2 U	--	--	0.22 U	0.22 U
1,1-Dichloroethene	**8260B**	0.23 UJ	9 J	9.3 J	--	--	0.62 J	0.61 J
1,1-Dichloropropene	**8260B**	--	--	--	--	--	--	--
1,2,3-Trichlorobenzene	**8260B**	--	--	--	--	--	--	--
1,2,3-Trichloropropane	**524.2**	--	0.0017 U	0.002 J	--	--	0.0017 U	0.0017 U
1,2,3-Trichloropropane	**524M**	--	--	--	--	--	--	--
1,2,3-Trichloropropane	**8260B**	--	--	--	--	--	--	--
1,2,4-Trichlorobenzene	**8260B**	--	--	--	--	--	--	--
1,2,4-Trimethylbenzene	**8260B**	--	--	--	--	--	--	--
1,2-Dibromo-3-chloropropane	**504.1**	--	0.0068 U	--	--	--	0.0067 U	0.0067 U
1,2-Dibromo-3-chloropropane	**8260B**	--	--	--	--	--	--	--
1,2-Dibromoethane	**504.1**	--	0.0037 U	--	--	--	0.0037 U	0.0036 U
1,2-Dibromoethane	**8260B**	--	--	--	--	--	--	--
1,2-Dichlorobenzene	**8260B**	--	1.5 U	--	--	--	0.15 U	0.15 U
1,2-Dichloroethane	**8260B**	0.13 UJ	1.3 U	1.3 U	--	--	0.13 U	0.13 U
1,2-Dichloropropane	**8260B**	--	1.8 U	--	--	--	0.18 U	0.18 U
1,3,5-Trimethylbenzene	**8260B**	--	--	--	--	--	--	--
1,3-Dichlorobenzene	**8260B**	--	1.3 U	--	--	--	0.13 U	0.13 U
1,4-Dichlorobenzene	**8260B**	--	1.6 U	--	--	--	0.16 U	0.16 U
1,4-Dioxane	**8260B SIM**	0.22 U	4	4.5	--	--	0.64 U	0.64 U
2-Chloroethylvinylether	**8260B**	--	--	--	--	--	--	--
2-Hexanone	**8260B**	--	17 U	--	--	--	1.7 U	1.7 U
Acetone	**8260B**	10 UJ	2300	19 U	--	--	1.9 U	1.9 U
Acetonitrile	**8260B**	--	96 U	--	--	--	9.6 UJ	9.6 UJ
Acrolein	**8260B**	--	28 U	--	--	--	2.8 UJ	2.8 UJ
Acrylonitrile	**8260B**	--	14 U	--	--	--	1.4 UJ	1.4 UJ
Allylchloride	**8260B**	--	1.7 U	--	--	--	0.17 U	0.17 U
Benzene	**8260B**	0.16 UJ	1.6 U	1.6 U	--	--	0.16 U	0.16 U
Bromobenzene	**8260B**	--	--	--	--	--	--	--
Bromochloromethane	**8260B**	--	--	--	--	--	--	--
Bromodichloromethane	**8260B**	--	1.7 U	--	--	--	0.17 U	0.17 U
Bromoform	**8260B**	--	1.9 U	--	--	--	0.19 U	0.19 U
Bromomethane	**8260B**	--	2.1 U	--	--	--	0.21 U	0.21 U
CarbonDisulfide	**8260B**	--	4.5 U	--	--	--	0.45 U	0.45 U
CarbonTetrachloride	**8260B**	0.19 UJ	1.9 U	1.9 U	--	--	0.19 U	0.19 U
Chlorobenzene	**8260B**	--	1.7 U	--	--	--	0.17 U	0.17 U
Chloroethane	**8260B**	--	4.1 U	--	--	--	0.41 U	0.41 U
Chloroform	**8260B**	0.16 UJ	1.6 U	1.6 U	--	--	0.16 U	0.16 U
Chloromethane	**8260B**	--	3 U	--	--	--	0.3 U	0.3 U
Chloroprene	**8260B**	--	2.1 U	--	--	--	0.21 U	0.21 U
cis-1,2-Dichloroethene	**8260B**	0.15 UJ	43	49	--	--	210	200
cis-1,3-Dichloropropene	**8260B**	--	1.6 U	--	--	--	0.16 U	0.16 U
Cumene	**8260B**	--	--	--	--	--	--	--
Dibromochloromethane	**8260B**	--	1.7 U	--	--	--	0.17 U	0.17 U
Dibromomethane	**8260B**	--	1.7 U	--	--	--	0.17 U	0.17 U
Dichlorodifluoromethane	**8260B**	--	3.1 UJ	--	--	--	0.31 U	0.31 U
Diisopropylether	**8260B**	--	--	--	--	--	--	--
Ethylcyanide	**8260B**	--	37 UJ	--	--	--	3.7 UJ	3.7 UJ
Ethylmethacrylate	**8260B**	--	8.6 U	--	--	--	0.86 U	0.86 U
Ethylbenzene	**8260B**	0.16 UJ	1.6 U	1.6 U	--	--	0.16 U	0.16 U
Hexachlorobutadiene	**8260B**	--	--	--	--	--	--	--
Iodomethane	**8260B**	--	2.3 U	--	--	--	0.23 U	0.23 U
Isobutanol	**8260B**	--	370 UJ	--	--	--	37 U	37 U
Isopropanol	**8260B**	13 UJ	130 UJ	130 U	--	--	--	--
Methacrylonitrile	**8260B**	--	16 U	--	--	--	1.6 U	1.6 U
Methylethylketone	**8260B**	2 UJ	20 U	20 U	--	--	2 U	2 U
Methylisobutylketone(MIBK)	**8260B**	--	9.8 U	--	--	--	0.98 U	0.98 U
Methylmethacrylate	**8260B**	--	11 U	--	--	--	1.1 UJ	1.1 UJ
Methyltert-butylether	**8260B**	--	--	--	2.5 U	1.3 U	0.25 U	0.25 U
Methylenechloride	**8260B**	0.32 UJ	50 UJ	7.1 J	--	--	5 U	0.32 U
m-Xylene&p-Xylene	**8260B**	0.34 UJ	3.4 U	3.4 U	--	--	0.34 U	0.34 U
n-Butylbenzene	**8260B**	--	--	--	--	--	--	--
n-Propylbenzene	**8260B**	--	--	--	--	--	--	--
o-Chlorotoluene	**8260B**	--	--	--	--	--	--	--
o-Xylene	**8260B**	0.19 UJ	1.9 U	1.9 U	--	--	0.19 U	0.19 U
p-Chlorotoluene	**8260B**	--	--	--	--	--	--	--
p-Cymene	**8260B**	--	--	--	--	--	--	--
sec-Butylbenzene	**8260B**	--	--	--	--	--	--	--
sec-Dichloropropane	**8260B**	--	--	--	--	--	--	--
Styrene	**8260B**	--	1.7 UJ	--	--	--	0.17 U	0.17 U
tert-Amylmethylether	**8260B**	--	--	--	--	--	--	--
tert-Butylalcohol	**8260B**	--	--	--	110 U	55 U	11 UJ	11 UJ
tert-Butylethylether	**8260B**	--	--	--	--	--	--	--
tert-Butylbenzene	**8260B**	--	--	--	--	--	--	--
Tetrachloroethene	**8260B**	0.2 UJ	3 J	3 J	--	--	0.2 U	0.2 U
Tetrahydrofuran	**8260B**	--	--	--	--	--	--	--
Toluene	**8260B**	0.17 UJ	1.7 U	1.7 U	--	--	0.17 U	0.17 U
trans-1,2-Dichloroethene	**8260B**	0.15 UJ	1.5 U	1.5 U	--	--	130	110
trans-1,3-Dichloropropene	**8260B**	--	1.9 U	--	--	--	0.19 U	0.19 U
trans-1,4-Dichloro-2-butene	**8260B**	--	8 U	--	--	--	0.8 U	0.8 U
Trichloroethene	**8260B**	0.28 J	3600	3300	--	--	110	99
Trichlorofluoromethane	**8260B**	0.29 UJ	5 J	7.2 J	--	--	0.29 U	0.29 U
Vinylacetate	**8260B**	--	9.4 U	--	--	--	0.94 U	0.94 U
Vinylchloride	**8260B**	0.1 UJ	1 U	1 U	--	--	9.3	8.8
Xylenes,Total	**8260B**	--	--	--	--	--	--	--

TABLE 12
VOLATILE ORGANIC COMPOUNDS ANALYTICAL RESULTS, 2012
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

	Well Identifier:	HAR-19	HAR-19	HAR-20	HAR-20	HAR-21	HAR-21	HAR-22
	SampleType:	Primary	Field Duplicate	Primary	Primary	Primary	Primary	Primary
	Sample Name:	HAR-19_072612_01	HAR-19_072612_36	HAR-20_012312_01	HAR-20_072312_01	HAR-21_012512_01	HAR-21_071612_01	HAR-22_021312_01
	Groundwater Unit:	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth
	Lab Name:	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
	Collection Date:	7/26/2012	7/26/2012	1/23/2012	7/23/2012	1/25/2012	7/16/2012	2/13/2012
Analyte (µg/L)	**Method**							
1,1,1,2-Tetrachloroethane	**8260B**	--	--	0.21 U	--	0.21 U	--	--
1,1,1-Trichloroethane	**8260B**	0.16 UJ	0.16 UJ	0.16 U	0.16 U	0.16 U	0.16 U	--
1,1,2,2-Tetrachloroethane	**8260B**	--	--	0.21 U	--	0.21 U	--	--
1,1,2-Trichloro-1,2,2-trifluoroethane	**8260B**	0.42 UJ	0.42 UJ	--	0.42 U	--	0.42 U	--
1,1,2-Trichloroethane	**8260B**	0.27 UJ	0.27 UJ	0.27 U	0.27 U	0.27 U	0.27 U	--
1,1-Dichloroethane	**8260B**	0.22 UJ	0.22 UJ	0.22 U	0.22 U	0.22 U	0.22 U	--
1,1-Dichloroethene	**8260B**	0.63 J	0.7 J	0.23 U	0.23 U	0.24 J	0.33 J	--
1,1-Dichloropropene	**8260B**	--	--	--	--	--	--	--
1,2,3-Trichlorobenzene	**8260B**	--	--	--	--	--	--	--
1,2,3-Trichloropropane	**524.2**	--	--	0.0017 U	--	0.0017 U	--	--
1,2,3-Trichloropropane	**524M**	--	--	--	--	--	--	--
1,2,3-Trichloropropane	**8260B**	--	--	--	--	--	--	--
1,2,4-Trichlorobenzene	**8260B**	--	--	--	--	--	--	--
1,2,4-Trimethylbenzene	**8260B**	--	--	--	--	--	--	--
1,2-Dibromo-3-chloropropane	**504.1**	--	--	0.0068 U	--	0.0067 U	--	--
1,2-Dibromo-3-chloropropane	**8260B**	--	--	--	--	--	--	--
1,2-Dibromoethane	**504.1**	--	--	0.0037 U	--	0.0037 U	--	--
1,2-Dibromoethane	**8260B**	--	--	--	--	--	--	--
1,2-Dichlorobenzene	**8260B**	--	--	0.15 U	--	0.15 U	--	--
1,2-Dichloroethane	**8260B**	0.13 UJ	0.13 UJ	0.13 U	0.13 U	0.13 U	0.13 U	--
1,2-Dichloropropane	**8260B**	--	--	0.18 U	--	0.18 U	--	--
1,3,5-Trimethylbenzene	**8260B**	--	--	--	--	--	--	--
1,3-Dichlorobenzene	**8260B**	--	--	0.13 U	--	0.13 U	--	--
1,4-Dichlorobenzene	**8260B**	--	--	0.16 U	--	0.16 U	--	--
1,4-Dioxane	**8260B SIM**	0.22 U	0.67 J	4.1	0.22 U	1.3 J	1.1 J	--
2-Chloroethylvinylether	**8260B**	--	--	--	--	--	--	--
2-Hexanone	**8260B**	--	--	1.7 U	--	1.7 U	--	--
Acetone	**8260B**	1.9 UJ	1.9 UJ	1.9 U	1.9 U	9.5 J	1.9 U	--
Acetonitrile	**8260B**	--	--	9.6 U	--	9.6 UJ	--	--
Acrolein	**8260B**	--	--	2.8 U	--	2.8 UJ	--	--
Acrylonitrile	**8260B**	--	--	1.4 U	--	1.4 UJ	--	--
Allylchloride	**8260B**	--	--	0.17 U	--	0.17 U	--	--
Benzene	**8260B**	0.16 UJ	0.16 UJ	0.16 U	0.16 U	0.16 U	0.16 U	--
Bromobenzene	**8260B**	--	--	--	--	--	--	--
Bromochloromethane	**8260B**	--	--	--	--	--	--	--
Bromodichloromethane	**8260B**	--	--	0.17 U	--	0.17 U	--	--
Bromoform	**8260B**	--	--	0.19 U	--	0.19 U	--	--
Bromomethane	**8260B**	--	--	0.21 U	--	0.21 U	--	--
CarbonDisulfide	**8260B**	--	--	0.45 U	--	0.45 U	--	--
CarbonTetrachloride	**8260B**	0.19 UJ	0.19 UJ	0.19 U	0.19 U	0.19 U	0.19 U	--
Chlorobenzene	**8260B**	--	--	0.17 U	--	0.17 U	--	--
Chloroethane	**8260B**	--	--	0.41 U	--	0.41 U	--	--
Chloroform	**8260B**	0.16 UJ	0.16 UJ	0.16 U	0.16 U	0.16 U	0.16 U	--
Chloromethane	**8260B**	--	--	0.3 U	--	0.3 U	--	--
Chloroprene	**8260B**	--	--	0.21 U	--	0.21 U	--	--
cis-1,2-Dichloroethene	**8260B**	240	230	12	20	230	220	--
cis-1,3-Dichloropropene	**8260B**	--	--	0.16 U	--	0.16 U	--	--
Cumene	**8260B**	--	--	--	--	--	--	--
Dibromochloromethane	**8260B**	--	--	0.17 U	--	0.17 U	--	--
Dibromomethane	**8260B**	--	--	0.17 U	--	0.17 U	--	--
Dichlorodifluoromethane	**8260B**	--	--	0.31 U	--	0.31 U	--	--
Diisopropylether	**8260B**	--	--	--	--	--	--	--
Ethylcyanide	**8260B**	--	--	3.7 U	--	3.7 UJ	--	--
Ethylmethacrylate	**8260B**	--	--	0.86 U	--	0.86 U	--	--
Ethylbenzene	**8260B**	0.16 UJ	0.16 UJ	0.16 U	0.16 U	0.16 U	0.16 U	--
Hexachlorobutadiene	**8260B**	--	--	--	--	--	--	--
Iodomethane	**8260B**	--	--	0.23 U	--	0.23 U	--	--
Isobutanol	**8260B**	--	--	37 U	--	37 U	--	--
Isopropanol	**8260B**	--	--	--	--	--	--	--
Methacrylonitrile	**8260B**	--	--	1.6 U	--	1.6 U	--	--
Methylethylketone	**8260B**	2 UJ	2 UJ	2 U	2 U	2 U	2 U	--
Methylisobutylketone(MIBK)	**8260B**	--	--	0.98 U	--	0.98 U	--	--
Methylmethacrylate	**8260B**	--	--	1.1 U	--	1.1 UJ	--	--
Methyltert-butylether	**8260B**	0.25 UJ	0.25 UJ	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
Methylenechloride	**8260B**	0.32 UJ	0.32 UJ	5 U	0.32 U	5 U	5 U	--
m-Xylene&p-Xylene	**8260B**	0.34 UJ	0.34 UJ	0.34 U	0.34 U	0.34 U	0.34 U	--
n-Butylbenzene	**8260B**	--	--	--	--	--	--	--
n-Propylbenzene	**8260B**	--	--	--	--	--	--	--
o-Chlorotoluene	**8260B**	--	--	--	--	--	--	--
o-Xylene	**8260B**	0.19 UJ	0.19 UJ	0.19 U	0.19 U	0.19 U	0.19 U	--
p-Chlorotoluene	**8260B**	--	--	--	--	--	--	--
p-Cymene	**8260B**	--	--	--	--	--	--	--
sec-Butylbenzene	**8260B**	--	--	--	--	--	--	--
sec-Dichloropropane	**8260B**	--	--	--	--	--	--	--
Styrene	**8260B**	--	--	0.17 U	--	0.17 U	--	--
tert-Amylmethylether	**8260B**	--	--	--	--	--	--	--
tert-Butylalcohol	**8260B**	11 UJ	11 UJ	11 U	11 U	11 UJ	11 U	11 U
tert-Butylethylether	**8260B**	--	--	--	--	--	--	--
tert-Butylbenzene	**8260B**	--	--	--	--	--	--	--
Tetrachloroethene	**8260B**	0.2 UJ	0.2 UJ	0.2 U	0.2 U	0.2 U	0.2 U	--
Tetrahydrofuran	**8260B**	--	--	--	--	--	--	--
Toluene	**8260B**	0.17 UJ	0.17 UJ	0.17 U	0.17 U	0.17 U	0.17 U	--
trans-1,2-Dichloroethene	**8260B**	98	95	0.78 J	1.9	15	19	--
trans-1,3-Dichloropropene	**8260B**	--	--	0.19 U	--	0.19 U	--	--
trans-1,4-Dichloro-2-butene	**8260B**	--	--	0.8 U	--	0.8 U	--	--
Trichloroethene	**8260B**	91	87	20	19	0.41 J	0.95 J	--
Trichlorofluoromethane	**8260B**	0.29 UJ	0.29 UJ	0.29 U	0.29 U	0.29 U	0.29 U	--
Vinylacetate	**8260B**	--	--	0.94 U	--	0.94 U	--	--
Vinylchloride	**8260B**	14 J	16 J	0.1 U	0.1 U	93	82	--
Xylenes,Total	**8260B**	--	--	--	--	--	--	--

TABLE 12
VOLATILE ORGANIC COMPOUNDS ANALYTICAL RESULTS, 2012
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		HAR-22	HAR-23	HAR-23	HAR-25	HAR-25	HAR-26	HAR-26
SampleType:		Primary	Primary	Primary	Primary	Primary	Primary	Primary
Sample Name:		HAR-22_072312_01	HAR-23_021012_01	HAR-23_072412_01	HAR-25_021012_01	HAR-25_080112_01	HAR-26_020912_01	HAR-26_073112_01
Groundwater Unit:		Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth
Lab Name:		TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
Collection Date:		7/23/2012	2/10/2012	7/24/2012	2/10/2012	8/1/2012	2/9/2012	7/31/2012
Analyte (µg/L)	**Method**							
1,1,1,2-Tetrachloroethane	**8260B**	--	--	--	--	--	0.21 U	--
1,1,1-Trichloroethane	**8260B**	--	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 UJ
1,1,2,2-Tetrachloroethane	**8260B**	--	--	--	--	--	0.21 U	--
1,1,2-Trichloro-1,2,2-trifluoroethane	**8260B**	--	0.42 U	0.42 U	0.51 J	0.43 J	--	0.42 UJ
1,1,2-Trichloroethane	**8260B**	--	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 UJ
1,1-Dichloroethane	**8260B**	--	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 UJ
1,1-Dichloroethene	**8260B**	--	0.23 U	0.23 U	0.23 U	0.23 U	0.23 U	0.23 UJ
1,1-Dichloropropene	**8260B**	--	--	--	--	--	--	--
1,2,3-Trichlorobenzene	**8260B**	--	--	--	--	--	--	--
1,2,3-Trichloropropane	**524.2**	--	--	--	0.0017 U	0.0017 U	0.0017 U	0.0017 U
1,2,3-Trichloropropane	**524M**	--	--	--	--	--	--	--
1,2,3-Trichloropropane	**8260B**	--	--	--	--	--	--	--
1,2,4-Trichlorobenzene	**8260B**	--	--	--	--	--	--	--
1,2,4-Trimethylbenzene	**8260B**	--	--	--	--	--	--	--
1,2-Dibromo-3-chloropropane	**504.1**	--	--	--	--	--	0.0067 U	--
1,2-Dibromo-3-chloropropane	**8260B**	--	--	--	--	--	--	--
1,2-Dibromoethane	**504.1**	--	--	--	--	--	0.0037 U	--
1,2-Dibromoethane	**8260B**	--	--	--	--	--	--	--
1,2-Dichlorobenzene	**8260B**	--	--	--	--	--	0.15 U	--
1,2-Dichloroethane	**8260B**	--	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.13 UJ
1,2-Dichloropropane	**8260B**	--	--	--	--	--	0.18 U	--
1,3,5-Trimethylbenzene	**8260B**	--	--	--	--	--	--	--
1,3-Dichlorobenzene	**8260B**	--	--	--	--	--	0.13 U	--
1,4-Dichlorobenzene	**8260B**	--	--	--	--	--	0.16 U	--
1,4-Dioxane	**8260B SIM**	--	0.64 U	0.22 U	0.64 U	0.22 U	0.64 U	0.22 U
2-Chloroethylvinylether	**8260B**	--	--	--	--	--	--	--
2-Hexanone	**8260B**	--	--	--	--	--	1.7 U	--
Acetone	**8260B**	--	1.9 U	1.9 U	1.9 U	1.9 U	3.1 J	1.9 UJ
Acetonitrile	**8260B**	--	--	--	--	--	9.6 U	--
Acrolein	**8260B**	--	--	--	--	--	2.8 U	--
Acrylonitrile	**8260B**	--	--	--	--	--	1.4 U	--
Allylchloride	**8260B**	--	--	--	--	--	0.17 U	--
Benzene	**8260B**	--	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 UJ
Bromobenzene	**8260B**	--	--	--	--	--	--	--
Bromochloromethane	**8260B**	--	--	--	--	--	--	--
Bromodichloromethane	**8260B**	--	--	--	--	--	0.17 U	--
Bromoform	**8260B**	--	--	--	--	--	0.19 U	--
Bromomethane	**8260B**	--	--	--	--	--	0.21 U	--
CarbonDisulfide	**8260B**	--	--	--	--	--	0.45 U	--
CarbonTetrachloride	**8260B**	--	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 UJ
Chlorobenzene	**8260B**	--	--	--	--	--	0.17 U	--
Chloroethane	**8260B**	--	--	--	--	--	0.41 U	--
Chloroform	**8260B**	--	0.16 U	0.16 U	0.28 J	0.16 U	0.16 U	0.16 UJ
Chloromethane	**8260B**	--	--	--	--	--	0.3 U	--
Chloroprene	**8260B**	--	--	--	--	--	0.21 U	--
cis-1,2-Dichloroethene	**8260B**	--	0.18 J	0.15 U	0.15 U	0.15 U	0.79 J	0.15 UJ
cis-1,3-Dichloropropene	**8260B**	--	--	--	--	--	0.16 U	--
Cumene	**8260B**	--	--	--	--	--	--	--
Dibromochloromethane	**8260B**	--	--	--	--	--	0.17 U	--
Dibromomethane	**8260B**	--	--	--	--	--	0.17 U	--
Dichlorodifluoromethane	**8260B**	--	--	--	--	--	0.31 U	--
Diisopropylether	**8260B**	--	--	--	--	--	--	--
Ethylcyanide	**8260B**	--	--	--	--	--	3.7 U	--
Ethylmethacrylate	**8260B**	--	--	--	--	--	0.86 U	--
Ethylbenzene	**8260B**	--	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 UJ
Hexachlorobutadiene	**8260B**	--	--	--	--	--	--	--
Iodomethane	**8260B**	--	--	--	--	--	0.23 U	--
Isobutanol	**8260B**	--	--	--	--	--	37 U	--
Isopropanol	**8260B**	--	13 U	13 U	13 U	13 U	--	--
Methacrylonitrile	**8260B**	--	--	--	--	--	1.6 U	--
Methylethylketone	**8260B**	--	2 U	2 U	2 U	2 U	2 U	2 UJ
Methylisobutylketone(MIBK)	**8260B**	--	--	--	--	--	0.98 U	--
Methylmethacrylate	**8260B**	--	--	--	--	--	1.1 U	--
Methyltert-butylether	**8260B**	0.25 U	0.25 U	0.25 U	--	--	--	--
Methylenechloride	**8260B**	--	0.32 U	0.32 U	0.32 U	0.32 U	5 U	0.32 UJ
m-Xylene&p-Xylene	**8260B**	--	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 UJ
n-Butylbenzene	**8260B**	--	--	--	--	--	--	--
n-Propylbenzene	**8260B**	--	--	--	--	--	--	--
o-Chlorotoluene	**8260B**	--	--	--	--	--	--	--
o-Xylene	**8260B**	--	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 UJ
p-Chlorotoluene	**8260B**	--	--	--	--	--	--	--
p-Cymene	**8260B**	--	--	--	--	--	--	--
sec-Butylbenzene	**8260B**	--	--	--	--	--	--	--
sec-Dichloropropane	**8260B**	--	--	--	--	--	--	--
Styrene	**8260B**	--	--	--	--	--	0.17 U	--
tert-Amylmethylether	**8260B**	--	--	--	--	--	--	--
tert-Butylalcohol	**8260B**	11 U	11 U	11 U	--	--	--	--
tert-Butylethylether	**8260B**	--	--	--	--	--	--	--
tert-Butylbenzene	**8260B**	--	--	--	--	--	--	--
Tetrachloroethene	**8260B**	--	0.2 U	0.2 U	1.3	0.93 J	0.2 U	0.2 UJ
Tetrahydrofuran	**8260B**	--	--	--	--	--	--	--
Toluene	**8260B**	--	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 UJ
trans-1,2-Dichloroethene	**8260B**	--	0.15 U	0.15 U	0.15 U	0.15 U	0.41 J	0.15 UJ
trans-1,3-Dichloropropene	**8260B**	--	--	--	--	--	0.19 U	--
trans-1,4-Dichloro-2-butene	**8260B**	--	--	--	--	--	0.8 U	--
Trichloroethene	**8260B**	--	1.6	1.2	13	8.7	10	0.16 UJ
Trichlorofluoromethane	**8260B**	--	0.29 U	0.29 U	25	18	0.29 U	0.29 UJ
Vinylacetate	**8260B**	--	--	--	--	--	0.94 U	--
Vinylchloride	**8260B**	--	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 UJ
Xylenes,Total	**8260B**	--	--	--	--	--	--	--

TABLE 12
VOLATILE ORGANIC COMPOUNDS ANALYTICAL RESULTS, 2012
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		HAR-27	HAR-27	HAR-28	HAR-28	HAR-29	HAR-29	HAR-30
SampleType:		Primary	Primary	Primary	Primary	Primary	Primary	Primary
Sample Name:		HAR-27_012712_01	HAR-27_072712_01	HAR-28_012712_01	HAR-28_072712_01	HAR-29_012712_01	HAR-29_072712_01	HAR-30_020712_01
Groundwater Unit:		Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow
Lab Name:		TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
Collection Date:		1/27/2012	7/27/2012	1/27/2012	7/27/2012	1/27/2012	7/27/2012	2/7/2012
Analyte (µg/L)	**Method**							
1,1,1,2-Tetrachloroethane	8260B	0.21 U	--	0.21 U	--	0.21 U	--	0.21 U
1,1,1-Trichloroethane	8260B	0.16 U	0.16 UJ	0.16 U	0.16 U	0.16 U	0.16 UJ	0.16 U
1,1,2,2-Tetrachloroethane	8260B	0.21 U	--	0.21 U	--	0.21 U	--	0.21 U
1,1,2-Trichloro-1,2,2-trifluoroethane	8260B	--	0.42 UJ	--	0.42 U	--	0.42 UJ	0.42 U
1,1,2-Trichloroethane	8260B	0.27 U	0.27 UJ	0.27 U	0.27 U	0.27 U	0.27 UJ	0.27 U
1,1-Dichloroethane	8260B	0.22 U	0.22 UJ	0.22 U	0.22 U	0.22 U	0.22 UJ	0.22 U
1,1-Dichloroethene	8260B	0.23 U	0.23 UJ	0.23 U	0.23 U	0.23 U	0.23 UJ	0.23 U
1,1-Dichloropropene	8260B	--	--	--	--	--	--	--
1,2,3-Trichlorobenzene	8260B	--	--	--	--	--	--	--
1,2,3-Trichloropropane	524.2	0.0017 U	--	0.0017 U	--	0.0017 U	--	0.0017 U
1,2,3-Trichloropropane	524M	--	--	--	--	--	--	--
1,2,3-Trichloropropane	8260B	--	--	--	--	--	--	--
1,2,4-Trichlorobenzene	8260B	--	--	--	--	--	--	--
1,2,4-Trimethylbenzene	8260B	--	--	--	--	--	--	--
1,2-Dibromo-3-chloropropane	504.1	0.0068 U	--	0.0067 U	--	0.0068 U	--	0.0069 U
1,2-Dibromo-3-chloropropane	8260B	--	--	--	--	--	--	--
1,2-Dibromoethane	504.1	0.0037 U	--	0.0037 U	--	0.0037 U	--	0.0037 U
1,2-Dibromoethane	8260B	--	--	--	--	--	--	--
1,2-Dichlorobenzene	8260B	0.15 U	--	0.15 U	--	0.15 U	--	0.15 U
1,2-Dichloroethane	8260B	0.13 U	0.13 UJ	0.13 U	0.13 U	0.13 U	0.13 UJ	0.13 U
1,2-Dichloropropane	8260B	0.18 U	--	0.18 U	--	0.18 U	--	0.18 U
1,3,5-Trimethylbenzene	8260B	--	--	--	--	--	--	--
1,3-Dichlorobenzene	8260B	0.13 U	--	0.13 U	--	0.13 U	--	0.13 U
1,4-Dichlorobenzene	8260B	0.16 U	--	0.16 U	--	0.16 U	--	0.16 U
1,4-Dioxane	8260B SIM	0.64 U	0.22 U	0.64 U	0.22 U	0.64 U	0.22 U	0.64 U
2-Chloroethylvinylether	8260B	--	--	--	--	--	--	--
2-Hexanone	8260B	1.7 U	--	1.7 U	--	1.7 U	--	1.7 U
Acetone	8260B	1.9 U	1.9 UJ	1.9 U	1.9 U	1.9 U	1.9 UJ	1.9 U
Acetonitrile	8260B	9.6 UJ	--	9.6 U	--	9.6 U	--	9.6 U
Acrolein	8260B	2.8 UJ	--	2.8 U	--	2.8 U	--	2.8 UJ
Acrylonitrile	8260B	1.4 UJ	--	1.4 U	--	1.4 U	--	1.4 UJ
Allylchloride	8260B	0.17 U	--	0.17 U	--	0.17 U	--	0.17 U
Benzene	8260B	0.16 U	0.16 UJ	0.16 U	0.16 U	0.16 U	0.16 UJ	0.16 U
Bromobenzene	8260B	--	--	--	--	--	--	--
Bromochloromethane	8260B	--	--	--	--	--	--	--
Bromodichloromethane	8260B	0.17 U	--	0.17 U	--	0.17 U	--	0.17 U
Bromoform	8260B	0.19 U	--	0.19 U	--	0.19 U	--	0.19 U
Bromomethane	8260B	0.21 U	--	0.21 U	--	0.21 U	--	0.21 U
CarbonDisulfide	8260B	0.45 U	--	0.45 U	--	0.45 U	--	0.45 U
CarbonTetrachloride	8260B	0.19 U	0.19 UJ	0.19 U	0.19 U	0.19 U	0.19 UJ	0.19 U
Chlorobenzene	8260B	0.17 U	--	0.17 U	--	0.17 U	--	0.17 U
Chloroethane	8260B	0.41 U	--	0.41 U	--	0.41 U	--	0.41 U
Chloroform	8260B	0.16 U	0.16 UJ	0.16 U	0.16 U	0.16 U	0.16 UJ	0.16 U
Chloromethane	8260B	0.3 U	--	0.3 U	--	0.3 U	--	0.3 U
Chloroprene	8260B	0.21 U	--	0.21 U	--	0.21 U	--	0.21 U
cis-1,2-Dichloroethene	8260B	44	7.5 J	2.8	2.2	0.15 U	0.15 UJ	0.71 J
cis-1,3-Dichloropropene	8260B	0.16 U	--	0.16 U	--	0.16 U	--	0.16 U
Cumene	8260B	--	--	--	--	--	--	--
Dibromochloromethane	8260B	0.17 U	--	0.17 U	--	0.17 U	--	0.17 U
Dibromomethane	8260B	0.17 U	--	0.17 U	--	0.17 U	--	0.17 U
Dichlorodifluoromethane	8260B	0.31 U	--	0.31 U	--	0.31 U	--	0.31 U
Diisopropylether	8260B	--	--	--	--	--	--	--
Ethylcyanide	8260B	3.7 UJ	--	3.7 U	--	3.7 U	--	3.7 UJ
Ethylmethacrylate	8260B	0.86 U	--	0.86 U	--	0.86 U	--	0.86 U
Ethylbenzene	8260B	0.16 U	0.16 UJ	0.16 U	0.16 U	0.16 U	0.16 UJ	0.16 U
Hexachlorobutadiene	8260B	--	--	--	--	--	--	--
Iodomethane	8260B	0.23 U	--	0.23 U	--	0.23 U	--	0.23 U
Isobutanol	8260B	37 U	--	37 U	--	37 U	--	37 U
Isopropanol	8260B	--	--	--	--	--	--	13 UJ
Methacrylonitrile	8260B	1.6 U	--	1.6 U	--	1.6 U	--	1.6 U
Methylethylketone	8260B	2 U	2 UJ	2 U	2 U	2 U	2 UJ	2 U
Methylisobutylketone(MIBK)	8260B	0.98 U	--	0.98 U	--	0.98 U	--	0.98 U
Methylmethacrylate	8260B	1.1 UJ	--	1.1 U	--	1.1 U	--	1.1 UJ
Methyltert-butylether	8260B	--	--	--	--	--	--	--
Methylenechloride	8260B	5 U	0.32 UJ	0.32 U	0.32 U	0.32 U	0.32 UJ	5 U
m-Xylene&p-Xylene	8260B	0.34 U	0.34 UJ	0.34 U	0.34 U	0.34 U	0.34 UJ	0.34 U
n-Butylbenzene	8260B	--	--	--	--	--	--	--
n-Propylbenzene	8260B	--	--	--	--	--	--	--
o-Chlorotoluene	8260B	--	--	--	--	--	--	--
o-Xylene	8260B	0.19 U	0.19 UJ	0.19 U	0.19 U	0.19 U	0.19 UJ	0.19 U
p-Chlorotoluene	8260B	--	--	--	--	--	--	--
p-Cymene	8260B	--	--	--	--	--	--	--
sec-Butylbenzene	8260B	--	--	--	--	--	--	--
sec-Dichloropropane	8260B	--	--	--	--	--	--	--
Styrene	8260B	0.17 U	--	0.17 U	--	0.17 U	--	0.17 U
tert-Amylmethylether	8260B	--	--	--	--	--	--	--
tert-Butylalcohol	8260B	--	--	--	--	--	--	--
tert-Butylethylether	8260B	--	--	--	--	--	--	--
tert-Butylbenzene	8260B	--	--	--	--	--	--	--
Tetrachloroethene	8260B	0.2 U	0.2 UJ	0.2 U	0.2 U	0.2 U	0.2 UJ	0.2 U
Tetrahydrofuran	8260B	--	--	--	--	--	--	--
Toluene	8260B	0.17 U	0.17 UJ	0.17 U	0.17 U	0.17 U	0.17 UJ	0.17 U
trans-1,2-Dichloroethene	8260B	26	4.5 J	0.15 U	0.15 U	0.15 U	0.15 UJ	0.15 U
trans-1,3-Dichloropropene	8260B	0.19 U	--	0.19 U	--	0.19 U	--	0.19 U
trans-1,4-Dichloro-2-butene	8260B	0.8 U	--	0.8 U	--	0.8 U	--	0.8 U
Trichloroethene	8260B	1.3	0.25 J	1.4	0.98 J	0.18 J	0.23 J	1.8
Trichlorofluoromethane	8260B	0.29 U	0.29 UJ	0.29 U	0.29 U	0.29 U	0.29 UJ	0.29 U
Vinylacetate	8260B	0.94 U	--	0.94 U	--	0.94 U	--	0.94 U
Vinylchloride	8260B	8.2	0.1 UJ	0.1 U	0.1 U	0.1 U	0.1 UJ	0.1 U
Xylenes,Total	8260B	--	--	--	--	--	--	--

TABLE 12
VOLATILE ORGANIC COMPOUNDS ANALYTICAL RESULTS, 2012
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		HAR-30	HAR-30	HAR-31	HAR-32	HAR-32	HAR-33	HAR-33
SampleType:		Primary	Field Duplicate	Primary	Primary	Primary	Primary	Primary
Sample Name:		HAR-30_072412_01	HAR-30_072412_36	HAR-31_012412_01	HAR-32_021412_01	HAR-32_080812_01	HAR-33_021512_01	HAR-33_080812_01
Groundwater Unit:		Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow
Lab Name:		TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
Collection Date:		7/24/2012	7/24/2012	1/24/2012	2/14/2012	8/8/2012	2/15/2012	8/8/2012
Analyte (µg/L)	**Method**							
1,1,1,2-Tetrachloroethane	8260B	--	--	--	--	--	0.21 UJ	--
1,1,1-Trichloroethane	8260B	0.16 U	0.16 UJ	0.16 U	1.1 U	0.32 U	0.16 UJ	0.16 U
1,1,2,2-Tetrachloroethane	8260B	--	--	--	--	--	0.21 UJ	--
1,1,2-Trichloro-1,2,2-trifluoroethane	8260B	0.42 U	0.42 UJ	0.42 U	1900	1200	5.5 J	5.8
1,1,2-Trichloroethane	8260B	0.27 U	0.27 UJ	0.27 U	1.8 U	0.54 U	0.27 UJ	0.27 U
1,1-Dichloroethane	8260B	0.22 U	0.22 UJ	0.22 U	2.4 J	1.9 J	0.22 UJ	0.22 U
1,1-Dichloroethene	8260B	0.23 U	0.23 UJ	0.23 U	1.5 U	6.4	0.23 UJ	0.23 U
1,1-Dichloropropene	8260B	--	--	--	--	--	--	--
1,2,3-Trichlorobenzene	8260B	--	--	--	--	--	--	--
1,2,3-Trichloropropane	524.2	--	--	--	--	--	0.0017 U	--
1,2,3-Trichloropropane	524M	--	--	--	--	--	--	--
1,2,3-Trichloropropane	8260B	--	--	--	--	--	--	--
1,2,4-Trichlorobenzene	8260B	--	--	--	--	--	--	--
1,2,4-Trimethylbenzene	8260B	--	--	--	--	--	--	--
1,2-Dibromo-3-chloropropane	504.1	--	--	--	--	--	0.0066 U	--
1,2-Dibromo-3-chloropropane	8260B	--	--	--	--	--	--	--
1,2-Dibromoethane	504.1	--	--	--	--	--	0.0036 U	--
1,2-Dibromoethane	8260B	--	--	--	--	--	--	--
1,2-Dichlorobenzene	8260B	--	--	--	--	--	0.15 UJ	--
1,2-Dichloroethane	8260B	0.13 U	0.13 UJ	0.13 U	0.87 U	0.26 U	0.13 UJ	0.13 U
1,2-Dichloropropane	8260B	--	--	--	--	--	0.18 UJ	--
1,3,5-Trimethylbenzene	8260B	--	--	--	--	--	--	--
1,3-Dichlorobenzene	8260B	--	--	--	--	--	0.13 UJ	--
1,4-Dichlorobenzene	8260B	--	--	--	--	--	0.16 UJ	--
1,4-Dioxane	8260B SIM	0.22 U	0.22 U	0.64 U	2.2	1.2 J	0.75 J	0.22 U
2-Chloroethylvinylether	8260B	--	--	--	--	--	--	--
2-Hexanone	8260B	--	--	--	--	--	1.7 UJ	--
Acetone	8260B	1.9 U	10 UJ	1.9 U	13 U	3.8 U	1.9 UJ	1.9 U
Acetonitrile	8260B	--	--	--	--	--	9.6 UJ	--
Acrolein	8260B	--	--	--	--	--	2.8 UJ	--
Acrylonitrile	8260B	--	--	--	--	--	1.4 UJ	--
Allylchloride	8260B	--	--	--	--	--	0.17 UJ	--
Benzene	8260B	0.16 U	0.16 UJ	0.16 U	1.1 U	0.32 U	0.16 UJ	0.16 U
Bromobenzene	8260B	--	--	--	--	--	--	--
Bromochloromethane	8260B	--	--	--	--	--	--	--
Bromodichloromethane	8260B	--	--	--	--	--	0.17 UJ	--
Bromoform	8260B	--	--	--	--	--	0.19 UJ	--
Bromomethane	8260B	--	--	--	--	--	0.21 UJ	--
CarbonDisulfide	8260B	--	--	--	--	--	0.45 UJ	--
CarbonTetrachloride	8260B	0.19 U	0.19 UJ	0.19 U	1.3 U	0.38 U	0.19 UJ	0.19 U
Chlorobenzene	8260B	--	--	--	--	--	0.17 UJ	--
Chloroethane	8260B	--	--	--	--	--	0.41 UJ	--
Chloroform	8260B	0.16 U	0.16 UJ	0.16 U	1.1 U	0.35 J	0.16 UJ	0.16 U
Chloromethane	8260B	--	--	--	--	--	0.3 UJ	--
Chloroprene	8260B	--	--	--	--	--	0.21 UJ	--
cis-1,2-Dichloroethene	8260B	0.78 J	0.88 J	0.15 U	43	37	0.15 UJ	0.15 U
cis-1,3-Dichloropropene	8260B	--	--	--	--	--	0.16 UJ	--
Cumene	8260B	--	--	--	--	--	--	--
Dibromochloromethane	8260B	--	--	--	--	--	0.17 UJ	--
Dibromomethane	8260B	--	--	--	--	--	0.17 UJ	--
Dichlorodifluoromethane	8260B	--	--	--	--	--	0.31 UJ	--
Diisopropylether	8260B	--	--	--	--	--	--	--
Ethylcyanide	8260B	--	--	--	--	--	3.7 UJ	--
Ethylmethacrylate	8260B	--	--	--	--	--	0.86 UJ	--
Ethylbenzene	8260B	0.16 U	0.16 UJ	0.16 U	1.1 U	0.32 U	0.16 UJ	0.16 U
Hexachlorobutadiene	8260B	--	--	--	--	--	--	--
Iodomethane	8260B	--	--	--	--	--	0.23 UJ	--
Isobutanol	8260B	--	--	--	--	--	37 UJ	--
Isopropanol	8260B	13 U	13 UJ	13 U	87 U	26 U	13 UJ	13 U
Methacrylonitrile	8260B	--	--	--	--	--	1.6 UJ	--
Methylethylketone	8260B	2 U	2 UJ	2 U	13 U	4 U	2 UJ	2 U
Methylisobutylketone(MIBK)	8260B	--	--	--	--	--	0.98 UJ	--
Methylmethacrylate	8260B	--	--	--	--	--	1.1 UJ	--
Methyltert-butylether	8260B	0.25 U	0.25 UJ	--	--	--	--	--
Methylenechloride	8260B	0.32 U	0.32 UJ	0.32 U	33 U	0.64 U	5 UJ	0.32 U
m-Xylene&p-Xylene	8260B	0.34 U	0.34 UJ	0.34 U	2.3 U	0.68 U	0.34 UJ	0.34 U
n-Butylbenzene	8260B	--	--	--	--	--	--	--
n-Propylbenzene	8260B	--	--	--	--	--	--	--
o-Chlorotoluene	8260B	--	--	--	--	--	--	--
o-Xylene	8260B	0.19 U	0.19 UJ	0.19 U	1.3 U	0.38 U	0.19 UJ	0.19 U
p-Chlorotoluene	8260B	--	--	--	--	--	--	--
p-Cymene	8260B	--	--	--	--	--	--	--
sec-Butylbenzene	8260B	--	--	--	--	--	--	--
sec-Dichloropropane	8260B	--	--	--	--	--	--	--
Styrene	8260B	--	--	--	--	--	0.17 UJ	--
tert-Amylmethylether	8260B	--	--	--	--	--	--	--
tert-Butylalcohol	8260B	11 UJ	11 UJ	--	--	--	--	--
tert-Butylethylether	8260B	--	--	--	--	--	--	--
tert-Butylbenzene	8260B	--	--	--	--	--	--	--
Tetrachloroethene	8260B	0.2 U	0.2 UJ	0.2 U	1.3 U	0.64 J	0.2 UJ	0.2 U
Tetrahydrofuran	8260B	--	--	--	--	--	--	--
Toluene	8260B	0.17 U	0.17 UJ	0.17 U	1.1 U	0.34 U	0.17 UJ	0.17 U
trans-1,2-Dichloroethene	8260B	0.15 U	0.15 UJ	0.15 U	1 U	0.31 J	0.15 UJ	0.15 U
trans-1,3-Dichloropropene	8260B	--	--	--	--	--	0.19 UJ	--
trans-1,4-Dichloro-2-butene	8260B	--	--	--	--	--	0.8 UJ	--
Trichloroethene	8260B	1.9	2.1 J	0.16 U	830	570	0.98 J	0.87 J
Trichlorofluoromethane	8260B	0.29 U	0.29 UJ	0.29 U	1.9 U	0.58 U	0.29 UJ	0.29 U
Vinylacetate	8260B	--	--	--	--	--	0.94 UJ	--
Vinylchloride	8260B	0.1 U	0.1 UJ	0.1 U	0.67 U	0.31 J	0.1 UJ	0.1 U
Xylenes,Total	8260B	--	--	--	--	--	--	--

TABLE 12
VOLATILE ORGANIC COMPOUNDS ANALYTICAL RESULTS, 2012
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		OS-02	OS-03	OS-04	OS-09	OS-09R (Port 1)	OS-16	OS-25	OS-26
SampleType:		Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Sample Name:		OS-02_011112_01	OS-03_011112_01	OS-04_011112_01	OS-09_011112_01	OS-09R_011312_01	OS-16_013012_01	OS-25_020812_01	OS-26_020812_01
Groundwater Unit:		Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth
Lab Name:		TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
Collection Date:		1/11/2012	1/11/2012	1/11/2012	1/11/2012	1/13/2012	1/30/2012	2/8/2012	2/8/2012
Analyte (µg/L)	**Method**								
1,1,1,2-Tetrachloroethane	8260B	--	--	--	--	--	--	--	--
1,1,1-Trichloroethane	8260B	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 UJ	0.16 U	0.16 U
1,1,2,2-Tetrachloroethane	8260B	--	--	--	--	--	--	--	--
1,1,2-Trichloro-1,2,2-trifluoroethane	8260B	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U	0.42 UJ	0.42 U	0.42 U
1,1,2-Trichloroethane	8260B	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 UJ	0.27 U	0.27 U
1,1-Dichloroethane	8260B	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 UJ	0.22 U	0.22 U
1,1-Dichloroethene	8260B	0.23 U	0.23 U	0.23 U	0.23 U	0.23 U	0.23 UJ	0.23 U	0.23 U
1,1-Dichloropropene	8260B	--	--	--	--	--	--	--	--
1,2,3-Trichlorobenzene	8260B	--	--	--	--	--	--	--	--
1,2,3-Trichloropropane	524.2	--	--	--	--	--	--	--	--
1,2,3-Trichloropropane	524M	--	--	--	--	--	--	--	--
1,2,3-Trichloropropane	8260B	--	--	--	--	--	--	--	--
1,2,4-Trichlorobenzene	8260B	--	--	--	--	--	--	--	--
1,2,4-Trimethylbenzene	8260B	--	--	--	--	--	--	--	--
1,2-Dibromo-3-chloropropane	504.1	--	--	--	--	--	--	--	--
1,2-Dibromo-3-chloropropane	8260B	--	--	--	--	--	--	--	--
1,2-Dibromoethane	504.1	--	--	--	--	--	--	--	--
1,2-Dibromoethane	8260B	--	--	--	--	--	--	--	--
1,2-Dichlorobenzene	8260B	--	--	--	--	--	--	--	--
1,2-Dichloroethane	8260B	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.13 UJ	0.13 U	0.13 U
1,2-Dichloropropane	8260B	--	--	--	--	--	--	--	--
1,3,5-Trimethylbenzene	8260B	--	--	--	--	--	--	--	--
1,3-Dichlorobenzene	8260B	--	--	--	--	--	--	--	--
1,4-Dichlorobenzene	8260B	--	--	--	--	--	--	--	--
1,4-Dioxane	8260B SIM	--	--	--	--	--	--	--	--
2-Chloroethylvinylether	8260B	--	--	--	--	--	--	--	--
2-Hexanone	8260B	--	--	--	--	--	--	--	--
Acetone	8260B	1.9 U	1.9 U	1.9 U	4.5 J	1.9 U	1.9 UJ	1.9 U	1.9 U
Acetonitrile	8260B	--	--	--	--	--	--	--	--
Acrolein	8260B	--	--	--	--	--	--	--	--
Acrylonitrile	8260B	--	--	--	--	--	--	--	--
Allylchloride	8260B	--	--	--	--	--	--	--	--
Benzene	8260B	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 UJ	0.16 U	0.16 U
Bromobenzene	8260B	--	--	--	--	--	--	--	--
Bromochloromethane	8260B	--	--	--	--	--	--	--	--
Bromodichloromethane	8260B	--	--	--	--	--	--	--	--
Bromoform	8260B	--	--	--	--	--	--	--	--
Bromomethane	8260B	--	--	--	--	--	--	--	--
CarbonDisulfide	8260B	--	--	--	--	--	--	--	--
CarbonTetrachloride	8260B	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 UJ	0.19 U	0.19 U
Chlorobenzene	8260B	--	--	--	--	--	--	--	--
Chloroethane	8260B	--	--	--	--	--	--	--	--
Chloroform	8260B	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 UJ	0.16 U	0.16 U
Chloromethane	8260B	--	--	--	--	--	--	--	--
Chloroprene	8260B	--	--	--	--	--	--	--	--
cis-1,2-Dichloroethene	8260B	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 UJ	0.15 U	0.15 U
cis-1,3-Dichloropropene	8260B	--	--	--	--	--	--	--	--
Cumene	8260B	--	--	--	--	--	--	--	--
Dibromochloromethane	8260B	--	--	--	--	--	--	--	--
Dibromomethane	8260B	--	--	--	--	--	--	--	--
Dichlorodifluoromethane	8260B	--	--	--	--	--	--	--	--
Diisopropylether	8260B	--	--	--	--	--	--	--	--
Ethylcyanide	8260B	--	--	--	--	--	--	--	--
Ethylmethacrylate	8260B	--	--	--	--	--	--	--	--
Ethylbenzene	8260B	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 UJ	0.16 U	0.16 U
Hexachlorobutadiene	8260B	--	--	--	--	--	--	--	--
Iodomethane	8260B	--	--	--	--	--	--	--	--
Isobutanol	8260B	--	--	--	--	--	--	--	--
Isopropanol	8260B	--	--	--	--	--	--	--	--
Methacrylonitrile	8260B	--	--	--	--	--	--	--	--
Methylethylketone	8260B	2 U	2 U	2 U	2 U	2 U	2 UJ	2 U	2 U
Methylisobutylketone(MIBK)	8260B	--	--	--	--	--	--	--	--
Methylmethacrylate	8260B	--	--	--	--	--	--	--	--
Methyltert-butylether	8260B	--	--	--	--	--	--	--	--
Methylenechloride	8260B	0.32 U	5 U	5 U	5 U	5 U	5 UJ	0.32 U	0.32 U
m-Xylene&p-Xylene	8260B	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 UJ	0.34 U	0.34 U
n-Butylbenzene	8260B	--	--	--	--	--	--	--	--
n-Propylbenzene	8260B	--	--	--	--	--	--	--	--
o-Chlorotoluene	8260B	--	--	--	--	--	--	--	--
o-Xylene	8260B	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 UJ	0.19 U	0.19 U
p-Chlorotoluene	8260B	--	--	--	--	--	--	--	--
p-Cymene	8260B	--	--	--	--	--	--	--	--
sec-Butylbenzene	8260B	--	--	--	--	--	--	--	--
sec-Dichloropropane	8260B	--	--	--	--	--	--	--	--
Styrene	8260B	--	--	--	--	--	--	--	--
tert-Amylmethylether	8260B	--	--	--	--	--	--	--	--
tert-Butylalcohol	8260B	--	--	--	--	--	--	--	--
tert-Butylethylether	8260B	--	--	--	--	--	--	--	--
tert-Butylbenzene	8260B	--	--	--	--	--	--	--	--
Tetrachloroethene	8260B	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 UJ	0.2 U	0.2 U
Tetrahydrofuran	8260B	--	--	--	--	--	--	--	--
Toluene	8260B	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 UJ	0.17 U	0.17 U
trans-1,2-Dichloroethene	8260B	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 UJ	0.15 U	0.15 U
trans-1,3-Dichloropropene	8260B	--	--	--	--	--	--	--	--
trans-1,4-Dichloro-2-butene	8260B	--	--	--	--	--	--	--	--
Trichloroethene	8260B	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 UJ	0.16 U	0.16 U
Trichlorofluoromethane	8260B	0.29 U	0.29 U	0.29 U	0.29 U	0.29 U	0.29 UJ	0.29 U	0.29 U
Vinylacetate	8260B	--	--	--	--	--	--	--	--
Vinylchloride	8260B	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 UJ	0.1 U	0.1 U
Xylenes,Total	8260B	--	--	--	--	--	--	--	--

TABLE 12
VOLATILE ORGANIC COMPOUNDS ANALYTICAL RESULTS, 2012
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

	Well Identifier:	PZ-015G	PZ-017A	PZ-017B	PZ-017B	PZ-025	PZ-025	PZ-027
	SampleType:	Primary	Primary	Primary	Primary	Primary	Primary	Primary
	Sample Name:	PZ-015G_020812_01	PZ-017A_071112_01	PZ-017B_021612_01	PZ-017B_071112_01	PZ-025_020712_01	PZ-025_073112_01A	PZ-027_020812_01
	Groundwater Unit:	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow
	Lab Name:	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
	Collection Date:	2/8/2012	7/11/2012	2/16/2012	7/11/2012	2/7/2012	7/31/2012	2/8/2012
Analyte (µg/L)	**Method**							
1,1,1,2-Tetrachloroethane	**8260B**	4.2 U	--	--	--	--	--	--
1,1,1-Trichloroethane	**8260B**	3.2 U	0.16 U	0.32 U	0.64 U	0.16 U	0.16 UJ	0.95 J
1,1,2,2-Tetrachloroethane	**8260B**	4.2 U	--	--	--	--	--	--
1,1,2-Trichloro-1,2,2-trifluoroethane	**8260B**	--	0.42 U	0.84 U	1.7 U	0.42 U	0.42 UJ	5.6 J
1,1,2-Trichloroethane	**8260B**	5.4 U	0.27 U	0.54 U	1.1 U	0.27 U	0.27 UJ	0.27 U
1,1-Dichloroethane	**8260B**	41	0.22 U	0.44 U	0.88 U	0.22 U	0.22 UJ	7.2
1,1-Dichloroethene	**8260B**	4.6 U	0.29 J	0.46 U	0.92 U	0.23 U	0.23 UJ	5.6
1,1-Dichloropropene	**8260B**	3.8 U	--	--	--	--	--	--
1,2,3-Trichlorobenzene	**8260B**	4.2 U	--	--	--	--	--	--
1,2,3-Trichloropropane	**524.2**	--	--	--	--	--	--	--
1,2,3-Trichloropropane	**524M**	--	--	--	--	--	--	--
1,2,3-Trichloropropane	**8260B**	6.6 U	--	--	--	--	--	--
1,2,4-Trichlorobenzene	**8260B**	4.2 U	--	--	--	--	--	--
1,2,4-Trimethylbenzene	**8260B**	3 U	--	--	--	--	--	--
1,2-Dibromo-3-chloropropane	**504.1**	--	--	--	--	--	--	--
1,2-Dibromo-3-chloropropane	**8260B**	9.4 U	--	--	--	--	--	--
1,2-Dibromoethane	**504.1**	--	--	--	--	--	--	--
1,2-Dibromoethane	**8260B**	3.6 U	--	--	--	--	--	--
1,2-Dichlorobenzene	**8260B**	3 U	--	--	--	--	--	--
1,2-Dichloroethane	**8260B**	2.6 U	0.13 U	0.26 U	0.52 U	0.13 U	0.13 UJ	2.2
1,2-Dichloropropane	**8260B**	3.6 U	--	--	--	--	--	--
1,3,5-Trimethylbenzene	**8260B**	3.2 U	--	--	--	--	--	--
1,3-Dichlorobenzene	**8260B**	2.6 U	--	--	--	--	--	--
1,4-Dichlorobenzene	**8260B**	3.2 U	--	--	--	--	--	--
1,4-Dioxane	**8260B SIM**	--	--	--	--	--	--	--
2-Chloroethylvinylether	**8260B**	6.9 U	--	--	--	--	--	--
2-Hexanone	**8260B**	34 U	--	--	--	--	--	--
Acetone	**8260B**	38 U	1.9 U	3.8 UJ	7.6 U	1.9 U	1.9 UJ	1.9 U
Acetonitrile	**8260B**	--	--	--	--	--	--	--
Acrolein	**8260B**	28 U	--	--	--	--	--	--
Acrylonitrile	**8260B**	14 U	--	--	--	--	--	--
Allylchloride	**8260B**	--	--	--	--	--	--	--
Benzene	**8260B**	3.2 U	0.16 U	0.32 U	0.64 U	0.16 U	0.16 UJ	0.16 U
Bromobenzene	**8260B**	3.4 U	--	--	--	--	--	--
Bromochloromethane	**8260B**	2 U	--	--	--	--	--	--
Bromodichloromethane	**8260B**	3.4 U	--	--	--	--	--	--
Bromoform	**8260B**	3.8 U	--	--	--	--	--	--
Bromomethane	**8260B**	4.2 U	--	--	--	--	--	--
CarbonDisulfide	**8260B**	9 U	--	--	--	--	--	--
CarbonTetrachloride	**8260B**	3.8 U	0.19 U	0.38 U	0.76 U	0.19 U	0.19 UJ	0.19 U
Chlorobenzene	**8260B**	3.4 U	--	--	--	--	--	--
Chloroethane	**8260B**	8.2 U	--	--	--	--	--	--
Chloroform	**8260B**	3.2 U	0.16 U	0.32 U	0.64 U	0.16 U	0.16 UJ	1 U
Chloromethane	**8260B**	6 U	--	--	--	--	--	--
Chloroprene	**8260B**	--	--	--	--	--	--	--
cis-1,2-Dichloroethene	**8260B**	1600	370	680	1300	0.15 U	0.15 UJ	3.1
cis-1,3-Dichloropropene	**8260B**	3.2 U	--	--	--	--	--	--
Cumene	**8260B**	3.8 U	--	--	--	--	--	--
Dibromochloromethane	**8260B**	3.4 U	--	--	--	--	--	--
Dibromomethane	**8260B**	--	--	--	--	--	--	--
Dichlorodifluoromethane	**8260B**	6.2 U	--	--	--	--	--	--
Diisopropylether	**8260B**	15 U	--	--	--	--	--	--
Ethylcyanide	**8260B**	--	--	--	--	--	--	--
Ethylmethacrylate	**8260B**	--	--	--	--	--	--	--
Ethylbenzene	**8260B**	3.2 U	0.16 U	0.32 U	0.64 U	0.16 U	0.16 UJ	0.16 U
Hexachlorobutadiene	**8260B**	7.2 U	--	--	--	--	--	--
Iodomethane	**8260B**	4.6 U	--	--	--	--	--	--
Isobutanol	**8260B**	--	--	--	--	--	--	--
Isopropanol	**8260B**	--	--	--	--	--	--	--
Methacrylonitrile	**8260B**	--	--	--	--	--	--	--
Methylethylketone	**8260B**	40 U	2 U	4 U	8 U	2 U	2 UJ	2 U
Methylisobutylketone(MIBK)	**8260B**	20 U	--	--	--	--	--	--
Methylmethacrylate	**8260B**	--	--	--	--	--	--	--
Methyltert-butylether	**8260B**	5 U	--	--	--	--	--	--
Methylenechloride	**8260B**	20 U	0.32 U	0.64 U	1.3 U	0.32 U	0.32 UJ	0.32 U
m-Xylene&p-Xylene	**8260B**	6.8 U	0.34 U	0.68 U	1.4 U	0.34 U	0.34 UJ	0.34 U
n-Butylbenzene	**8260B**	6.4 U	--	--	--	--	--	--
n-Propylbenzene	**8260B**	3.2 U	--	--	--	--	--	--
o-Chlorotoluene	**8260B**	3.4 U	--	--	--	--	--	--
o-Xylene	**8260B**	3.8 U	0.19 U	0.38 U	0.76 U	0.19 U	0.19 UJ	0.19 U
p-Chlorotoluene	**8260B**	4.2 U	--	--	--	--	--	--
p-Cymene	**8260B**	4 U	--	--	--	--	--	--
sec-Butylbenzene	**8260B**	3.4 U	--	--	--	--	--	--
sec-Dichloropropane	**8260B**	3.6 U	--	--	--	--	--	--
Styrene	**8260B**	3.4 U	--	--	--	--	--	--
tert-Amylmethylether	**8260B**	28 U	--	--	--	--	--	--
tert-Butylalcohol	**8260B**	220 U	--	--	--	--	--	--
tert-Butylethylether	**8260B**	24 U	--	--	--	--	--	--
tert-Butylbenzene	**8260B**	3.2 U	--	--	--	--	--	--
Tetrachloroethene	**8260B**	4 U	0.2 U	0.4 U	0.8 U	0.2 U	0.2 UJ	0.56 J
Tetrahydrofuran	**8260B**	41 U	--	--	--	--	--	--
Toluene	**8260B**	3.4 U	0.17 U	0.34 U	0.68 U	0.17 U	0.17 UJ	0.17 U
trans-1,2-Dichloroethene	**8260B**	8.8 J	12	14	36	0.15 U	0.15 UJ	0.15 U
trans-1,3-Dichloropropene	**8260B**	3.8 U	--	--	--	--	--	--
trans-1,4-Dichloro-2-butene	**8260B**	--	--	--	--	--	--	--
Trichloroethene	**8260B**	6700	0.38 J	1.8 J	2 J	0.16 U	0.16 UJ	11
Trichlorofluoromethane	**8260B**	5.8 U	0.29 U	0.58 U	1.2 U	0.29 U	0.29 UJ	0.29 U
Vinylacetate	**8260B**	19 U	--	--	--	--	--	--
Vinylchloride	**8260B**	130	49	28	92	0.1 U	0.1 UJ	0.1 U
Xylenes,Total	**8260B**	3.8 U	--	--	--	--	--	--

TABLE 12
VOLATILE ORGANIC COMPOUNDS ANALYTICAL RESULTS, 2012
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

	Well Identifier:	PZ-027	PZ-030	PZ-030	PZ-047	PZ-047	PZ-048	PZ-048
	SampleType:	Primary	Primary	Primary	Primary	Primary	Primary	Primary
	Sample Name:	PZ-027_073012_01A	PZ-030_020812_01	PZ-030_080312_01	PZ-047_021612_01	PZ-047_071112_01	PZ-048_021612_01	PZ-048_071112_01
	Groundwater Unit:	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow
	Lab Name:	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
	Collection Date:	7/30/2012	2/8/2012	8/3/2012	2/16/2012	7/11/2012	2/16/2012	7/11/2012
Analyte (µg/L)	Method							
1,1,1,2-Tetrachloroethane	8260B	--	--	--	--	--	--	--
1,1,1-Trichloroethane	8260B	0.76 J	0.16 U	0.16 U	0.32 U	0.16 U	1.6 U	1.6 U
1,1,2,2-Tetrachloroethane	8260B	--	--	--	--	--	--	--
1,1,2-Trichloro-1,2,2-trifluoroethane	8260B	4.9 J	0.42 U	0.42 U	58	69	4.2 U	4.2 U
1,1,2-Trichloroethane	8260B	0.27 U	0.27 U	0.27 U	0.54 U	0.27 U	2.7 U	2.7 U
1,1-Dichloroethane	8260B	9.8	0.22 U	0.22 U	0.44 U	0.22 U	2.2 U	2.2 U
1,1-Dichloroethene	8260B	4	0.23 U	0.23 U	0.46 U	0.33 J	4.8 J	3.7 J
1,1-Dichloropropene	8260B	--	--	--	--	--	--	--
1,2,3-Trichlorobenzene	8260B	--	--	--	--	--	--	--
1,2,3-Trichloropropane	524.2	--	--	--	--	--	--	--
1,2,3-Trichloropropane	524M	--	--	--	--	--	--	--
1,2,3-Trichloropropane	8260B	--	--	--	--	--	--	--
1,2,4-Trichlorobenzene	8260B	--	--	--	--	--	--	--
1,2,4-Trimethylbenzene	8260B	--	--	--	--	--	--	--
1,2-Dibromo-3-chloropropane	504.1	--	--	--	--	--	--	--
1,2-Dibromo-3-chloropropane	8260B	--	--	--	--	--	--	--
1,2-Dibromoethane	504.1	--	--	--	--	--	--	--
1,2-Dibromoethane	8260B	--	--	--	--	--	--	--
1,2-Dichlorobenzene	8260B	--	--	--	--	--	--	--
1,2-Dichloroethane	8260B	3.5	0.13 U	0.13 U	0.26 U	0.13 U	1.3 U	1.3 U
1,2-Dichloropropane	8260B	--	--	--	--	--	--	--
1,3,5-Trimethylbenzene	8260B	--	--	--	--	--	--	--
1,3-Dichlorobenzene	8260B	--	--	--	--	--	--	--
1,4-Dichlorobenzene	8260B	--	--	--	--	--	--	--
1,4-Dioxane	8260B SIM	--	--	--	--	--	--	--
2-Chloroethylvinylether	8260B	--	--	--	--	--	--	--
2-Hexanone	8260B	--	--	--	--	--	--	--
Acetone	8260B	1.9 U	1.9 U	1.9 U	3.8 U	10 UJ	19 UJ	19 U
Acetonitrile	8260B	--	--	--	--	--	--	--
Acrolein	8260B	--	--	--	--	--	--	--
Acrylonitrile	8260B	--	--	--	--	--	--	--
Allylchloride	8260B	--	--	--	--	--	--	--
Benzene	8260B	0.16 U	0.16 U	0.16 U	0.32 U	0.16 U	1.6 U	1.6 U
Bromobenzene	8260B	--	--	--	--	--	--	--
Bromochloromethane	8260B	--	--	--	--	--	--	--
Bromodichloromethane	8260B	--	--	--	--	--	--	--
Bromoform	8260B	--	--	--	--	--	--	--
Bromomethane	8260B	--	--	--	--	--	--	--
CarbonDisulfide	8260B	--	--	--	--	--	--	--
CarbonTetrachloride	8260B	0.19 U	0.19 U	0.19 U	0.38 U	0.19 U	1.9 U	1.9 U
Chlorobenzene	8260B	--	--	--	--	--	--	--
Chloroethane	8260B	--	--	--	--	--	--	--
Chloroform	8260B	1 J	0.16 U	0.16 U	0.32 U	1 U	1.6 U	1.6 U
Chloromethane	8260B	--	--	--	--	--	--	--
Chloroprene	8260B	--	--	--	--	--	--	--
cis-1,2-Dichloroethene	8260B	3.8	0.15 U	0.15 U	71	77	3100	3400 J
cis-1,3-Dichloropropene	8260B	--	--	--	--	--	--	--
Cumene	8260B	--	--	--	--	--	--	--
Dibromochloromethane	8260B	--	--	--	--	--	--	--
Dibromomethane	8260B	--	--	--	--	--	--	--
Dichlorodifluoromethane	8260B	--	--	--	--	--	--	--
Diisopropylether	8260B	--	--	--	--	--	--	--
Ethylcyanide	8260B	--	--	--	--	--	--	--
Ethylmethacrylate	8260B	--	--	--	--	--	--	--
Ethylbenzene	8260B	0.16 U	0.16 U	0.16 U	0.32 U	0.16 U	1.6 U	1.6 U
Hexachlorobutadiene	8260B	--	--	--	--	--	--	--
Iodomethane	8260B	--	--	--	--	--	--	--
Isobutanol	8260B	--	--	--	--	--	--	--
Isopropanol	8260B	--	--	--	--	--	--	--
Methacrylonitrile	8260B	--	--	--	--	--	--	--
Methylethylketone	8260B	2 U	2 U	2 U	4 U	2 UJ	20 U	20 U
Methylisobutylketone(MIBK)	8260B	--	--	--	--	--	--	--
Methylmethacrylate	8260B	--	--	--	--	--	--	--
Methyltert-butylether	8260B	--	--	--	--	--	--	--
Methylenechloride	8260B	0.32 U	0.32 U	0.32 U	0.64 U	0.32 U	3.2 U	3.2 U
m-Xylene&p-Xylene	8260B	0.34 U	0.34 U	0.34 U	0.68 U	0.34 U	3.4 U	3.4 U
n-Butylbenzene	8260B	--	--	--	--	--	--	--
n-Propylbenzene	8260B	--	--	--	--	--	--	--
o-Chlorotoluene	8260B	--	--	--	--	--	--	--
o-Xylene	8260B	0.19 U	0.19 U	0.19 U	0.38 U	0.19 U	1.9 U	1.9 U
p-Chlorotoluene	8260B	--	--	--	--	--	--	--
p-Cymene	8260B	--	--	--	--	--	--	--
sec-Butylbenzene	8260B	--	--	--	--	--	--	--
sec-Dichloropropane	8260B	--	--	--	--	--	--	--
Styrene	8260B	--	--	--	--	--	--	--
tert-Amylmethylether	8260B	--	--	--	--	--	--	--
tert-Butylalcohol	8260B	--	--	--	--	--	--	--
tert-Butylethylether	8260B	--	--	--	--	--	--	--
tert-Butylbenzene	8260B	--	--	--	--	--	--	--
Tetrachloroethene	8260B	0.67 J	0.2 U	0.2 U	0.4 U	0.2 U	2 U	2 U
Tetrahydrofuran	8260B	--	--	--	--	--	--	--
Toluene	8260B	0.17 U	0.17 U	0.17 U	0.34 U	0.17 U	1.7 U	1.7 U
trans-1,2-Dichloroethene	8260B	0.15 U	0.15 U	0.15 U	2.1	2.4	190	200 J
trans-1,3-Dichloropropene	8260B	--	--	--	--	--	--	--
trans-1,4-Dichloro-2-butene	8260B	--	--	--	--	--	--	--
Trichloroethene	8260B	15	0.16 U	0.16 U	480	560	4.7 J	2.9 J
Trichlorofluoromethane	8260B	0.29 U	0.29 U	0.29 U	0.58 U	0.29 U	2.9 U	2.9 U
Vinylacetate	8260B	--	--	--	--	--	--	--
Vinylchloride	8260B	0.17 J	0.1 U	0.1 U	0.2 U	0.1 U	1200	960 J
Xylenes,Total	8260B	--	--	--	--	--	--	--

TABLE 12
VOLATILE ORGANIC COMPOUNDS ANALYTICAL RESULTS, 2012
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

	Well Identifier:	PZ-058	PZ-058	PZ-060	PZ-060	PZ-076	PZ-076	PZ-079
	SampleType:	Primary	Primary	Primary	Primary	Primary	Primary	Primary
	Sample Name:	PZ-058_021012_01A	PZ-058_072412_01A	PZ-060_011312_01	PZ-060_072612_01A	PZ-076_020112_01	PZ-076_073012_01	PZ-079_020912_01
	Groundwater Unit:	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow
	Lab Name:	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
	Collection Date:	2/10/2012	7/24/2012	1/13/2012	7/26/2012	2/1/2012	7/30/2012	2/9/2012
Analyte (µg/L)	Method							
1,1,1,2-Tetrachloroethane	8260B	--	--	0.21 U	--	--	--	--
1,1,1-Trichloroethane	8260B	--	--	0.16 U	0.16 UJ	0.16 U	0.16 U	0.16 U
1,1,2,2-Tetrachloroethane	8260B	--	--	0.21 U	--	--	--	--
1,1,2-Trichloro-1,2,2-trifluoroethane	8260B	--	--	--	0.42 UJ	0.42 U	0.42 U	0.42 U
1,1,2-Trichloroethane	8260B	--	--	0.27 U	0.27 UJ	0.27 U	0.27 U	0.27 U
1,1-Dichloroethane	8260B	--	--	0.22 U	0.22 UJ	0.22 U	0.22 U	0.22 U
1,1-Dichloroethene	8260B	--	--	0.23 U	0.23 UJ	0.23 U	0.23 U	0.23 U
1,1-Dichloropropene	8260B	--	--	--	--	--	--	--
1,2,3-Trichlorobenzene	8260B	--	--	--	--	--	--	--
1,2,3-Trichloropropane	524.2	--	--	0.0017 U	--	0.0017 U	0.0017 U	--
1,2,3-Trichloropropane	524M	--	--	--	--	--	--	--
1,2,3-Trichloropropane	8260B	--	--	--	--	--	--	--
1,2,4-Trichlorobenzene	8260B	--	--	--	--	--	--	--
1,2,4-Trimethylbenzene	8260B	--	--	--	--	--	--	--
1,2-Dibromo-3-chloropropane	504.1	--	--	0.0068 U	--	--	--	--
1,2-Dibromo-3-chloropropane	8260B	--	--	--	--	--	--	--
1,2-Dibromoethane	504.1	--	--	0.0037 U	--	--	--	--
1,2-Dibromoethane	8260B	--	--	--	--	--	--	--
1,2-Dichlorobenzene	8260B	--	--	0.15 U	--	--	--	--
1,2-Dichloroethane	8260B	--	--	0.13 U	0.13 UJ	0.13 U	0.13 U	0.13 U
1,2-Dichloropropane	8260B	--	--	0.18 U	--	--	--	--
1,3,5-Trimethylbenzene	8260B	--	--	--	--	--	--	--
1,3-Dichlorobenzene	8260B	--	--	0.13 U	--	--	--	--
1,4-Dichlorobenzene	8260B	--	--	0.16 U	--	--	--	--
1,4-Dioxane	8260B SIM	--	--	3.9	2.4	6.3	4.3	--
2-Chloroethylvinylether	8260B	--	--	--	--	--	--	--
2-Hexanone	8260B	--	--	1.7 U	--	--	--	--
Acetone	8260B	--	--	10 U	1.9 UJ	1.9 U	1.9 U	10 U
Acetonitrile	8260B	--	--	9.6 U	--	--	--	--
Acrolein	8260B	--	--	2.8 UJ	--	--	--	--
Acrylonitrile	8260B	--	--	1.4 UJ	--	--	--	--
Allylchloride	8260B	--	--	0.17 U	--	--	--	--
Benzene	8260B	--	--	0.16 U	0.16 UJ	0.16 U	0.16 U	0.16 U
Bromobenzene	8260B	--	--	--	--	--	--	--
Bromochloromethane	8260B	--	--	--	--	--	--	--
Bromodichloromethane	8260B	--	--	0.17 U	--	--	--	--
Bromoform	8260B	--	--	0.19 U	--	--	--	--
Bromomethane	8260B	--	--	0.21 U	--	--	--	--
CarbonDisulfide	8260B	--	--	0.45 U	--	--	--	--
CarbonTetrachloride	8260B	--	--	0.19 U	0.19 UJ	0.19 U	0.19 U	0.19 U
Chlorobenzene	8260B	--	--	0.17 U	--	--	--	--
Chloroethane	8260B	--	--	0.41 U	--	--	--	--
Chloroform	8260B	--	--	0.16 U	0.16 UJ	0.16 U	0.16 U	0.16 U
Chloromethane	8260B	--	--	0.3 U	--	--	--	--
Chloroprene	8260B	--	--	0.21 U	--	--	--	--
cis-1,2-Dichloroethene	8260B	--	--	17	14 J	0.17 J	0.15 U	1.6
cis-1,3-Dichloropropene	8260B	--	--	0.16 U	--	--	--	--
Cumene	8260B	--	--	--	--	--	--	--
Dibromochloromethane	8260B	--	--	0.17 U	--	--	--	--
Dibromomethane	8260B	--	--	0.17 U	--	--	--	--
Dichlorodifluoromethane	8260B	--	--	0.31 U	--	--	--	--
Diisopropylether	8260B	--	--	--	--	--	--	--
Ethylcyanide	8260B	--	--	3.7 U	--	--	--	--
Ethylmethacrylate	8260B	--	--	0.86 U	--	--	--	--
Ethylbenzene	8260B	--	--	0.16 U	0.16 UJ	0.16 U	0.16 U	0.16 U
Hexachlorobutadiene	8260B	--	--	--	--	--	--	--
Iodomethane	8260B	--	--	0.23 U	--	--	--	--
Isobutanol	8260B	--	--	37 U	--	--	--	--
Isopropanol	8260B	--	--	--	--	--	--	--
Methacrylonitrile	8260B	--	--	1.6 U	--	--	--	--
Methylethylketone	8260B	--	--	2 U	2 UJ	2 U	2 U	2 U
Methylisobutylketone(MIBK)	8260B	--	--	0.98 U	--	--	--	--
Methylmethacrylate	8260B	--	--	1.1 U	--	--	--	--
Methyltert-butylether	8260B	0.25 U	0.25 U	--	--	--	--	--
Methylenechloride	8260B	--	--	5 U	0.32 UJ	0.32 U	0.32 U	5 U
m-Xylene&p-Xylene	8260B	--	--	0.34 U	0.34 UJ	0.34 U	0.34 U	0.34 U
n-Butylbenzene	8260B	--	--	--	--	--	--	--
n-Propylbenzene	8260B	--	--	--	--	--	--	--
o-Chlorotoluene	8260B	--	--	--	--	--	--	--
o-Xylene	8260B	--	--	0.19 U	0.19 UJ	0.19 U	0.19 U	0.19 U
p-Chlorotoluene	8260B	--	--	--	--	--	--	--
p-Cymene	8260B	--	--	--	--	--	--	--
sec-Butylbenzene	8260B	--	--	--	--	--	--	--
sec-Dichloropropane	8260B	--	--	--	--	--	--	--
Styrene	8260B	--	--	0.17 U	--	--	--	--
tert-Amylmethylether	8260B	--	--	--	--	--	--	--
tert-Butylalcohol	8260B	11 U	11 U	--	--	--	--	--
tert-Butylethylether	8260B	--	--	--	--	--	--	--
tert-Butylbenzene	8260B	--	--	--	--	--	--	--
Tetrachloroethene	8260B	--	--	0.2 U	0.2 UJ	0.2 U	0.2 U	0.2 U
Tetrahydrofuran	8260B	--	--	--	--	--	--	--
Toluene	8260B	--	--	0.17 U	0.17 UJ	0.17 U	0.17 U	0.17 U
trans-1,2-Dichloroethene	8260B	--	--	0.91 J	0.66 J	0.15 U	0.15 U	0.35 J
trans-1,3-Dichloropropene	8260B	--	--	0.19 U	--	--	--	--
trans-1,4-Dichloro-2-butene	8260B	--	--	0.8 U	--	--	--	--
Trichloroethene	8260B	--	--	0.5 J	0.19 J	9.5	4.7	0.31 J
Trichlorofluoromethane	8260B	--	--	0.29 U	0.29 UJ	0.29 U	0.29 U	0.29 U
Vinylacetate	8260B	--	--	0.94 U	--	--	--	--
Vinylchloride	8260B	--	--	0.1 U	0.39 J	0.1 U	0.1 U	0.1 U
Xylenes,Total	8260B	--	--	--	--	--	--	--

TABLE 12
VOLATILE ORGANIC COMPOUNDS ANALYTICAL RESULTS, 2012
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

	Well Identifier:	PZ-079	PZ-084	PZ-084	PZ-108	PZ-126	PZ-126	PZ-139
	SampleType:	Primary	Primary	Primary	Primary	Primary	Primary	Primary
	Sample Name:	PZ-079_073012_01	PZ-084_020312_01	PZ-084_071712_01A	PZ-108_013112_01	PZ-126_021612_01	PZ-126_071112_01	PZ-139_013012_01A
	Groundwater Unit:	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow
	Lab Name:	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
	Collection Date:	7/30/2012	2/3/2012	7/17/2012	1/31/2012	2/16/2012	7/11/2012	1/30/2012
Analyte (µg/L)	Method							
1,1,1,2-Tetrachloroethane	8260B	--	--	--	--	--	--	0.21 U
1,1,1-Trichloroethane	8260B	0.16 U	--	--	0.16 U	0.16 U	0.16 U	0.16 U
1,1,2,2-Tetrachloroethane	8260B	--	--	--	--	--	--	0.21 U
1,1,2-Trichloro-1,2,2-trifluoroethane	8260B	0.42 U	--	--	0.42 U	0.42 U	0.42 U	--
1,1,2-Trichloroethane	8260B	0.27 U	--	--	0.27 U	0.27 U	0.27 U	0.27 U
1,1-Dichloroethane	8260B	0.22 U	--	--	0.22 U	0.23 J	0.22 J	0.22 U
1,1-Dichloroethene	8260B	0.23 U	--	--	0.23 U	0.23 U	0.23 U	0.94 J
1,1-Dichloropropene	8260B	--	--	--	--	--	--	0.19 U
1,2,3-Trichlorobenzene	8260B	--	--	--	--	--	--	0.21 U
1,2,3-Trichloropropane	524.2	--	--	--	--	--	--	--
1,2,3-Trichloropropane	524M	--	--	--	--	--	--	--
1,2,3-Trichloropropane	8260B	--	--	--	--	--	--	0.33 U
1,2,4-Trichlorobenzene	8260B	--	--	--	--	--	--	0.21 U
1,2,4-Trimethylbenzene	8260B	--	--	--	--	--	--	0.15 U
1,2-Dibromo-3-chloropropane	504.1	--	--	--	--	--	--	--
1,2-Dibromo-3-chloropropane	8260B	--	--	--	--	--	--	0.47 U
1,2-Dibromoethane	504.1	--	--	--	--	--	--	--
1,2-Dibromoethane	8260B	--	--	--	--	--	--	0.18 U
1,2-Dichlorobenzene	8260B	--	--	--	--	--	--	0.15 U
1,2-Dichloroethane	8260B	0.13 U	--	--	0.13 U	0.13 U	0.13 U	0.13 U
1,2-Dichloropropane	8260B	--	--	--	--	--	--	0.18 U
1,3,5-Trimethylbenzene	8260B	--	--	--	--	--	--	0.16 U
1,3-Dichlorobenzene	8260B	--	--	--	--	--	--	0.13 U
1,4-Dichlorobenzene	8260B	--	--	--	--	--	--	0.16 U
1,4-Dioxane	8260B SIM	--	--	--	--	--	--	0.64 U
2-Chloroethylvinylether	8260B	--	--	--	--	--	--	0.69 U
2-Hexanone	8260B	--	--	--	--	--	--	1.7 U
Acetone	8260B	1.9 U	--	--	1.9 U	1.9 U	1.9 U	10 U
Acetonitrile	8260B	--	--	--	--	--	--	--
Acrolein	8260B	--	--	--	--	--	--	2.8 U
Acrylonitrile	8260B	--	--	--	--	--	--	1.4 U
Allylchloride	8260B	--	--	--	--	--	--	--
Benzene	8260B	0.16 U	--	--	0.16 U	0.16 U	0.16 U	0.16 U
Bromobenzene	8260B	--	--	--	--	--	--	0.17 U
Bromochloromethane	8260B	--	--	--	--	--	--	0.1 U
Bromodichloromethane	8260B	--	--	--	--	--	--	0.17 U
Bromoform	8260B	--	--	--	--	--	--	0.19 U
Bromomethane	8260B	--	--	--	--	--	--	0.21 U
CarbonDisulfide	8260B	--	--	--	--	--	--	0.45 U
CarbonTetrachloride	8260B	0.19 U	--	--	0.19 U	0.19 U	0.19 U	0.19 U
Chlorobenzene	8260B	--	--	--	--	--	--	0.17 U
Chloroethane	8260B	--	--	--	--	--	--	0.41 U
Chloroform	8260B	0.16 U	--	--	0.16 U	0.16 U	0.16 U	0.16 U
Chloromethane	8260B	--	--	--	--	--	--	0.3 U
Chloroprene	8260B	--	--	--	--	--	--	--
cis-1,2-Dichloroethene	8260B	11	--	--	6.1	19	21	12
cis-1,3-Dichloropropene	8260B	--	--	--	--	--	--	0.16 U
Cumene	8260B	--	--	--	--	--	--	0.19 U
Dibromochloromethane	8260B	--	--	--	--	--	--	0.17 U
Dibromomethane	8260B	--	--	--	--	--	--	--
Dichlorodifluoromethane	8260B	--	--	--	--	--	--	0.31 U
Diisopropylether	8260B	--	--	--	--	--	--	0.74 U
Ethylcyanide	8260B	--	--	--	--	--	--	--
Ethylmethacrylate	8260B	--	--	--	--	--	--	--
Ethylbenzene	8260B	0.16 U	--	--	0.16 U	0.16 U	0.16 U	0.16 U
Hexachlorobutadiene	8260B	--	--	--	--	--	--	0.36 U
Iodomethane	8260B	--	--	--	--	--	--	0.23 U
Isobutanol	8260B	--	--	--	--	--	--	--
Isopropanol	8260B	--	--	--	--	--	--	--
Methacrylonitrile	8260B	--	--	--	--	--	--	--
Methylethylketone	8260B	2 U	--	--	2 U	2 U	2 U	2 U
Methylisobutylketone(MIBK)	8260B	--	--	--	--	--	--	0.98 U
Methylmethacrylate	8260B	--	--	--	--	--	--	--
Methyltert-butylether	8260B	--	1 U	0.25 U	--	--	--	0.25 U
Methylenechloride	8260B	0.32 U	--	--	0.32 U	0.32 U	0.32 U	1 U
m-Xylene&p-Xylene	8260B	0.34 U	--	--	0.34 U	0.34 U	0.34 U	0.34 U
n-Butylbenzene	8260B	--	--	--	--	--	--	0.32 U
n-Propylbenzene	8260B	--	--	--	--	--	--	0.16 U
o-Chlorotoluene	8260B	--	--	--	--	--	--	0.17 U
o-Xylene	8260B	0.19 U	--	--	0.19 U	0.19 U	0.19 U	0.19 U
p-Chlorotoluene	8260B	--	--	--	--	--	--	0.21 U
p-Cymene	8260B	--	--	--	--	--	--	0.2 U
sec-Butylbenzene	8260B	--	--	--	--	--	--	0.17 U
sec-Dichloropropane	8260B	--	--	--	--	--	--	0.18 U
Styrene	8260B	--	--	--	--	--	--	0.17 U
tert-Amylmethylether	8260B	--	--	--	--	--	--	1.4 U
tert-Butylalcohol	8260B	--	44 U	11 U	--	--	--	11 U
tert-Butylethylether	8260B	--	--	--	--	--	--	1.2 U
tert-Butylbenzene	8260B	--	--	--	--	--	--	0.16 U
Tetrachloroethene	8260B	0.2 U	--	--	0.2 U	0.2 U	0.2 U	0.2 U
Tetrahydrofuran	8260B	--	--	--	--	--	--	2 U
Toluene	8260B	0.17 U	--	--	0.17 U	0.17 U	0.17 U	0.17 U
trans-1,2-Dichloroethene	8260B	2.5	--	--	0.15 U	21	30	0.8 J
trans-1,3-Dichloropropene	8260B	--	--	--	--	--	--	0.19 U
trans-1,4-Dichloro-2-butene	8260B	--	--	--	--	--	--	--
Trichloroethene	8260B	1.4	--	--	75	9.2	5.8	230
Trichlorofluoromethane	8260B	0.29 U	--	--	0.29 U	0.29 U	0.29 U	0.29 U
Vinylacetate	8260B	--	--	--	--	--	--	0.94 U
Vinylchloride	8260B	0.1 U	--	--	0.1 U	0.1 U	0.68 J	0.1 U
Xylenes,Total	8260B	--	--	--	--	--	--	0.19 U

TABLE 12
VOLATILE ORGANIC COMPOUNDS ANALYTICAL RESULTS, 2012
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

	Well Identifier:	PZ-139	PZ-139	PZ-140	PZ-140	PZ-140	PZ-140	PZ-141
	SampleType:	Primary	Split	Primary	Split	Primary	Field Duplicate	Primary
	Sample Name:	PZ-139_071812_01A	PZ-139_071812_03A	PZ-140_013012_01	PZ-140_013012_03	PZ-140_071912_01	PZ-140_071912_36	PZ-141_011212_01
	Groundwater Unit:	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow
	Lab Name:	TA- Denver	TA- Irvine	TA- Denver	TA- Irvine	TA- Denver	TA- Denver	TA- Denver
	Collection Date:	7/18/2012	7/18/2012	1/30/2012	1/30/2012	7/19/2012	7/19/2012	1/12/2012
Analyte (µg/L)	**Method**							
1,1,1,2-Tetrachloroethane	**8260B**	0.21 U	1.4 UJ	0.21 U	0.27 U	0.21 U	0.21 U	0.21 U
1,1,1-Trichloroethane	**8260B**	0.16 U	1.5 U	0.16 U	0.3 U	0.16 U	0.16 U	0.16 U
1,1,2,2-Tetrachloroethane	**8260B**	0.21 U	1.5 U	0.21 U	0.3 U	0.21 U	0.21 U	0.21 U
1,1,2-Trichloro-1,2,2-trifluoroethane	**8260B**	--	--	--	--	--	--	--
1,1,2-Trichloroethane	**8260B**	0.27 U	1.5 U	0.27 U	0.3 U	0.27 U	0.27 U	0.27 U
1,1-Dichloroethane	**8260B**	0.22 U	2 U	0.22 U	0.4 U	0.22 U	0.22 U	0.22 U
1,1-Dichloroethene	**8260B**	0.59 J	2.1 U	0.23 U	0.42 U	0.23 U	0.23 U	0.23 U
1,1-Dichloropropene	**8260B**	0.19 U	1.4 U	0.19 U	0.28 U	0.19 U	0.19 U	0.19 U
1,2,3-Trichlorobenzene	**8260B**	0.21 U	1.5 U	0.21 U	0.3 U	0.21 U	0.21 U	0.21 U
1,2,3-Trichloropropane	**524.2**	--	--	--	--	--	--	--
1,2,3-Trichloropropane	**524M**	--	--	--	--	--	--	--
1,2,3-Trichloropropane	**8260B**	0.33 U	2 U	0.33 U	0.4 U	0.33 U	0.33 U	0.33 U
1,2,4-Trichlorobenzene	**8260B**	0.21 U	2.4 U	0.21 U	0.48 U	0.21 U	0.21 U	0.21 U
1,2,4-Trimethylbenzene	**8260B**	0.15 U	1.2 U	0.15 U	0.23 U	0.15 U	0.15 U	0.15 U
1,2-Dibromo-3-chloropropane	**504.1**	--	--	--	--	--	--	--
1,2-Dibromo-3-chloropropane	**8260B**	0.47 U	4.9 U	0.47 U	0.97 U	0.47 U	0.47 U	0.47 U
1,2-Dibromoethane	**504.1**	--	--	--	--	--	--	--
1,2-Dibromoethane	**8260B**	0.18 U	2 U	0.18 U	0.4 U	0.18 U	0.18 U	0.18 U
1,2-Dichlorobenzene	**8260B**	0.15 U	1.6 U	0.15 U	0.32 U	0.15 U	0.15 U	0.15 U
1,2-Dichloroethane	**8260B**	0.13 U	1.4 UJ	0.13 U	0.28 U	0.13 U	0.13 U	0.13 U
1,2-Dichloropropane	**8260B**	0.18 U	1.8 U	0.18 U	0.35 U	0.18 U	0.18 U	0.18 U
1,3,5-Trimethylbenzene	**8260B**	0.16 U	1.3 U	0.16 U	0.26 U	0.16 U	0.16 U	0.16 U
1,3-Dichlorobenzene	**8260B**	0.13 U	1.8 U	0.13 U	0.35 U	0.13 U	0.13 U	0.13 U
1,4-Dichlorobenzene	**8260B**	0.16 U	1.9 U	0.16 U	0.37 U	0.16 U	0.16 U	0.16 U
1,4-Dioxane	**8260B SIM**	0.22 U	1 U	0.64 U	1 U	0.22 U	0.22 U	0.64 U
2-Chloroethylvinylether	**8260B**	0.69 U	9 UJ	0.69 U	1.8 U	0.69 U	0.69 U	0.69 U
2-Hexanone	**8260B**	1.7 U	13 U	1.7 U	2.6 U	1.7 U	1.7 U	1.7 U
Acetone	**8260B**	1.9 U	23 U	10 U	4.5 U	1.9 U	1.9 U	1.9 U
Acetonitrile	**8260B**	--	--	--	--	--	--	--
Acrolein	**8260B**	2.8 UJ	20 U	2.8 U	4 U	2.8 U	2.8 U	2.8 U
Acrylonitrile	**8260B**	1.4 UJ	6 U	1.4 U	1.2 U	1.4 U	1.4 U	1.4 U
Allylchloride	**8260B**	--	--	--	--	--	--	--
Benzene	**8260B**	0.28 J	1.4 U	0.52	0.51	0.51	0.36 J	0.16 U
Bromobenzene	**8260B**	0.17 U	1.4 U	0.17 U	0.27 U	0.17 U	0.17 U	0.17 U
Bromochloromethane	**8260B**	0.1 U	2 U	0.1 U	0.4 U	0.1 U	0.1 U	0.1 U
Bromodichloromethane	**8260B**	0.17 U	1.5 UJ	0.17 U	0.3 U	0.17 U	0.17 U	0.17 U
Bromoform	**8260B**	0.19 U	2 UJ	0.19 U	0.4 U	0.19 U	0.19 U	0.19 U
Bromomethane	**8260B**	0.21 U	2.1 U	0.21 U	0.42 U	0.21 U	0.21 U	0.21 U
CarbonDisulfide	**8260B**	0.45 U	2.4 U	0.45 U	0.48 U	0.45 U	0.45 U	0.45 U
CarbonTetrachloride	**8260B**	0.19 U	1.4 UJ	0.19 U	0.28 U	0.19 U	0.19 U	0.19 U
Chlorobenzene	**8260B**	0.17 U	1.8 U	0.17 U	0.36 U	0.17 U	0.17 U	0.17 U
Chloroethane	**8260B**	0.41 U	2 U	0.41 U	0.4 U	0.41 U	0.41 U	0.41 U
Chloroform	**8260B**	0.16 U	1.7 U	0.16 U	0.33 U	0.16 U	0.16 U	0.27 J
Chloromethane	**8260B**	0.3 U	2 U	0.3 U	0.4 U	0.3 U	0.3 U	0.3 U
Chloroprene	**8260B**	--	--	--	--	--	--	--
cis-1,2-Dichloroethene	**8260B**	10	12	11	11	10	8.7	69 J
cis-1,3-Dichloropropene	**8260B**	0.16 U	1.1 U	0.16 U	0.22 U	0.16 U	0.16 U	0.16 U
Cumene	**8260B**	0.19 U	1.3 U	0.19 U	0.25 U	0.19 U	0.19 U	0.19 U
Dibromochloromethane	**8260B**	0.17 U	2 UJ	0.17 U	0.4 U	0.17 U	0.17 U	0.17 U
Dibromomethane	**8260B**	--	--	--	--	--	--	--
Dichlorodifluoromethane	**8260B**	0.31 U	1.3 U	0.31 U	0.26 U	0.31 U	0.31 U	0.31 U
Diisopropylether	**8260B**	0.74 U	1.3 U	0.74 U	0.25 U	0.74 U	0.74 U	0.74 U
Ethylcyanide	**8260B**	--	--	--	--	--	--	--
Ethylmethacrylate	**8260B**	--	--	--	--	--	--	--
Ethylbenzene	**8260B**	0.16 U	1.3 U	0.16 U	0.25 U	0.16 U	0.16 U	0.16 U
Hexachlorobutadiene	**8260B**	0.36 U	1.9 U	0.36 U	0.38 U	0.36 U	0.36 U	0.36 U
Iodomethane	**8260B**	0.23 U	5 U	0.23 U	1 U	0.23 U	0.23 U	0.23 U
Isobutanol	**8260B**	--	--	--	--	--	--	--
Isopropanol	**8260B**	--	--	--	--	--	--	--
Methacrylonitrile	**8260B**	--	--	--	--	--	--	--
Methylethylketone	**8260B**	2 U	24 U	2 U	4.7 U	2 U	2 U	2 U
Methylisobutylketone(MIBK)	**8260B**	0.98 U	18 U	0.98 U	3.5 U	0.98 U	0.98 U	0.98 U
Methylmethacrylate	**8260B**	--	--	--	--	--	--	--
Methyltert-butylether	**8260B**	0.25 U	1.6 U	0.25 U	0.32 U	0.25 U	0.25 U	0.25 U
Methylenechloride	**8260B**	1 U	4.8 U	1 U	0.95 U	1 U	1 U	0.32 U
m-Xylene&p-Xylene	**8260B**	0.34 U	3 U	0.34 U	0.6 U	0.34 U	0.34 U	0.34 U
n-Butylbenzene	**8260B**	0.32 U	1.9 U	0.32 U	0.37 U	0.32 U	0.32 U	0.32 U
n-Propylbenzene	**8260B**	0.16 U	1.4 U	0.16 U	0.27 U	0.16 U	0.16 U	0.16 U
o-Chlorotoluene	**8260B**	0.17 U	1.4 U	0.17 U	0.28 U	0.17 U	0.17 U	0.17 U
o-Xylene	**8260B**	0.19 U	1.5 U	0.19 U	0.3 U	0.19 U	0.19 U	0.19 U
p-Chlorotoluene	**8260B**	0.21 U	1.5 U	0.21 U	0.29 U	0.21 U	0.21 U	0.21 U
p-Cymene	**8260B**	0.2 U	1.4 U	0.2 U	0.28 U	0.2 U	0.2 U	0.2 U
sec-Butylbenzene	**8260B**	0.17 U	1.3 U	0.17 U	0.25 U	0.17 U	0.17 U	0.17 U
sec-Dichloropropane	**8260B**	0.18 U	1.7 U	0.18 U	0.34 U	0.18 U	0.18 U	0.18 U
Styrene	**8260B**	0.17 U	1 U	0.17 U	0.2 U	0.17 U	0.17 U	0.17 U
tert-Amylmethylether	**8260B**	1.4 U	1.7 U	1.4 U	0.33 U	1.4 U	1.4 U	1.4 U
tert-Butylalcohol	**8260B**	11 U	33 U	11 U	6.5 U	11 U	11 U	11 U
tert-Butylethylether	**8260B**	1.2 U	1.4 U	1.2 U	0.28 U	1.2 U	1.2 U	1.2 U
tert-Butylbenzene	**8260B**	0.16 U	1.1 U	0.16 U	0.22 U	0.16 U	0.16 U	0.16 U
Tetrachloroethene	**8260B**	0.2 U	1.6 U	0.2 U	0.32 U	0.2 U	0.2 U	0.2 U
Tetrahydrofuran	**8260B**	2 UJ	18 UJ	2 U	3.5 U	2 U	2 U	2 U
Toluene	**8260B**	0.53 J	1.8 U	0.17 U	0.36 U	0.17 U	0.17 U	0.17 U
trans-1,2-Dichloroethene	**8260B**	0.63 J	1.5 U	0.15 U	0.3 U	0.15 U	0.15 U	1.2
trans-1,3-Dichloropropene	**8260B**	0.19 U	1.6 U	0.19 U	0.32 U	0.19 U	0.19 U	0.19 U
trans-1,4-Dichloro-2-butene	**8260B**	--	--	--	--	--	--	--
Trichloroethene	**8260B**	170 J	290 J	140	140	86	96	82
Trichlorofluoromethane	**8260B**	0.29 U	1.7 U	0.29 U	0.34 U	0.29 U	0.29 U	0.29 U
Vinylacetate	**8260B**	0.94 UJ	5 UJ	0.94 U	1 U	0.94 U	0.94 U	0.94 U
Vinylchloride	**8260B**	0.1 U	2 U	0.1 U	0.4 U	0.1 U	0.1 U	0.1 U
Xylenes,Total	**8260B**	0.19 U	4.5 U	0.19 U	0.9 U	0.19 U	0.19 U	0.19 U

TABLE 12
VOLATILE ORGANIC COMPOUNDS ANALYTICAL RESULTS, 2012
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

	Well Identifier:	PZ-141	PZ-141	PZ-144	PZ-158	PZ-159	PZ-159	RD-01
	SampleType:	Field Duplicate	Primary	Primary	Primary	Primary	Primary	Primary
	Sample Name:	PZ-141_011212_36	PZ-141_071912_01A	PZ-144_080212_01A	PZ-158_012012_01A	PZ-159_020712_01	PZ-159_072512_01A	RD-01_013112_01
	Groundwater Unit:	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	Chatsworth
	Lab Name:	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
	Collection Date:	1/12/2012	7/19/2012	8/2/2012	1/20/2012	2/7/2012	7/25/2012	1/31/2012
Analyte (µg/L)	**Method**							
1,1,1,2-Tetrachloroethane	**8260B**	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U	--
1,1,1-Trichloroethane	**8260B**	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.32 U
1,1,2,2-Tetrachloroethane	**8260B**	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U	--
1,1,2-Trichloro-1,2,2-trifluoroethane	**8260B**	--	--	--	--	--	--	0.84 U
1,1,2-Trichloroethane	**8260B**	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.54 U
1,1-Dichloroethane	**8260B**	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.44 U
1,1-Dichloroethene	**8260B**	0.23 U	0.23 U	0.23 U	0.23 U	0.23 U	0.23 U	3.7
1,1-Dichloropropene	**8260B**	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	--
1,2,3-Trichlorobenzene	**8260B**	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U	--
1,2,3-Trichloropropane	**524.2**	--	--	--	--	--	--	--
1,2,3-Trichloropropane	**524M**	--	--	--	--	--	--	--
1,2,3-Trichloropropane	**8260B**	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	--
1,2,4-Trichlorobenzene	**8260B**	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U	--
1,2,4-Trimethylbenzene	**8260B**	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	--
1,2-Dibromo-3-chloropropane	**504.1**	--	--	--	--	--	--	--
1,2-Dibromo-3-chloropropane	**8260B**	0.47 U	0.47 U	0.47 U	0.47 U	0.47 U	0.47 U	--
1,2-Dibromoethane	**504.1**	--	--	--	--	--	--	--
1,2-Dibromoethane	**8260B**	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	--
1,2-Dichlorobenzene	**8260B**	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	--
1,2-Dichloroethane	**8260B**	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.26 U
1,2-Dichloropropane	**8260B**	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	--
1,3,5-Trimethylbenzene	**8260B**	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	--
1,3-Dichlorobenzene	**8260B**	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	--
1,4-Dichlorobenzene	**8260B**	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	--
1,4-Dioxane	**8260B SIM**	0.64 U	0.22 U	0.22 U	0.64 U	--	--	1.9 J
2-Chloroethylvinylether	**8260B**	0.69 U	0.69 U	0.69 UJ	0.69 U	0.69 U	0.69 U	--
2-Hexanone	**8260B**	1.7 U	1.7 U	1.7 U	1.7 U	1.7 U	1.7 U	--
Acetone	**8260B**	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	3.8 U
Acetonitrile	**8260B**	--	--	--	--	--	--	--
Acrolein	**8260B**	2.8 U	2.8 U	2.8 UJ	2.8 U	2.8 U	2.8 U	--
Acrylonitrile	**8260B**	1.4 U	1.4 U	1.4 UJ	1.4 U	1.4 U	1.4 U	--
Allylchloride	**8260B**	--	--	--	--	--	--	--
Benzene	**8260B**	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.32 U
Bromobenzene	**8260B**	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	--
Bromochloromethane	**8260B**	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	--
Bromodichloromethane	**8260B**	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	--
Bromoform	**8260B**	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	--
Bromomethane	**8260B**	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U	--
CarbonDisulfide	**8260B**	0.45 U	0.45 U	0.45 U	0.45 U	0.45 U	0.45 U	--
CarbonTetrachloride	**8260B**	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.38 U
Chlorobenzene	**8260B**	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	--
Chloroethane	**8260B**	0.41 U	0.41 U	0.41 U	0.41 U	0.41 U	0.41 U	--
Chloroform	**8260B**	1 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.32 U
Chloromethane	**8260B**	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	--
Chloroprene	**8260B**	--	--	--	--	--	--	--
cis-1,2-Dichloroethene	**8260B**	37 J	57 J	0.15 U	0.15 U	0.15 U	0.15 U	970
cis-1,3-Dichloropropene	**8260B**	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	--
Cumene	**8260B**	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	--
Dibromochloromethane	**8260B**	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	--
Dibromomethane	**8260B**	--	--	--	--	--	--	--
Dichlorodifluoromethane	**8260B**	0.31 U	0.31 U	0.31 U	0.31 U	0.31 U	0.31 U	--
Diisopropylether	**8260B**	0.74 U	0.74 U	0.74 U	0.74 U	0.74 U	0.74 U	--
Ethylcyanide	**8260B**	--	--	--	--	--	--	--
Ethylmethacrylate	**8260B**	--	--	--	--	--	--	--
Ethylbenzene	**8260B**	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.32 U
Hexachlorobutadiene	**8260B**	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U	--
Iodomethane	**8260B**	0.23 U	0.23 U	0.23 U	0.23 U	0.23 U	0.23 U	--
Isobutanol	**8260B**	--	--	--	--	--	--	--
Isopropanol	**8260B**	--	--	--	--	--	--	--
Methacrylonitrile	**8260B**	--	--	--	--	--	--	--
Methylethylketone	**8260B**	2 U	2 U	2 U	2 U	2 U	2 U	4 U
Methylisobutylketone(MIBK)	**8260B**	0.98 UJ	0.98 U	0.98 U	0.98 U	0.98 U	0.98 U	--
Methylmethacrylate	**8260B**	--	--	--	--	--	--	--
Methyltert-butylether	**8260B**	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	--
Methylenechloride	**8260B**	1 U	1 U	1 U	1 U	1 U	0.32 U	10 U
m-Xylene&p-Xylene	**8260B**	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.68 U
n-Butylbenzene	**8260B**	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	--
n-Propylbenzene	**8260B**	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	--
o-Chlorotoluene	**8260B**	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	--
o-Xylene	**8260B**	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.38 U
p-Chlorotoluene	**8260B**	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U	--
p-Cymene	**8260B**	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--
sec-Butylbenzene	**8260B**	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	--
sec-Dichloropropane	**8260B**	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	--
Styrene	**8260B**	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	--
tert-Amylmethylether	**8260B**	1.4 U	1.4 U	1.4 U	1.4 U	1.4 U	1.4 U	--
tert-Butylalcohol	**8260B**	11 U	11 U	11 U	11 U	11 U	11 U	--
tert-Butylethylether	**8260B**	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	--
tert-Butylbenzene	**8260B**	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	--
Tetrachloroethene	**8260B**	0.2 U	0.2 U	0.2 U	0.3 J	0.2 U	0.2 U	0.4 U
Tetrahydrofuran	**8260B**	2 U	2 U	2 U	2 U	2 U	2 U	--
Toluene	**8260B**	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.34 U
trans-1,2-Dichloroethene	**8260B**	0.46 J	1.6	0.15 U	0.15 U	0.15 U	0.15 U	28
trans-1,3-Dichloropropene	**8260B**	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	--
trans-1,4-Dichloro-2-butene	**8260B**	--	--	--	--	--	--	--
Trichloroethene	**8260B**	92 J	55 J	0.16 U	0.19 J	0.16 U	0.16 U	820
Trichlorofluoromethane	**8260B**	0.29 U	0.29 U	0.29 U	0.29 U	0.29 U	0.29 U	0.58 U
Vinylacetate	**8260B**	0.94 UJ	0.94 U	0.94 U	0.94 U	0.94 U	0.94 U	--
Vinylchloride	**8260B**	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	19
Xylenes,Total	**8260B**	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	--

TABLE 12
VOLATILE ORGANIC COMPOUNDS ANALYTICAL RESULTS, 2012
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

	Well Identifier:	RD-01	RD-02	RD-02	RD-03	RD-03	RD-04	RD-05A
	SampleType:	Primary	Primary	Primary	Primary	Primary	Primary	Primary
	Sample Name:	RD-01_071712_01	RD-02_020212_01	RD-02_071712_01	RD-03_011312_01	RD-03_072012_01	RD-04_091012_01	RD-05A_012512_01
	Groundwater Unit:	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth
	Lab Name:	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
	Collection Date:	7/17/2012	2/2/2012	7/17/2012	1/13/2012	7/20/2012	9/10/2012	1/25/2012
Analyte (µg/L)	Method							
1,1,1,2-Tetrachloroethane	8260B	--	--	--	--	--	--	--
1,1,1-Trichloroethane	8260B	0.64 U	0.8 U	0.64 U	0.16 U	0.16 U	--	0.16 U
1,1,2,2-Tetrachloroethane	8260B	--	--	--	--	--	--	--
1,1,2-Trichloro-1,2,2-trifluoroethane	8260B	1.7 U	2.1 U	1.7 U	0.42 U	0.42 U	--	0.42 U
1,1,2-Trichloroethane	8260B	1.1 U	1.4 U	1.1 U	0.27 U	0.27 U	--	0.27 U
1,1-Dichloroethane	8260B	0.88 U	1.1 U	0.88 U	0.22 U	0.22 U	--	0.22 U
1,1-Dichloroethene	8260B	3.6 J	3.9 J	4.8	0.23 U	0.23 U	--	0.23 U
1,1-Dichloropropene	8260B	--	--	--	--	--	--	--
1,2,3-Trichlorobenzene	8260B	--	--	--	--	--	--	--
1,2,3-Trichloropropane	524.2	--	--	--	0.0017 U	0.0017 U	--	--
1,2,3-Trichloropropane	524M	--	--	--	--	--	--	--
1,2,3-Trichloropropane	8260B	--	--	--	--	--	--	--
1,2,4-Trichlorobenzene	8260B	--	--	--	--	--	--	--
1,2,4-Trimethylbenzene	8260B	--	--	--	--	--	--	--
1,2-Dibromo-3-chloropropane	504.1	--	--	--	--	--	--	--
1,2-Dibromo-3-chloropropane	8260B	--	--	--	--	--	--	--
1,2-Dibromoethane	504.1	--	--	--	--	--	--	--
1,2-Dibromoethane	8260B	--	--	--	--	--	--	--
1,2-Dichlorobenzene	8260B	--	--	--	--	--	--	--
1,2-Dichloroethane	8260B	0.52 U	0.65 U	0.52 U	0.13 U	0.13 U	--	0.13 U
1,2-Dichloropropane	8260B	--	--	--	--	--	--	--
1,3,5-Trimethylbenzene	8260B	--	--	--	--	--	--	--
1,3-Dichlorobenzene	8260B	--	--	--	--	--	--	--
1,4-Dichlorobenzene	8260B	--	--	--	--	--	--	--
1,4-Dioxane	8260B SIM	1.8 J	1 J	1.1 J	0.64 U	0.22 U	--	0.64 U
2-Chloroethylvinylether	8260B	--	--	--	--	--	--	--
2-Hexanone	8260B	--	--	--	--	--	--	--
Acetone	8260B	7.6 U	50 U	40 U	10 U	1.9 U	--	1.9 U
Acetonitrile	8260B	--	--	--	--	--	--	--
Acrolein	8260B	--	--	--	--	--	--	--
Acrylonitrile	8260B	--	--	--	--	--	--	--
Allylchloride	8260B	--	--	--	--	--	--	--
Benzene	8260B	0.64 U	0.8 U	0.64 U	0.16 U	0.16 U	--	0.16 U
Bromobenzene	8260B	--	--	--	--	--	--	--
Bromochloromethane	8260B	--	--	--	--	--	--	--
Bromodichloromethane	8260B	--	--	--	--	--	--	--
Bromoform	8260B	--	--	--	--	--	--	--
Bromomethane	8260B	--	--	--	--	--	--	--
CarbonDisulfide	8260B	--	--	--	--	--	--	--
CarbonTetrachloride	8260B	0.76 U	0.95 U	0.76 U	0.19 U	0.19 U	--	0.19 U
Chlorobenzene	8260B	--	--	--	--	--	--	--
Chloroethane	8260B	--	--	--	--	--	--	--
Chloroform	8260B	0.64 U	0.8 U	0.64 U	0.16 U	0.16 U	--	0.16 U
Chloromethane	8260B	--	--	--	--	--	--	--
Chloroprene	8260B	--	--	--	--	--	--	--
cis-1,2-Dichloroethene	8260B	1000	1100 J	1100 J	0.15 U	0.15 U	--	0.15 U
cis-1,3-Dichloropropene	8260B	--	--	--	--	--	--	--
Cumene	8260B	--	--	--	--	--	--	--
Dibromochloromethane	8260B	--	--	--	--	--	--	--
Dibromomethane	8260B	--	--	--	--	--	--	--
Dichlorodifluoromethane	8260B	--	--	--	--	--	--	--
Diisopropylether	8260B	--	--	--	--	--	--	--
Ethylcyanide	8260B	--	--	--	--	--	--	--
Ethylmethacrylate	8260B	--	--	--	--	--	--	--
Ethylbenzene	8260B	0.64 U	0.8 U	0.64 U	0.16 U	0.16 U	--	0.16 U
Hexachlorobutadiene	8260B	--	--	--	--	--	--	--
Iodomethane	8260B	--	--	--	--	--	--	--
Isobutanol	8260B	--	--	--	--	--	--	--
Isopropanol	8260B	--	--	--	13 U	13 U	--	--
Methacrylonitrile	8260B	--	--	--	--	--	--	--
Methylethylketone	8260B	8 U	10 U	8 U	2 U	2 U	--	2 U
Methylisobutylketone(MIBK)	8260B	--	--	--	--	--	--	--
Methylmethacrylate	8260B	--	--	--	--	--	--	--
Methyltert-butylether	8260B	--	--	--	--	--	5 U	--
Methylenechloride	8260B	20 U	1.6 U	20 U	5 U	5 U	--	0.32 U
m-Xylene&p-Xylene	8260B	1.4 U	1.7 U	1.4 U	0.34 U	0.34 U	--	0.34 U
n-Butylbenzene	8260B	--	--	--	--	--	--	--
n-Propylbenzene	8260B	--	--	--	--	--	--	--
o-Chlorotoluene	8260B	--	--	--	--	--	--	--
o-Xylene	8260B	0.76 U	0.95 U	0.76 U	0.19 U	0.19 U	--	0.19 U
p-Chlorotoluene	8260B	--	--	--	--	--	--	--
p-Cymene	8260B	--	--	--	--	--	--	--
sec-Butylbenzene	8260B	--	--	--	--	--	--	--
sec-Dichloropropane	8260B	--	--	--	--	--	--	--
Styrene	8260B	--	--	--	--	--	--	--
tert-Amylmethylether	8260B	--	--	--	--	--	--	--
tert-Butylalcohol	8260B	--	--	--	--	--	220 U	--
tert-Butylethylether	8260B	--	--	--	--	--	--	--
tert-Butylbenzene	8260B	--	--	--	--	--	--	--
Tetrachloroethene	8260B	0.8 U	1 U	0.8 U	0.2 U	0.2 U	--	0.2 U
Tetrahydrofuran	8260B	--	--	--	--	--	--	--
Toluene	8260B	0.68 U	0.85 U	0.68 U	0.17 U	0.17 U	--	0.17 U
trans-1,2-Dichloroethene	8260B	33	56	53	0.15 U	0.15 U	--	0.15 U
trans-1,3-Dichloropropene	8260B	--	--	--	--	--	--	--
trans-1,4-Dichloro-2-butene	8260B	--	--	--	--	--	--	--
Trichloroethene	8260B	840	900 J	940 J	0.16 U	0.16 U	--	0.16 U
Trichlorofluoromethane	8260B	1.2 U	1.5 U	1.2 U	0.29 U	0.29 U	--	0.29 U
Vinylacetate	8260B	--	--	--	--	--	--	--
Vinylchloride	8260B	31	3.6 J	1.9 J	0.1 U	0.1 U	--	0.1 U
Xylenes,Total	8260B	--	--	--	--	--	--	--

TABLE 12
VOLATILE ORGANIC COMPOUNDS ANALYTICAL RESULTS, 2012
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

	Well Identifier:	RD-05A	RD-05B	RD-05B	RD-05C	RD-05C	RD-06	RD-06
	SampleType:	Primary	Primary	Primary	Primary	Primary	Primary	Primary
	Sample Name:	RD-05A_071712_01	RD-05B_012512_01	RD-05B_071712_01	RD-05C_012512_01	RD-05C_071712_01	RD-06_013112_01	RD-06_072012_01
	Groundwater Unit:	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth
	Lab Name:	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
	Collection Date:	7/17/2012	1/25/2012	7/17/2012	1/25/2012	7/17/2012	1/31/2012	7/20/2012
Analyte (µg/L)	**Method**							
1,1,1,2-Tetrachloroethane	**8260B**	--	--	--	--	--	--	--
1,1,1-Trichloroethane	**8260B**	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U
1,1,2,2-Tetrachloroethane	**8260B**	--	--	--	--	--	--	--
1,1,2-Trichloro-1,2,2-trifluoroethane	**8260B**	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U
1,1,2-Trichloroethane	**8260B**	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U
1,1-Dichloroethane	**8260B**	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U
1,1-Dichloroethene	**8260B**	0.23 U	0.23 U	0.23 U	0.23 U	0.23 U	0.23 U	0.23 U
1,1-Dichloropropene	**8260B**	--	--	--	--	--	--	--
1,2,3-Trichlorobenzene	**8260B**	--	--	--	--	--	--	--
1,2,3-Trichloropropane	**524.2**	--	--	--	--	--	--	--
1,2,3-Trichloropropane	**524M**	--	--	--	--	--	--	--
1,2,3-Trichloropropane	**8260B**	--	--	--	--	--	--	--
1,2,4-Trichlorobenzene	**8260B**	--	--	--	--	--	--	--
1,2,4-Trimethylbenzene	**8260B**	--	--	--	--	--	--	--
1,2-Dibromo-3-chloropropane	**504.1**	--	--	--	--	--	--	--
1,2-Dibromo-3-chloropropane	**8260B**	--	--	--	--	--	--	--
1,2-Dibromoethane	**504.1**	--	--	--	--	--	--	--
1,2-Dibromoethane	**8260B**	--	--	--	--	--	--	--
1,2-Dichlorobenzene	**8260B**	--	--	--	--	--	--	--
1,2-Dichloroethane	**8260B**	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U
1,2-Dichloropropane	**8260B**	--	--	--	--	--	--	--
1,3,5-Trimethylbenzene	**8260B**	--	--	--	--	--	--	--
1,3-Dichlorobenzene	**8260B**	--	--	--	--	--	--	--
1,4-Dichlorobenzene	**8260B**	--	--	--	--	--	--	--
1,4-Dioxane	**8260B SIM**	0.22 U	0.64 U	0.22 U	0.64 U	0.22 U	0.64 U	0.22 U
2-Chloroethylvinylether	**8260B**	--	--	--	--	--	--	--
2-Hexanone	**8260B**	--	--	--	--	--	--	--
Acetone	**8260B**	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	10 U
Acetonitrile	**8260B**	--	--	--	--	--	--	--
Acrolein	**8260B**	--	--	--	--	--	--	--
Acrylonitrile	**8260B**	--	--	--	--	--	--	--
Allylchloride	**8260B**	--	--	--	--	--	--	--
Benzene	**8260B**	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U
Bromobenzene	**8260B**	--	--	--	--	--	--	--
Bromochloromethane	**8260B**	--	--	--	--	--	--	--
Bromodichloromethane	**8260B**	--	--	--	--	--	--	--
Bromoform	**8260B**	--	--	--	--	--	--	--
Bromomethane	**8260B**	--	--	--	--	--	--	--
CarbonDisulfide	**8260B**	--	--	--	--	--	--	--
CarbonTetrachloride	**8260B**	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U
Chlorobenzene	**8260B**	--	--	--	--	--	--	--
Chloroethane	**8260B**	--	--	--	--	--	--	--
Chloroform	**8260B**	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U
Chloromethane	**8260B**	--	--	--	--	--	--	--
Chloroprene	**8260B**	--	--	--	--	--	--	--
cis-1,2-Dichloroethene	**8260B**	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U
cis-1,3-Dichloropropene	**8260B**	--	--	--	--	--	--	--
Cumene	**8260B**	--	--	--	--	--	--	--
Dibromochloromethane	**8260B**	--	--	--	--	--	--	--
Dibromomethane	**8260B**	--	--	--	--	--	--	--
Dichlorodifluoromethane	**8260B**	--	--	--	--	--	--	--
Diisopropylether	**8260B**	--	--	--	--	--	--	--
Ethylcyanide	**8260B**	--	--	--	--	--	--	--
Ethylmethacrylate	**8260B**	--	--	--	--	--	--	--
Ethylbenzene	**8260B**	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U
Hexachlorobutadiene	**8260B**	--	--	--	--	--	--	--
Iodomethane	**8260B**	--	--	--	--	--	--	--
Isobutanol	**8260B**	--	--	--	--	--	--	--
Isopropanol	**8260B**	--	--	--	--	--	13 U	13 U
Methacrylonitrile	**8260B**	--	--	--	--	--	--	--
Methylethylketone	**8260B**	2 U	2 U	2 U	2 U	2 U	2 U	2 U
Methylisobutylketone(MIBK)	**8260B**	--	--	--	--	--	--	--
Methylmethacrylate	**8260B**	--	--	--	--	--	--	--
Methyltert-butylether	**8260B**	--	--	--	--	--	--	--
Methylenechloride	**8260B**	5 U	0.32 U	5 U	0.32 U	5 U	5 U	5 U
m-Xylene&p-Xylene	**8260B**	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U
n-Butylbenzene	**8260B**	--	--	--	--	--	--	--
n-Propylbenzene	**8260B**	--	--	--	--	--	--	--
o-Chlorotoluene	**8260B**	--	--	--	--	--	--	--
o-Xylene	**8260B**	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U
p-Chlorotoluene	**8260B**	--	--	--	--	--	--	--
p-Cymene	**8260B**	--	--	--	--	--	--	--
sec-Butylbenzene	**8260B**	--	--	--	--	--	--	--
sec-Dichloropropane	**8260B**	--	--	--	--	--	--	--
Styrene	**8260B**	--	--	--	--	--	--	--
tert-Amylmethylether	**8260B**	--	--	--	--	--	--	--
tert-Butylalcohol	**8260B**	--	--	--	--	--	--	--
tert-Butylethylether	**8260B**	--	--	--	--	--	--	--
tert-Butylbenzene	**8260B**	--	--	--	--	--	--	--
Tetrachloroethene	**8260B**	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Tetrahydrofuran	**8260B**	--	--	--	--	--	--	--
Toluene	**8260B**	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U
trans-1,2-Dichloroethene	**8260B**	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U
trans-1,3-Dichloropropene	**8260B**	--	--	--	--	--	--	--
trans-1,4-Dichloro-2-butene	**8260B**	--	--	--	--	--	--	--
Trichloroethene	**8260B**	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U
Trichlorofluoromethane	**8260B**	0.29 U	0.29 U	0.29 U	0.29 U	0.29 U	0.29 U	0.29 U
Vinylacetate	**8260B**	--	--	--	--	--	--	--
Vinylchloride	**8260B**	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Xylenes,Total	**8260B**	--	--	--	--	--	--	--

TABLE 12
VOLATILE ORGANIC COMPOUNDS ANALYTICAL RESULTS, 2012
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		RD-07 (Port 3)	RD-08	RD-08	RD-08	RD-08	RD-09	RD-09
SampleType:		Primary	Primary	Primary	Field Duplicate	Split	Primary	Primary
Sample Name:		RD-07_012512_01	RD-08_020912_01	RD-08_073012_01	RD-08_073012_36	RD-08_073012_03	RD-09_020812_01	RD-09_080612_01
Groundwater Unit:		Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth
Lab Name:		TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Irvine	TA- Denver	TA- Denver
Collection Date:		1/25/2012	2/9/2012	7/30/2012	7/30/2012	7/30/2012	2/8/2012	8/6/2012
Analyte (µg/L)	**Method**							
1,1,1,2-Tetrachloroethane	**8260B**	--	0.21 U	0.21 U	0.21 U	0.27 UJ	--	--
1,1,1-Trichloroethane	**8260B**	0.16 U	0.16 U	0.16 U	0.16 U	0.3 U	0.16 U	0.16 U
1,1,2,2-Tetrachloroethane	**8260B**	--	0.21 U	0.21 U	0.21 U	0.3 U	--	--
1,1,2-Trichloro-1,2,2-trifluoroethane	**8260B**	0.42 U	--	--	--	--	0.42 U	0.42 U
1,1,2-Trichloroethane	**8260B**	0.27 U	0.27 U	0.27 U	0.27 U	0.3 U	0.27 U	0.27 U
1,1-Dichloroethane	**8260B**	0.22 U	0.95 J	0.72 J	0.73 J	0.67 J	0.22 U	0.22 U
1,1-Dichloroethene	**8260B**	0.23 U	0.23 U	0.23 U	0.23 U	0.42 U	0.66 J	1 J
1,1-Dichloropropene	**8260B**	--	--	--	--	--	--	--
1,2,3-Trichlorobenzene	**8260B**	--	--	--	--	--	--	--
1,2,3-Trichloropropane	**524.2**	--	0.0017 U	0.0017 U	--	--	--	--
1,2,3-Trichloropropane	**524M**	--	--	--	--	--	--	--
1,2,3-Trichloropropane	**8260B**	--	--	--	--	--	--	--
1,2,4-Trichlorobenzene	**8260B**	--	--	--	--	--	--	--
1,2,4-Trimethylbenzene	**8260B**	--	--	--	--	--	--	--
1,2-Dibromo-3-chloropropane	**504.1**	--	0.0067 U	--	--	--	--	--
1,2-Dibromo-3-chloropropane	**8260B**	--	--	--	--	--	--	--
1,2-Dibromoethane	**504.1**	--	0.0037 U	--	--	--	--	--
1,2-Dibromoethane	**8260B**	--	--	--	--	--	--	--
1,2-Dichlorobenzene	**8260B**	--	0.15 U	0.15 U	0.15 U	0.32 U	--	--
1,2-Dichloroethane	**8260B**	0.13 U	23	18	18	21	0.13 U	0.13 U
1,2-Dichloropropane	**8260B**	--	0.18 U	0.18 U	0.18 U	0.35 U	--	--
1,3,5-Trimethylbenzene	**8260B**	--	--	--	--	--	--	--
1,3-Dichlorobenzene	**8260B**	--	0.13 U	0.13 U	0.13 U	0.35 U	--	--
1,4-Dichlorobenzene	**8260B**	--	0.16 U	0.16 U	0.16 U	0.37 U	--	--
1,4-Dioxane	**8260B SIM**	--	5	5.2	--	--	1.5 J	1.3 J
2-Chloroethylvinylether	**8260B**	--	--	--	--	--	--	--
2-Hexanone	**8260B**	--	1.7 U	1.7 UJ	1.7 UJ	2.6 U	--	--
Acetone	**8260B**	1.9 U	1.9 U	1.9 UJ	1.9 UJ	5.4 J	1.9 U	10 UJ
Acetonitrile	**8260B**	--	15 J	9.6 UJ	9.6 UJ	9 UJ	--	--
Acrolein	**8260B**	--	2.8 UJ	--	--	--	--	--
Acrylonitrile	**8260B**	--	1.4 UJ	--	--	--	--	--
Allylchloride	**8260B**	--	0.17 U	0.17 U	0.17 U	0.7 U	--	--
Benzene	**8260B**	0.16 U	0.16 U	0.16 U	0.16 U	0.28 U	0.16 U	0.16 U
Bromobenzene	**8260B**	--	--	--	--	--	--	--
Bromochloromethane	**8260B**	--	--	--	--	--	--	--
Bromodichloromethane	**8260B**	--	0.17 U	0.17 U	0.17 U	0.3 U	--	--
Bromoform	**8260B**	--	0.19 U	0.19 U	0.19 U	0.4 U	--	--
Bromomethane	**8260B**	--	0.21 U	0.21 U	0.21 U	0.42 U	--	--
CarbonDisulfide	**8260B**	--	0.45 U	0.45 U	0.45 U	0.48 UJ	--	--
CarbonTetrachloride	**8260B**	0.19 U	0.19 U	0.19 UJ	0.19 UJ	0.28 UJ	0.19 U	0.19 U
Chlorobenzene	**8260B**	--	0.17 U	0.17 U	0.17 U	0.36 U	--	--
Chloroethane	**8260B**	--	0.41 U	0.41 U	0.41 U	0.4 U	--	--
Chloroform	**8260B**	0.16 U	0.16 U	0.16 U	0.16 U	0.33 U	0.16 U	0.16 U
Chloromethane	**8260B**	--	0.3 U	0.3 U	0.3 U	0.4 U	--	--
Chloroprene	**8260B**	--	0.21 U	0.21 U	0.21 U	0.6 U	--	--
cis-1,2-Dichloroethene	**8260B**	39	0.15 U	0.15 U	0.15 U	0.32 U	89	77
cis-1,3-Dichloropropene	**8260B**	--	0.16 U	0.16 U	0.16 U	0.22 U	--	--
Cumene	**8260B**	--	--	--	--	--	--	--
Dibromochloromethane	**8260B**	--	0.17 U	0.17 U	0.17 U	0.4 UJ	--	--
Dibromomethane	**8260B**	--	0.17 U	0.17 U	0.17 U	0.36 U	--	--
Dichlorodifluoromethane	**8260B**	--	0.31 U	0.31 U	0.31 U	0.26 U	--	--
Diisopropylether	**8260B**	--	--	--	--	--	--	--
Ethylcyanide	**8260B**	--	3.7 UJ	3.7 UJ	3.7 UJ	7 UJ	--	--
Ethylmethacrylate	**8260B**	--	0.86 U	0.86 U	0.86 U	0.9 U	--	--
Ethylbenzene	**8260B**	0.16 U	0.16 U	0.16 U	0.16 U	0.25 U	0.16 U	0.16 U
Hexachlorobutadiene	**8260B**	--	--	--	--	--	--	--
Iodomethane	**8260B**	--	0.23 U	0.23 U	0.23 U	1 U	--	--
Isobutanol	**8260B**	--	37 U	37 UJ	37 UJ	7 U	--	--
Isopropanol	**8260B**	--	--	--	--	--	--	--
Methacrylonitrile	**8260B**	--	1.6 U	1.6 UJ	1.6 UJ	0.9 U	--	--
Methylethylketone	**8260B**	2 U	2 U	2 UJ	2 UJ	4.7 U	2 U	2 U
Methylisobutylketone(MIBK)	**8260B**	--	0.98 U	0.98 UJ	0.98 UJ	3.5 UJ	--	--
Methylmethacrylate	**8260B**	--	1.1 U	1.1 U	1.1 U	0.9 U	--	--
Methyltert-butylether	**8260B**	--	--	--	--	--	--	--
Methylenechloride	**8260B**	0.32 U	5 U	0.32 U	0.32 U	0.95 U	0.32 U	5 UJ
m-Xylene&p-Xylene	**8260B**	0.34 U	0.34 U	0.34 U	0.34 U	0.6 U	0.34 U	0.34 U
n-Butylbenzene	**8260B**	--	--	--	--	--	--	--
n-Propylbenzene	**8260B**	--	--	--	--	--	--	--
o-Chlorotoluene	**8260B**	--	--	--	--	--	--	--
o-Xylene	**8260B**	0.19 U	0.19 U	0.19 U	0.19 U	0.3 U	0.19 U	0.2 J
p-Chlorotoluene	**8260B**	--	--	--	--	--	--	--
p-Cymene	**8260B**	--	--	--	--	--	--	--
sec-Butylbenzene	**8260B**	--	--	--	--	--	--	--
sec-Dichloropropane	**8260B**	--	--	--	--	--	--	--
Styrene	**8260B**	--	0.17 U	0.17 U	0.17 U	0.2 U	--	--
tert-Amylmethylether	**8260B**	--	--	--	--	--	--	--
tert-Butylalcohol	**8260B**	--	--	--	--	--	--	--
tert-Butylethylether	**8260B**	--	--	--	--	--	--	--
tert-Butylbenzene	**8260B**	--	--	--	--	--	--	--
Tetrachloroethene	**8260B**	0.2 U	0.2 U	0.2 U	0.2 U	0.32 U	0.2 U	0.2 U
Tetrahydrofuran	**8260B**	--	--	--	--	--	--	--
Toluene	**8260B**	0.17 U	0.17 U	0.17 U	0.17 U	0.36 U	0.17 U	1 UJ
trans-1,2-Dichloroethene	**8260B**	0.15 U	0.15 U	0.15 U	0.15 U	0.3 U	24	26 J
trans-1,3-Dichloropropene	**8260B**	--	0.19 U	0.19 U	0.19 U	0.32 U	--	--
trans-1,4-Dichloro-2-butene	**8260B**	--	0.8 U	0.8 U	0.8 U	2.5 UJ	--	--
Trichloroethene	**8260B**	0.71 J	0.23 J	0.16 U	0.16 U	0.26 U	260	390
Trichlorofluoromethane	**8260B**	0.29 U	0.29 U	0.29 U	0.29 U	0.34 U	0.29 U	0.29 U
Vinylacetate	**8260B**	--	0.94 U	0.94 UJ	0.94 UJ	1 UJ	--	--
Vinylchloride	**8260B**	0.1 U	0.1 U	0.1 U	0.1 U	0.4 U	0.6 J	0.67 J
Xylenes,Total	**8260B**	--	--	--	--	--	--	--

TABLE 12
VOLATILE ORGANIC COMPOUNDS ANALYTICAL RESULTS, 2012
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

	Well Identifier:	RD-10	RD-10	RD-11	RD-11	RD-12	RD-12	RD-13	RD-14
	SampleType:	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary
	Sample Name:	RD-10_011712_01	RD-10_072312_01	RD-11_012612_01	RD-11_080312_01	RD-12_012612_01	RD-12_080312_01	RD-13_011712_01	RD-14_011812_01
	Groundwater Unit:	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth
	Lab Name:	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
	Collection Date:	1/17/2012	7/23/2012	1/26/2012	8/3/2012	1/26/2012	8/3/2012	1/17/2012	1/18/2012
Analyte (µg/L)	**Method**								
1,1,1,2-Tetrachloroethane	**8260B**	--	--	0.21 U	--	0.21 U	--	--	--
1,1,1-Trichloroethane	**8260B**	0.16 U	0.16 U	0.16 U	0.16 UJ	0.16 U	0.16 UJ	0.16 U	0.16 U
1,1,2,2-Tetrachloroethane	**8260B**	--	--	0.21 U	--	0.21 U	--	--	--
1,1,2-Trichloro-1,2,2-trifluoroethane	**8260B**	0.42 U	0.42 U	--	0.42 UJ	--	0.42 UJ	0.42 U	0.42 U
1,1,2-Trichloroethane	**8260B**	0.27 U	0.27 U	0.27 U	0.27 UJ	0.27 U	0.27 UJ	0.27 U	0.27 U
1,1-Dichloroethane	**8260B**	0.22 U	0.22 U	0.22 U	0.22 UJ	0.22 U	0.22 UJ	0.22 U	0.22 U
1,1-Dichloroethene	**8260B**	0.23 U	0.23 U	0.23 U	0.23 UJ	0.23 U	0.23 UJ	0.23 U	0.23 U
1,1-Dichloropropene	**8260B**	--	--	--	--	--	--	--	--
1,2,3-Trichlorobenzene	**8260B**	--	--	--	--	--	--	--	--
1,2,3-Trichloropropane	**524.2**	--	--	0.0017 U	0.0017 U	0.0017 U	0.0017 U	--	0.0017 U
1,2,3-Trichloropropane	**524M**	--	--	--	--	--	--	--	--
1,2,3-Trichloropropane	**8260B**	--	--	--	--	--	--	--	--
1,2,4-Trichlorobenzene	**8260B**	--	--	--	--	--	--	--	--
1,2,4-Trimethylbenzene	**8260B**	--	--	--	--	--	--	--	--
1,2-Dibromo-3-chloropropane	**504.1**	--	--	0.0069 U	--	0.0069 U	--	--	--
1,2-Dibromo-3-chloropropane	**8260B**	--	--	--	--	--	--	--	--
1,2-Dibromoethane	**504.1**	--	--	0.0037 U	--	0.0037 U	--	--	--
1,2-Dibromoethane	**8260B**	--	--	--	--	--	--	--	--
1,2-Dichlorobenzene	**8260B**	--	--	0.15 U	--	0.15 U	--	--	--
1,2-Dichloroethane	**8260B**	0.13 U	0.13 U	0.13 U	0.13 UJ	0.19 J	0.13 UJ	0.13 U	0.13 U
1,2-Dichloropropane	**8260B**	--	--	0.18 U	--	0.18 U	--	--	--
1,3,5-Trimethylbenzene	**8260B**	--	--	--	--	--	--	--	--
1,3-Dichlorobenzene	**8260B**	--	--	0.13 U	--	0.13 U	--	--	--
1,4-Dichlorobenzene	**8260B**	--	--	0.16 U	--	0.16 U	--	--	--
1,4-Dioxane	**8260B SIM**	0.64 U	0.22 U	0.64 U	0.22 U	0.64 U	0.22 U	--	--
2-Chloroethylvinylether	**8260B**	--	--	--	--	--	--	--	--
2-Hexanone	**8260B**	--	--	1.7 UJ	--	1.7 UJ	--	--	--
Acetone	**8260B**	80 U	1.9 U	45 UJ	1.9 UJ	69 UJ	1.9 UJ	1.9 U	1.9 U
Acetonitrile	**8260B**	--	--	9.6 U	--	9.6 U	--	--	--
Acrolein	**8260B**	--	--	2.8 U	--	2.8 U	--	--	--
Acrylonitrile	**8260B**	--	--	1.4 U	--	1.4 U	--	--	--
Allylchloride	**8260B**	--	--	0.17 U	--	0.17 U	--	--	--
Benzene	**8260B**	0.16 U	0.16 U	0.16 U	0.16 UJ	0.16 U	0.16 UJ	0.16 U	0.16 U
Bromobenzene	**8260B**	--	--	--	--	--	--	--	--
Bromochloromethane	**8260B**	--	--	--	--	--	--	--	--
Bromodichloromethane	**8260B**	--	--	0.17 U	--	0.17 U	--	--	--
Bromoform	**8260B**	--	--	0.19 U	--	0.19 U	--	--	--
Bromomethane	**8260B**	--	--	0.21 UJ	--	0.21 UJ	--	--	--
CarbonDisulfide	**8260B**	--	--	0.45 U	--	0.45 U	--	--	--
CarbonTetrachloride	**8260B**	0.19 U	0.19 U	0.19 U	0.19 UJ	0.19 U	0.19 UJ	0.19 U	0.19 U
Chlorobenzene	**8260B**	--	--	0.17 U	--	0.17 U	--	--	--
Chloroethane	**8260B**	--	--	0.41 UJ	--	0.41 UJ	--	--	--
Chloroform	**8260B**	0.16 U	0.16 U	0.16 U	0.16 UJ	0.16 U	0.16 UJ	0.16 U	0.16 U
Chloromethane	**8260B**	--	--	0.3 UJ	--	0.3 UJ	--	--	--
Chloroprene	**8260B**	--	--	0.21 U	--	0.21 U	--	--	--
cis-1,2-Dichloroethene	**8260B**	10	9.9	0.15 U	0.15 UJ	0.19 J	0.15 UJ	0.15 U	0.22 J
cis-1,3-Dichloropropene	**8260B**	--	--	0.16 U	--	0.16 U	--	--	--
Cumene	**8260B**	--	--	--	--	--	--	--	--
Dibromochloromethane	**8260B**	--	--	0.17 U	--	0.17 U	--	--	--
Dibromomethane	**8260B**	--	--	0.17 U	--	0.17 U	--	--	--
Dichlorodifluoromethane	**8260B**	--	--	0.31 R	--	0.31 R	--	--	--
Diisopropylether	**8260B**	--	--	--	--	--	--	--	--
Ethylcyanide	**8260B**	--	--	3.7 U	--	3.7 U	--	--	--
Ethylmethacrylate	**8260B**	--	--	0.86 U	--	0.86 U	--	--	--
Ethylbenzene	**8260B**	0.16 U	0.16 U	0.16 U	0.16 UJ	0.16 U	0.16 UJ	0.16 U	0.16 U
Hexachlorobutadiene	**8260B**	--	--	--	--	--	--	--	--
Iodomethane	**8260B**	--	--	0.23 U	--	0.23 U	--	--	--
Isobutanol	**8260B**	--	--	37 U	--	37 U	--	--	--
Isopropanol	**8260B**	--	--	--	--	--	--	--	--
Methacrylonitrile	**8260B**	--	--	1.6 U	--	1.6 U	--	--	--
Methylethylketone	**8260B**	2 U	2 U	2 UJ	2 UJ	2 UJ	2 UJ	2 U	2 U
Methylisobutylketone(MIBK)	**8260B**	--	--	0.98 UJ	--	0.98 UJ	--	--	--
Methylmethacrylate	**8260B**	--	--	1.1 U	--	1.1 U	--	--	--
Methyltert-butylether	**8260B**	--	--	--	--	--	--	--	--
Methylenechloride	**8260B**	0.32 U	0.32 U	5 U	0.32 UJ	5 U	0.32 UJ	0.32 U	5 U
m-Xylene&p-Xylene	**8260B**	0.34 U	0.34 U	0.34 U	0.34 UJ	0.34 U	0.34 UJ	0.34 U	0.34 U
n-Butylbenzene	**8260B**	--	--	--	--	--	--	--	--
n-Propylbenzene	**8260B**	--	--	--	--	--	--	--	--
o-Chlorotoluene	**8260B**	--	--	--	--	--	--	--	--
o-Xylene	**8260B**	0.19 U	0.19 U	0.19 U	0.19 UJ	0.19 U	0.19 UJ	0.19 U	0.19 U
p-Chlorotoluene	**8260B**	--	--	--	--	--	--	--	--
p-Cymene	**8260B**	--	--	--	--	--	--	--	--
sec-Butylbenzene	**8260B**	--	--	--	--	--	--	--	--
sec-Dichloropropane	**8260B**	--	--	--	--	--	--	--	--
Styrene	**8260B**	--	--	0.17 U	--	0.17 U	--	--	--
tert-Amylmethylether	**8260B**	--	--	--	--	--	--	--	--
tert-Butylalcohol	**8260B**	--	--	--	--	--	--	--	--
tert-Butylethylether	**8260B**	--	--	--	--	--	--	--	--
tert-Butylbenzene	**8260B**	--	--	--	--	--	--	--	--
Tetrachloroethene	**8260B**	0.2 U	0.2 U	0.2 U	0.2 UJ	0.2 U	0.2 UJ	0.2 U	0.2 U
Tetrahydrofuran	**8260B**	--	--	--	--	--	--	--	--
Toluene	**8260B**	0.17 U	0.17 U	0.17 U	0.17 UJ	0.17 U	0.17 UJ	0.17 U	0.17 U
trans-1,2-Dichloroethene	**8260B**	0.38 J	0.55 J	0.15 U	0.15 UJ	0.15 U	0.15 UJ	0.15 U	0.15 U
trans-1,3-Dichloropropene	**8260B**	--	--	0.19 U	--	0.19 U	--	--	--
trans-1,4-Dichloro-2-butene	**8260B**	--	--	0.8 U	--	0.8 U	--	--	--
Trichloroethene	**8260B**	16	11	0.16 U	0.16 UJ	0.16 U	0.16 UJ	0.16 U	1.2
Trichlorofluoromethane	**8260B**	0.29 U	0.29 U	0.29 UJ	0.29 UJ	0.29 UJ	0.29 UJ	0.29 U	0.29 U
Vinylacetate	**8260B**	--	--	0.94 UJ	--	0.94 UJ	--	--	--
Vinylchloride	**8260B**	0.1 U	0.1 U	0.1 UJ	0.1 UJ	0.1 UJ	0.1 UJ	0.1 U	0.1 U
Xylenes,Total	**8260B**	--	--	--	--	--	--	--	--

TABLE 12
VOLATILE ORGANIC COMPOUNDS ANALYTICAL RESULTS, 2012
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

	Well Identifier:	RD-18	RD-18	RD-19	RD-20	RD-31 (Port 1)	RD-31 (Port 1)	RD-32	RD-32
	SampleType:	Primary	Field Duplicate	Primary	Primary	Primary	Primary	Primary	Primary
	Sample Name:	RD-18_011812_01	RD-18_011812_36	RD-19_011812_01	RD-20_011712_01	RD-31_011312_01	RD-31_080712_01	RD-32_013012_01	RD-32_080212_01
	Groundwater Unit:	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth
	Lab Name:	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
	Collection Date:	1/18/2012	1/18/2012	1/18/2012	1/17/2012	1/13/2012	8/7/2012	1/30/2012	8/2/2012
Analyte (µg/L)	**Method**								
1,1,1,2-Tetrachloroethane	**8260B**	--	--	--	--	--	--	--	--
1,1,1-Trichloroethane	**8260B**	0.16 U	0.16 U	0.16 U	0.16 U	--	--	0.16 U	0.16 U
1,1,2,2-Tetrachloroethane	**8260B**	--	--	--	--	--	--	--	--
1,1,2-Trichloro-1,2,2-trifluoroethane	**8260B**	0.42 U	0.42 U	0.42 U	0.42 U	--	--	0.42 U	0.42 U
1,1,2-Trichloroethane	**8260B**	0.27 U	0.27 U	0.27 U	0.27 U	--	--	0.27 U	0.27 U
1,1-Dichloroethane	**8260B**	0.22 U	0.22 U	0.22 U	0.22 U	--	--	0.22 U	0.22 U
1,1-Dichloroethene	**8260B**	0.23 U	0.23 U	0.23 U	0.23 U	--	--	0.23 U	0.23 U
1,1-Dichloropropene	**8260B**	--	--	--	--	--	--	--	--
1,2,3-Trichlorobenzene	**8260B**	--	--	--	--	--	--	--	--
1,2,3-Trichloropropane	**524.2**	--	--	--	--	0.0017 U	0.0017 U	0.0017 U	0.0017 U
1,2,3-Trichloropropane	**524M**	--	--	--	--	--	--	--	--
1,2,3-Trichloropropane	**8260B**	--	--	--	--	--	--	--	--
1,2,4-Trichlorobenzene	**8260B**	--	--	--	--	--	--	--	--
1,2,4-Trimethylbenzene	**8260B**	--	--	--	--	--	--	--	--
1,2-Dibromo-3-chloropropane	**504.1**	--	--	--	--	--	--	--	--
1,2-Dibromo-3-chloropropane	**8260B**	--	--	--	--	--	--	--	--
1,2-Dibromoethane	**504.1**	--	--	--	--	--	--	--	--
1,2-Dibromoethane	**8260B**	--	--	--	--	--	--	--	--
1,2-Dichlorobenzene	**8260B**	--	--	--	--	--	--	--	--
1,2-Dichloroethane	**8260B**	0.13 U	0.13 U	0.13 U	0.13 U	--	--	0.13 U	0.13 U
1,2-Dichloropropane	**8260B**	--	--	--	--	--	--	--	--
1,3,5-Trimethylbenzene	**8260B**	--	--	--	--	--	--	--	--
1,3-Dichlorobenzene	**8260B**	--	--	--	--	--	--	--	--
1,4-Dichlorobenzene	**8260B**	--	--	--	--	--	--	--	--
1,4-Dioxane	**8260B SIM**	0.64 U	0.64 U	--	--	--	--	0.64 U	0.22 U
2-Chloroethylvinylether	**8260B**	--	--	--	--	--	--	--	--
2-Hexanone	**8260B**	--	--	--	--	--	--	--	--
Acetone	**8260B**	1.9 U	1.9 U	1.9 U	59	--	--	4.2 J	10 U
Acetonitrile	**8260B**	--	--	--	--	--	--	--	--
Acrolein	**8260B**	--	--	--	--	--	--	--	--
Acrylonitrile	**8260B**	--	--	--	--	--	--	--	--
Allylchloride	**8260B**	--	--	--	--	--	--	--	--
Benzene	**8260B**	0.16 U	0.16 U	0.16 U	0.16 U	--	--	0.16 U	0.16 U
Bromobenzene	**8260B**	--	--	--	--	--	--	--	--
Bromochloromethane	**8260B**	--	--	--	--	--	--	--	--
Bromodichloromethane	**8260B**	--	--	--	--	--	--	--	--
Bromoform	**8260B**	--	--	--	--	--	--	--	--
Bromomethane	**8260B**	--	--	--	--	--	--	--	--
CarbonDisulfide	**8260B**	--	--	--	--	--	--	--	--
CarbonTetrachloride	**8260B**	0.19 U	0.19 U	0.19 U	0.19 U	--	--	0.19 U	0.19 U
Chlorobenzene	**8260B**	--	--	--	--	--	--	--	--
Chloroethane	**8260B**	--	--	--	--	--	--	--	--
Chloroform	**8260B**	0.16 U	0.16 U	0.16 U	0.16 U	--	--	0.16 U	0.16 U
Chloromethane	**8260B**	--	--	--	--	--	--	--	--
Chloroprene	**8260B**	--	--	--	--	--	--	--	--
cis-1,2-Dichloroethene	**8260B**	0.15 U	0.15 U	0.15 U	0.15 U	--	--	0.15 U	0.15 U
cis-1,3-Dichloropropene	**8260B**	--	--	--	--	--	--	--	--
Cumene	**8260B**	--	--	--	--	--	--	--	--
Dibromochloromethane	**8260B**	--	--	--	--	--	--	--	--
Dibromomethane	**8260B**	--	--	--	--	--	--	--	--
Dichlorodifluoromethane	**8260B**	--	--	--	--	--	--	--	--
Diisopropylether	**8260B**	--	--	--	--	--	--	--	--
Ethylcyanide	**8260B**	--	--	--	--	--	--	--	--
Ethylmethacrylate	**8260B**	--	--	--	--	--	--	--	--
Ethylbenzene	**8260B**	0.16 U	0.16 U	0.16 U	0.16 U	--	--	0.16 U	0.16 U
Hexachlorobutadiene	**8260B**	--	--	--	--	--	--	--	--
Iodomethane	**8260B**	--	--	--	--	--	--	--	--
Isobutanol	**8260B**	--	--	--	--	--	--	--	--
Isopropanol	**8260B**	--	--	--	--	--	--	--	--
Methacrylonitrile	**8260B**	--	--	--	--	--	--	--	--
Methylethylketone	**8260B**	2 U	2 U	2 U	2 U	--	--	2 U	2 U
Methylisobutylketone(MIBK)	**8260B**	--	--	--	--	--	--	--	--
Methylmethacrylate	**8260B**	--	--	--	--	--	--	--	--
Methyltert-butylether	**8260B**	--	--	--	--	0.25 U	0.25 U	--	--
Methylenechloride	**8260B**	5 U	5 U	0.32 U	0.32 U	--	--	5 U	0.32 U
m-Xylene&p-Xylene	**8260B**	0.34 U	0.34 U	0.34 U	0.34 U	--	--	0.34 U	0.34 U
n-Butylbenzene	**8260B**	--	--	--	--	--	--	--	--
n-Propylbenzene	**8260B**	--	--	--	--	--	--	--	--
o-Chlorotoluene	**8260B**	--	--	--	--	--	--	--	--
o-Xylene	**8260B**	0.19 U	0.19 U	0.19 U	0.19 U	--	--	0.19 U	0.19 U
p-Chlorotoluene	**8260B**	--	--	--	--	--	--	--	--
p-Cymene	**8260B**	--	--	--	--	--	--	--	--
sec-Butylbenzene	**8260B**	--	--	--	--	--	--	--	--
sec-Dichloropropane	**8260B**	--	--	--	--	--	--	--	--
Styrene	**8260B**	--	--	--	--	--	--	--	--
tert-Amylmethylether	**8260B**	--	--	--	--	--	--	--	--
tert-Butylalcohol	**8260B**	--	--	--	--	11 U	11 U	--	--
tert-Butylethylether	**8260B**	--	--	--	--	--	--	--	--
tert-Butylbenzene	**8260B**	--	--	--	--	--	--	--	--
Tetrachloroethene	**8260B**	0.2 U	0.2 U	0.2 U	0.2 U	--	--	0.2 U	0.2 U
Tetrahydrofuran	**8260B**	--	--	--	--	--	--	--	--
Toluene	**8260B**	0.17 U	0.17 U	0.17 U	0.17 U	--	--	0.17 U	0.17 U
trans-1,2-Dichloroethene	**8260B**	0.15 U	0.15 U	0.15 U	0.15 U	--	--	0.15 U	0.15 U
trans-1,3-Dichloropropene	**8260B**	--	--	--	--	--	--	--	--
trans-1,4-Dichloro-2-butene	**8260B**	--	--	--	--	--	--	--	--
Trichloroethene	**8260B**	0.16 U	0.16 U	0.16 U	0.16 U	--	--	0.16 U	0.16 U
Trichlorofluoromethane	**8260B**	0.29 U	0.29 U	0.29 U	0.29 U	--	--	0.29 U	0.29 U
Vinylacetate	**8260B**	--	--	--	--	--	--	--	--
Vinylchloride	**8260B**	0.1 U	0.1 U	0.1 U	0.1 U	--	--	0.1 U	0.1 U
Xylenes,Total	**8260B**	--	--	--	--	--	--	--	--

TABLE 12
VOLATILE ORGANIC COMPOUNDS ANALYTICAL RESULTS, 2012
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

	Well Identifier:	RD-32	RD-33A (Port 3)	RD-33B	RD-33C	RD-34A	RD-34C	RD-35A
	SampleType:	Split	Primary	Primary	Primary	Primary	Primary	Primary
	Sample Name:	RD-32_080212_03	RD-33A_020112_01	RD-33B_011912_01	RD-33C_011912_01	RD-34A_011912_01	RD-34C_011912_01	RD-35A_012412_01
	Groundwater Unit:	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth
	Lab Name:	TA- Irvine	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
	Collection Date:	8/2/2012	2/1/2012	1/19/2012	1/19/2012	1/19/2012	1/19/2012	1/24/2012
Analyte (µg/L)	Method							
1,1,1,2-Tetrachloroethane	8260B	--	--	--	--	--	--	--
1,1,1-Trichloroethane	8260B	0.3 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.32 U
1,1,2,2-Tetrachloroethane	8260B	--	--	--	--	--	--	--
1,1,2-Trichloro-1,2,2-trifluoroethane	8260B	0.5 U	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U	66
1,1,2-Trichloroethane	8260B	0.3 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.54 U
1,1-Dichloroethane	8260B	0.4 U	0.45 J	0.22 U	0.22 U	0.22 U	0.22 U	0.44 U
1,1-Dichloroethene	8260B	0.42 U	0.78 J	0.23 U	0.23 U	0.45 J	0.23 U	25
1,1-Dichloropropene	8260B	--	--	--	--	--	--	--
1,2,3-Trichlorobenzene	8260B	--	--	--	--	--	--	--
1,2,3-Trichloropropane	524.2	0.0012 U	--	--	--	--	--	0.0025 J
1,2,3-Trichloropropane	524M	--	--	--	--	--	--	--
1,2,3-Trichloropropane	8260B	--	--	--	--	--	--	--
1,2,4-Trichlorobenzene	8260B	--	--	--	--	--	--	--
1,2,4-Trimethylbenzene	8260B	--	--	--	--	--	--	--
1,2-Dibromo-3-chloropropane	504.1	--	--	--	--	--	--	--
1,2-Dibromo-3-chloropropane	8260B	--	--	--	--	--	--	--
1,2-Dibromoethane	504.1	--	--	--	--	--	--	--
1,2-Dibromoethane	8260B	--	--	--	--	--	--	--
1,2-Dichlorobenzene	8260B	--	--	--	--	--	--	--
1,2-Dichloroethane	8260B	0.28 U	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.26 U
1,2-Dichloropropane	8260B	--	--	--	--	--	--	--
1,3,5-Trimethylbenzene	8260B	--	--	--	--	--	--	--
1,3-Dichlorobenzene	8260B	--	--	--	--	--	--	--
1,4-Dichlorobenzene	8260B	--	--	--	--	--	--	--
1,4-Dioxane	8260B SIM	1 U	--	--	--	0.64 U	0.64 U	7.1
2-Chloroethylvinylether	8260B	--	--	--	--	--	--	--
2-Hexanone	8260B	--	--	--	--	--	--	--
Acetone	8260B	4.5 U	1.9 U	3.7 J	1.9 U	1.9 U	1.9 U	3.8 U
Acetonitrile	8260B	--	--	--	--	--	--	--
Acrolein	8260B	--	--	--	--	--	--	--
Acrylonitrile	8260B	--	--	--	--	--	--	--
Allylchloride	8260B	--	--	--	--	--	--	--
Benzene	8260B	0.28 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.32 U
Bromobenzene	8260B	--	--	--	--	--	--	--
Bromochloromethane	8260B	--	--	--	--	--	--	--
Bromodichloromethane	8260B	--	--	--	--	--	--	--
Bromoform	8260B	--	--	--	--	--	--	--
Bromomethane	8260B	--	--	--	--	--	--	--
CarbonDisulfide	8260B	--	--	--	--	--	--	--
CarbonTetrachloride	8260B	0.28 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.38 U
Chlorobenzene	8260B	--	--	--	--	--	--	--
Chloroethane	8260B	--	--	--	--	--	--	--
Chloroform	8260B	0.33 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.32 U
Chloromethane	8260B	--	--	--	--	--	--	--
Chloroprene	8260B	--	--	--	--	--	--	--
cis-1,2-Dichloroethene	8260B	0.32 U	4.3	0.15 U	0.15 U	1.1	0.15 U	11
cis-1,3-Dichloropropene	8260B	--	--	--	--	--	--	--
Cumene	8260B	--	--	--	--	--	--	--
Dibromochloromethane	8260B	--	--	--	--	--	--	--
Dibromomethane	8260B	--	--	--	--	--	--	--
Dichlorodifluoromethane	8260B	--	--	--	--	--	--	--
Diisopropylether	8260B	--	--	--	--	--	--	--
Ethylcyanide	8260B	--	--	--	--	--	--	--
Ethylmethacrylate	8260B	--	--	--	--	--	--	--
Ethylbenzene	8260B	0.25 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.32 U
Hexachlorobutadiene	8260B	--	--	--	--	--	--	--
Iodomethane	8260B	--	--	--	--	--	--	--
Isobutanol	8260B	--	--	--	--	--	--	--
Isopropanol	8260B	--	--	--	--	--	--	--
Methacrylonitrile	8260B	--	--	--	--	--	--	--
Methylethylketone	8260B	4.7 U	2 U	2.6 J	2 U	2 U	2 U	4 U
Methylisobutylketone(MIBK)	8260B	--	--	--	--	--	--	--
Methylmethacrylate	8260B	--	--	--	--	--	--	--
Methyltert-butylether	8260B	--	--	--	--	--	--	--
Methylenechloride	8260B	0.95 U	5 U	5 U	0.32 U	5 U	5 U	0.64 U
m-Xylene&p-Xylene	8260B	0.6 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.68 U
n-Butylbenzene	8260B	--	--	--	--	--	--	--
n-Propylbenzene	8260B	--	--	--	--	--	--	--
o-Chlorotoluene	8260B	--	--	--	--	--	--	--
o-Xylene	8260B	0.3 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.38 U
p-Chlorotoluene	8260B	--	--	--	--	--	--	--
p-Cymene	8260B	--	--	--	--	--	--	--
sec-Butylbenzene	8260B	--	--	--	--	--	--	--
sec-Dichloropropane	8260B	--	--	--	--	--	--	--
Styrene	8260B	--	--	--	--	--	--	--
tert-Amylmethylether	8260B	--	--	--	--	--	--	--
tert-Butylalcohol	8260B	--	--	--	--	--	--	--
tert-Butylethylether	8260B	--	--	--	--	--	--	--
tert-Butylbenzene	8260B	--	--	--	--	--	--	--
Tetrachloroethene	8260B	0.32 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	3
Tetrahydrofuran	8260B	--	--	--	--	--	--	--
Toluene	8260B	0.36 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.34 U
trans-1,2-Dichloroethene	8260B	0.3 U	1.4	0.15 U	0.15 U	0.15 U	0.15 U	0.3 U
trans-1,3-Dichloropropene	8260B	--	--	--	--	--	--	--
trans-1,4-Dichloro-2-butene	8260B	--	--	--	--	--	--	--
Trichloroethene	8260B	0.26 U	0.16 J	0.16 U	0.16 U	3.6	0.16 U	820 J
Trichlorofluoromethane	8260B	0.34 U	0.29 U	0.29 U	0.29 U	0.29 U	0.29 U	0.58 U
Vinylacetate	8260B	--	--	--	--	--	--	--
Vinylchloride	8260B	0.4 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.2 U
Xylenes,Total	8260B	--	--	--	--	--	--	--

TABLE 12
VOLATILE ORGANIC COMPOUNDS ANALYTICAL RESULTS, 2012
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		RD-35A	RD-35B	RD-35B	RD-35C (Port 1)	RD-35C (Port 1)	RD-36B	RD-36B
SampleType:		Primary	Primary	Primary	Primary	Primary	Primary	Primary
Sample Name:		RD-35A_080612_01	RD-35B_012412_01	RD-35B_080612_01	RD-35C_011312_01	RD-35C_080712_01	RD-36B_020312_01	RD-36B_080612_01
Groundwater Unit:		Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth
Lab Name:		TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
Collection Date:		8/6/2012	1/24/2012	8/6/2012	1/13/2012	8/7/2012	2/3/2012	8/6/2012
Analyte (µg/L)	**Method**							
1,1,1,2-Tetrachloroethane	8260B	--	--	--	--	--	--	--
1,1,1-Trichloroethane	8260B	0.64 U	0.64 U	0.64 U	--	--	0.16 U	0.16 U
1,1,2,2-Tetrachloroethane	8260B	--	--	--	--	--	--	--
1,1,2-Trichloro-1,2,2-trifluoroethane	8260B	63	1.7 U	1.7 U	--	--	0.42 U	0.42 U
1,1,2-Trichloroethane	8260B	1.1 U	1.1 U	1.1 U	--	--	0.27 U	0.27 U
1,1-Dichloroethane	8260B	0.88 U	1.8 J	1.8 J	--	--	0.22 U	0.22 U
1,1-Dichloroethene	8260B	37	46	39	--	--	0.23 U	0.23 U
1,1-Dichloropropene	8260B	--	--	--	--	--	--	--
1,2,3-Trichlorobenzene	8260B	--	--	--	--	--	--	--
1,2,3-Trichloropropane	524.2	0.0037 J	0.027	0.011	0.0017 U	0.0017 U	0.0017 U	0.0017 U
1,2,3-Trichloropropane	524M	--	--	--	--	--	--	--
1,2,3-Trichloropropane	8260B	--	--	--	--	--	--	--
1,2,4-Trichlorobenzene	8260B	--	--	--	--	--	--	--
1,2,4-Trimethylbenzene	8260B	--	--	--	--	--	--	--
1,2-Dibromo-3-chloropropane	504.1	--	--	--	--	--	--	--
1,2-Dibromo-3-chloropropane	8260B	--	--	--	--	--	--	--
1,2-Dibromoethane	504.1	--	--	--	--	--	--	--
1,2-Dibromoethane	8260B	--	--	--	--	--	--	--
1,2-Dichlorobenzene	8260B	--	--	--	--	--	--	--
1,2-Dichloroethane	8260B	0.52 U	0.52 U	0.52 U	--	--	0.13 U	0.13 U
1,2-Dichloropropane	8260B	--	--	--	--	--	--	--
1,3,5-Trimethylbenzene	8260B	--	--	--	--	--	--	--
1,3-Dichlorobenzene	8260B	--	--	--	--	--	--	--
1,4-Dichlorobenzene	8260B	--	--	--	--	--	--	--
1,4-Dioxane	8260B SIM	7.1	48	40	--	--	0.64 U	0.22 U
2-Chloroethylvinylether	8260B	--	--	--	--	--	--	--
2-Hexanone	8260B	--	--	--	--	--	--	--
Acetone	8260B	40 U	7.6 U	40 U	--	--	1.9 U	10 U
Acetonitrile	8260B	--	--	--	--	--	--	--
Acrolein	8260B	--	--	--	--	--	--	--
Acrylonitrile	8260B	--	--	--	--	--	--	--
Allylchloride	8260B	--	--	--	--	--	--	--
Benzene	8260B	0.64 U	0.64 U	0.64 U	--	--	0.16 U	0.16 U
Bromobenzene	8260B	--	--	--	--	--	--	--
Bromochloromethane	8260B	--	--	--	--	--	--	--
Bromodichloromethane	8260B	--	--	--	--	--	--	--
Bromoform	8260B	--	--	--	--	--	--	--
Bromomethane	8260B	--	--	--	--	--	--	--
CarbonDisulfide	8260B	--	--	--	--	--	--	--
CarbonTetrachloride	8260B	0.76 U	0.76 U	0.76 U	--	--	0.19 U	0.19 U
Chlorobenzene	8260B	--	--	--	--	--	--	--
Chloroethane	8260B	--	--	--	--	--	--	--
Chloroform	8260B	0.65 J	0.64 U	0.64 U	--	--	0.16 U	0.4 J
Chloromethane	8260B	--	--	--	--	--	--	--
Chloroprene	8260B	--	--	--	--	--	--	--
cis-1,2-Dichloroethene	8260B	22	1200	980	--	--	0.15 U	0.19 J
cis-1,3-Dichloropropene	8260B	--	--	--	--	--	--	--
Cumene	8260B	--	--	--	--	--	--	--
Dibromochloromethane	8260B	--	--	--	--	--	--	--
Dibromomethane	8260B	--	--	--	--	--	--	--
Dichlorodifluoromethane	8260B	--	--	--	--	--	--	--
Diisopropylether	8260B	--	--	--	--	--	--	--
Ethylcyanide	8260B	--	--	--	--	--	--	--
Ethylmethacrylate	8260B	--	--	--	--	--	--	--
Ethylbenzene	8260B	0.64 U	0.64 U	0.64 U	--	--	0.16 U	0.16 U
Hexachlorobutadiene	8260B	--	--	--	--	--	--	--
Iodomethane	8260B	--	--	--	--	--	--	--
Isobutanol	8260B	--	--	--	--	--	--	--
Isopropanol	8260B	--	--	--	--	--	13 U	13 U
Methacrylonitrile	8260B	--	--	--	--	--	--	--
Methylethylketone	8260B	8 U	8 U	8 U	--	--	2 U	2 U
Methylisobutylketone(MIBK)	8260B	--	--	--	--	--	--	--
Methylmethacrylate	8260B	--	--	--	--	--	--	--
Methyltert-butylether	8260B	--	67	83	--	--	--	--
Methylenechloride	8260B	20 U	1.3 U	20 U	--	--	0.32 U	5 U
m-Xylene&p-Xylene	8260B	1.4 U	1.4 U	1.4 U	--	--	0.34 U	0.34 U
n-Butylbenzene	8260B	--	--	--	--	--	--	--
n-Propylbenzene	8260B	--	--	--	--	--	--	--
o-Chlorotoluene	8260B	--	--	--	--	--	--	--
o-Xylene	8260B	0.76 U	0.76 U	0.76 U	--	--	0.19 U	0.19 U
p-Chlorotoluene	8260B	--	--	--	--	--	--	--
p-Cymene	8260B	--	--	--	--	--	--	--
sec-Butylbenzene	8260B	--	--	--	--	--	--	--
sec-Dichloropropane	8260B	--	--	--	--	--	--	--
Styrene	8260B	--	--	--	--	--	--	--
tert-Amylmethylether	8260B	--	--	--	--	--	--	--
tert-Butylalcohol	8260B	--	1600 J	1300	--	--	--	--
tert-Butylethylether	8260B	--	--	--	--	--	--	--
tert-Butylbenzene	8260B	--	--	--	--	--	--	--
Tetrachloroethene	8260B	2.9 J	0.8 U	0.8 U	--	--	12	15 J
Tetrahydrofuran	8260B	--	--	--	--	--	--	--
Toluene	8260B	0.68 U	1.3 J	0.95 J	--	--	0.17 U	0.17 U
trans-1,2-Dichloroethene	8260B	0.6 U	5.9	33	--	--	0.15 U	0.15 U
trans-1,3-Dichloropropene	8260B	--	--	--	--	--	--	--
trans-1,4-Dichloro-2-butene	8260B	--	--	--	--	--	--	--
Trichloroethene	8260B	1100 J	10	6.4	--	--	170	170
Trichlorofluoromethane	8260B	1.2 U	1.2 U	1.2 U	--	--	0.29 U	0.29 U
Vinylacetate	8260B	--	--	--	--	--	--	--
Vinylchloride	8260B	0.4 U	2.8 J	2.2 J	--	--	0.1 U	0.1 U
Xylenes,Total	8260B	--	--	--	--	--	--	--

TABLE 12
VOLATILE ORGANIC COMPOUNDS ANALYTICAL RESULTS, 2012
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

	Well Identifier:	RD-36C	RD-36C	RD-36C	RD-36D	RD-36D	RD-37	RD-37
	SampleType:	Primary	Field Duplicate	Primary	Primary	Primary	Primary	Field Duplicate
	Sample Name:	RD-36C_020612_01	RD-36C_020612_36	RD-36C_080612_01	RD-36D_020312_01	RD-36D_080612_01	RD-37_020612_01	RD-37_020612_36
	Groundwater Unit:	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth
	Lab Name:	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
	Collection Date:	2/6/2012	2/6/2012	8/6/2012	2/3/2012	8/6/2012	2/6/2012	2/6/2012
Analyte (µg/L)	**Method**							
1,1,1,2-Tetrachloroethane	**8260B**	--	--	--	--	--	--	--
1,1,1-Trichloroethane	**8260B**	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U
1,1,2,2-Tetrachloroethane	**8260B**	--	--	--	--	--	--	--
1,1,2-Trichloro-1,2,2-trifluoroethane	**8260B**	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U
1,1,2-Trichloroethane	**8260B**	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U
1,1-Dichloroethane	**8260B**	0.26 J	0.25 J	0.22 J	0.22 U	0.22 U	0.22 U	0.22 U
1,1-Dichloroethene	**8260B**	0.81 J	0.74 J	0.72 J	0.23 U	0.23 U	0.23 U	0.23 U
1,1-Dichloropropene	**8260B**	--	--	--	--	--	--	--
1,2,3-Trichlorobenzene	**8260B**	--	--	--	--	--	--	--
1,2,3-Trichloropropane	**524.2**	0.0017 U	0.0017 U	0.0017 U	0.0017 U	0.0017 U	0.0017 U	0.0017 U
1,2,3-Trichloropropane	**524M**	--	--	--	--	--	--	--
1,2,3-Trichloropropane	**8260B**	--	--	--	--	--	--	--
1,2,4-Trichlorobenzene	**8260B**	--	--	--	--	--	--	--
1,2,4-Trimethylbenzene	**8260B**	--	--	--	--	--	--	--
1,2-Dibromo-3-chloropropane	**504.1**	--	--	--	--	--	--	--
1,2-Dibromo-3-chloropropane	**8260B**	--	--	--	--	--	--	--
1,2-Dibromoethane	**504.1**	--	--	--	--	--	--	--
1,2-Dibromoethane	**8260B**	--	--	--	--	--	--	--
1,2-Dichlorobenzene	**8260B**	--	--	--	--	--	--	--
1,2-Dichloroethane	**8260B**	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U
1,2-Dichloropropane	**8260B**	--	--	--	--	--	--	--
1,3,5-Trimethylbenzene	**8260B**	--	--	--	--	--	--	--
1,3-Dichlorobenzene	**8260B**	--	--	--	--	--	--	--
1,4-Dichlorobenzene	**8260B**	--	--	--	--	--	--	--
1,4-Dioxane	**8260B SIM**	2.9	2.8	2.5	0.64 U	0.22 U	0.64 U	0.64 U
2-Chloroethylvinylether	**8260B**	--	--	--	--	--	--	--
2-Hexanone	**8260B**	--	--	--	--	--	--	--
Acetone	**8260B**	1.9 U	1.9 U	12 U	1.9 U	10 U	1.9 U	6.7 J
Acetonitrile	**8260B**	--	--	--	--	--	--	--
Acrolein	**8260B**	--	--	--	--	--	--	--
Acrylonitrile	**8260B**	--	--	--	--	--	--	--
Allylchloride	**8260B**	--	--	--	--	--	--	--
Benzene	**8260B**	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U
Bromobenzene	**8260B**	--	--	--	--	--	--	--
Bromochloromethane	**8260B**	--	--	--	--	--	--	--
Bromodichloromethane	**8260B**	--	--	--	--	--	--	--
Bromoform	**8260B**	--	--	--	--	--	--	--
Bromomethane	**8260B**	--	--	--	--	--	--	--
CarbonDisulfide	**8260B**	--	--	--	--	--	--	--
CarbonTetrachloride	**8260B**	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U
Chlorobenzene	**8260B**	--	--	--	--	--	--	--
Chloroethane	**8260B**	--	--	--	--	--	--	--
Chloroform	**8260B**	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U
Chloromethane	**8260B**	--	--	--	--	--	--	--
Chloroprene	**8260B**	--	--	--	--	--	--	--
cis-1,2-Dichloroethene	**8260B**	38	37	27	0.15 U	0.15 U	0.24 J	0.27 J
cis-1,3-Dichloropropene	**8260B**	--	--	--	--	--	--	--
Cumene	**8260B**	--	--	--	--	--	--	--
Dibromochloromethane	**8260B**	--	--	--	--	--	--	--
Dibromomethane	**8260B**	--	--	--	--	--	--	--
Dichlorodifluoromethane	**8260B**	--	--	--	--	--	--	--
Diisopropylether	**8260B**	--	--	--	--	--	--	--
Ethylcyanide	**8260B**	--	--	--	--	--	--	--
Ethylmethacrylate	**8260B**	--	--	--	--	--	--	--
Ethylbenzene	**8260B**	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U
Hexachlorobutadiene	**8260B**	--	--	--	--	--	--	--
Iodomethane	**8260B**	--	--	--	--	--	--	--
Isobutanol	**8260B**	--	--	--	--	--	--	--
Isopropanol	**8260B**	13 U	13 U	13 U	13 U	13 U	13 U	13 U
Methacrylonitrile	**8260B**	--	--	--	--	--	--	--
Methylethylketone	**8260B**	2 U	2 U	2 U	2 U	2 U	2 U	2 U
Methylisobutylketone(MIBK)	**8260B**	--	--	--	--	--	--	--
Methylmethacrylate	**8260B**	--	--	--	--	--	--	--
Methyltert-butylether	**8260B**	0.25 U	0.25 U	0.25 U	--	--	0.25 U	0.25 U
Methylenechloride	**8260B**	5 U	5 U	5 U	0.32 U	5 U	5 U	5 U
m-Xylene&p-Xylene	**8260B**	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U
n-Butylbenzene	**8260B**	--	--	--	--	--	--	--
n-Propylbenzene	**8260B**	--	--	--	--	--	--	--
o-Chlorotoluene	**8260B**	--	--	--	--	--	--	--
o-Xylene	**8260B**	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U
p-Chlorotoluene	**8260B**	--	--	--	--	--	--	--
p-Cymene	**8260B**	--	--	--	--	--	--	--
sec-Butylbenzene	**8260B**	--	--	--	--	--	--	--
sec-Dichloropropane	**8260B**	--	--	--	--	--	--	--
Styrene	**8260B**	--	--	--	--	--	--	--
tert-Amylmethylether	**8260B**	--	--	--	--	--	--	--
tert-Butylalcohol	**8260B**	11 U	11 U	11 U	--	--	11 U	11 U
tert-Butylethylether	**8260B**	--	--	--	--	--	--	--
tert-Butylbenzene	**8260B**	--	--	--	--	--	--	--
Tetrachloroethene	**8260B**	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Tetrahydrofuran	**8260B**	--	--	--	--	--	--	--
Toluene	**8260B**	0.24 J	0.22 J	0.19 J	0.17 U	0.25 J	0.17 U	0.17 U
trans-1,2-Dichloroethene	**8260B**	3.1	2.9	2.9	0.15 U	0.15 U	0.15 U	0.15 U
trans-1,3-Dichloropropene	**8260B**	--	--	--	--	--	--	--
trans-1,4-Dichloro-2-butene	**8260B**	--	--	--	--	--	--	--
Trichloroethene	**8260B**	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.2 J	0.2 J
Trichlorofluoromethane	**8260B**	0.29 U	0.29 U	0.29 U	0.29 U	0.29 U	0.29 U	0.29 U
Vinylacetate	**8260B**	--	--	--	--	--	--	--
Vinylchloride	**8260B**	0.1 U	0.1 U	0.21 J	0.1 U	0.1 U	0.1 U	0.1 U
Xylenes,Total	**8260B**	--	--	--	--	--	--	--

TABLE 12
VOLATILE ORGANIC COMPOUNDS ANALYTICAL RESULTS, 2012
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

	Well Identifier:	RD-37	RD-38B	RD-38B	RD-38B	RD-39B	RD-39B	RD-40
	SampleType:	Primary	Primary	Primary	Field Duplicate	Primary	Primary	Primary
	Sample Name:	RD-37_080812_01	RD-38B_020212_01	RD-38B_080712_01	RD-38B_080712_36	RD-39B_020912_01	RD-39B_080712_01	RD-40_021612_01
	Groundwater Unit:	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth
	Lab Name:	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
	Collection Date:	8/8/2012	2/2/2012	8/7/2012	8/7/2012	2/9/2012	8/7/2012	2/16/2012
Analyte (µg/L)	**Method**							
1,1,1,2-Tetrachloroethane	**8260B**	--	--	--	--	--	--	--
1,1,1-Trichloroethane	**8260B**	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 UJ
1,1,2,2-Tetrachloroethane	**8260B**	--	--	--	--	--	--	--
1,1,2-Trichloro-1,2,2-trifluoroethane	**8260B**	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U	0.42 UJ
1,1,2-Trichloroethane	**8260B**	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 UJ
1,1-Dichloroethane	**8260B**	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 UJ
1,1-Dichloroethene	**8260B**	0.23 U	0.23 U	0.23 U	0.23 U	0.23 U	0.23 U	0.23 UJ
1,1-Dichloropropene	**8260B**	--	--	--	--	--	--	--
1,2,3-Trichlorobenzene	**8260B**	--	--	--	--	--	--	--
1,2,3-Trichloropropane	**524.2**	0.0017 U	0.0017 U	0.0017 U	0.0017 U	0.0017 U	0.0017 U	--
1,2,3-Trichloropropane	**524M**	--	--	--	--	--	--	--
1,2,3-Trichloropropane	**8260B**	--	--	--	--	--	--	--
1,2,4-Trichlorobenzene	**8260B**	--	--	--	--	--	--	--
1,2,4-Trimethylbenzene	**8260B**	--	--	--	--	--	--	--
1,2-Dibromo-3-chloropropane	**504.1**	--	--	--	--	--	--	--
1,2-Dibromo-3-chloropropane	**8260B**	--	--	--	--	--	--	--
1,2-Dibromoethane	**504.1**	--	--	--	--	--	--	--
1,2-Dibromoethane	**8260B**	--	--	--	--	--	--	--
1,2-Dichlorobenzene	**8260B**	--	--	--	--	--	--	--
1,2-Dichloroethane	**8260B**	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.13 UJ
1,2-Dichloropropane	**8260B**	--	--	--	--	--	--	--
1,3,5-Trimethylbenzene	**8260B**	--	--	--	--	--	--	--
1,3-Dichlorobenzene	**8260B**	--	--	--	--	--	--	--
1,4-Dichlorobenzene	**8260B**	--	--	--	--	--	--	--
1,4-Dioxane	**8260B SIM**	0.22 U	0.64 U	0.22 U	0.22 U	0.64 U	0.22 U	0.64 U
2-Chloroethylvinylether	**8260B**	--	--	--	--	--	--	--
2-Hexanone	**8260B**	--	--	--	--	--	--	--
Acetone	**8260B**	1.9 U	10 UJ	1.9 U	2.4 J	1.9 U	1.9 U	1.9 UJ
Acetonitrile	**8260B**	--	--	--	--	--	--	--
Acrolein	**8260B**	--	--	--	--	--	--	--
Acrylonitrile	**8260B**	--	--	--	--	--	--	--
Allylchloride	**8260B**	--	--	--	--	--	--	--
Benzene	**8260B**	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 UJ
Bromobenzene	**8260B**	--	--	--	--	--	--	--
Bromochloromethane	**8260B**	--	--	--	--	--	--	--
Bromodichloromethane	**8260B**	--	--	--	--	--	--	--
Bromoform	**8260B**	--	--	--	--	--	--	--
Bromomethane	**8260B**	--	--	--	--	--	--	--
CarbonDisulfide	**8260B**	--	--	--	--	--	--	--
CarbonTetrachloride	**8260B**	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 UJ
Chlorobenzene	**8260B**	--	--	--	--	--	--	--
Chloroethane	**8260B**	--	--	--	--	--	--	--
Chloroform	**8260B**	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 UJ
Chloromethane	**8260B**	--	--	--	--	--	--	--
Chloroprene	**8260B**	--	--	--	--	--	--	--
cis-1,2-Dichloroethene	**8260B**	0.21 J	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 UJ
cis-1,3-Dichloropropene	**8260B**	--	--	--	--	--	--	--
Cumene	**8260B**	--	--	--	--	--	--	--
Dibromochloromethane	**8260B**	--	--	--	--	--	--	--
Dibromomethane	**8260B**	--	--	--	--	--	--	--
Dichlorodifluoromethane	**8260B**	--	--	--	--	--	--	--
Diisopropylether	**8260B**	--	--	--	--	--	--	--
Ethylcyanide	**8260B**	--	--	--	--	--	--	--
Ethylmethacrylate	**8260B**	--	--	--	--	--	--	--
Ethylbenzene	**8260B**	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 UJ
Hexachlorobutadiene	**8260B**	--	--	--	--	--	--	--
Iodomethane	**8260B**	--	--	--	--	--	--	--
Isobutanol	**8260B**	--	--	--	--	--	--	--
Isopropanol	**8260B**	13 U	13 U	13 U	13 U	13 U	13 U	--
Methacrylonitrile	**8260B**	--	--	--	--	--	--	--
Methylethylketone	**8260B**	2 U	2 U	2 U	2 U	2 U	2 U	2 UJ
Methylisobutylketone(MIBK)	**8260B**	--	--	--	--	--	--	--
Methylmethacrylate	**8260B**	--	--	--	--	--	--	--
Methyltert-butylether	**8260B**	0.25 U	--	--	--	--	--	--
Methylenechloride	**8260B**	0.32 U	0.32 U	0.32 U	0.32 U	5 U	0.32 U	0.32 UJ
m-Xylene&p-Xylene	**8260B**	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 UJ
n-Butylbenzene	**8260B**	--	--	--	--	--	--	--
n-Propylbenzene	**8260B**	--	--	--	--	--	--	--
o-Chlorotoluene	**8260B**	--	--	--	--	--	--	--
o-Xylene	**8260B**	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 UJ
p-Chlorotoluene	**8260B**	--	--	--	--	--	--	--
p-Cymene	**8260B**	--	--	--	--	--	--	--
sec-Butylbenzene	**8260B**	--	--	--	--	--	--	--
sec-Dichloropropane	**8260B**	--	--	--	--	--	--	--
Styrene	**8260B**	--	--	--	--	--	--	--
tert-Amylmethylether	**8260B**	--	--	--	--	--	--	--
tert-Butylalcohol	**8260B**	11 U	--	--	--	--	--	--
tert-Butylethylether	**8260B**	--	--	--	--	--	--	--
tert-Butylbenzene	**8260B**	--	--	--	--	--	--	--
Tetrachloroethene	**8260B**	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 UJ
Tetrahydrofuran	**8260B**	--	--	--	--	--	--	--
Toluene	**8260B**	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 UJ
trans-1,2-Dichloroethene	**8260B**	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 UJ
trans-1,3-Dichloropropene	**8260B**	--	--	--	--	--	--	--
trans-1,4-Dichloro-2-butene	**8260B**	--	--	--	--	--	--	--
Trichloroethene	**8260B**	0.19 J	0.16 U	0.16 U	0.16 U	0.38 J	0.37 J	0.87 J
Trichlorofluoromethane	**8260B**	0.29 U	0.29 U	0.29 U	0.29 U	0.29 U	0.29 U	0.29 UJ
Vinylacetate	**8260B**	--	--	--	--	--	--	--
Vinylchloride	**8260B**	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 UJ
Xylenes,Total	**8260B**	--	--	--	--	--	--	--

TABLE 12
VOLATILE ORGANIC COMPOUNDS ANALYTICAL RESULTS, 2012
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

	Well Identifier:	RD-40	RD-41A	RD-41B	RD-41B	RD-41B	RD-41C	RD-41C
	SampleType:	Primary	Primary	Primary	Primary	Field Duplicate	Primary	Primary
	Sample Name:	RD-40_071112_01	RD-41A_012712_01	RD-41B_012712_01	RD-41B_072712_01	RD-41B_072712_36	RD-41C_012712_01	RD-41C_072712_01
	Groundwater Unit:	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth
	Lab Name:	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
	Collection Date:	7/11/2012	1/27/2012	1/27/2012	7/27/2012	7/27/2012	1/27/2012	7/27/2012
Analyte (µg/L)	Method							
1,1,1,2-Tetrachloroethane	8260B	--	--	--	--	--	--	--
1,1,1-Trichloroethane	8260B	0.16 U	0.16 U	0.8 U	0.8 UJ	0.8 UJ	--	--
1,1,2,2-Tetrachloroethane	8260B	--	--	--	--	--	--	--
1,1,2-Trichloro-1,2,2-trifluoroethane	8260B	0.42 U	0.42 U	2.1 U	2.1 UJ	2.1 UJ	--	--
1,1,2-Trichloroethane	8260B	0.27 U	0.27 U	1.4 U	1.4 UJ	1.4 UJ	--	--
1,1-Dichloroethane	8260B	0.22 U	0.22 U	1.1 U	1.1 UJ	1.1 UJ	--	--
1,1-Dichloroethene	8260B	0.23 U	0.23 U	4.4 J	3.4 J	3.5 J	--	--
1,1-Dichloropropene	8260B	--	--	--	--	--	--	--
1,2,3-Trichlorobenzene	8260B	--	--	--	--	--	--	--
1,2,3-Trichloropropane	524.2	--	--	--	--	--	--	--
1,2,3-Trichloropropane	524M	--	--	--	--	--	--	--
1,2,3-Trichloropropane	8260B	--	--	--	--	--	--	--
1,2,4-Trichlorobenzene	8260B	--	--	--	--	--	--	--
1,2,4-Trimethylbenzene	8260B	--	--	--	--	--	--	--
1,2-Dibromo-3-chloropropane	504.1	--	--	--	--	--	--	--
1,2-Dibromo-3-chloropropane	8260B	--	--	--	--	--	--	--
1,2-Dibromoethane	504.1	--	--	--	--	--	--	--
1,2-Dibromoethane	8260B	--	--	--	--	--	--	--
1,2-Dichlorobenzene	8260B	--	--	--	--	--	--	--
1,2-Dichloroethane	8260B	0.13 U	0.13 U	0.65 U	0.65 UJ	0.65 UJ	--	--
1,2-Dichloropropane	8260B	--	--	--	--	--	--	--
1,3,5-Trimethylbenzene	8260B	--	--	--	--	--	--	--
1,3-Dichlorobenzene	8260B	--	--	--	--	--	--	--
1,4-Dichlorobenzene	8260B	--	--	--	--	--	--	--
1,4-Dioxane	8260B SIM	0.22 U	0.64 U	0.97 J	1.1 J	0.22 U	--	--
2-Chloroethylvinylether	8260B	--	--	--	--	--	--	--
2-Hexanone	8260B	--	--	--	--	--	--	--
Acetone	8260B	1.9 U	1.9 U	9.5 U	9.5 UJ	9.5 UJ	--	--
Acetonitrile	8260B	--	--	--	--	--	--	--
Acrolein	8260B	--	--	--	--	--	--	--
Acrylonitrile	8260B	--	--	--	--	--	--	--
Allylchloride	8260B	--	--	--	--	--	--	--
Benzene	8260B	0.16 U	0.16 U	0.8 U	0.8 UJ	0.8 UJ	--	--
Bromobenzene	8260B	--	--	--	--	--	--	--
Bromochloromethane	8260B	--	--	--	--	--	--	--
Bromodichloromethane	8260B	--	--	--	--	--	--	--
Bromoform	8260B	--	--	--	--	--	--	--
Bromomethane	8260B	--	--	--	--	--	--	--
CarbonDisulfide	8260B	--	--	--	--	--	--	--
CarbonTetrachloride	8260B	0.19 U	0.19 U	0.95 U	0.95 UJ	0.95 UJ	--	--
Chlorobenzene	8260B	--	--	--	--	--	--	--
Chloroethane	8260B	--	--	--	--	--	--	--
Chloroform	8260B	0.16 U	0.16 U	0.8 U	0.8 UJ	0.8 UJ	--	--
Chloromethane	8260B	--	--	--	--	--	--	--
Chloroprene	8260B	--	--	--	--	--	--	--
cis-1,2-Dichloroethene	8260B	0.15 U	3.3	1200	1100 J	1100 J	--	--
cis-1,3-Dichloropropene	8260B	--	--	--	--	--	--	--
Cumene	8260B	--	--	--	--	--	--	--
Dibromochloromethane	8260B	--	--	--	--	--	--	--
Dibromomethane	8260B	--	--	--	--	--	--	--
Dichlorodifluoromethane	8260B	--	--	--	--	--	--	--
Diisopropylether	8260B	--	--	--	--	--	--	--
Ethylcyanide	8260B	--	--	--	--	--	--	--
Ethylmethacrylate	8260B	--	--	--	--	--	--	--
Ethylbenzene	8260B	0.16 U	0.16 U	0.8 U	0.8 UJ	0.8 UJ	--	--
Hexachlorobutadiene	8260B	--	--	--	--	--	--	--
Iodomethane	8260B	--	--	--	--	--	--	--
Isobutanol	8260B	--	--	--	--	--	--	--
Isopropanol	8260B	--	--	--	--	--	--	--
Methacrylonitrile	8260B	--	--	--	--	--	--	--
Methylethylketone	8260B	2 U	2 U	10 U	10 UJ	10 UJ	--	--
Methylisobutylketone(MIBK)	8260B	--	--	--	--	--	--	--
Methylmethacrylate	8260B	--	--	--	--	--	--	--
Methyltert-butylether	8260B	--	--	1.3 U	1.3 UJ	1.3 UJ	0.25 U	0.25 U
Methylenechloride	8260B	0.32 U	0.32 U	25 U	2 J	2.1 J	--	--
m-Xylene&p-Xylene	8260B	0.34 U	0.34 U	1.7 U	1.7 UJ	1.7 UJ	--	--
n-Butylbenzene	8260B	--	--	--	--	--	--	--
n-Propylbenzene	8260B	--	--	--	--	--	--	--
o-Chlorotoluene	8260B	--	--	--	--	--	--	--
o-Xylene	8260B	0.19 U	0.19 U	0.95 U	0.95 UJ	0.95 UJ	--	--
p-Chlorotoluene	8260B	--	--	--	--	--	--	--
p-Cymene	8260B	--	--	--	--	--	--	--
sec-Butylbenzene	8260B	--	--	--	--	--	--	--
sec-Dichloropropane	8260B	--	--	--	--	--	--	--
Styrene	8260B	--	--	--	--	--	--	--
tert-Amylmethylether	8260B	--	--	--	--	--	--	--
tert-Butylalcohol	8260B	--	--	55 U	55 UJ	55 UJ	11 U	11 U
tert-Butylethylether	8260B	--	--	--	--	--	--	--
tert-Butylbenzene	8260B	--	--	--	--	--	--	--
Tetrachloroethene	8260B	0.2 U	0.2 U	1 U	1 UJ	1 UJ	--	--
Tetrahydrofuran	8260B	--	--	--	--	--	--	--
Toluene	8260B	0.17 U	0.17 U	0.85 U	0.85 UJ	0.85 UJ	--	--
trans-1,2-Dichloroethene	8260B	0.15 U	0.31 J	110	110 J	100 J	--	--
trans-1,3-Dichloropropene	8260B	--	--	--	--	--	--	--
trans-1,4-Dichloro-2-butene	8260B	--	--	--	--	--	--	--
Trichloroethene	8260B	0.16 U	6.2	22	12 J	11 J	--	--
Trichlorofluoromethane	8260B	0.29 U	0.29 U	1.5 U	1.5 UJ	1.5 UJ	--	--
Vinylacetate	8260B	--	--	--	--	--	--	--
Vinylchloride	8260B	0.1 U	0.1 U	18	13 J	13 J	--	--
Xylenes,Total	8260B	--	--	--	--	--	--	--

TABLE 12
VOLATILE ORGANIC COMPOUNDS ANALYTICAL RESULTS, 2012
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

	Well Identifier:	RD-42	RD-42	RD-43A	RD-43A	RD-43B	RD-43B	RD-43C
	SampleType:	Primary	Primary	Primary	Primary	Primary	Primary	Primary
	Sample Name:	RD-42_021612_01	RD-42_071112_01	RD-43A_012012_01	RD-43A_080112_01	RD-43B_012012_01	RD-43B_080112_01	RD-43C_012012_01
	Groundwater Unit:	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth
	Lab Name:	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
	Collection Date:	2/16/2012	7/11/2012	1/20/2012	8/1/2012	1/20/2012	8/1/2012	1/20/2012
Analyte (µg/L)	**Method**							
1,1,1,2-Tetrachloroethane	**8260B**	--	--	--	--	--	--	--
1,1,1-Trichloroethane	**8260B**	0.16 U	0.16 U	0.16 U	0.16 UJ	0.16 U	0.16 UJ	0.16 U
1,1,2,2-Tetrachloroethane	**8260B**	--	--	--	--	--	--	--
1,1,2-Trichloro-1,2,2-trifluoroethane	**8260B**	0.42 U	0.42 U	0.42 U	0.42 UJ	0.42 U	0.42 UJ	0.42 U
1,1,2-Trichloroethane	**8260B**	0.27 U	0.27 U	0.27 U	0.27 UJ	0.27 U	0.27 UJ	0.27 U
1,1-Dichloroethane	**8260B**	0.22 U	0.22 U	0.22 U	0.22 UJ	0.22 U	0.22 UJ	0.22 U
1,1-Dichloroethene	**8260B**	0.79 J	1.2 J	0.23 U	0.23 UJ	0.23 U	0.23 UJ	0.23 U
1,1-Dichloropropene	**8260B**	--	--	--	--	--	--	--
1,2,3-Trichlorobenzene	**8260B**	--	--	--	--	--	--	--
1,2,3-Trichloropropane	**524.2**	--	--	0.0017 U	0.0017 U	0.0017 U	0.0017 U	0.0017 U
1,2,3-Trichloropropane	**524M**	--	--	--	--	--	--	--
1,2,3-Trichloropropane	**8260B**	--	--	--	--	--	--	--
1,2,4-Trichlorobenzene	**8260B**	--	--	--	--	--	--	--
1,2,4-Trimethylbenzene	**8260B**	--	--	--	--	--	--	--
1,2-Dibromo-3-chloropropane	**504.1**	--	--	--	--	--	--	--
1,2-Dibromo-3-chloropropane	**8260B**	--	--	--	--	--	--	--
1,2-Dibromoethane	**504.1**	--	--	--	--	--	--	--
1,2-Dibromoethane	**8260B**	--	--	--	--	--	--	--
1,2-Dichlorobenzene	**8260B**	--	--	--	--	--	--	--
1,2-Dichloroethane	**8260B**	0.13 U	0.13 U	0.13 U	0.13 UJ	0.13 U	0.13 UJ	0.13 U
1,2-Dichloropropane	**8260B**	--	--	--	--	--	--	--
1,3,5-Trimethylbenzene	**8260B**	--	--	--	--	--	--	--
1,3-Dichlorobenzene	**8260B**	--	--	--	--	--	--	--
1,4-Dichlorobenzene	**8260B**	--	--	--	--	--	--	--
1,4-Dioxane	**8260B SIM**	1.9 J	1.9 J	0.64 U	0.22 U	0.64 U	0.22 U	0.64 U
2-Chloroethylvinylether	**8260B**	--	--	--	--	--	--	--
2-Hexanone	**8260B**	--	--	--	--	--	--	--
Acetone	**8260B**	1.9 U	4.4 J	8.7 J	1.9 UJ	1.9 U	1.9 UJ	1.9 U
Acetonitrile	**8260B**	--	--	--	--	--	--	--
Acrolein	**8260B**	--	--	--	--	--	--	--
Acrylonitrile	**8260B**	--	--	--	--	--	--	--
Allylchloride	**8260B**	--	--	--	--	--	--	--
Benzene	**8260B**	0.16 U	0.16 U	0.16 U	0.16 UJ	0.16 U	0.16 UJ	0.16 U
Bromobenzene	**8260B**	--	--	--	--	--	--	--
Bromochloromethane	**8260B**	--	--	--	--	--	--	--
Bromodichloromethane	**8260B**	--	--	--	--	--	--	--
Bromoform	**8260B**	--	--	--	--	--	--	--
Bromomethane	**8260B**	--	--	--	--	--	--	--
CarbonDisulfide	**8260B**	--	--	--	--	--	--	--
CarbonTetrachloride	**8260B**	0.19 U	0.19 U	0.19 U	0.19 UJ	0.19 U	0.19 UJ	0.19 U
Chlorobenzene	**8260B**	--	--	--	--	--	--	--
Chloroethane	**8260B**	--	--	--	--	--	--	--
Chloroform	**8260B**	0.16 U	0.16 U	0.16 U	0.16 UJ	0.16 U	0.16 UJ	0.16 U
Chloromethane	**8260B**	--	--	--	--	--	--	--
Chloroprene	**8260B**	--	--	--	--	--	--	--
cis-1,2-Dichloroethene	**8260B**	0.15 U	0.15 U	0.15 U	0.15 UJ	0.15 U	0.15 UJ	0.15 U
cis-1,3-Dichloropropene	**8260B**	--	--	--	--	--	--	--
Cumene	**8260B**	--	--	--	--	--	--	--
Dibromochloromethane	**8260B**	--	--	--	--	--	--	--
Dibromomethane	**8260B**	--	--	--	--	--	--	--
Dichlorodifluoromethane	**8260B**	--	--	--	--	--	--	--
Diisopropylether	**8260B**	--	--	--	--	--	--	--
Ethylcyanide	**8260B**	--	--	--	--	--	--	--
Ethylmethacrylate	**8260B**	--	--	--	--	--	--	--
Ethylbenzene	**8260B**	0.16 U	0.16 U	0.16 U	0.16 UJ	0.16 U	0.16 UJ	0.16 U
Hexachlorobutadiene	**8260B**	--	--	--	--	--	--	--
Iodomethane	**8260B**	--	--	--	--	--	--	--
Isobutanol	**8260B**	--	--	--	--	--	--	--
Isopropanol	**8260B**	--	--	13 U	13 UJ	13 U	13 UJ	13 U
Methacrylonitrile	**8260B**	--	--	--	--	--	--	--
Methylethylketone	**8260B**	2 U	2 UJ	2 U	2 UJ	2 U	2 UJ	2 U
Methylisobutylketone(MIBK)	**8260B**	--	--	--	--	--	--	--
Methylmethacrylate	**8260B**	--	--	--	--	--	--	--
Methyltert-butylether	**8260B**	--	--	--	--	--	--	--
Methylenechloride	**8260B**	0.32 U	0.32 U	5 U	0.32 UJ	0.32 U	0.32 UJ	0.32 U
m-Xylene&p-Xylene	**8260B**	0.34 U	0.34 U	0.34 U	0.34 UJ	0.34 U	0.34 UJ	0.34 U
n-Butylbenzene	**8260B**	--	--	--	--	--	--	--
n-Propylbenzene	**8260B**	--	--	--	--	--	--	--
o-Chlorotoluene	**8260B**	--	--	--	--	--	--	--
o-Xylene	**8260B**	0.19 U	0.19 U	0.19 U	0.19 UJ	0.19 U	0.19 UJ	0.19 U
p-Chlorotoluene	**8260B**	--	--	--	--	--	--	--
p-Cymene	**8260B**	--	--	--	--	--	--	--
sec-Butylbenzene	**8260B**	--	--	--	--	--	--	--
sec-Dichloropropane	**8260B**	--	--	--	--	--	--	--
Styrene	**8260B**	--	--	--	--	--	--	--
tert-Amylmethylether	**8260B**	--	--	--	--	--	--	--
tert-Butylalcohol	**8260B**	--	--	--	--	--	--	--
tert-Butylethylether	**8260B**	--	--	--	--	--	--	--
tert-Butylbenzene	**8260B**	--	--	--	--	--	--	--
Tetrachloroethene	**8260B**	0.2 U	0.2 U	0.2 U	0.2 UJ	0.2 U	0.2 UJ	0.2 U
Tetrahydrofuran	**8260B**	--	--	--	--	--	--	--
Toluene	**8260B**	0.17 U	0.17 U	0.17 U	0.17 UJ	0.17 U	0.17 UJ	0.17 U
trans-1,2-Dichloroethene	**8260B**	0.15 U	0.15 U	0.15 U	0.15 UJ	0.15 U	0.15 UJ	0.15 U
trans-1,3-Dichloropropene	**8260B**	--	--	--	--	--	--	--
trans-1,4-Dichloro-2-butene	**8260B**	--	--	--	--	--	--	--
Trichloroethene	**8260B**	0.18 J	0.16 U	0.16 U	0.16 UJ	0.16 U	0.16 UJ	0.16 U
Trichlorofluoromethane	**8260B**	0.29 U	0.29 U	0.29 U	0.29 UJ	0.29 U	0.29 UJ	0.29 U
Vinylacetate	**8260B**	--	--	--	--	--	--	--
Vinylchloride	**8260B**	0.1 U	0.1 U	0.1 U	0.1 UJ	0.1 U	0.1 UJ	0.1 U
Xylenes,Total	**8260B**	--	--	--	--	--	--	--

TABLE 12
VOLATILE ORGANIC COMPOUNDS ANALYTICAL RESULTS, 2012
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

	Well Identifier:	RD-43C	RD-43C	RD-44	RD-44	RD-45A	RD-45A	RD-45B
	SampleType:	Primary	Field Duplicate	Primary	Primary	Primary	Primary	Primary
	Sample Name:	RD-43C_080112_01	RD-43C_080112_36	RD-44_020212_01	RD-44_080112_01	RD-45A_021412_01	RD-45A_072512_01	RD-45B_021412_01
	Groundwater Unit:	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth
	Lab Name:	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
	Collection Date:	8/1/2012	8/1/2012	2/2/2012	8/1/2012	2/14/2012	7/25/2012	2/14/2012
Analyte (µg/L)	Method							
1,1,1,2-Tetrachloroethane	8260B	--	--	--	--	--	--	--
1,1,1-Trichloroethane	8260B	0.16 U	0.16 U	0.16 U	0.16 U	0.32 U	0.16 UJ	0.16 U
1,1,2,2-Tetrachloroethane	8260B	--	--	--	--	--	--	--
1,1,2-Trichloro-1,2,2-trifluoroethane	8260B	0.42 U	0.42 U	0.42 U	0.42 U	0.84 U	0.42 UJ	0.42 U
1,1,2-Trichloroethane	8260B	0.27 U	0.27 U	0.27 U	0.27 U	0.54 U	0.27 UJ	0.27 U
1,1-Dichloroethane	8260B	0.22 U	0.22 U	0.22 U	0.22 U	0.55 J	0.46 J	0.22 U
1,1-Dichloroethene	8260B	0.23 U	0.23 U	0.23 U	0.23 U	1.4 J	1.3 J	0.23 U
1,1-Dichloropropene	8260B	--	--	--	--	--	--	--
1,2,3-Trichlorobenzene	8260B	--	--	--	--	--	--	--
1,2,3-Trichloropropane	524.2	0.0017 U	0.0017 U	--	--	0.0017 U	0.0017 U	0.0017 U
1,2,3-Trichloropropane	524M	--	--	--	--	--	--	--
1,2,3-Trichloropropane	8260B	--	--	--	--	--	--	--
1,2,4-Trichlorobenzene	8260B	--	--	--	--	--	--	--
1,2,4-Trimethylbenzene	8260B	--	--	--	--	--	--	--
1,2-Dibromo-3-chloropropane	504.1	--	--	--	--	--	--	--
1,2-Dibromo-3-chloropropane	8260B	--	--	--	--	--	--	--
1,2-Dibromoethane	504.1	--	--	--	--	--	--	--
1,2-Dibromoethane	8260B	--	--	--	--	--	--	--
1,2-Dichlorobenzene	8260B	--	--	--	--	--	--	--
1,2-Dichloroethane	8260B	0.13 U	0.13 U	0.13 U	0.13 U	0.26 U	0.13 UJ	0.13 U
1,2-Dichloropropane	8260B	--	--	--	--	--	--	--
1,3,5-Trimethylbenzene	8260B	--	--	--	--	--	--	--
1,3-Dichlorobenzene	8260B	--	--	--	--	--	--	--
1,4-Dichlorobenzene	8260B	--	--	--	--	--	--	--
1,4-Dioxane	8260B SIM	0.22 U	0.22 U	0.64 U	0.22 U	2.8	2.6	0.64 U
2-Chloroethylvinylether	8260B	--	--	--	--	--	--	--
2-Hexanone	8260B	--	--	--	--	--	--	--
Acetone	8260B	1.9 U	1.9 U	10 U	1.9 U	3.8 U	4.1 J	1.9 U
Acetonitrile	8260B	--	--	--	--	--	--	--
Acrolein	8260B	--	--	--	--	--	--	--
Acrylonitrile	8260B	--	--	--	--	--	--	--
Allylchloride	8260B	--	--	--	--	--	--	--
Benzene	8260B	0.16 U	0.16 U	0.16 U	0.16 U	0.32 U	0.16 UJ	0.16 U
Bromobenzene	8260B	--	--	--	--	--	--	--
Bromochloromethane	8260B	--	--	--	--	--	--	--
Bromodichloromethane	8260B	--	--	--	--	--	--	--
Bromoform	8260B	--	--	--	--	--	--	--
Bromomethane	8260B	--	--	--	--	--	--	--
CarbonDisulfide	8260B	--	--	--	--	--	--	--
CarbonTetrachloride	8260B	0.19 U	0.19 U	0.19 U	0.19 U	0.38 U	0.19 UJ	0.19 U
Chlorobenzene	8260B	--	--	--	--	--	--	--
Chloroethane	8260B	--	--	--	--	--	--	--
Chloroform	8260B	0.16 U	0.16 U	0.16 U	0.16 U	0.32 U	0.16 UJ	0.16 U
Chloromethane	8260B	--	--	--	--	--	--	--
Chloroprene	8260B	--	--	--	--	--	--	--
cis-1,2-Dichloroethene	8260B	0.15 U	0.15 U	0.15 U	0.15 U	100	140	35
cis-1,3-Dichloropropene	8260B	--	--	--	--	--	--	--
Cumene	8260B	--	--	--	--	--	--	--
Dibromochloromethane	8260B	--	--	--	--	--	--	--
Dibromomethane	8260B	--	--	--	--	--	--	--
Dichlorodifluoromethane	8260B	--	--	--	--	--	--	--
Diisopropylether	8260B	--	--	--	--	--	--	--
Ethylcyanide	8260B	--	--	--	--	--	--	--
Ethylmethacrylate	8260B	--	--	--	--	--	--	--
Ethylbenzene	8260B	0.16 U	0.16 U	0.16 U	0.16 U	0.32 U	0.16 UJ	0.16 U
Hexachlorobutadiene	8260B	--	--	--	--	--	--	--
Iodomethane	8260B	--	--	--	--	--	--	--
Isobutanol	8260B	--	--	--	--	--	--	--
Isopropanol	8260B	13 U	13 U	--	--	26 U	13 UJ	13 U
Methacrylonitrile	8260B	--	--	--	--	--	--	--
Methylethylketone	8260B	2 U	2 U	2 U	2 U	4 U	2 UJ	2 U
Methylisobutylketone(MIBK)	8260B	--	--	--	--	--	--	--
Methylmethacrylate	8260B	--	--	--	--	--	--	--
Methyltert-butylether	8260B	--	--	--	--	--	--	--
Methylenechloride	8260B	0.32 U	0.32 U	0.32 U	0.32 U	10 U	0.32 UJ	5 U
m-Xylene&p-Xylene	8260B	0.34 U	0.34 U	0.34 U	0.34 U	0.68 U	0.34 UJ	0.34 U
n-Butylbenzene	8260B	--	--	--	--	--	--	--
n-Propylbenzene	8260B	--	--	--	--	--	--	--
o-Chlorotoluene	8260B	--	--	--	--	--	--	--
o-Xylene	8260B	0.19 U	0.19 U	0.19 U	0.19 U	0.38 U	0.19 UJ	0.19 U
p-Chlorotoluene	8260B	--	--	--	--	--	--	--
p-Cymene	8260B	--	--	--	--	--	--	--
sec-Butylbenzene	8260B	--	--	--	--	--	--	--
sec-Dichloropropane	8260B	--	--	--	--	--	--	--
Styrene	8260B	--	--	--	--	--	--	--
tert-Amylmethylether	8260B	--	--	--	--	--	--	--
tert-Butylalcohol	8260B	--	--	--	--	--	--	--
tert-Butylethylether	8260B	--	--	--	--	--	--	--
tert-Butylbenzene	8260B	--	--	--	--	--	--	--
Tetrachloroethene	8260B	0.2 U	0.2 U	0.2 U	0.2 U	0.4 U	0.2 UJ	0.2 U
Tetrahydrofuran	8260B	--	--	--	--	--	--	--
Toluene	8260B	0.17 U	0.17 U	0.17 U	0.17 U	0.34 U	0.17 UJ	0.17 U
trans-1,2-Dichloroethene	8260B	0.15 U	0.15 U	0.15 U	0.15 U	5.4	6.1 J	1.7
trans-1,3-Dichloropropene	8260B	--	--	--	--	--	--	--
trans-1,4-Dichloro-2-butene	8260B	--	--	--	--	--	--	--
Trichloroethene	8260B	0.16 U	0.16 U	0.16 U	0.16 U	430	330	1.5
Trichlorofluoromethane	8260B	0.29 U	0.29 U	0.29 U	0.29 U	0.58 U	0.29 UJ	0.29 U
Vinylacetate	8260B	--	--	--	--	--	--	--
Vinylchloride	8260B	0.1 U	0.1 U	0.1 U	0.1 U	0.2 U	0.1 UJ	0.1 U
Xylenes,Total	8260B	--	--	--	--	--	--	--

TABLE 12
VOLATILE ORGANIC COMPOUNDS ANALYTICAL RESULTS, 2012
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		RD-45B	RD-45C	RD-45C	RD-46A	RD-46A	RD-46B	RD-46B
SampleType:		Primary	Primary	Primary	Primary	Primary	Primary	Primary
Sample Name:		RD-45B_072512_01	RD-45C_021412_01	RD-45C_072512_01	RD-46A_020112_01	RD-46A_072012_01	RD-46B_020112_01	RD-46B_072012_01
Groundwater Unit:		Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth
Lab Name:		TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
Collection Date:		7/25/2012	2/14/2012	7/25/2012	2/1/2012	7/20/2012	2/1/2012	7/20/2012
Analyte (µg/L)	**Method**							
1,1,1,2-Tetrachloroethane	**8260B**	--	--	--	--	--	--	--
1,1,1-Trichloroethane	**8260B**	0.16 U	0.16 U	0.16 U	16 U	16 U	0.16 U	0.16 U
1,1,2,2-Tetrachloroethane	**8260B**	--	--	--	--	--	--	--
1,1,2-Trichloro-1,2,2-trifluoroethane	**8260B**	0.42 U	0.42 U	0.42 U	42 U	42 U	0.42 U	0.42 U
1,1,2-Trichloroethane	**8260B**	0.27 U	0.27 U	0.27 U	27 U	27 U	0.27 U	0.27 U
1,1-Dichloroethane	**8260B**	0.22 U	0.22 U	0.22 U	22 U	22 U	0.22 U	0.22 U
1,1-Dichloroethene	**8260B**	0.23 U	0.23 U	0.23 U	23 U	23 U	0.23 U	0.23 U
1,1-Dichloropropene	**8260B**	--	--	--	--	--	--	--
1,2,3-Trichlorobenzene	**8260B**	--	--	--	--	--	--	--
1,2,3-Trichloropropane	**524.2**	0.0017 U	0.0017 U	0.0017 U	0.013	0.013	0.0017 U	0.0017 U
1,2,3-Trichloropropane	**524M**	--	--	--	--	--	--	--
1,2,3-Trichloropropane	**8260B**	--	--	--	--	--	--	--
1,2,4-Trichlorobenzene	**8260B**	--	--	--	--	--	--	--
1,2,4-Trimethylbenzene	**8260B**	--	--	--	--	--	--	--
1,2-Dibromo-3-chloropropane	**504.1**	--	--	--	--	--	--	--
1,2-Dibromo-3-chloropropane	**8260B**	--	--	--	--	--	--	--
1,2-Dibromoethane	**504.1**	--	--	--	--	--	--	--
1,2-Dibromoethane	**8260B**	--	--	--	--	--	--	--
1,2-Dichlorobenzene	**8260B**	--	--	--	--	--	--	--
1,2-Dichloroethane	**8260B**	0.13 U	0.13 U	0.13 U	13 U	13 U	0.13 U	0.13 U
1,2-Dichloropropane	**8260B**	--	--	--	--	--	--	--
1,3,5-Trimethylbenzene	**8260B**	--	--	--	--	--	--	--
1,3-Dichlorobenzene	**8260B**	--	--	--	--	--	--	--
1,4-Dichlorobenzene	**8260B**	--	--	--	--	--	--	--
1,4-Dioxane	**8260B SIM**	1.4 J	0.64 U	0.22 U	1.5 J	1.3 J	0.64 U	0.22 U
2-Chloroethylvinylether	**8260B**	--	--	--	--	--	--	--
2-Hexanone	**8260B**	--	--	--	--	--	--	--
Acetone	**8260B**	2.2 J	1.9 U	4.1 J	190 U	570 J	10 U	5.7 J
Acetonitrile	**8260B**	--	--	--	--	--	--	--
Acrolein	**8260B**	--	--	--	--	--	--	--
Acrylonitrile	**8260B**	--	--	--	--	--	--	--
Allylchloride	**8260B**	--	--	--	--	--	--	--
Benzene	**8260B**	0.16 U	0.16 U	0.16 U	16 U	16 U	0.16 U	0.16 U
Bromobenzene	**8260B**	--	--	--	--	--	--	--
Bromochloromethane	**8260B**	--	--	--	--	--	--	--
Bromodichloromethane	**8260B**	--	--	--	--	--	--	--
Bromoform	**8260B**	--	--	--	--	--	--	--
Bromomethane	**8260B**	--	--	--	--	--	--	--
CarbonDisulfide	**8260B**	--	--	--	--	--	--	--
CarbonTetrachloride	**8260B**	0.19 U	0.19 U	0.19 U	19 U	19 U	0.19 U	0.19 U
Chlorobenzene	**8260B**	--	--	--	--	--	--	--
Chloroethane	**8260B**	--	--	--	--	--	--	--
Chloroform	**8260B**	0.16 U	0.16 U	0.16 U	16 U	16 U	0.16 U	0.16 U
Chloromethane	**8260B**	--	--	--	--	--	--	--
Chloroprene	**8260B**	--	--	--	--	--	--	--
cis-1,2-Dichloroethene	**8260B**	40	0.15 U	0.15 U	500	500	0.22 J	0.63 J
cis-1,3-Dichloropropene	**8260B**	--	--	--	--	--	--	--
Cumene	**8260B**	--	--	--	--	--	--	--
Dibromochloromethane	**8260B**	--	--	--	--	--	--	--
Dibromomethane	**8260B**	--	--	--	--	--	--	--
Dichlorodifluoromethane	**8260B**	--	--	--	--	--	--	--
Diisopropylether	**8260B**	--	--	--	--	--	--	--
Ethylcyanide	**8260B**	--	--	--	--	--	--	--
Ethylmethacrylate	**8260B**	--	--	--	--	--	--	--
Ethylbenzene	**8260B**	0.16 U	0.16 U	0.16 U	16 U	16 U	0.16 U	0.16 U
Hexachlorobutadiene	**8260B**	--	--	--	--	--	--	--
Iodomethane	**8260B**	--	--	--	--	--	--	--
Isobutanol	**8260B**	--	--	--	--	--	--	--
Isopropanol	**8260B**	13 U	13 U	13 U	1300 U	1300 U	13 U	13 U
Methacrylonitrile	**8260B**	--	--	--	--	--	--	--
Methylethylketone	**8260B**	2 U	2 U	2 U	200 U	200 U	2 U	2 U
Methylisobutylketone(MIBK)	**8260B**	--	--	--	--	--	--	--
Methylmethacrylate	**8260B**	--	--	--	--	--	--	--
Methyltert-butylether	**8260B**	--	--	--	--	--	--	--
Methylenechloride	**8260B**	0.32 U	5 U	0.32 U	500 U	500 U	5 U	5 U
m-Xylene&p-Xylene	**8260B**	0.34 U	0.34 U	0.34 U	34 U	34 U	0.34 U	0.34 U
n-Butylbenzene	**8260B**	--	--	--	--	--	--	--
n-Propylbenzene	**8260B**	--	--	--	--	--	--	--
o-Chlorotoluene	**8260B**	--	--	--	--	--	--	--
o-Xylene	**8260B**	0.19 U	0.19 U	0.19 U	19 U	19 U	0.19 U	0.19 U
p-Chlorotoluene	**8260B**	--	--	--	--	--	--	--
p-Cymene	**8260B**	--	--	--	--	--	--	--
sec-Butylbenzene	**8260B**	--	--	--	--	--	--	--
sec-Dichloropropane	**8260B**	--	--	--	--	--	--	--
Styrene	**8260B**	--	--	--	--	--	--	--
tert-Amylmethylether	**8260B**	--	--	--	--	--	--	--
tert-Butylalcohol	**8260B**	--	--	--	--	--	--	--
tert-Butylethylether	**8260B**	--	--	--	--	--	--	--
tert-Butylbenzene	**8260B**	--	--	--	--	--	--	--
Tetrachloroethene	**8260B**	0.2 U	0.2 U	0.2 U	20 U	20 U	0.2 U	0.2 U
Tetrahydrofuran	**8260B**	--	--	--	--	--	--	--
Toluene	**8260B**	0.17 U	0.17 U	0.17 U	17 U	17 U	1.4	1.2
trans-1,2-Dichloroethene	**8260B**	1.1	0.15 U	0.15 U	15 U	15 U	0.15 U	0.15 U
trans-1,3-Dichloropropene	**8260B**	--	--	--	--	--	--	--
trans-1,4-Dichloro-2-butene	**8260B**	--	--	--	--	--	--	--
Trichloroethene	**8260B**	0.16 U	0.16 U	0.16 U	33000	30000	7.3	23
Trichlorofluoromethane	**8260B**	0.29 U	0.29 U	0.29 U	29 U	29 U	0.29 U	0.29 U
Vinylacetate	**8260B**	--	--	--	--	--	--	--
Vinylchloride	**8260B**	0.2 J	0.1 U	0.1 U	10 U	10 U	0.1 U	0.1 U
Xylenes,Total	**8260B**	--	--	--	--	--	--	--

TABLE 12
VOLATILE ORGANIC COMPOUNDS ANALYTICAL RESULTS, 2012
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

	Well Identifier:	RD-48A	RD-48B	RD-48B	RD-48C	RD-48C	RD-49A	RD-49A
	SampleType:	Primary	Primary	Primary	Primary	Primary	Primary	Primary
	Sample Name:	RD-48A_073112_01	RD-48B_012612_01	RD-48B_073112_01	RD-48C_012612_01	RD-48C_073112_01	RD-49A_021312_01	RD-49A_072612_01
	Groundwater Unit:	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth
	Lab Name:	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
	Collection Date:	7/31/2012	1/26/2012	7/31/2012	1/26/2012	7/31/2012	2/13/2012	7/26/2012
Analyte (µg/L)	**Method**							
1,1,1,2-Tetrachloroethane	**8260B**	--	--	--	--	--	--	--
1,1,1-Trichloroethane	**8260B**	0.16 U	0.16 U	0.16 U	0.16 U	0.16 UJ	0.8 U	--
1,1,2,2-Tetrachloroethane	**8260B**	--	--	--	--	--	--	--
1,1,2-Trichloro-1,2,2-trifluoroethane	**8260B**	0.42 U	0.42 U	0.42 U	0.42 U	0.42 UJ	2.1 U	--
1,1,2-Trichloroethane	**8260B**	0.27 U	0.27 U	0.27 U	0.27 U	0.27 UJ	1.4 U	--
1,1-Dichloroethane	**8260B**	0.22 U	0.22 U	0.22 U	0.22 U	0.22 UJ	1.1 U	--
1,1-Dichloroethene	**8260B**	0.23 U	0.23 U	0.23 U	0.23 U	0.23 UJ	2.7 J	--
1,1-Dichloropropene	**8260B**	--	--	--	--	--	--	--
1,2,3-Trichlorobenzene	**8260B**	--	--	--	--	--	--	--
1,2,3-Trichloropropane	**524.2**	0.0017 U	0.0017 U	0.0017 U	0.0017 U	0.0017 U	--	--
1,2,3-Trichloropropane	**524M**	--	--	--	--	--	--	--
1,2,3-Trichloropropane	**8260B**	--	--	--	--	--	--	--
1,2,4-Trichlorobenzene	**8260B**	--	--	--	--	--	--	--
1,2,4-Trimethylbenzene	**8260B**	--	--	--	--	--	--	--
1,2-Dibromo-3-chloropropane	**504.1**	--	--	--	--	--	--	--
1,2-Dibromo-3-chloropropane	**8260B**	--	--	--	--	--	--	--
1,2-Dibromoethane	**504.1**	--	--	--	--	--	--	--
1,2-Dibromoethane	**8260B**	--	--	--	--	--	--	--
1,2-Dichlorobenzene	**8260B**	--	--	--	--	--	--	--
1,2-Dichloroethane	**8260B**	0.13 U	0.13 U	0.13 U	0.13 U	0.13 UJ	0.65 U	--
1,2-Dichloropropane	**8260B**	--	--	--	--	--	--	--
1,3,5-Trimethylbenzene	**8260B**	--	--	--	--	--	--	--
1,3-Dichlorobenzene	**8260B**	--	--	--	--	--	--	--
1,4-Dichlorobenzene	**8260B**	--	--	--	--	--	--	--
1,4-Dioxane	**8260B SIM**	0.22 U	0.64 U	0.22 U	0.64 U	0.22 U	0.64 U	--
2-Chloroethylvinylether	**8260B**	--	--	--	--	--	--	--
2-Hexanone	**8260B**	--	--	--	--	--	--	--
Acetone	**8260B**	1.9 U	13 UJ	1.9 U	110 UJ	1.9 UJ	9.5 U	--
Acetonitrile	**8260B**	--	--	--	--	--	--	--
Acrolein	**8260B**	--	--	--	--	--	--	--
Acrylonitrile	**8260B**	--	--	--	--	--	--	--
Allylchloride	**8260B**	--	--	--	--	--	--	--
Benzene	**8260B**	0.16 U	0.16 U	0.16 U	0.16 U	0.16 UJ	0.8 U	--
Bromobenzene	**8260B**	--	--	--	--	--	--	--
Bromochloromethane	**8260B**	--	--	--	--	--	--	--
Bromodichloromethane	**8260B**	--	--	--	--	--	--	--
Bromoform	**8260B**	--	--	--	--	--	--	--
Bromomethane	**8260B**	--	--	--	--	--	--	--
CarbonDisulfide	**8260B**	--	--	--	--	--	--	--
CarbonTetrachloride	**8260B**	0.19 U	0.19 U	0.19 U	0.19 U	0.19 UJ	0.95 U	--
Chlorobenzene	**8260B**	--	--	--	--	--	--	--
Chloroethane	**8260B**	--	--	--	--	--	--	--
Chloroform	**8260B**	0.16 U	0.16 U	0.16 U	0.16 U	0.16 UJ	0.8 U	--
Chloromethane	**8260B**	--	--	--	--	--	--	--
Chloroprene	**8260B**	--	--	--	--	--	--	--
cis-1,2-Dichloroethene	**8260B**	0.15 U	0.15 U	0.15 U	0.15 U	0.15 UJ	1600	--
cis-1,3-Dichloropropene	**8260B**	--	--	--	--	--	--	--
Cumene	**8260B**	--	--	--	--	--	--	--
Dibromochloromethane	**8260B**	--	--	--	--	--	--	--
Dibromomethane	**8260B**	--	--	--	--	--	--	--
Dichlorodifluoromethane	**8260B**	--	--	--	--	--	--	--
Diisopropylether	**8260B**	--	--	--	--	--	--	--
Ethylcyanide	**8260B**	--	--	--	--	--	--	--
Ethylmethacrylate	**8260B**	--	--	--	--	--	--	--
Ethylbenzene	**8260B**	0.16 U	0.16 U	0.16 U	0.16 U	0.16 UJ	0.8 U	--
Hexachlorobutadiene	**8260B**	--	--	--	--	--	--	--
Iodomethane	**8260B**	--	--	--	--	--	--	--
Isobutanol	**8260B**	--	--	--	--	--	--	--
Isopropanol	**8260B**	13 U	13 U	13 U	13 U	13 UJ	--	--
Methacrylonitrile	**8260B**	--	--	--	--	--	--	--
Methylethylketone	**8260B**	2 U	2 UJ	2 U	2 UJ	2 UJ	10 U	--
Methylisobutylketone(MIBK)	**8260B**	--	--	--	--	--	--	--
Methylmethacrylate	**8260B**	--	--	--	--	--	--	--
Methyltert-butylether	**8260B**	--	--	--	--	--	1.3 U	1.3 UJ
Methylenechloride	**8260B**	0.32 U	5 U	0.32 U	5 U	0.32 UJ	1.6 U	--
m-Xylene&p-Xylene	**8260B**	0.34 U	0.34 U	0.34 U	0.34 U	0.34 UJ	1.7 U	--
n-Butylbenzene	**8260B**	--	--	--	--	--	--	--
n-Propylbenzene	**8260B**	--	--	--	--	--	--	--
o-Chlorotoluene	**8260B**	--	--	--	--	--	--	--
o-Xylene	**8260B**	0.19 U	0.19 U	0.19 U	0.19 U	0.19 UJ	0.95 U	--
p-Chlorotoluene	**8260B**	--	--	--	--	--	--	--
p-Cymene	**8260B**	--	--	--	--	--	--	--
sec-Butylbenzene	**8260B**	--	--	--	--	--	--	--
sec-Dichloropropane	**8260B**	--	--	--	--	--	--	--
Styrene	**8260B**	--	--	--	--	--	--	--
tert-Amylmethylether	**8260B**	--	--	--	--	--	--	--
tert-Butylalcohol	**8260B**	--	--	--	--	--	55 UJ	55 UJ
tert-Butylethylether	**8260B**	--	--	--	--	--	--	--
tert-Butylbenzene	**8260B**	--	--	--	--	--	--	--
Tetrachloroethene	**8260B**	0.2 U	0.2 U	0.2 U	0.2 U	0.2 UJ	1 U	--
Tetrahydrofuran	**8260B**	--	--	--	--	--	--	--
Toluene	**8260B**	0.17 U	0.17 U	0.17 U	0.17 U	0.17 UJ	0.85 U	--
trans-1,2-Dichloroethene	**8260B**	0.15 U	0.15 U	0.15 U	0.15 U	0.15 UJ	150	--
trans-1,3-Dichloropropene	**8260B**	--	--	--	--	--	--	--
trans-1,4-Dichloro-2-butene	**8260B**	--	--	--	--	--	--	--
Trichloroethene	**8260B**	0.16 U	0.16 U	0.16 U	0.16 U	0.16 UJ	490	--
Trichlorofluoromethane	**8260B**	0.29 U	0.29 UJ	0.29 U	0.29 UJ	0.29 UJ	1.5 U	--
Vinylacetate	**8260B**	--	--	--	--	--	--	--
Vinylchloride	**8260B**	0.1 U	0.1 UJ	0.1 U	0.1 UJ	0.1 UJ	0.5 U	--
Xylenes,Total	**8260B**	--	--	--	--	--	--	--

TABLE 12
VOLATILE ORGANIC COMPOUNDS ANALYTICAL RESULTS, 2012
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		RD-49B	RD-49B	RD-49C	RD-49C	RD-50 (Port 2)	RD-50 (Port 2)	RD-51A
SampleType:		Primary	Primary	Primary	Primary	Primary	Split	Primary
Sample Name:		RD-49B_021312_01	RD-49B_072612_01	RD-49C_021312_01	RD-49C_072612_01	RD-50_012612_01	RD-50_012612_03A	RD-51A_020312_01
Groundwater Unit:		Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth
Lab Name:		TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Irvine	TA- Denver
Collection Date:		2/13/2012	7/26/2012	2/13/2012	7/26/2012	1/26/2012	1/26/2012	2/3/2012
Analyte (µg/L)	**Method**							
1,1,1,2-Tetrachloroethane	**8260B**	--	--	0.21 U	--	--	--	--
1,1,1-Trichloroethane	**8260B**	0.16 U	--	0.16 UJ	0.16 UJ	0.16 U	0.3 U	0.16 U
1,1,2,2-Tetrachloroethane	**8260B**	--	--	0.21 U	--	--	--	--
1,1,2-Trichloro-1,2,2-trifluoroethane	**8260B**	0.42 U	--	--	0.42 UJ	0.42 U	0.5 U	0.42 U
1,1,2-Trichloroethane	**8260B**	0.27 U	--	0.27 U	0.27 UJ	0.27 U	0.3 U	0.27 U
1,1-Dichloroethane	**8260B**	0.22 U	--	0.22 U	0.22 UJ	0.22 U	0.4 U	0.22 U
1,1-Dichloroethene	**8260B**	0.75 J	--	0.23 U	0.23 UJ	0.23 U	0.42 U	0.23 U
1,1-Dichloropropene	**8260B**	--	--	--	--	--	--	--
1,2,3-Trichlorobenzene	**8260B**	--	--	--	--	--	--	--
1,2,3-Trichloropropane	**524.2**	--	--	0.0017 U	--	--	--	0.0017 U
1,2,3-Trichloropropane	**524M**	--	--	--	--	--	--	--
1,2,3-Trichloropropane	**8260B**	--	--	--	--	--	--	--
1,2,4-Trichlorobenzene	**8260B**	--	--	--	--	--	--	--
1,2,4-Trimethylbenzene	**8260B**	--	--	--	--	--	--	--
1,2-Dibromo-3-chloropropane	**504.1**	--	--	0.0068 U	--	--	--	--
1,2-Dibromo-3-chloropropane	**8260B**	--	--	--	--	--	--	--
1,2-Dibromoethane	**504.1**	--	--	0.0037 U	--	--	--	--
1,2-Dibromoethane	**8260B**	--	--	--	--	--	--	--
1,2-Dichlorobenzene	**8260B**	--	--	0.15 U	--	--	--	--
1,2-Dichloroethane	**8260B**	0.13 U	--	0.13 U	0.13 UJ	0.13 U	0.28 U	0.13 U
1,2-Dichloropropane	**8260B**	--	--	0.18 U	--	--	--	--
1,3,5-Trimethylbenzene	**8260B**	--	--	--	--	--	--	--
1,3-Dichlorobenzene	**8260B**	--	--	0.13 U	--	--	--	--
1,4-Dichlorobenzene	**8260B**	--	--	0.16 U	--	--	--	--
1,4-Dioxane	**8260B SIM**	1.7 J	--	0.92 J	0.75 J	--	--	0.64 U
2-Chloroethylvinylether	**8260B**	--	--	--	--	--	--	--
2-Hexanone	**8260B**	--	--	1.7 U	--	--	--	--
Acetone	**8260B**	1.9 U	--	1.9 U	1.9 UJ	85 UJ	4.5 U	1.9 U
Acetonitrile	**8260B**	--	--	9.6 U	--	--	--	--
Acrolein	**8260B**	--	--	2.8 U	--	--	--	--
Acrylonitrile	**8260B**	--	--	1.4 U	--	--	--	--
Allylchloride	**8260B**	--	--	0.17 U	--	--	--	--
Benzene	**8260B**	0.16 U	--	0.16 U	0.16 UJ	0.16 U	0.28 U	0.16 U
Bromobenzene	**8260B**	--	--	--	--	--	--	--
Bromochloromethane	**8260B**	--	--	--	--	--	--	--
Bromodichloromethane	**8260B**	--	--	0.17 U	--	--	--	--
Bromoform	**8260B**	--	--	0.19 U	--	--	--	--
Bromomethane	**8260B**	--	--	0.21 U	--	--	--	--
CarbonDisulfide	**8260B**	--	--	0.45 U	--	--	--	--
CarbonTetrachloride	**8260B**	0.19 U	--	0.19 UJ	0.19 UJ	0.19 U	0.28 U	0.19 U
Chlorobenzene	**8260B**	--	--	0.17 U	--	--	--	--
Chloroethane	**8260B**	--	--	0.41 UJ	--	--	--	--
Chloroform	**8260B**	0.16 U	--	0.16 U	0.16 UJ	0.16 U	0.33 U	0.16 U
Chloromethane	**8260B**	--	--	0.3 UJ	--	--	--	--
Chloroprene	**8260B**	--	--	0.21 U	--	--	--	--
cis-1,2-Dichloroethene	**8260B**	270	--	68	57 J	0.15 U	0.32 U	5.7
cis-1,3-Dichloropropene	**8260B**	--	--	0.16 U	--	--	--	--
Cumene	**8260B**	--	--	--	--	--	--	--
Dibromochloromethane	**8260B**	--	--	0.17 U	--	--	--	--
Dibromomethane	**8260B**	--	--	0.17 U	--	--	--	--
Dichlorodifluoromethane	**8260B**	--	--	0.31 UJ	--	--	--	--
Diisopropylether	**8260B**	--	--	--	--	--	--	--
Ethylcyanide	**8260B**	--	--	3.7 U	--	--	--	--
Ethylmethacrylate	**8260B**	--	--	0.86 U	--	--	--	--
Ethylbenzene	**8260B**	0.16 U	--	0.16 U	0.16 UJ	0.16 U	0.25 U	0.16 U
Hexachlorobutadiene	**8260B**	--	--	--	--	--	--	--
Iodomethane	**8260B**	--	--	0.23 U	--	--	--	--
Isobutanol	**8260B**	--	--	37 U	--	--	--	--
Isopropanol	**8260B**	--	--	--	--	--	--	13 U
Methacrylonitrile	**8260B**	--	--	1.6 U	--	--	--	--
Methylethylketone	**8260B**	2 U	--	2 U	2 UJ	2 UJ	4.7 U	2 U
Methylisobutylketone(MIBK)	**8260B**	--	--	0.98 U	--	--	--	--
Methylmethacrylate	**8260B**	--	--	1.1 U	--	--	--	--
Methyltert-butylether	**8260B**	0.38 J	0.25 UJ	0.25 U	0.25 UJ	--	--	--
Methylenechloride	**8260B**	0.32 U	--	5 U	0.32 UJ	5 U	0.95 U	0.32 U
m-Xylene&p-Xylene	**8260B**	0.34 U	--	0.34 U	0.34 UJ	0.34 U	0.6 U	0.34 U
n-Butylbenzene	**8260B**	--	--	--	--	--	--	--
n-Propylbenzene	**8260B**	--	--	--	--	--	--	--
o-Chlorotoluene	**8260B**	--	--	--	--	--	--	--
o-Xylene	**8260B**	0.19 U	--	0.19 U	0.19 UJ	0.19 U	0.3 U	0.19 U
p-Chlorotoluene	**8260B**	--	--	--	--	--	--	--
p-Cymene	**8260B**	--	--	--	--	--	--	--
sec-Butylbenzene	**8260B**	--	--	--	--	--	--	--
sec-Dichloropropane	**8260B**	--	--	--	--	--	--	--
Styrene	**8260B**	--	--	0.17 U	--	--	--	--
tert-Amylmethylether	**8260B**	--	--	--	--	--	--	--
tert-Butylalcohol	**8260B**	11 U	14 J	11 U	11 UJ	--	--	--
tert-Butylethylether	**8260B**	--	--	--	--	--	--	--
tert-Butylbenzene	**8260B**	--	--	--	--	--	--	--
Tetrachloroethene	**8260B**	0.2 U	--	0.2 U	0.2 UJ	0.2 U	0.32 U	0.2 U
Tetrahydrofuran	**8260B**	--	--	--	--	--	--	--
Toluene	**8260B**	0.17 U	--	0.17 U	0.17 UJ	0.17 U	0.36 U	0.17 U
trans-1,2-Dichloroethene	**8260B**	14	--	1.8	2 J	0.15 U	0.3 U	0.39 J
trans-1,3-Dichloropropene	**8260B**	--	--	0.19 U	--	--	--	--
trans-1,4-Dichloro-2-butene	**8260B**	--	--	0.8 U	--	--	--	--
Trichloroethene	**8260B**	210	--	5.1	7.2 J	0.16 U	0.26 U	6.8
Trichlorofluoromethane	**8260B**	0.29 U	--	0.29 UJ	0.29 UJ	0.29 UJ	0.34 U	0.29 U
Vinylacetate	**8260B**	--	--	0.94 U	--	--	--	--
Vinylchloride	**8260B**	2.7	--	1 J	0.1 UJ	0.1 UJ	0.4 U	1.2
Xylenes,Total	**8260B**	--	--	--	--	--	--	--

TABLE 12
VOLATILE ORGANIC COMPOUNDS ANALYTICAL RESULTS, 2012
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

	Well Identifier:	RD-51A	RD-51B	RD-51B	RD-51C	RD-51C	RD-52A	RD-52A
	SampleType:	Primary	Primary	Primary	Primary	Primary	Primary	Primary
	Sample Name:	RD-51A_071812_01	RD-51B_020312_01	RD-51B_071812_01	RD-51C_020612_01	RD-51C_071812_01	RD-52A_020612_01	RD-52A_071912_01
	Groundwater Unit:	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth
	Lab Name:	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
	Collection Date:	7/18/2012	2/3/2012	7/18/2012	2/6/2012	7/18/2012	2/6/2012	7/19/2012
Analyte (µg/L)	**Method**							
1,1,1,2-Tetrachloroethane	**8260B**	--	--	--	--	--	--	--
1,1,1-Trichloroethane	**8260B**	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.64 U	0.64 U
1,1,2,2-Tetrachloroethane	**8260B**	--	--	--	--	--	--	--
1,1,2-Trichloro-1,2,2-trifluoroethane	**8260B**	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U	1.7 U	1.7 U
1,1,2-Trichloroethane	**8260B**	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	1.1 U	1.1 U
1,1-Dichloroethane	**8260B**	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	3.1 J	3.3 J
1,1-Dichloroethene	**8260B**	0.23 U	0.23 U	0.23 U	0.23 U	0.23 U	7.5	9.3
1,1-Dichloropropene	**8260B**	--	--	--	--	--	--	--
1,2,3-Trichlorobenzene	**8260B**	--	--	--	--	--	--	--
1,2,3-Trichloropropane	**524.2**	0.0017 U	0.0017 U	0.0017 U	0.0017 U	0.0017 U	0.0017 U	0.0017 U
1,2,3-Trichloropropane	**524M**	--	--	--	--	--	--	--
1,2,3-Trichloropropane	**8260B**	--	--	--	--	--	--	--
1,2,4-Trichlorobenzene	**8260B**	--	--	--	--	--	--	--
1,2,4-Trimethylbenzene	**8260B**	--	--	--	--	--	--	--
1,2-Dibromo-3-chloropropane	**504.1**	--	--	--	--	--	--	--
1,2-Dibromo-3-chloropropane	**8260B**	--	--	--	--	--	--	--
1,2-Dibromoethane	**504.1**	--	--	--	--	--	--	--
1,2-Dibromoethane	**8260B**	--	--	--	--	--	--	--
1,2-Dichlorobenzene	**8260B**	--	--	--	--	--	--	--
1,2-Dichloroethane	**8260B**	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.52 U	0.52 U
1,2-Dichloropropane	**8260B**	--	--	--	--	--	--	--
1,3,5-Trimethylbenzene	**8260B**	--	--	--	--	--	--	--
1,3-Dichlorobenzene	**8260B**	--	--	--	--	--	--	--
1,4-Dichlorobenzene	**8260B**	--	--	--	--	--	--	--
1,4-Dioxane	**8260B SIM**	0.22 U	0.64 U	0.22 U	0.64 U	0.22 U	2.8	3.4
2-Chloroethylvinylether	**8260B**	--	--	--	--	--	--	--
2-Hexanone	**8260B**	--	--	--	--	--	--	--
Acetone	**8260B**	5.9 J	1.9 U	1.9 U	1.9 U	1.9 U	7.6 U	7.6 U
Acetonitrile	**8260B**	--	--	--	--	--	--	--
Acrolein	**8260B**	--	--	--	--	--	--	--
Acrylonitrile	**8260B**	--	--	--	--	--	--	--
Allylchloride	**8260B**	--	--	--	--	--	--	--
Benzene	**8260B**	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.64 U	0.64 U
Bromobenzene	**8260B**	--	--	--	--	--	--	--
Bromochloromethane	**8260B**	--	--	--	--	--	--	--
Bromodichloromethane	**8260B**	--	--	--	--	--	--	--
Bromoform	**8260B**	--	--	--	--	--	--	--
Bromomethane	**8260B**	--	--	--	--	--	--	--
CarbonDisulfide	**8260B**	--	--	--	--	--	--	--
CarbonTetrachloride	**8260B**	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.76 U	0.76 U
Chlorobenzene	**8260B**	--	--	--	--	--	--	--
Chloroethane	**8260B**	--	--	--	--	--	--	--
Chloroform	**8260B**	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.64 U	0.64 U
Chloromethane	**8260B**	--	--	--	--	--	--	--
Chloroprene	**8260B**	--	--	--	--	--	--	--
cis-1,2-Dichloroethene	**8260B**	5.1	3.6 J	3.2	0.15 U	0.15 U	410	430
cis-1,3-Dichloropropene	**8260B**	--	--	--	--	--	--	--
Cumene	**8260B**	--	--	--	--	--	--	--
Dibromochloromethane	**8260B**	--	--	--	--	--	--	--
Dibromomethane	**8260B**	--	--	--	--	--	--	--
Dichlorodifluoromethane	**8260B**	--	--	--	--	--	--	--
Diisopropylether	**8260B**	--	--	--	--	--	--	--
Ethylcyanide	**8260B**	--	--	--	--	--	--	--
Ethylmethacrylate	**8260B**	--	--	--	--	--	--	--
Ethylbenzene	**8260B**	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.64 U	0.64 U
Hexachlorobutadiene	**8260B**	--	--	--	--	--	--	--
Iodomethane	**8260B**	--	--	--	--	--	--	--
Isobutanol	**8260B**	--	--	--	--	--	--	--
Isopropanol	**8260B**	13 U	13 U	13 U	13 U	13 U	52 U	52 U
Methacrylonitrile	**8260B**	--	--	--	--	--	--	--
Methylethylketone	**8260B**	2 U	2 U	2 U	2 U	2 U	8 U	8 U
Methylisobutylketone(MIBK)	**8260B**	--	--	--	--	--	--	--
Methylmethacrylate	**8260B**	--	--	--	--	--	--	--
Methyltert-butylether	**8260B**	--	--	--	--	--	--	--
Methylenechloride	**8260B**	5 U	0.32 U	5 U	5 U	5 U	20 U	20 U
m-Xylene&p-Xylene	**8260B**	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	1.4 U	1.4 U
n-Butylbenzene	**8260B**	--	--	--	--	--	--	--
n-Propylbenzene	**8260B**	--	--	--	--	--	--	--
o-Chlorotoluene	**8260B**	--	--	--	--	--	--	--
o-Xylene	**8260B**	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.76 U	0.76 U
p-Chlorotoluene	**8260B**	--	--	--	--	--	--	--
p-Cymene	**8260B**	--	--	--	--	--	--	--
sec-Butylbenzene	**8260B**	--	--	--	--	--	--	--
sec-Dichloropropane	**8260B**	--	--	--	--	--	--	--
Styrene	**8260B**	--	--	--	--	--	--	--
tert-Amylmethylether	**8260B**	--	--	--	--	--	--	--
tert-Butylalcohol	**8260B**	--	--	--	--	--	--	--
tert-Butylethylether	**8260B**	--	--	--	--	--	--	--
tert-Butylbenzene	**8260B**	--	--	--	--	--	--	--
Tetrachloroethene	**8260B**	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.8 U	0.8 U
Tetrahydrofuran	**8260B**	--	--	--	--	--	--	--
Toluene	**8260B**	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.68 U	0.68 U
trans-1,2-Dichloroethene	**8260B**	0.38 J	0.41 J	0.28 J	0.15 U	0.15 U	85	110
trans-1,3-Dichloropropene	**8260B**	--	--	--	--	--	--	--
trans-1,4-Dichloro-2-butene	**8260B**	--	--	--	--	--	--	--
Trichloroethene	**8260B**	5.2	2.6 J	2	0.16 U	0.16 U	1100	1100
Trichlorofluoromethane	**8260B**	0.29 U	0.29 U	0.29 U	0.29 U	0.29 U	1.2 U	1.2 U
Vinylacetate	**8260B**	--	--	--	--	--	--	--
Vinylchloride	**8260B**	1.1	3.6 J	1.4	0.1 U	0.1 U	29	34
Xylenes,Total	**8260B**	--	--	--	--	--	--	--

TABLE 12
VOLATILE ORGANIC COMPOUNDS ANALYTICAL RESULTS, 2012
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

	Well Identifier:	RD-52B	RD-52B	RD-52C	RD-52C	RD-53	RD-53	RD-54A (Port 2)
	SampleType:	Primary	Primary	Primary	Primary	Primary	Primary	Primary
	Sample Name:	RD-52B_020612_01	RD-52B_071912_01	RD-52C_020612_01	RD-52C_071912_01	RD-53_020612_01	RD-53_080212_01	RD-54A_012612_01
	Groundwater Unit:	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth
	Lab Name:	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
	Collection Date:	2/6/2012	7/19/2012	2/6/2012	7/19/2012	2/6/2012	8/2/2012	1/26/2012
Analyte (µg/L)	**Method**							
1,1,1,2-Tetrachloroethane	**8260B**	--	--	--	--	--	--	--
1,1,1-Trichloroethane	**8260B**	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U
1,1,2,2-Tetrachloroethane	**8260B**	--	--	--	--	--	--	--
1,1,2-Trichloro-1,2,2-trifluoroethane	**8260B**	0.42 U	0.42 U	0.42 U	0.42 U	3.6 J	1.9 J	0.42 U
1,1,2-Trichloroethane	**8260B**	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U
1,1-Dichloroethane	**8260B**	0.22 U	0.22 U	0.22 U	0.22 U	1.3	1.4	0.22 U
1,1-Dichloroethene	**8260B**	0.23 U	0.23 U	0.23 U	0.23 U	8.6	9.8	0.37 J
1,1-Dichloropropene	**8260B**	--	--	--	--	--	--	--
1,2,3-Trichlorobenzene	**8260B**	--	--	--	--	--	--	--
1,2,3-Trichloropropane	**524.2**	0.0017 U	0.0017 U	0.0017 U	0.0017 U	0.0017 U	0.0017 U	--
1,2,3-Trichloropropane	**524M**	--	--	--	--	--	--	--
1,2,3-Trichloropropane	**8260B**	--	--	--	--	--	--	--
1,2,4-Trichlorobenzene	**8260B**	--	--	--	--	--	--	--
1,2,4-Trimethylbenzene	**8260B**	--	--	--	--	--	--	--
1,2-Dibromo-3-chloropropane	**504.1**	--	--	--	--	--	--	--
1,2-Dibromo-3-chloropropane	**8260B**	--	--	--	--	--	--	--
1,2-Dibromoethane	**504.1**	--	--	--	--	--	--	--
1,2-Dibromoethane	**8260B**	--	--	--	--	--	--	--
1,2-Dichlorobenzene	**8260B**	--	--	--	--	--	--	--
1,2-Dichloroethane	**8260B**	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U
1,2-Dichloropropane	**8260B**	--	--	--	--	--	--	--
1,3,5-Trimethylbenzene	**8260B**	--	--	--	--	--	--	--
1,3-Dichlorobenzene	**8260B**	--	--	--	--	--	--	--
1,4-Dichlorobenzene	**8260B**	--	--	--	--	--	--	--
1,4-Dioxane	**8260B SIM**	1.5 J	1 J	1.6 J	1.3 J	6.4	6.4	--
2-Chloroethylvinylether	**8260B**	--	--	--	--	--	--	--
2-Hexanone	**8260B**	--	--	--	--	--	--	--
Acetone	**8260B**	5.9 J	1.9 U	1.9 U	10 U	1.9 U	10 U	120 UJ
Acetonitrile	**8260B**	--	--	--	--	--	--	--
Acrolein	**8260B**	--	--	--	--	--	--	--
Acrylonitrile	**8260B**	--	--	--	--	--	--	--
Allylchloride	**8260B**	--	--	--	--	--	--	--
Benzene	**8260B**	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U
Bromobenzene	**8260B**	--	--	--	--	--	--	--
Bromochloromethane	**8260B**	--	--	--	--	--	--	--
Bromodichloromethane	**8260B**	--	--	--	--	--	--	--
Bromoform	**8260B**	--	--	--	--	--	--	--
Bromomethane	**8260B**	--	--	--	--	--	--	--
CarbonDisulfide	**8260B**	--	--	--	--	--	--	--
CarbonTetrachloride	**8260B**	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U
Chlorobenzene	**8260B**	--	--	--	--	--	--	--
Chloroethane	**8260B**	--	--	--	--	--	--	--
Chloroform	**8260B**	0.16 U	0.16 U	0.16 U	0.16 U	0.19 J	0.16 J	0.16 U
Chloromethane	**8260B**	--	--	--	--	--	--	--
Chloroprene	**8260B**	--	--	--	--	--	--	--
cis-1,2-Dichloroethene	**8260B**	25	9.5	0.15 U	0.15 U	8.9	9.1	10
cis-1,3-Dichloropropene	**8260B**	--	--	--	--	--	--	--
Cumene	**8260B**	--	--	--	--	--	--	--
Dibromochloromethane	**8260B**	--	--	--	--	--	--	--
Dibromomethane	**8260B**	--	--	--	--	--	--	--
Dichlorodifluoromethane	**8260B**	--	--	--	--	--	--	--
Diisopropylether	**8260B**	--	--	--	--	--	--	--
Ethylcyanide	**8260B**	--	--	--	--	--	--	--
Ethylmethacrylate	**8260B**	--	--	--	--	--	--	--
Ethylbenzene	**8260B**	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U
Hexachlorobutadiene	**8260B**	--	--	--	--	--	--	--
Iodomethane	**8260B**	--	--	--	--	--	--	--
Isobutanol	**8260B**	--	--	--	--	--	--	--
Isopropanol	**8260B**	13 U	13 U	13 U	13 U	13 U	13 U	--
Methacrylonitrile	**8260B**	--	--	--	--	--	--	--
Methylethylketone	**8260B**	2 U	2 U	2 U	2 U	2 U	2 U	2 UJ
Methylisobutylketone(MIBK)	**8260B**	--	--	--	--	--	--	--
Methylmethacrylate	**8260B**	--	--	--	--	--	--	--
Methyltert-butylether	**8260B**	--	--	--	--	0.25 U	0.25 U	--
Methylenechloride	**8260B**	5 U	5 U	5 U	0.32 U	5 U	0.32 U	5 U
m-Xylene&p-Xylene	**8260B**	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U
n-Butylbenzene	**8260B**	--	--	--	--	--	--	--
n-Propylbenzene	**8260B**	--	--	--	--	--	--	--
o-Chlorotoluene	**8260B**	--	--	--	--	--	--	--
o-Xylene	**8260B**	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U
p-Chlorotoluene	**8260B**	--	--	--	--	--	--	--
p-Cymene	**8260B**	--	--	--	--	--	--	--
sec-Butylbenzene	**8260B**	--	--	--	--	--	--	--
sec-Dichloropropane	**8260B**	--	--	--	--	--	--	--
Styrene	**8260B**	--	--	--	--	--	--	--
tert-Amylmethylether	**8260B**	--	--	--	--	--	--	--
tert-Butylalcohol	**8260B**	--	--	--	--	11 U	11 U	--
tert-Butylethylether	**8260B**	--	--	--	--	--	--	--
tert-Butylbenzene	**8260B**	--	--	--	--	--	--	--
Tetrachloroethene	**8260B**	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Tetrahydrofuran	**8260B**	--	--	--	--	--	--	--
Toluene	**8260B**	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U
trans-1,2-Dichloroethene	**8260B**	9.3	3.1	0.15 U	0.15 U	0.22 J	0.18 J	0.3 J
trans-1,3-Dichloropropene	**8260B**	--	--	--	--	--	--	--
trans-1,4-Dichloro-2-butene	**8260B**	--	--	--	--	--	--	--
Trichloroethene	**8260B**	0.56 J	0.74 J	0.16 U	0.16 U	200	160 J	2.1
Trichlorofluoromethane	**8260B**	0.29 U	0.29 U	0.29 U	0.29 U	0.29 U	0.29 U	0.29 UJ
Vinylacetate	**8260B**	--	--	--	--	--	--	--
Vinylchloride	**8260B**	0.78 J	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 UJ
Xylenes,Total	**8260B**	--	--	--	--	--	--	--

TABLE 12
VOLATILE ORGANIC COMPOUNDS ANALYTICAL RESULTS, 2012
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

	Well Identifier:	RD-55A	RD-55A	RD-55A	RD-55B	RD-55B	RD-56A	RD-56A
	SampleType:	Primary	Field Duplicate	Primary	Primary	Primary	Primary	Primary
	Sample Name:	RD-55A_021412_01	RD-55A_021412_36	RD-55A_072512_01	RD-55B_021412_01	RD-55B_072512_01	RD-56A_011712_01	RD-56A_072312_01
	Groundwater Unit:	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth
	Lab Name:	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
	Collection Date:	2/14/2012	2/14/2012	7/25/2012	2/14/2012	7/25/2012	1/17/2012	7/23/2012
Analyte (µg/L)	**Method**							
1,1,1,2-Tetrachloroethane	**8260B**	--	--	--	--	--	--	--
1,1,1-Trichloroethane	**8260B**	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.32 U	0.16 U
1,1,2,2-Tetrachloroethane	**8260B**	--	--	--	--	--	--	--
1,1,2-Trichloro-1,2,2-trifluoroethane	**8260B**	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U	0.84 U	0.42 U
1,1,2-Trichloroethane	**8260B**	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.54 U	0.27 U
1,1-Dichloroethane	**8260B**	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.44 U	0.22 U
1,1-Dichloroethene	**8260B**	0.23 U	0.23 U	0.23 U	0.23 U	0.23 U	1.3 J	0.77 J
1,1-Dichloropropene	**8260B**	--	--	--	--	--	--	--
1,2,3-Trichlorobenzene	**8260B**	--	--	--	--	--	--	--
1,2,3-Trichloropropane	**524.2**	--	--	--	--	--	0.0017 U	0.0017 U
1,2,3-Trichloropropane	**524M**	--	--	--	--	--	--	--
1,2,3-Trichloropropane	**8260B**	--	--	--	--	--	--	--
1,2,4-Trichlorobenzene	**8260B**	--	--	--	--	--	--	--
1,2,4-Trimethylbenzene	**8260B**	--	--	--	--	--	--	--
1,2-Dibromo-3-chloropropane	**504.1**	--	--	--	--	--	--	--
1,2-Dibromo-3-chloropropane	**8260B**	--	--	--	--	--	--	--
1,2-Dibromoethane	**504.1**	--	--	--	--	--	--	--
1,2-Dibromoethane	**8260B**	--	--	--	--	--	--	--
1,2-Dichlorobenzene	**8260B**	--	--	--	--	--	--	--
1,2-Dichloroethane	**8260B**	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.26 U	0.13 U
1,2-Dichloropropane	**8260B**	--	--	--	--	--	--	--
1,3,5-Trimethylbenzene	**8260B**	--	--	--	--	--	--	--
1,3-Dichlorobenzene	**8260B**	--	--	--	--	--	--	--
1,4-Dichlorobenzene	**8260B**	--	--	--	--	--	--	--
1,4-Dioxane	**8260B SIM**	0.64 U	0.64 U	0.22 U	0.64 U	0.22 U	--	--
2-Chloroethylvinylether	**8260B**	--	--	--	--	--	--	--
2-Hexanone	**8260B**	--	--	--	--	--	--	--
Acetone	**8260B**	1.9 U	1.9 U	1.9 U	1.9 U	10 U	200 U	1.9 U
Acetonitrile	**8260B**	--	--	--	--	--	--	--
Acrolein	**8260B**	--	--	--	--	--	--	--
Acrylonitrile	**8260B**	--	--	--	--	--	--	--
Allylchloride	**8260B**	--	--	--	--	--	--	--
Benzene	**8260B**	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.32 U	0.16 U
Bromobenzene	**8260B**	--	--	--	--	--	--	--
Bromochloromethane	**8260B**	--	--	--	--	--	--	--
Bromodichloromethane	**8260B**	--	--	--	--	--	--	--
Bromoform	**8260B**	--	--	--	--	--	--	--
Bromomethane	**8260B**	--	--	--	--	--	--	--
CarbonDisulfide	**8260B**	--	--	--	--	--	--	--
CarbonTetrachloride	**8260B**	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.38 U	0.19 U
Chlorobenzene	**8260B**	--	--	--	--	--	--	--
Chloroethane	**8260B**	--	--	--	--	--	--	--
Chloroform	**8260B**	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.32 U	0.16 U
Chloromethane	**8260B**	--	--	--	--	--	--	--
Chloroprene	**8260B**	--	--	--	--	--	--	--
cis-1,2-Dichloroethene	**8260B**	0.15 U	0.15 U	4.2	6.2	5.3	380	220
cis-1,3-Dichloropropene	**8260B**	--	--	--	--	--	--	--
Cumene	**8260B**	--	--	--	--	--	--	--
Dibromochloromethane	**8260B**	--	--	--	--	--	--	--
Dibromomethane	**8260B**	--	--	--	--	--	--	--
Dichlorodifluoromethane	**8260B**	--	--	--	--	--	--	--
Diisopropylether	**8260B**	--	--	--	--	--	--	--
Ethylcyanide	**8260B**	--	--	--	--	--	--	--
Ethylmethacrylate	**8260B**	--	--	--	--	--	--	--
Ethylbenzene	**8260B**	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.32 U	0.16 U
Hexachlorobutadiene	**8260B**	--	--	--	--	--	--	--
Iodomethane	**8260B**	--	--	--	--	--	--	--
Isobutanol	**8260B**	--	--	--	--	--	--	--
Isopropanol	**8260B**	13 U	13 U	13 U	13 U	13 U	--	--
Methacrylonitrile	**8260B**	--	--	--	--	--	--	--
Methylethylketone	**8260B**	2 U	2 U	2 U	2 U	2 U	4 U	2 U
Methylisobutylketone(MIBK)	**8260B**	--	--	--	--	--	--	--
Methylmethacrylate	**8260B**	--	--	--	--	--	--	--
Methyltert-butylether	**8260B**	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	--	--
Methylenechloride	**8260B**	5 U	5 U	0.32 U	5 U	0.32 U	10 U	0.32 U
m-Xylene&p-Xylene	**8260B**	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.68 U	0.34 U
n-Butylbenzene	**8260B**	--	--	--	--	--	--	--
n-Propylbenzene	**8260B**	--	--	--	--	--	--	--
o-Chlorotoluene	**8260B**	--	--	--	--	--	--	--
o-Xylene	**8260B**	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.38 U	0.19 U
p-Chlorotoluene	**8260B**	--	--	--	--	--	--	--
p-Cymene	**8260B**	--	--	--	--	--	--	--
sec-Butylbenzene	**8260B**	--	--	--	--	--	--	--
sec-Dichloropropane	**8260B**	--	--	--	--	--	--	--
Styrene	**8260B**	--	--	--	--	--	--	--
tert-Amylmethylether	**8260B**	--	--	--	--	--	--	--
tert-Butylalcohol	**8260B**	11 U	11 U	11 U	11 U	11 U	--	--
tert-Butylethylether	**8260B**	--	--	--	--	--	--	--
tert-Butylbenzene	**8260B**	--	--	--	--	--	--	--
Tetrachloroethene	**8260B**	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.4 U	0.2 U
Tetrahydrofuran	**8260B**	--	--	--	--	--	--	--
Toluene	**8260B**	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.34 U	0.17 U
trans-1,2-Dichloroethene	**8260B**	0.15 U	0.15 U	0.2 J	0.15 U	0.15 U	20	13
trans-1,3-Dichloropropene	**8260B**	--	--	--	--	--	--	--
trans-1,4-Dichloro-2-butene	**8260B**	--	--	--	--	--	--	--
Trichloroethene	**8260B**	1.3	1.7	4.7	6.6	5.7	710	270
Trichlorofluoromethane	**8260B**	0.29 U	0.29 U	0.29 U	0.29 U	0.29 U	0.58 U	0.29 U
Vinylacetate	**8260B**	--	--	--	--	--	--	--
Vinylchloride	**8260B**	0.1 U	0.1 U	0.56 J	0.11 J	0.1 U	0.2 U	0.1 U
Xylenes,Total	**8260B**	--	--	--	--	--	--	--

TABLE 12
VOLATILE ORGANIC COMPOUNDS ANALYTICAL RESULTS, 2012
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

	Well Identifier:	RD-56B	RD-56B	RD-57 (Port 7)	RD-58A	RD-58A	RD-58A	RD-58B
	SampleType:	Primary	Primary	Primary	Primary	Primary	Field Duplicate	Primary
	Sample Name:	RD-56B_011712_01	RD-56B_072312_01	RD-57_012712_01	RD-58A_012412_01	RD-58A_071812_01	RD-58A_071812_36	RD-58B_012412_01
	Groundwater Unit:	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth
	Lab Name:	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
	Collection Date:	1/17/2012	7/23/2012	1/27/2012	1/24/2012	7/18/2012	7/18/2012	1/24/2012
Analyte (µg/L)	**Method**							
1,1,1,2-Tetrachloroethane	**8260B**	--	--	--	--	--	--	--
1,1,1-Trichloroethane	**8260B**	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U
1,1,2,2-Tetrachloroethane	**8260B**	--	--	--	--	--	--	--
1,1,2-Trichloro-1,2,2-trifluoroethane	**8260B**	0.42 U	0.42 U	0.42 U	3.5 J	4.4 J	3.5 J	0.42 U
1,1,2-Trichloroethane	**8260B**	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U
1,1-Dichloroethane	**8260B**	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U
1,1-Dichloroethene	**8260B**	0.23 U	0.23 U	0.23 U	0.23 U	0.23 U	0.23 U	0.23 U
1,1-Dichloropropene	**8260B**	--	--	--	--	--	--	--
1,2,3-Trichlorobenzene	**8260B**	--	--	--	--	--	--	--
1,2,3-Trichloropropane	**524.2**	0.0017 U	0.0017 U	--	--	--	--	--
1,2,3-Trichloropropane	**524M**	--	--	--	--	--	--	--
1,2,3-Trichloropropane	**8260B**	--	--	--	--	--	--	--
1,2,4-Trichlorobenzene	**8260B**	--	--	--	--	--	--	--
1,2,4-Trimethylbenzene	**8260B**	--	--	--	--	--	--	--
1,2-Dibromo-3-chloropropane	**504.1**	--	--	--	--	--	--	--
1,2-Dibromo-3-chloropropane	**8260B**	--	--	--	--	--	--	--
1,2-Dibromoethane	**504.1**	--	--	--	--	--	--	--
1,2-Dibromoethane	**8260B**	--	--	--	--	--	--	--
1,2-Dichlorobenzene	**8260B**	--	--	--	--	--	--	--
1,2-Dichloroethane	**8260B**	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U
1,2-Dichloropropane	**8260B**	--	--	--	--	--	--	--
1,3,5-Trimethylbenzene	**8260B**	--	--	--	--	--	--	--
1,3-Dichlorobenzene	**8260B**	--	--	--	--	--	--	--
1,4-Dichlorobenzene	**8260B**	--	--	--	--	--	--	--
1,4-Dioxane	**8260B SIM**	0.64 U	0.22 U	--	0.64 U	0.22 U	0.22 U	0.64 U
2-Chloroethylvinylether	**8260B**	--	--	--	--	--	--	--
2-Hexanone	**8260B**	--	--	--	--	--	--	--
Acetone	**8260B**	19 U	5.1 J	1.9 U	1.9 U	4.9 J	1.9 U	1.9 U
Acetonitrile	**8260B**	--	--	--	--	--	--	--
Acrolein	**8260B**	--	--	--	--	--	--	--
Acrylonitrile	**8260B**	--	--	--	--	--	--	--
Allylchloride	**8260B**	--	--	--	--	--	--	--
Benzene	**8260B**	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U
Bromobenzene	**8260B**	--	--	--	--	--	--	--
Bromochloromethane	**8260B**	--	--	--	--	--	--	--
Bromodichloromethane	**8260B**	--	--	--	--	--	--	--
Bromoform	**8260B**	--	--	--	--	--	--	--
Bromomethane	**8260B**	--	--	--	--	--	--	--
CarbonDisulfide	**8260B**	--	--	--	--	--	--	--
CarbonTetrachloride	**8260B**	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U
Chlorobenzene	**8260B**	--	--	--	--	--	--	--
Chloroethane	**8260B**	--	--	--	--	--	--	--
Chloroform	**8260B**	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U
Chloromethane	**8260B**	--	--	--	--	--	--	--
Chloroprene	**8260B**	--	--	--	--	--	--	--
cis-1,2-Dichloroethene	**8260B**	0.15 U	0.45 J	0.15 U	1.6	2.4	2	0.15 U
cis-1,3-Dichloropropene	**8260B**	--	--	--	--	--	--	--
Cumene	**8260B**	--	--	--	--	--	--	--
Dibromochloromethane	**8260B**	--	--	--	--	--	--	--
Dibromomethane	**8260B**	--	--	--	--	--	--	--
Dichlorodifluoromethane	**8260B**	--	--	--	--	--	--	--
Diisopropylether	**8260B**	--	--	--	--	--	--	--
Ethylcyanide	**8260B**	--	--	--	--	--	--	--
Ethylmethacrylate	**8260B**	--	--	--	--	--	--	--
Ethylbenzene	**8260B**	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U
Hexachlorobutadiene	**8260B**	--	--	--	--	--	--	--
Iodomethane	**8260B**	--	--	--	--	--	--	--
Isobutanol	**8260B**	--	--	--	--	--	--	--
Isopropanol	**8260B**	--	--	--	13 U	13 U	13 U	13 U
Methacrylonitrile	**8260B**	--	--	--	--	--	--	--
Methylethylketone	**8260B**	2 U	2 U	2 U	2 U	2 U	2 U	2 U
Methylisobutylketone(MIBK)	**8260B**	--	--	--	--	--	--	--
Methylmethacrylate	**8260B**	--	--	--	--	--	--	--
Methyltert-butylether	**8260B**	--	--	--	--	--	--	--
Methylenechloride	**8260B**	0.32 U	0.32 U	5 U	0.32 U	5 U	5 U	0.32 U
m-Xylene&p-Xylene	**8260B**	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U
n-Butylbenzene	**8260B**	--	--	--	--	--	--	--
n-Propylbenzene	**8260B**	--	--	--	--	--	--	--
o-Chlorotoluene	**8260B**	--	--	--	--	--	--	--
o-Xylene	**8260B**	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U
p-Chlorotoluene	**8260B**	--	--	--	--	--	--	--
p-Cymene	**8260B**	--	--	--	--	--	--	--
sec-Butylbenzene	**8260B**	--	--	--	--	--	--	--
sec-Dichloropropane	**8260B**	--	--	--	--	--	--	--
Styrene	**8260B**	--	--	--	--	--	--	--
tert-Amylmethylether	**8260B**	--	--	--	--	--	--	--
tert-Butylalcohol	**8260B**	--	--	--	--	--	--	--
tert-Butylethylether	**8260B**	--	--	--	--	--	--	--
tert-Butylbenzene	**8260B**	--	--	--	--	--	--	--
Tetrachloroethene	**8260B**	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Tetrahydrofuran	**8260B**	--	--	--	--	--	--	--
Toluene	**8260B**	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U
trans-1,2-Dichloroethene	**8260B**	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U
trans-1,3-Dichloropropene	**8260B**	--	--	--	--	--	--	--
trans-1,4-Dichloro-2-butene	**8260B**	--	--	--	--	--	--	--
Trichloroethene	**8260B**	0.48 J	2.9	0.16 U	130	130	120	0.16 U
Trichlorofluoromethane	**8260B**	0.29 U	0.29 U	0.29 U	0.29 U	0.29 U	0.29 U	0.29 U
Vinylacetate	**8260B**	--	--	--	--	--	--	--
Vinylchloride	**8260B**	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Xylenes,Total	**8260B**	--	--	--	--	--	--	--

TABLE 12
VOLATILE ORGANIC COMPOUNDS ANALYTICAL RESULTS, 2012
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

	Well Identifier:	RD-58B	RD-58C	RD-58C	RD-59A	RD-59B	RD-59C	RD-60
	SampleType:	Primary	Primary	Primary	Primary	Primary	Primary	Primary
	Sample Name:	RD-58B_071812_01	RD-58C_012412_01	RD-58C_071812_01	RD-59A_011212_01	RD-59B_011212_01	RD-59C_011212_01	RD-60_011912_01
	Groundwater Unit:	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth
	Lab Name:	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
	Collection Date:	7/18/2012	1/24/2012	7/18/2012	1/12/2012	1/12/2012	1/12/2012	1/19/2012
Analyte (µg/L)	**Method**							
1,1,1,2-Tetrachloroethane	**8260B**	--	--	--	--	--	--	--
1,1,1-Trichloroethane	**8260B**	0.16 U	0.16 UJ	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U
1,1,2,2-Tetrachloroethane	**8260B**	--	--	--	--	--	--	--
1,1,2-Trichloro-1,2,2-trifluoroethane	**8260B**	0.42 U	0.42 UJ	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U
1,1,2-Trichloroethane	**8260B**	0.27 U	0.27 UJ	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U
1,1-Dichloroethane	**8260B**	0.22 U	0.22 UJ	0.22 U	0.22 U	0.22 U	0.22 U	1.8
1,1-Dichloroethene	**8260B**	0.23 U	0.23 UJ	0.23 U	0.23 U	0.23 U	0.23 U	1.3
1,1-Dichloropropene	**8260B**	--	--	--	--	--	--	--
1,2,3-Trichlorobenzene	**8260B**	--	--	--	--	--	--	--
1,2,3-Trichloropropane	**524.2**	--	--	--	--	--	--	0.027
1,2,3-Trichloropropane	**524M**	--	--	--	--	--	--	--
1,2,3-Trichloropropane	**8260B**	--	--	--	--	--	--	--
1,2,4-Trichlorobenzene	**8260B**	--	--	--	--	--	--	--
1,2,4-Trimethylbenzene	**8260B**	--	--	--	--	--	--	--
1,2-Dibromo-3-chloropropane	**504.1**	--	--	--	--	--	--	--
1,2-Dibromo-3-chloropropane	**8260B**	--	--	--	--	--	--	--
1,2-Dibromoethane	**504.1**	--	--	--	--	--	--	--
1,2-Dibromoethane	**8260B**	--	--	--	--	--	--	--
1,2-Dichlorobenzene	**8260B**	--	--	--	--	--	--	--
1,2-Dichloroethane	**8260B**	0.13 U	0.13 UJ	0.13 U	0.13 U	0.13 U	0.13 U	2.6
1,2-Dichloropropane	**8260B**	--	--	--	--	--	--	--
1,3,5-Trimethylbenzene	**8260B**	--	--	--	--	--	--	--
1,3-Dichlorobenzene	**8260B**	--	--	--	--	--	--	--
1,4-Dichlorobenzene	**8260B**	--	--	--	--	--	--	--
1,4-Dioxane	**8260B SIM**	0.22 U	0.93 J	0.22 U	--	--	--	15
2-Chloroethylvinylether	**8260B**	--	--	--	--	--	--	--
2-Hexanone	**8260B**	--	--	--	--	--	--	--
Acetone	**8260B**	1.9 U	1.9 UJ	7.2 J	1.9 U	1.9 U	1.9 U	1.9 U
Acetonitrile	**8260B**	--	--	--	--	--	--	--
Acrolein	**8260B**	--	--	--	--	--	--	--
Acrylonitrile	**8260B**	--	--	--	--	--	--	--
Allylchloride	**8260B**	--	--	--	--	--	--	--
Benzene	**8260B**	0.16 U	0.16 UJ	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U
Bromobenzene	**8260B**	--	--	--	--	--	--	--
Bromochloromethane	**8260B**	--	--	--	--	--	--	--
Bromodichloromethane	**8260B**	--	--	--	--	--	--	--
Bromoform	**8260B**	--	--	--	--	--	--	--
Bromomethane	**8260B**	--	--	--	--	--	--	--
CarbonDisulfide	**8260B**	--	--	--	--	--	--	--
CarbonTetrachloride	**8260B**	0.19 U	0.19 UJ	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U
Chlorobenzene	**8260B**	--	--	--	--	--	--	--
Chloroethane	**8260B**	--	--	--	--	--	--	--
Chloroform	**8260B**	0.16 U	0.16 UJ	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U
Chloromethane	**8260B**	--	--	--	--	--	--	--
Chloroprene	**8260B**	--	--	--	--	--	--	--
cis-1,2-Dichloroethene	**8260B**	0.15 U	0.45 J	0.59 J	0.15 U	0.15 U	0.15 U	31
cis-1,3-Dichloropropene	**8260B**	--	--	--	--	--	--	--
Cumene	**8260B**	--	--	--	--	--	--	--
Dibromochloromethane	**8260B**	--	--	--	--	--	--	--
Dibromomethane	**8260B**	--	--	--	--	--	--	--
Dichlorodifluoromethane	**8260B**	--	--	--	--	--	--	--
Diisopropylether	**8260B**	--	--	--	--	--	--	--
Ethylcyanide	**8260B**	--	--	--	--	--	--	--
Ethylmethacrylate	**8260B**	--	--	--	--	--	--	--
Ethylbenzene	**8260B**	0.16 U	0.16 UJ	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U
Hexachlorobutadiene	**8260B**	--	--	--	--	--	--	--
Iodomethane	**8260B**	--	--	--	--	--	--	--
Isobutanol	**8260B**	--	--	--	--	--	--	--
Isopropanol	**8260B**	13 U	13 UJ	13 U	--	--	--	--
Methacrylonitrile	**8260B**	--	--	--	--	--	--	--
Methylethylketone	**8260B**	2 U	2 UJ	2 U	2 U	2 U	2 U	2 U
Methylisobutylketone(MIBK)	**8260B**	--	--	--	--	--	--	--
Methylmethacrylate	**8260B**	--	--	--	--	--	--	--
Methyltert-butylether	**8260B**	--	--	--	--	--	--	0.25 U
Methylenechloride	**8260B**	5 U	0.32 UJ	5 U	5 U	5 U	0.32 U	0.32 U
m-Xylene&p-Xylene	**8260B**	0.34 U	0.34 UJ	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U
n-Butylbenzene	**8260B**	--	--	--	--	--	--	--
n-Propylbenzene	**8260B**	--	--	--	--	--	--	--
o-Chlorotoluene	**8260B**	--	--	--	--	--	--	--
o-Xylene	**8260B**	0.19 U	0.19 UJ	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U
p-Chlorotoluene	**8260B**	--	--	--	--	--	--	--
p-Cymene	**8260B**	--	--	--	--	--	--	--
sec-Butylbenzene	**8260B**	--	--	--	--	--	--	--
sec-Dichloropropane	**8260B**	--	--	--	--	--	--	--
Styrene	**8260B**	--	--	--	--	--	--	--
tert-Amylmethylether	**8260B**	--	--	--	--	--	--	--
tert-Butylalcohol	**8260B**	--	--	--	--	--	--	11 U
tert-Butylethylether	**8260B**	--	--	--	--	--	--	--
tert-Butylbenzene	**8260B**	--	--	--	--	--	--	--
Tetrachloroethene	**8260B**	0.2 U	0.2 UJ	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Tetrahydrofuran	**8260B**	--	--	--	--	--	--	--
Toluene	**8260B**	0.17 U	0.17 UJ	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U
trans-1,2-Dichloroethene	**8260B**	0.15 U	0.15 UJ	0.15 U	0.15 U	0.15 U	0.15 U	0.88 J
trans-1,3-Dichloropropene	**8260B**	--	--	--	--	--	--	--
trans-1,4-Dichloro-2-butene	**8260B**	--	--	--	--	--	--	--
Trichloroethene	**8260B**	2.5	0.16 UJ	0.45 J	0.16 U	0.16 U	0.16 U	140
Trichlorofluoromethane	**8260B**	0.29 U	0.29 UJ	0.29 U	0.29 U	0.29 U	0.29 U	0.29 U
Vinylacetate	**8260B**	--	--	--	--	--	--	--
Vinylchloride	**8260B**	0.1 U	0.63 J	0.56 J	0.1 U	0.1 U	0.1 U	0.1 U
Xylenes,Total	**8260B**	--	--	--	--	--	--	--

TABLE 12
VOLATILE ORGANIC COMPOUNDS ANALYTICAL RESULTS, 2012
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

	Well Identifier:	RD-60	RD-61	RD-61	RD-62	RD-62	RD-63	RD-66
	SampleType:	Primary	Primary	Primary	Primary	Primary	Primary	Primary
	Sample Name:	RD-60_072312_01	RD-61_020212_01	RD-61_080112_01	RD-62_012612_01	RD-62_080112_01	RD-63_011912_01	RD-66_020212_01
	Groundwater Unit:	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth
	Lab Name:	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
	Collection Date:	7/23/2012	2/2/2012	8/1/2012	1/26/2012	8/1/2012	1/19/2012	2/2/2012
Analyte (µg/L)	**Method**							
1,1,1,2-Tetrachloroethane	**8260B**	--	--	--	--	--	--	--
1,1,1-Trichloroethane	**8260B**	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U
1,1,2,2-Tetrachloroethane	**8260B**	--	--	--	--	--	--	--
1,1,2-Trichloro-1,2,2-trifluoroethane	**8260B**	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U
1,1,2-Trichloroethane	**8260B**	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U
1,1-Dichloroethane	**8260B**	2	0.22 U	0.22 U	0.22 U	0.22 U	0.4 J	0.22 U
1,1-Dichloroethene	**8260B**	1.4	0.23 U	0.23 U	0.23 U	0.23 U	0.52 J	0.23 U
1,1-Dichloropropene	**8260B**	--	--	--	--	--	--	--
1,2,3-Trichlorobenzene	**8260B**	--	--	--	--	--	--	--
1,2,3-Trichloropropane	**524.2**	0.024	0.0017 U	0.0017 U	0.0017 U	0.0017 U	--	0.0017 U
1,2,3-Trichloropropane	**524M**	--	--	--	--	--	--	--
1,2,3-Trichloropropane	**8260B**	--	--	--	--	--	--	--
1,2,4-Trichlorobenzene	**8260B**	--	--	--	--	--	--	--
1,2,4-Trimethylbenzene	**8260B**	--	--	--	--	--	--	--
1,2-Dibromo-3-chloropropane	**504.1**	--	--	--	--	--	--	--
1,2-Dibromo-3-chloropropane	**8260B**	--	--	--	--	--	--	--
1,2-Dibromoethane	**504.1**	--	--	--	--	--	--	--
1,2-Dibromoethane	**8260B**	--	--	--	--	--	--	--
1,2-Dichlorobenzene	**8260B**	--	--	--	--	--	--	--
1,2-Dichloroethane	**8260B**	3.3	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U
1,2-Dichloropropane	**8260B**	--	--	--	--	--	--	--
1,3,5-Trimethylbenzene	**8260B**	--	--	--	--	--	--	--
1,3-Dichlorobenzene	**8260B**	--	--	--	--	--	--	--
1,4-Dichlorobenzene	**8260B**	--	--	--	--	--	--	--
1,4-Dioxane	**8260B SIM**	18	0.64 U	0.22 U	0.64 U	0.22 U	1.2 J	0.64 U
2-Chloroethylvinylether	**8260B**	--	--	--	--	--	--	--
2-Hexanone	**8260B**	--	--	--	--	--	--	--
Acetone	**8260B**	1.9 U	10 UJ	1.9 U	110 UJ	10 UJ	1.9 U	1.9 U
Acetonitrile	**8260B**	--	--	--	--	--	--	--
Acrolein	**8260B**	--	--	--	--	--	--	--
Acrylonitrile	**8260B**	--	--	--	--	--	--	--
Allylchloride	**8260B**	--	--	--	--	--	--	--
Benzene	**8260B**	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U
Bromobenzene	**8260B**	--	--	--	--	--	--	--
Bromochloromethane	**8260B**	--	--	--	--	--	--	--
Bromodichloromethane	**8260B**	--	--	--	--	--	--	--
Bromoform	**8260B**	--	--	--	--	--	--	--
Bromomethane	**8260B**	--	--	--	--	--	--	--
CarbonDisulfide	**8260B**	--	--	--	--	--	--	--
CarbonTetrachloride	**8260B**	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U
Chlorobenzene	**8260B**	--	--	--	--	--	--	--
Chloroethane	**8260B**	--	--	--	--	--	--	--
Chloroform	**8260B**	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U
Chloromethane	**8260B**	--	--	--	--	--	--	--
Chloroprene	**8260B**	--	--	--	--	--	--	--
cis-1,2-Dichloroethene	**8260B**	29	0.15 U	0.15 U	0.15 U	0.15 U	2.7	0.15 U
cis-1,3-Dichloropropene	**8260B**	--	--	--	--	--	--	--
Cumene	**8260B**	--	--	--	--	--	--	--
Dibromochloromethane	**8260B**	--	--	--	--	--	--	--
Dibromomethane	**8260B**	--	--	--	--	--	--	--
Dichlorodifluoromethane	**8260B**	--	--	--	--	--	--	--
Diisopropylether	**8260B**	--	--	--	--	--	--	--
Ethylcyanide	**8260B**	--	--	--	--	--	--	--
Ethylmethacrylate	**8260B**	--	--	--	--	--	--	--
Ethylbenzene	**8260B**	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U
Hexachlorobutadiene	**8260B**	--	--	--	--	--	--	--
Iodomethane	**8260B**	--	--	--	--	--	--	--
Isobutanol	**8260B**	--	--	--	--	--	--	--
Isopropanol	**8260B**	--	--	--	--	--	--	--
Methacrylonitrile	**8260B**	--	--	--	--	--	--	--
Methylethylketone	**8260B**	2 U	2 U	2 U	2 UJ	2 U	2 U	2 U
Methylisobutylketone(MIBK)	**8260B**	--	--	--	--	--	--	--
Methylmethacrylate	**8260B**	--	--	--	--	--	--	--
Methyltert-butylether	**8260B**	0.25 U	--	--	--	--	--	0.25 U
Methylenechloride	**8260B**	0.32 U	0.32 U	0.32 U	5 U	0.32 U	0.32 U	0.32 U
m-Xylene&p-Xylene	**8260B**	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U
n-Butylbenzene	**8260B**	--	--	--	--	--	--	--
n-Propylbenzene	**8260B**	--	--	--	--	--	--	--
o-Chlorotoluene	**8260B**	--	--	--	--	--	--	--
o-Xylene	**8260B**	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U
p-Chlorotoluene	**8260B**	--	--	--	--	--	--	--
p-Cymene	**8260B**	--	--	--	--	--	--	--
sec-Butylbenzene	**8260B**	--	--	--	--	--	--	--
sec-Dichloropropane	**8260B**	--	--	--	--	--	--	--
Styrene	**8260B**	--	--	--	--	--	--	--
tert-Amylmethylether	**8260B**	--	--	--	--	--	--	--
tert-Butylalcohol	**8260B**	11 U	--	--	--	--	--	11 U
tert-Butylethylether	**8260B**	--	--	--	--	--	--	--
tert-Butylbenzene	**8260B**	--	--	--	--	--	--	--
Tetrachloroethene	**8260B**	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Tetrahydrofuran	**8260B**	--	--	--	--	--	--	--
Toluene	**8260B**	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U
trans-1,2-Dichloroethene	**8260B**	0.75 J	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U
trans-1,3-Dichloropropene	**8260B**	--	--	--	--	--	--	--
trans-1,4-Dichloro-2-butene	**8260B**	--	--	--	--	--	--	--
Trichloroethene	**8260B**	140	0.16 U	0.16 U	0.16 U	0.16 U	4.3	0.16 U
Trichlorofluoromethane	**8260B**	0.29 U	0.29 U	0.29 U	0.29 UJ	0.29 U	0.29 U	0.29 U
Vinylacetate	**8260B**	--	--	--	--	--	--	--
Vinylchloride	**8260B**	0.1 U	0.1 U	0.1 U	0.1 UJ	0.1 U	0.1 U	0.1 U
Xylenes,Total	**8260B**	--	--	--	--	--	--	--

TABLE 12
VOLATILE ORGANIC COMPOUNDS ANALYTICAL RESULTS, 2012
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

	Well Identifier:	RD-66	RD-66	RD-67	RD-67	RD-68A	RD-68A	RD-68B
	SampleType:	Primary	Field Duplicate	Primary	Primary	Primary	Primary	Primary
	Sample Name:	RD-66_080212_01	RD-66_080212_36	RD-67_012512_01	RD-67_072012_01	RD-68A_011212_01	RD-68A_071612_01	RD-68B_011212_01
	Groundwater Unit:	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth
	Lab Name:	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
	Collection Date:	8/2/2012	8/2/2012	1/25/2012	7/20/2012	1/12/2012	7/16/2012	1/12/2012
Analyte (µg/L)	**Method**							
1,1,1,2-Tetrachloroethane	**8260B**	--	--	--	--	--	--	--
1,1,1-Trichloroethane	**8260B**	0.16 U	--	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U
1,1,2,2-Tetrachloroethane	**8260B**	--	--	--	--	--	--	--
1,1,2-Trichloro-1,2,2-trifluoroethane	**8260B**	0.42 U	--	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U
1,1,2-Trichloroethane	**8260B**	0.27 U	--	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U
1,1-Dichloroethane	**8260B**	0.22 U	--	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U
1,1-Dichloroethene	**8260B**	0.23 U	--	0.23 U	0.23 U	0.23 U	0.23 U	0.23 U
1,1-Dichloropropene	**8260B**	--	--	--	--	--	--	--
1,2,3-Trichlorobenzene	**8260B**	--	--	--	--	--	--	--
1,2,3-Trichloropropane	**524.2**	0.0017 U	--	--	--	0.0017 U	0.0017 U	0.0017 U
1,2,3-Trichloropropane	**524M**	--	--	--	--	--	--	--
1,2,3-Trichloropropane	**8260B**	--	--	--	--	--	--	--
1,2,4-Trichlorobenzene	**8260B**	--	--	--	--	--	--	--
1,2,4-Trimethylbenzene	**8260B**	--	--	--	--	--	--	--
1,2-Dibromo-3-chloropropane	**504.1**	--	--	--	--	--	--	--
1,2-Dibromo-3-chloropropane	**8260B**	--	--	--	--	--	--	--
1,2-Dibromoethane	**504.1**	--	--	--	--	--	--	--
1,2-Dibromoethane	**8260B**	--	--	--	--	--	--	--
1,2-Dichlorobenzene	**8260B**	--	--	--	--	--	--	--
1,2-Dichloroethane	**8260B**	0.13 U	--	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U
1,2-Dichloropropane	**8260B**	--	--	--	--	--	--	--
1,3,5-Trimethylbenzene	**8260B**	--	--	--	--	--	--	--
1,3-Dichlorobenzene	**8260B**	--	--	--	--	--	--	--
1,4-Dichlorobenzene	**8260B**	--	--	--	--	--	--	--
1,4-Dioxane	**8260B SIM**	0.22 U	--	0.64 U	0.22 U	0.64 U	0.22 U	0.64 U
2-Chloroethylvinylether	**8260B**	--	--	--	--	--	--	--
2-Hexanone	**8260B**	--	--	--	--	--	--	--
Acetone	**8260B**	10 UJ	--	1.9 U	10 U	1.9 U	1.9 U	1.9 U
Acetonitrile	**8260B**	--	--	--	--	--	--	--
Acrolein	**8260B**	--	--	--	--	--	--	--
Acrylonitrile	**8260B**	--	--	--	--	--	--	--
Allylchloride	**8260B**	--	--	--	--	--	--	--
Benzene	**8260B**	0.16 U	--	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U
Bromobenzene	**8260B**	--	--	--	--	--	--	--
Bromochloromethane	**8260B**	--	--	--	--	--	--	--
Bromodichloromethane	**8260B**	--	--	--	--	--	--	--
Bromoform	**8260B**	--	--	--	--	--	--	--
Bromomethane	**8260B**	--	--	--	--	--	--	--
CarbonDisulfide	**8260B**	--	--	--	--	--	--	--
CarbonTetrachloride	**8260B**	0.19 U	--	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U
Chlorobenzene	**8260B**	--	--	--	--	--	--	--
Chloroethane	**8260B**	--	--	--	--	--	--	--
Chloroform	**8260B**	0.16 U	--	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U
Chloromethane	**8260B**	--	--	--	--	--	--	--
Chloroprene	**8260B**	--	--	--	--	--	--	--
cis-1,2-Dichloroethene	**8260B**	0.15 U	--	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U
cis-1,3-Dichloropropene	**8260B**	--	--	--	--	--	--	--
Cumene	**8260B**	--	--	--	--	--	--	--
Dibromochloromethane	**8260B**	--	--	--	--	--	--	--
Dibromomethane	**8260B**	--	--	--	--	--	--	--
Dichlorodifluoromethane	**8260B**	--	--	--	--	--	--	--
Diisopropylether	**8260B**	--	--	--	--	--	--	--
Ethylcyanide	**8260B**	--	--	--	--	--	--	--
Ethylmethacrylate	**8260B**	--	--	--	--	--	--	--
Ethylbenzene	**8260B**	0.16 U	--	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U
Hexachlorobutadiene	**8260B**	--	--	--	--	--	--	--
Iodomethane	**8260B**	--	--	--	--	--	--	--
Isobutanol	**8260B**	--	--	--	--	--	--	--
Isopropanol	**8260B**	--	--	--	--	--	--	--
Methacrylonitrile	**8260B**	--	--	--	--	--	--	--
Methylethylketone	**8260B**	2 U	--	2 U	2 U	2 U	2 U	2 U
Methylisobutylketone(MIBK)	**8260B**	--	--	--	--	--	--	--
Methylmethacrylate	**8260B**	--	--	--	--	--	--	--
Methyltert-butylether	**8260B**	0.25 U	0.25 U	--	0.25 U	--	--	--
Methylenechloride	**8260B**	0.32 U	--	0.32 U	5 U	5 U	0.32 U	5 U
m-Xylene&p-Xylene	**8260B**	0.34 U	--	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U
n-Butylbenzene	**8260B**	--	--	--	--	--	--	--
n-Propylbenzene	**8260B**	--	--	--	--	--	--	--
o-Chlorotoluene	**8260B**	--	--	--	--	--	--	--
o-Xylene	**8260B**	0.19 U	--	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U
p-Chlorotoluene	**8260B**	--	--	--	--	--	--	--
p-Cymene	**8260B**	--	--	--	--	--	--	--
sec-Butylbenzene	**8260B**	--	--	--	--	--	--	--
sec-Dichloropropane	**8260B**	--	--	--	--	--	--	--
Styrene	**8260B**	--	--	--	--	--	--	--
tert-Amylmethylether	**8260B**	--	--	--	--	--	--	--
tert-Butylalcohol	**8260B**	11 U	11 U	--	11 U	--	--	--
tert-Butylethylether	**8260B**	--	--	--	--	--	--	--
tert-Butylbenzene	**8260B**	--	--	--	--	--	--	--
Tetrachloroethene	**8260B**	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Tetrahydrofuran	**8260B**	--	--	--	--	--	--	--
Toluene	**8260B**	0.17 U	--	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U
trans-1,2-Dichloroethene	**8260B**	0.15 U	--	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U
trans-1,3-Dichloropropene	**8260B**	--	--	--	--	--	--	--
trans-1,4-Dichloro-2-butene	**8260B**	--	--	--	--	--	--	--
Trichloroethene	**8260B**	0.16 U	--	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U
Trichlorofluoromethane	**8260B**	0.29 U	--	0.29 U	0.29 U	0.29 U	0.29 U	0.29 U
Vinylacetate	**8260B**	--	--	--	--	--	--	--
Vinylchloride	**8260B**	0.1 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Xylenes,Total	**8260B**	--	--	--	--	--	--	--

TABLE 12
VOLATILE ORGANIC COMPOUNDS ANALYTICAL RESULTS, 2012
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

	Well Identifier:	RD-68B	RD-69	RD-69	RD-69	RD-70	RD-70	RD-71
	SampleType:	Primary	Primary	Primary	Field Duplicate	Primary	Primary	Primary
	Sample Name:	RD-68B_071612_01	RD-69_020712_01	RD-69_073012_01	RD-69_073012_36	RD-70_013012_01	RD-70_080612_01	RD-71_020212_01
	Groundwater Unit:	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth
	Lab Name:	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
	Collection Date:	7/16/2012	2/7/2012	7/30/2012	7/30/2012	1/30/2012	8/6/2012	2/2/2012
Analyte (µg/L)	Method							
1,1,1,2-Tetrachloroethane	8260B	--	--	--	--	--	--	--
1,1,1-Trichloroethane	8260B	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U
1,1,2,2-Tetrachloroethane	8260B	--	--	--	--	--	--	--
1,1,2-Trichloro-1,2,2-trifluoroethane	8260B	0.42 U	3.3 J	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U
1,1,2-Trichloroethane	8260B	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U
1,1-Dichloroethane	8260B	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U
1,1-Dichloroethene	8260B	0.23 U	0.23 U	0.23 U	0.23 U	0.23 U	0.23 U	0.23 U
1,1-Dichloropropene	8260B	--	--	--	--	--	--	--
1,2,3-Trichlorobenzene	8260B	--	--	--	--	--	--	--
1,2,3-Trichloropropane	524.2	0.0017 U	--	--	--	--	--	0.0017 U
1,2,3-Trichloropropane	524M	--	--	--	--	--	--	--
1,2,3-Trichloropropane	8260B	--	--	--	--	--	--	--
1,2,4-Trichlorobenzene	8260B	--	--	--	--	--	--	--
1,2,4-Trimethylbenzene	8260B	--	--	--	--	--	--	--
1,2-Dibromo-3-chloropropane	504.1	--	--	--	--	--	--	--
1,2-Dibromo-3-chloropropane	8260B	--	--	--	--	--	--	--
1,2-Dibromoethane	504.1	--	--	--	--	--	--	--
1,2-Dibromoethane	8260B	--	--	--	--	--	--	--
1,2-Dichlorobenzene	8260B	--	--	--	--	--	--	--
1,2-Dichloroethane	8260B	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U
1,2-Dichloropropane	8260B	--	--	--	--	--	--	--
1,3,5-Trimethylbenzene	8260B	--	--	--	--	--	--	--
1,3-Dichlorobenzene	8260B	--	--	--	--	--	--	--
1,4-Dichlorobenzene	8260B	--	--	--	--	--	--	--
1,4-Dioxane	8260B SIM	0.22 U	0.64 U	0.22 U	0.22 U	--	--	0.64 U
2-Chloroethylvinylether	8260B	--	--	--	--	--	--	--
2-Hexanone	8260B	--	--	--	--	--	--	--
Acetone	8260B	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	10 UJ
Acetonitrile	8260B	--	--	--	--	--	--	--
Acrolein	8260B	--	--	--	--	--	--	--
Acrylonitrile	8260B	--	--	--	--	--	--	--
Allylchloride	8260B	--	--	--	--	--	--	--
Benzene	8260B	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U
Bromobenzene	8260B	--	--	--	--	--	--	--
Bromochloromethane	8260B	--	--	--	--	--	--	--
Bromodichloromethane	8260B	--	--	--	--	--	--	--
Bromoform	8260B	--	--	--	--	--	--	--
Bromomethane	8260B	--	--	--	--	--	--	--
CarbonDisulfide	8260B	--	--	--	--	--	--	--
CarbonTetrachloride	8260B	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U
Chlorobenzene	8260B	--	--	--	--	--	--	--
Chloroethane	8260B	--	--	--	--	--	--	--
Chloroform	8260B	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U
Chloromethane	8260B	--	--	--	--	--	--	--
Chloroprene	8260B	--	--	--	--	--	--	--
cis-1,2-Dichloroethene	8260B	0.15 U	0.7 J	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U
cis-1,3-Dichloropropene	8260B	--	--	--	--	--	--	--
Cumene	8260B	--	--	--	--	--	--	--
Dibromochloromethane	8260B	--	--	--	--	--	--	--
Dibromomethane	8260B	--	--	--	--	--	--	--
Dichlorodifluoromethane	8260B	--	--	--	--	--	--	--
Diisopropylether	8260B	--	--	--	--	--	--	--
Ethylcyanide	8260B	--	--	--	--	--	--	--
Ethylmethacrylate	8260B	--	--	--	--	--	--	--
Ethylbenzene	8260B	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U
Hexachlorobutadiene	8260B	--	--	--	--	--	--	--
Iodomethane	8260B	--	--	--	--	--	--	--
Isobutanol	8260B	--	--	--	--	--	--	--
Isopropanol	8260B	--	--	--	--	--	--	--
Methacrylonitrile	8260B	--	--	--	--	--	--	--
Methylethylketone	8260B	2 U	2 U	2 U	2 U	2 U	2 U	2 U
Methylisobutylketone(MIBK)	8260B	--	--	--	--	--	--	--
Methylmethacrylate	8260B	--	--	--	--	--	--	--
Methyltert-butylether	8260B	--	--	--	--	--	--	--
Methylenechloride	8260B	5 U	0.32 U	0.32 U	0.32 U	5 U	5 U	0.32 U
m-Xylene&p-Xylene	8260B	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U
n-Butylbenzene	8260B	--	--	--	--	--	--	--
n-Propylbenzene	8260B	--	--	--	--	--	--	--
o-Chlorotoluene	8260B	--	--	--	--	--	--	--
o-Xylene	8260B	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U
p-Chlorotoluene	8260B	--	--	--	--	--	--	--
p-Cymene	8260B	--	--	--	--	--	--	--
sec-Butylbenzene	8260B	--	--	--	--	--	--	--
sec-Dichloropropane	8260B	--	--	--	--	--	--	--
Styrene	8260B	--	--	--	--	--	--	--
tert-Amylmethylether	8260B	--	--	--	--	--	--	--
tert-Butylalcohol	8260B	--	--	--	--	--	--	--
tert-Butylethylether	8260B	--	--	--	--	--	--	--
tert-Butylbenzene	8260B	--	--	--	--	--	--	--
Tetrachloroethene	8260B	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Tetrahydrofuran	8260B	--	--	--	--	--	--	--
Toluene	8260B	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U
trans-1,2-Dichloroethene	8260B	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U
trans-1,3-Dichloropropene	8260B	--	--	--	--	--	--	--
trans-1,4-Dichloro-2-butene	8260B	--	--	--	--	--	--	--
Trichloroethene	8260B	0.16 U	12	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U
Trichlorofluoromethane	8260B	0.29 U	0.29 U	0.29 U	0.29 U	0.29 U	0.29 U	0.29 U
Vinylacetate	8260B	--	--	--	--	--	--	--
Vinylchloride	8260B	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Xylenes,Total	8260B	--	--	--	--	--	--	--

TABLE 12
VOLATILE ORGANIC COMPOUNDS ANALYTICAL RESULTS, 2012
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

	Well Identifier:	RD-71	RD-72 (Port 4)	RD-72 (Port 4)	RD-73	RD-73	RD-77	RD-77
	SampleType:	Primary	Primary	Primary	Primary	Primary	Primary	Primary
	Sample Name:	RD-71_080212_01	RD-72_012712_01	RD-72_071612_01	RD-73_021512_01	RD-73_080312_01	RD-77_021512_01	RD-77_080312_01
	Groundwater Unit:	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth
	Lab Name:	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
	Collection Date:	8/2/2012	1/27/2012	7/16/2012	2/15/2012	8/3/2012	2/15/2012	8/3/2012
Analyte (µg/L)	**Method**							
1,1,1,2-Tetrachloroethane	**8260B**	--	--	--	--	--	--	--
1,1,1-Trichloroethane	**8260B**	0.16 U	0.8 U	0.64 U	8 UJ	6.4 UJ	1.6 UJ	--
1,1,2,2-Tetrachloroethane	**8260B**	--	--	--	--	--	--	--
1,1,2-Trichloro-1,2,2-trifluoroethane	**8260B**	0.42 U	2.1 U	1.7 U	42 J	36 J	4.2 UJ	--
1,1,2-Trichloroethane	**8260B**	0.27 U	1.4 U	1.1 U	14 UJ	11 UJ	2.7 UJ	--
1,1-Dichloroethane	**8260B**	0.22 U	4.1 J	4.2	13 J	14 J	4.8 J	--
1,1-Dichloroethene	**8260B**	0.23 U	57	51	460 J	470 J	73 J	--
1,1-Dichloropropene	**8260B**	--	--	--	--	--	--	--
1,2,3-Trichlorobenzene	**8260B**	--	--	--	--	--	--	--
1,2,3-Trichloropropane	**524.2**	0.0017 U	--	--	0.0055	0.017 U	0.0017 U	0.0017 U
1,2,3-Trichloropropane	**524M**	--	--	--	--	--	--	--
1,2,3-Trichloropropane	**8260B**	--	--	--	--	--	--	--
1,2,4-Trichlorobenzene	**8260B**	--	--	--	--	--	--	--
1,2,4-Trimethylbenzene	**8260B**	--	--	--	--	--	--	--
1,2-Dibromo-3-chloropropane	**504.1**	--	--	--	--	--	--	--
1,2-Dibromo-3-chloropropane	**8260B**	--	--	--	--	--	--	--
1,2-Dibromoethane	**504.1**	--	--	--	--	--	--	--
1,2-Dibromoethane	**8260B**	--	--	--	--	--	--	--
1,2-Dichlorobenzene	**8260B**	--	--	--	--	--	--	--
1,2-Dichloroethane	**8260B**	0.13 U	0.65 U	0.52 U	6.5 UJ	5.2 UJ	1.3 UJ	--
1,2-Dichloropropane	**8260B**	--	--	--	--	--	--	--
1,3,5-Trimethylbenzene	**8260B**	--	--	--	--	--	--	--
1,3-Dichlorobenzene	**8260B**	--	--	--	--	--	--	--
1,4-Dichlorobenzene	**8260B**	--	--	--	--	--	--	--
1,4-Dioxane	**8260B SIM**	0.22 U	23	20	220	200	15	--
2-Chloroethylvinylether	**8260B**	--	--	--	--	--	--	--
2-Hexanone	**8260B**	--	--	--	--	--	--	--
Acetone	**8260B**	10 UJ	9.5 U	7.6 U	95 UJ	98 J	19 UJ	--
Acetonitrile	**8260B**	--	--	--	--	--	--	--
Acrolein	**8260B**	--	--	--	--	--	--	--
Acrylonitrile	**8260B**	--	--	--	--	--	--	--
Allylchloride	**8260B**	--	--	--	--	--	--	--
Benzene	**8260B**	0.16 U	0.8 U	0.64 U	11 J	17 J	1.6 UJ	--
Bromobenzene	**8260B**	--	--	--	--	--	--	--
Bromochloromethane	**8260B**	--	--	--	--	--	--	--
Bromodichloromethane	**8260B**	--	--	--	--	--	--	--
Bromoform	**8260B**	--	--	--	--	--	--	--
Bromomethane	**8260B**	--	--	--	--	--	--	--
CarbonDisulfide	**8260B**	--	--	--	--	--	--	--
CarbonTetrachloride	**8260B**	0.19 U	0.95 U	0.76 U	9.5 UJ	7.6 UJ	1.9 UJ	--
Chlorobenzene	**8260B**	--	--	--	--	--	--	--
Chloroethane	**8260B**	--	--	--	--	--	--	--
Chloroform	**8260B**	0.16 U	0.8 U	0.64 U	16 J	6.4 UJ	2.2 J	--
Chloromethane	**8260B**	--	--	--	--	--	--	--
Chloroprene	**8260B**	--	--	--	--	--	--	--
cis-1,2-Dichloroethene	**8260B**	0.15 U	1500	1400	350 J	440 J	100 J	--
cis-1,3-Dichloropropene	**8260B**	--	--	--	--	--	--	--
Cumene	**8260B**	--	--	--	--	--	--	--
Dibromochloromethane	**8260B**	--	--	--	--	--	--	--
Dibromomethane	**8260B**	--	--	--	--	--	--	--
Dichlorodifluoromethane	**8260B**	--	--	--	--	--	--	--
Diisopropylether	**8260B**	--	--	--	--	--	--	--
Ethylcyanide	**8260B**	--	--	--	--	--	--	--
Ethylmethacrylate	**8260B**	--	--	--	--	--	--	--
Ethylbenzene	**8260B**	0.16 U	0.8 U	0.64 U	8 UJ	6.4 UJ	1.6 UJ	--
Hexachlorobutadiene	**8260B**	--	--	--	--	--	--	--
Iodomethane	**8260B**	--	--	--	--	--	--	--
Isobutanol	**8260B**	--	--	--	--	--	--	--
Isopropanol	**8260B**	--	--	--	--	--	130 UJ	--
Methacrylonitrile	**8260B**	--	--	--	--	--	--	--
Methylethylketone	**8260B**	2 U	10 U	8 U	100 UJ	80 UJ	20 UJ	--
Methylisobutylketone(MIBK)	**8260B**	--	--	--	--	--	--	--
Methylmethacrylate	**8260B**	--	--	--	--	--	--	--
Methyltert-butylether	**8260B**	--	1.3 U	1 U	13 UJ	10 UJ	2.5 UJ	2.5 UJ
Methylenechloride	**8260B**	0.32 U	25 U	20 U	250 UJ	200 UJ	50 UJ	--
m-Xylene&p-Xylene	**8260B**	0.34 U	1.7 U	1.4 U	17 UJ	14 UJ	3.4 UJ	--
n-Butylbenzene	**8260B**	--	--	--	--	--	--	--
n-Propylbenzene	**8260B**	--	--	--	--	--	--	--
o-Chlorotoluene	**8260B**	--	--	--	--	--	--	--
o-Xylene	**8260B**	0.19 U	0.95 U	0.76 U	9.5 UJ	7.6 UJ	1.9 UJ	--
p-Chlorotoluene	**8260B**	--	--	--	--	--	--	--
p-Cymene	**8260B**	--	--	--	--	--	--	--
sec-Butylbenzene	**8260B**	--	--	--	--	--	--	--
sec-Dichloropropane	**8260B**	--	--	--	--	--	--	--
Styrene	**8260B**	--	--	--	--	--	--	--
tert-Amylmethylether	**8260B**	--	--	--	--	--	--	--
tert-Butylalcohol	**8260B**	--	55 U	44 U	550 UJ	440 UJ	110 UJ	110 UJ
tert-Butylethylether	**8260B**	--	--	--	--	--	--	--
tert-Butylbenzene	**8260B**	--	--	--	--	--	--	--
Tetrachloroethene	**8260B**	0.2 U	1 U	0.8 U	10 UJ	8 UJ	2 UJ	--
Tetrahydrofuran	**8260B**	--	--	--	--	--	--	--
Toluene	**8260B**	0.17 U	0.85 U	0.68 U	8.5 UJ	6.8 UJ	1.7 UJ	--
trans-1,2-Dichloroethene	**8260B**	0.15 U	16	15	7.5 UJ	6 UJ	1.5 UJ	--
trans-1,3-Dichloropropene	**8260B**	--	--	--	--	--	--	--
trans-1,4-Dichloro-2-butene	**8260B**	--	--	--	--	--	--	--
Trichloroethene	**8260B**	0.16 U	48	37	12000 J	9200 J	2700 J	--
Trichlorofluoromethane	**8260B**	0.29 U	1.5 U	1.2 U	15 UJ	12 UJ	2.9 UJ	--
Vinylacetate	**8260B**	--	--	--	--	--	--	--
Vinylchloride	**8260B**	0.1 U	4.2 J	4.3	5 UJ	17 J	1 UJ	--
Xylenes,Total	**8260B**	--	--	--	--	--	--	--

TABLE 12
VOLATILE ORGANIC COMPOUNDS ANALYTICAL RESULTS, 2012
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

	Well Identifier:	RD-78	RD-78	RD-81	RD-81	RD-83	RD-83	RD-84
	SampleType:	Primary	Primary	Primary	Primary	Primary	Primary	Primary
	Sample Name:	RD-78_021012_01	RD-78_080812_01	RD-81_020712_01	RD-81_080312_01	RD-83_020712_01	RD-83_073112_01	RD-84_020812_01
	Groundwater Unit:	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth
	Lab Name:	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
	Collection Date:	2/10/2012	8/8/2012	2/7/2012	8/3/2012	2/7/2012	7/31/2012	2/8/2012
Analyte (µg/L)	Method							
1,1,1,2-Tetrachloroethane	8260B	--	--	--	--	--	--	--
1,1,1-Trichloroethane	8260B	0.16 U	0.16 U	0.16 U	0.16 UJ	0.16 U	0.16 U	--
1,1,2,2-Tetrachloroethane	8260B	--	--	--	--	--	--	--
1,1,2-Trichloro-1,2,2-trifluoroethane	8260B	0.42 U	0.42 U	0.42 U	0.42 UJ	0.42 U	0.42 U	--
1,1,2-Trichloroethane	8260B	0.27 U	0.27 U	0.27 U	0.27 UJ	0.27 U	0.27 U	--
1,1-Dichloroethane	8260B	0.22 U	0.22 U	0.22 U	0.22 UJ	0.22 U	0.22 U	--
1,1-Dichloroethene	8260B	0.23 U	0.23 U	0.23 U	0.23 UJ	0.23 U	0.23 U	--
1,1-Dichloropropene	8260B	--	--	--	--	--	--	--
1,2,3-Trichlorobenzene	8260B	--	--	--	--	--	--	--
1,2,3-Trichloropropane	524.2	0.0017 U	0.0017 U	--	--	--	--	--
1,2,3-Trichloropropane	524M	--	--	--	--	--	--	--
1,2,3-Trichloropropane	8260B	--	--	--	--	--	--	--
1,2,4-Trichlorobenzene	8260B	--	--	--	--	--	--	--
1,2,4-Trimethylbenzene	8260B	--	--	--	--	--	--	--
1,2-Dibromo-3-chloropropane	504.1	--	--	--	--	--	--	--
1,2-Dibromo-3-chloropropane	8260B	--	--	--	--	--	--	--
1,2-Dibromoethane	504.1	--	--	--	--	--	--	--
1,2-Dibromoethane	8260B	--	--	--	--	--	--	--
1,2-Dichlorobenzene	8260B	--	--	--	--	--	--	--
1,2-Dichloroethane	8260B	0.13 U	0.13 U	0.13 U	0.13 UJ	0.13 U	0.13 U	--
1,2-Dichloropropane	8260B	--	--	--	--	--	--	--
1,3,5-Trimethylbenzene	8260B	--	--	--	--	--	--	--
1,3-Dichlorobenzene	8260B	--	--	--	--	--	--	--
1,4-Dichlorobenzene	8260B	--	--	--	--	--	--	--
1,4-Dioxane	8260B SIM	14	11	0.64 U	0.22 U	--	--	4.7
2-Chloroethylvinylether	8260B	--	--	--	--	--	--	--
2-Hexanone	8260B	--	--	--	--	--	--	--
Acetone	8260B	1.9 U	1.9 U	3 J	1.9 UJ	2.3 J	1.9 U	--
Acetonitrile	8260B	--	--	--	--	--	--	--
Acrolein	8260B	--	--	--	--	--	--	--
Acrylonitrile	8260B	--	--	--	--	--	--	--
Allylchloride	8260B	--	--	--	--	--	--	--
Benzene	8260B	0.16 U	0.16 U	0.16 U	0.16 UJ	0.16 U	0.16 U	--
Bromobenzene	8260B	--	--	--	--	--	--	--
Bromochloromethane	8260B	--	--	--	--	--	--	--
Bromodichloromethane	8260B	--	--	--	--	--	--	--
Bromoform	8260B	--	--	--	--	--	--	--
Bromomethane	8260B	--	--	--	--	--	--	--
CarbonDisulfide	8260B	--	--	--	--	--	--	--
CarbonTetrachloride	8260B	0.19 U	0.19 U	0.19 U	0.19 UJ	0.19 U	0.19 U	--
Chlorobenzene	8260B	--	--	--	--	--	--	--
Chloroethane	8260B	--	--	--	--	--	--	--
Chloroform	8260B	0.16 U	0.16 U	0.16 U	0.16 UJ	0.16 U	0.16 U	--
Chloromethane	8260B	--	--	--	--	--	--	--
Chloroprene	8260B	--	--	--	--	--	--	--
cis-1,2-Dichloroethene	8260B	0.15 U	0.15 U	0.15 U	0.2 J	0.15 U	0.15 U	--
cis-1,3-Dichloropropene	8260B	--	--	--	--	--	--	--
Cumene	8260B	--	--	--	--	--	--	--
Dibromochloromethane	8260B	--	--	--	--	--	--	--
Dibromomethane	8260B	--	--	--	--	--	--	--
Dichlorodifluoromethane	8260B	--	--	--	--	--	--	--
Diisopropylether	8260B	--	--	--	--	--	--	--
Ethylcyanide	8260B	--	--	--	--	--	--	--
Ethylmethacrylate	8260B	--	--	--	--	--	--	--
Ethylbenzene	8260B	0.16 U	0.16 U	0.16 U	0.16 UJ	0.16 U	0.16 U	--
Hexachlorobutadiene	8260B	--	--	--	--	--	--	--
Iodomethane	8260B	--	--	--	--	--	--	--
Isobutanol	8260B	--	--	--	--	--	--	--
Isopropanol	8260B	--	--	--	--	--	--	--
Methacrylonitrile	8260B	--	--	--	--	--	--	--
Methylethylketone	8260B	2 U	2 U	2 U	2 UJ	2 U	2 U	--
Methylisobutylketone(MIBK)	8260B	--	--	--	--	--	--	--
Methylmethacrylate	8260B	--	--	--	--	--	--	--
Methyltert-butylether	8260B	--	--	--	--	--	--	--
Methylenechloride	8260B	0.32 U	0.32 U	0.32 U	0.32 UJ	0.32 U	0.32 U	--
m-Xylene&p-Xylene	8260B	0.34 U	0.34 U	0.34 U	0.34 UJ	0.34 U	0.34 U	--
n-Butylbenzene	8260B	--	--	--	--	--	--	--
n-Propylbenzene	8260B	--	--	--	--	--	--	--
o-Chlorotoluene	8260B	--	--	--	--	--	--	--
o-Xylene	8260B	0.19 U	0.19 U	0.19 U	0.19 UJ	0.19 U	0.19 U	--
p-Chlorotoluene	8260B	--	--	--	--	--	--	--
p-Cymene	8260B	--	--	--	--	--	--	--
sec-Butylbenzene	8260B	--	--	--	--	--	--	--
sec-Dichloropropane	8260B	--	--	--	--	--	--	--
Styrene	8260B	--	--	--	--	--	--	--
tert-Amylmethylether	8260B	--	--	--	--	--	--	--
tert-Butylalcohol	8260B	--	--	--	--	--	--	--
tert-Butylethylether	8260B	--	--	--	--	--	--	--
tert-Butylbenzene	8260B	--	--	--	--	--	--	--
Tetrachloroethene	8260B	0.2 U	0.2 U	0.2 U	0.2 UJ	0.2 U	0.2 U	--
Tetrahydrofuran	8260B	--	--	--	--	--	--	--
Toluene	8260B	0.17 U	0.17 U	0.17 U	0.17 UJ	0.17 U	0.17 U	--
trans-1,2-Dichloroethene	8260B	0.15 U	0.15 U	0.15 U	0.15 UJ	0.15 U	0.15 U	--
trans-1,3-Dichloropropene	8260B	--	--	--	--	--	--	--
trans-1,4-Dichloro-2-butene	8260B	--	--	--	--	--	--	--
Trichloroethene	8260B	0.16 U	0.16 U	0.43 J	0.87 J	0.16 U	0.16 U	--
Trichlorofluoromethane	8260B	0.29 U	0.29 U	0.29 U	0.29 UJ	0.29 U	0.29 U	--
Vinylacetate	8260B	--	--	--	--	--	--	--
Vinylchloride	8260B	0.1 U	0.1 U	0.1 U	0.1 UJ	0.1 U	0.1 U	--
Xylenes,Total	8260B	--	--	--	--	--	--	--

TABLE 12
VOLATILE ORGANIC COMPOUNDS ANALYTICAL RESULTS, 2012
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		RD-84	RD-85	RD-86	RD-86	RD-96	RD-99	RD-99
SampleType:		Primary	Primary	Primary	Field Duplicate	Primary	Primary	Primary
Sample Name:		RD-84_080212_01	RD-85_011812_01	RD-86_011712_01	RD-86_011712_36	RD-96_011712_01	RD-99_012012_01	RD-99_072012_01
Groundwater Unit:		Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth
Lab Name:		TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
Collection Date:		8/2/2012	1/18/2012	1/17/2012	1/17/2012	1/17/2012	1/20/2012	7/20/2012
Analyte (µg/L)	**Method**							
1,1,1,2-Tetrachloroethane	8260B	--	--	--	--	--	--	--
1,1,1-Trichloroethane	8260B	--	0.16 UJ	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U
1,1,2,2-Tetrachloroethane	8260B	--	--	--	--	--	--	--
1,1,2-Trichloro-1,2,2-trifluoroethane	8260B	--	0.42 UJ	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U
1,1,2-Trichloroethane	8260B	--	0.27 UJ	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U
1,1-Dichloroethane	8260B	--	0.22 UJ	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U
1,1-Dichloroethene	8260B	--	0.23 UJ	0.23 U	0.23 U	0.23 U	1.1	0.55 J
1,1-Dichloropropene	8260B	--	--	--	--	--	--	--
1,2,3-Trichlorobenzene	8260B	--	--	--	--	--	--	--
1,2,3-Trichloropropane	524.2	--	--	--	--	--	--	--
1,2,3-Trichloropropane	524M	--	--	--	--	--	--	--
1,2,3-Trichloropropane	8260B	--	--	--	--	--	--	--
1,2,4-Trichlorobenzene	8260B	--	--	--	--	--	--	--
1,2,4-Trimethylbenzene	8260B	--	--	--	--	--	--	--
1,2-Dibromo-3-chloropropane	504.1	--	--	--	--	--	--	--
1,2-Dibromo-3-chloropropane	8260B	--	--	--	--	--	--	--
1,2-Dibromoethane	504.1	--	--	--	--	--	--	--
1,2-Dibromoethane	8260B	--	--	--	--	--	--	--
1,2-Dichlorobenzene	8260B	--	--	--	--	--	--	--
1,2-Dichloroethane	8260B	--	0.13 UJ	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U
1,2-Dichloropropane	8260B	--	--	--	--	--	--	--
1,3,5-Trimethylbenzene	8260B	--	--	--	--	--	--	--
1,3-Dichlorobenzene	8260B	--	--	--	--	--	--	--
1,4-Dichlorobenzene	8260B	--	--	--	--	--	--	--
1,4-Dioxane	8260B SIM	5.6	0.64 U	--	--	--	--	--
2-Chloroethylvinylether	8260B	--	--	--	--	--	--	--
2-Hexanone	8260B	--	--	--	--	--	--	--
Acetone	8260B	--	1.9 UJ	56 U	66 U	59 U	1.9 U	14 U
Acetonitrile	8260B	--	--	--	--	--	--	--
Acrolein	8260B	--	--	--	--	--	--	--
Acrylonitrile	8260B	--	--	--	--	--	--	--
Allylchloride	8260B	--	--	--	--	--	--	--
Benzene	8260B	--	0.16 UJ	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U
Bromobenzene	8260B	--	--	--	--	--	--	--
Bromochloromethane	8260B	--	--	--	--	--	--	--
Bromodichloromethane	8260B	--	--	--	--	--	--	--
Bromoform	8260B	--	--	--	--	--	--	--
Bromomethane	8260B	--	--	--	--	--	--	--
CarbonDisulfide	8260B	--	--	--	--	--	--	--
CarbonTetrachloride	8260B	--	0.19 UJ	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U
Chlorobenzene	8260B	--	--	--	--	--	--	--
Chloroethane	8260B	--	--	--	--	--	--	--
Chloroform	8260B	--	0.16 UJ	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U
Chloromethane	8260B	--	--	--	--	--	--	--
Chloroprene	8260B	--	--	--	--	--	--	--
cis-1,2-Dichloroethene	8260B	--	0.15 UJ	0.15 U	0.15 U	0.15 U	0.37 J	0.42 J
cis-1,3-Dichloropropene	8260B	--	--	--	--	--	--	--
Cumene	8260B	--	--	--	--	--	--	--
Dibromochloromethane	8260B	--	--	--	--	--	--	--
Dibromomethane	8260B	--	--	--	--	--	--	--
Dichlorodifluoromethane	8260B	--	--	--	--	--	--	--
Diisopropylether	8260B	--	--	--	--	--	--	--
Ethylcyanide	8260B	--	--	--	--	--	--	--
Ethylmethacrylate	8260B	--	--	--	--	--	--	--
Ethylbenzene	8260B	--	0.16 UJ	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U
Hexachlorobutadiene	8260B	--	--	--	--	--	--	--
Iodomethane	8260B	--	--	--	--	--	--	--
Isobutanol	8260B	--	--	--	--	--	--	--
Isopropanol	8260B	--	--	--	--	--	--	--
Methacrylonitrile	8260B	--	--	--	--	--	--	--
Methylethylketone	8260B	--	2 UJ	2 U	2 U	2 U	2 U	2 U
Methylisobutylketone(MIBK)	8260B	--	--	--	--	--	--	--
Methylmethacrylate	8260B	--	--	--	--	--	--	--
Methyltert-butylether	8260B	--	--	--	--	--	--	--
Methylenechloride	8260B	--	0.32 UJ	0.32 U	0.32 U	5 U	5 U	5 U
m-Xylene&p-Xylene	8260B	--	0.34 UJ	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U
n-Butylbenzene	8260B	--	--	--	--	--	--	--
n-Propylbenzene	8260B	--	--	--	--	--	--	--
o-Chlorotoluene	8260B	--	--	--	--	--	--	--
o-Xylene	8260B	--	0.19 UJ	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U
p-Chlorotoluene	8260B	--	--	--	--	--	--	--
p-Cymene	8260B	--	--	--	--	--	--	--
sec-Butylbenzene	8260B	--	--	--	--	--	--	--
sec-Dichloropropane	8260B	--	--	--	--	--	--	--
Styrene	8260B	--	--	--	--	--	--	--
tert-Amylmethylether	8260B	--	--	--	--	--	--	--
tert-Butylalcohol	8260B	--	--	--	--	--	--	--
tert-Butylethylether	8260B	--	--	--	--	--	--	--
tert-Butylbenzene	8260B	--	--	--	--	--	--	--
Tetrachloroethene	8260B	--	0.2 UJ	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Tetrahydrofuran	8260B	--	--	--	--	--	--	--
Toluene	8260B	--	0.17 UJ	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U
trans-1,2-Dichloroethene	8260B	--	0.15 UJ	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U
trans-1,3-Dichloropropene	8260B	--	--	--	--	--	--	--
trans-1,4-Dichloro-2-butene	8260B	--	--	--	--	--	--	--
Trichloroethene	8260B	--	0.16 UJ	0.16 U	0.16 U	0.16 U	2.7	0.44 J
Trichlorofluoromethane	8260B	--	0.29 UJ	0.29 U	0.29 U	0.29 U	0.29 U	0.29 U
Vinylacetate	8260B	--	--	--	--	--	--	--
Vinylchloride	8260B	--	0.1 UJ	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Xylenes,Total	8260B	--	--	--	--	--	--	--

TABLE 12
VOLATILE ORGANIC COMPOUNDS ANALYTICAL RESULTS, 2012
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

	Well Identifier:	RD-100	RD-100	RD-104	RS-32	RS-33	RS-33	RS-34
	SampleType:	Primary	Primary	Primary	Primary	Primary	Primary	Primary
	Sample Name:	RD-100_011312_01	RD-100_072012_01A	RD-104_020112_01A	RS-32_080212_01	RS-33_013112_01	RS-33_080912_01	RS-34_020712_01
	Groundwater Unit:	Chatsworth	Chatsworth	Chatsworth	Shallow	Shallow	Shallow	Shallow
	Lab Name:	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
	Collection Date:	1/13/2012	7/20/2012	2/1/2012	8/2/2012	1/31/2012	8/9/2012	2/7/2012
Analyte (µg/L)	Method							
1,1,1,2-Tetrachloroethane	8260B	--	--	0.21 U	--	0.42 U	--	0.21 U
1,1,1-Trichloroethane	8260B	0.16 U	0.16 U	0.16 U	0.16 U	0.43 J	0.3 J	0.16 U
1,1,2,2-Tetrachloroethane	8260B	--	--	0.21 U	--	0.42 U	--	0.21 U
1,1,2-Trichloro-1,2,2-trifluoroethane	8260B	0.42 U	0.42 U	--	0.42 U	1300	560	0.42 U
1,1,2-Trichloroethane	8260B	0.27 U	0.27 U	0.27 U	0.27 U	0.54 U	0.27 U	0.27 U
1,1-Dichloroethane	8260B	5.4	6.7	0.22 U	0.22 U	1.4 J	0.99 J	0.22 U
1,1-Dichloroethene	8260B	3.9	5.3	0.23 U	0.23 U	0.46 U	3.3	0.23 U
1,1-Dichloropropene	8260B	--	--	--	--	--	--	--
1,2,3-Trichlorobenzene	8260B	--	--	--	--	--	--	--
1,2,3-Trichloropropane	524.2	0.0017 U	0.0017 U	0.0017 U	0.0017 U	0.0017 U	--	0.0017 U
1,2,3-Trichloropropane	524M	--	--	--	--	--	--	--
1,2,3-Trichloropropane	8260B	--	--	--	--	--	--	--
1,2,4-Trichlorobenzene	8260B	--	--	--	--	--	--	--
1,2,4-Trimethylbenzene	8260B	--	--	--	--	--	--	--
1,2-Dibromo-3-chloropropane	504.1	--	--	0.0068 U	--	0.0068 U	--	0.0067 U
1,2-Dibromo-3-chloropropane	8260B	--	--	--	--	--	--	--
1,2-Dibromoethane	504.1	--	--	0.0037 U	--	0.0037 U	--	0.0036 U
1,2-Dibromoethane	8260B	--	--	--	--	--	--	--
1,2-Dichlorobenzene	8260B	--	--	0.15 U	--	0.3 U	--	0.15 U
1,2-Dichloroethane	8260B	0.13 U	0.13 U	0.13 U	0.13 U	0.26 U	0.13 U	0.13 U
1,2-Dichloropropane	8260B	--	--	0.18 U	--	0.36 U	--	0.18 U
1,3,5-Trimethylbenzene	8260B	--	--	--	--	--	--	--
1,3-Dichlorobenzene	8260B	--	--	0.13 U	--	0.26 U	--	0.13 U
1,4-Dichlorobenzene	8260B	--	--	0.16 U	--	0.32 U	--	0.16 U
1,4-Dioxane	8260B SIM	16	17	2 U	--	2	1.5 J	0.64 U
2-Chloroethylvinylether	8260B	--	--	--	--	--	--	--
2-Hexanone	8260B	--	--	1.7 U	--	3.4 U	--	1.7 U
Acetone	8260B	10 U	10 U	1.9 U	10 U	3.8 U	1.9 U	1.9 U
Acetonitrile	8260B	--	--	9.6 U	--	19 UJ	--	9.6 U
Acrolein	8260B	--	--	2.8 U	--	2.8 UJ	--	2.8 U
Acrylonitrile	8260B	--	--	1.4 U	--	1.4 UJ	--	1.4 U
Allylchloride	8260B	--	--	0.17 U	--	0.34 U	--	0.17 U
Benzene	8260B	0.16 U	0.16 U	0.16 U	0.16 U	0.32 U	0.16 U	0.16 U
Bromobenzene	8260B	--	--	--	--	--	--	--
Bromochloromethane	8260B	--	--	--	--	--	--	--
Bromodichloromethane	8260B	--	--	0.17 U	--	0.34 U	--	0.17 U
Bromoform	8260B	--	--	0.19 U	--	0.38 U	--	0.19 U
Bromomethane	8260B	--	--	0.21 U	--	0.42 U	--	0.21 U
CarbonDisulfide	8260B	--	--	0.45 U	--	0.9 U	--	0.45 U
CarbonTetrachloride	8260B	0.19 U	0.19 U	0.19 U	0.19 U	0.38 U	0.19 U	0.19 U
Chlorobenzene	8260B	--	--	0.17 U	--	0.34 U	--	0.17 U
Chloroethane	8260B	--	--	0.41 U	--	0.82 U	--	0.41 U
Chloroform	8260B	0.16 U	0.16 U	0.16 U	0.16 U	0.32 U	0.3 J	0.16 U
Chloromethane	8260B	--	--	0.3 U	--	0.6 U	--	0.3 U
Chloroprene	8260B	--	--	0.21 U	--	0.42 U	--	0.21 U
cis-1,2-Dichloroethene	8260B	2.3	2.7	12	0.36 J	44	33	0.19 J
cis-1,3-Dichloropropene	8260B	--	--	0.16 U	--	0.32 U	--	0.16 U
Cumene	8260B	--	--	--	--	--	--	--
Dibromochloromethane	8260B	--	--	0.17 U	--	0.34 U	--	0.17 U
Dibromomethane	8260B	--	--	0.17 U	--	0.34 U	--	0.17 U
Dichlorodifluoromethane	8260B	--	--	0.31 U	--	0.62 U	--	0.31 U
Diisopropylether	8260B	--	--	--	--	--	--	--
Ethylcyanide	8260B	--	--	3.7 U	--	7.4 UJ	--	3.7 U
Ethylmethacrylate	8260B	--	--	0.86 U	--	1.7 U	--	0.86 U
Ethylbenzene	8260B	0.16 U	0.16 U	0.16 U	0.16 U	0.32 U	0.16 U	0.16 U
Hexachlorobutadiene	8260B	--	--	--	--	--	--	--
Iodomethane	8260B	--	--	0.23 U	--	0.46 U	--	0.23 U
Isobutanol	8260B	--	--	37 U	--	73 U	--	37 U
Isopropanol	8260B	--	--	--	--	26 UJ	13 U	13 U
Methacrylonitrile	8260B	--	--	1.6 U	--	3.2 U	--	1.6 U
Methylethylketone	8260B	2 U	2 U	2 U	2 U	4 U	2 U	2 U
Methylisobutylketone(MIBK)	8260B	--	--	0.98 U	--	2 U	--	0.98 U
Methylmethacrylate	8260B	--	--	1.1 U	--	2.2 UJ	--	1.1 U
Methyltert-butylether	8260B	--	--	--	0.25 U	--	--	--
Methylenechloride	8260B	5 U	5 U	5 U	0.32 U	10 U	0.32 U	5 U
m-Xylene&p-Xylene	8260B	0.34 U	0.34 U	0.34 U	0.34 U	0.68 U	0.34 U	0.34 U
n-Butylbenzene	8260B	--	--	--	--	--	--	--
n-Propylbenzene	8260B	--	--	--	--	--	--	--
o-Chlorotoluene	8260B	--	--	--	--	--	--	--
o-Xylene	8260B	0.19 U	0.19 U	0.19 U	0.19 U	0.38 U	0.19 U	0.19 U
p-Chlorotoluene	8260B	--	--	--	--	--	--	--
p-Cymene	8260B	--	--	--	--	--	--	--
sec-Butylbenzene	8260B	--	--	--	--	--	--	--
sec-Dichloropropane	8260B	--	--	--	--	--	--	--
Styrene	8260B	--	--	0.17 U	--	0.34 U	--	0.17 U
tert-Amylmethylether	8260B	--	--	--	--	--	--	--
tert-Butylalcohol	8260B	--	--	--	11 U	--	--	--
tert-Butylethylether	8260B	--	--	--	--	--	--	--
tert-Butylbenzene	8260B	--	--	--	--	--	--	--
Tetrachloroethene	8260B	0.2 U	0.2 U	0.2 U	0.2 U	0.57 J	0.34 J	0.2 U
Tetrahydrofuran	8260B	--	--	--	--	--	--	--
Toluene	8260B	0.17 U	0.17 J	0.17 U	0.17 U	0.34 U	0.17 U	0.17 U
trans-1,2-Dichloroethene	8260B	0.15 U	0.15 U	4.3	0.15 U	0.52 J	0.27 J	0.15 U
trans-1,3-Dichloropropene	8260B	--	--	0.19 U	--	0.38 U	--	0.19 U
trans-1,4-Dichloro-2-butene	8260B	--	--	0.8 U	--	1.6 U	--	0.8 U
Trichloroethene	8260B	7	7.2	4.5	0.16 U	540	350	0.58 J
Trichlorofluoromethane	8260B	0.29 U	0.29 U	0.29 U	0.29 U	0.58 U	0.29 U	0.29 U
Vinylacetate	8260B	--	--	0.94 U	--	1.9 U	--	0.94 U
Vinylchloride	8260B	0.33 J	0.54 J	1.1	0.1 U	1.1 J	0.22 J	0.1 U
Xylenes,Total	8260B	--	--	--	--	--	--	--

TABLE 12
VOLATILE ORGANIC COMPOUNDS ANALYTICAL RESULTS, 2012
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

	Well Identifier:	RS-34	WS-04A	WS-04A	WS-06	WS-09	WS-09A	WS-09A
	SampleType:	Primary	Primary	Primary	Primary	Primary	Primary	Primary
	Sample Name:	RS-34_072412_01	WS-04A_013112_01	WS-04A_073012_01	WS-06_080612_01	WS-09_080912_01	WS-09A_022912_01	WS-09A_072012_01
	Groundwater Unit:	Shallow	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth
	Lab Name:	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
	Collection Date:	7/24/2012	1/31/2012	7/30/2012	8/6/2012	8/9/2012	2/29/2012	7/20/2012
Analyte (µg/L)	**Method**							
1,1,1,2-Tetrachloroethane	**8260B**	--	--	--	--	--	--	--
1,1,1-Trichloroethane	**8260B**	0.16 U	0.16 U	0.16 U	--	--	0.8 U	0.32 U
1,1,2,2-Tetrachloroethane	**8260B**	--	--	--	--	--	--	--
1,1,2-Trichloro-1,2,2-trifluoroethane	**8260B**	0.42 U	0.42 U	0.42 U	--	--	2.1 U	0.84 U
1,1,2-Trichloroethane	**8260B**	0.27 U	0.27 U	0.27 U	--	--	1.4 U	0.54 U
1,1-Dichloroethane	**8260B**	0.22 U	0.22 U	0.22 U	--	--	1.1 U	0.44 U
1,1-Dichloroethene	**8260B**	0.23 U	0.23 U	0.23 U	--	--	2.7 J	3.2
1,1-Dichloropropene	**8260B**	--	--	--	--	--	--	--
1,2,3-Trichlorobenzene	**8260B**	--	--	--	--	--	--	--
1,2,3-Trichloropropane	**524.2**	--	--	--	--	--	--	--
1,2,3-Trichloropropane	**524M**	--	--	--	--	--	--	--
1,2,3-Trichloropropane	**8260B**	--	--	--	--	--	--	--
1,2,4-Trichlorobenzene	**8260B**	--	--	--	--	--	--	--
1,2,4-Trimethylbenzene	**8260B**	--	--	--	--	--	--	--
1,2-Dibromo-3-chloropropane	**504.1**	--	--	--	--	--	--	--
1,2-Dibromo-3-chloropropane	**8260B**	--	--	--	--	--	--	--
1,2-Dibromoethane	**504.1**	--	--	--	--	--	--	--
1,2-Dibromoethane	**8260B**	--	--	--	--	--	--	--
1,2-Dichlorobenzene	**8260B**	--	--	--	--	--	--	--
1,2-Dichloroethane	**8260B**	0.13 U	0.13 U	0.13 U	--	--	0.65 U	0.26 U
1,2-Dichloropropane	**8260B**	--	--	--	--	--	--	--
1,3,5-Trimethylbenzene	**8260B**	--	--	--	--	--	--	--
1,3-Dichlorobenzene	**8260B**	--	--	--	--	--	--	--
1,4-Dichlorobenzene	**8260B**	--	--	--	--	--	--	--
1,4-Dioxane	**8260B SIM**	0.22 U	0.64 U	0.75 J	--	--	0.64 U	0.22 U
2-Chloroethylvinylether	**8260B**	--	--	--	--	--	--	--
2-Hexanone	**8260B**	--	--	--	--	--	--	--
Acetone	**8260B**	1.9 U	1.9 U	1.9 U	--	--	9.5 U	20 U
Acetonitrile	**8260B**	--	--	--	--	--	--	--
Acrolein	**8260B**	--	--	--	--	--	--	--
Acrylonitrile	**8260B**	--	--	--	--	--	--	--
Allylchloride	**8260B**	--	--	--	--	--	--	--
Benzene	**8260B**	0.16 U	0.16 U	0.16 U	--	--	0.8 U	0.32 U
Bromobenzene	**8260B**	--	--	--	--	--	--	--
Bromochloromethane	**8260B**	--	--	--	--	--	--	--
Bromodichloromethane	**8260B**	--	--	--	--	--	--	--
Bromoform	**8260B**	--	--	--	--	--	--	--
Bromomethane	**8260B**	--	--	--	--	--	--	--
CarbonDisulfide	**8260B**	--	--	--	--	--	--	--
CarbonTetrachloride	**8260B**	0.19 U	0.19 U	0.19 U	--	--	0.95 U	0.38 U
Chlorobenzene	**8260B**	--	--	--	--	--	--	--
Chloroethane	**8260B**	--	--	--	--	--	--	--
Chloroform	**8260B**	0.16 U	0.16 U	0.16 U	--	--	0.8 U	0.32 U
Chloromethane	**8260B**	--	--	--	--	--	--	--
Chloroprene	**8260B**	--	--	--	--	--	--	--
cis-1,2-Dichloroethene	**8260B**	0.24 J	0.15 U	0.15 U	--	--	640	780
cis-1,3-Dichloropropene	**8260B**	--	--	--	--	--	--	--
Cumene	**8260B**	--	--	--	--	--	--	--
Dibromochloromethane	**8260B**	--	--	--	--	--	--	--
Dibromomethane	**8260B**	--	--	--	--	--	--	--
Dichlorodifluoromethane	**8260B**	--	--	--	--	--	--	--
Diisopropylether	**8260B**	--	--	--	--	--	--	--
Ethylcyanide	**8260B**	--	--	--	--	--	--	--
Ethylmethacrylate	**8260B**	--	--	--	--	--	--	--
Ethylbenzene	**8260B**	0.16 U	0.16 U	0.16 U	--	--	0.8 U	0.32 U
Hexachlorobutadiene	**8260B**	--	--	--	--	--	--	--
Iodomethane	**8260B**	--	--	--	--	--	--	--
Isobutanol	**8260B**	--	--	--	--	--	--	--
Isopropanol	**8260B**	13 U	--	--	--	--	65 U	26 U
Methacrylonitrile	**8260B**	--	--	--	--	--	--	--
Methylethylketone	**8260B**	2 U	2 U	2 U	--	--	10 U	4 U
Methylisobutylketone(MIBK)	**8260B**	--	--	--	--	--	--	--
Methylmethacrylate	**8260B**	--	--	--	--	--	--	--
Methyltert-butylether	**8260B**	--	--	--	0.25 U	10 U	--	--
Methylenechloride	**8260B**	0.32 U	5 U	0.32 U	--	--	25 U	10 U
m-Xylene&p-Xylene	**8260B**	0.34 U	0.34 U	0.34 U	--	--	1.7 U	0.68 U
n-Butylbenzene	**8260B**	--	--	--	--	--	--	--
n-Propylbenzene	**8260B**	--	--	--	--	--	--	--
o-Chlorotoluene	**8260B**	--	--	--	--	--	--	--
o-Xylene	**8260B**	0.19 U	0.19 U	0.19 U	--	--	0.95 U	0.38 U
p-Chlorotoluene	**8260B**	--	--	--	--	--	--	--
p-Cymene	**8260B**	--	--	--	--	--	--	--
sec-Butylbenzene	**8260B**	--	--	--	--	--	--	--
sec-Dichloropropane	**8260B**	--	--	--	--	--	--	--
Styrene	**8260B**	--	--	--	--	--	--	--
tert-Amylmethylether	**8260B**	--	--	--	--	--	--	--
tert-Butylalcohol	**8260B**	--	--	--	11 U	440 U	--	--
tert-Butylethylether	**8260B**	--	--	--	--	--	--	--
tert-Butylbenzene	**8260B**	--	--	--	--	--	--	--
Tetrachloroethene	**8260B**	0.2 U	0.2 U	0.2 U	--	--	1 U	0.4 U
Tetrahydrofuran	**8260B**	--	--	--	--	--	--	--
Toluene	**8260B**	0.17 U	0.17 U	0.17 U	--	--	0.85 U	0.34 U
trans-1,2-Dichloroethene	**8260B**	0.15 U	0.15 U	0.15 U	--	--	30	30
trans-1,3-Dichloropropene	**8260B**	--	--	--	--	--	--	--
trans-1,4-Dichloro-2-butene	**8260B**	--	--	--	--	--	--	--
Trichloroethene	**8260B**	0.73 J	0.16 U	0.16 U	--	--	1000	1100
Trichlorofluoromethane	**8260B**	0.29 U	0.29 U	0.29 U	--	--	1.5 U	0.58 U
Vinylacetate	**8260B**	--	--	--	--	--	--	--
Vinylchloride	**8260B**	0.1 U	0.1 U	0.1 U	--	--	3.1 J	4.9
Xylenes,Total	**8260B**	--	--	--	--	--	--	--

TABLE 12
VOLATILE ORGANIC COMPOUNDS ANALYTICAL RESULTS, 2012
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

	Well Identifier:	WS-12	WS-14
	SampleType:	Primary	Primary
	Sample Name:	WS-12_091112_01	WS-14_091012_01
	Groundwater Unit:	Chatsworth	Chatsworth
	Lab Name:	TA- Denver	TA- Denver
	Collection Date:	9/11/2012	9/10/2012
Analyte (µg/L)	Method		
1,1,1,2-Tetrachloroethane	8260B	--	--
1,1,1-Trichloroethane	8260B	0.16 U	--
1,1,2,2-Tetrachloroethane	8260B	--	--
1,1,2-Trichloro-1,2,2-trifluoroethane	8260B	0.42 U	--
1,1,2-Trichloroethane	8260B	0.27 U	--
1,1-Dichloroethane	8260B	0.22 U	--
1,1-Dichloroethene	8260B	0.23 U	--
1,1-Dichloropropene	8260B	--	--
1,2,3-Trichlorobenzene	8260B	--	--
1,2,3-Trichloropropane	524.2	--	--
1,2,3-Trichloropropane	524M	--	--
1,2,3-Trichloropropane	8260B	--	--
1,2,4-Trichlorobenzene	8260B	--	--
1,2,4-Trimethylbenzene	8260B	--	--
1,2-Dibromo-3-chloropropane	504.1	--	--
1,2-Dibromo-3-chloropropane	8260B	--	--
1,2-Dibromoethane	504.1	--	--
1,2-Dibromoethane	8260B	--	--
1,2-Dichlorobenzene	8260B	--	--
1,2-Dichloroethane	8260B	0.13 U	--
1,2-Dichloropropane	8260B	--	--
1,3,5-Trimethylbenzene	8260B	--	--
1,3-Dichlorobenzene	8260B	--	--
1,4-Dichlorobenzene	8260B	--	--
1,4-Dioxane	8260B SIM	--	--
2-Chloroethylvinylether	8260B	--	--
2-Hexanone	8260B	--	--
Acetone	8260B	1.9 U	--
Acetonitrile	8260B	--	--
Acrolein	8260B	--	--
Acrylonitrile	8260B	--	--
Allylchloride	8260B	--	--
Benzene	8260B	0.16 U	--
Bromobenzene	8260B	--	--
Bromochloromethane	8260B	--	--
Bromodichloromethane	8260B	--	--
Bromoform	8260B	--	--
Bromomethane	8260B	--	--
CarbonDisulfide	8260B	--	--
CarbonTetrachloride	8260B	0.19 U	--
Chlorobenzene	8260B	--	--
Chloroethane	8260B	--	--
Chloroform	8260B	0.16 U	--
Chloromethane	8260B	--	--
Chloroprene	8260B	--	--
cis-1,2-Dichloroethene	8260B	18	--
cis-1,3-Dichloropropene	8260B	--	--
Cumene	8260B	--	--
Dibromochloromethane	8260B	--	--
Dibromomethane	8260B	--	--
Dichlorodifluoromethane	8260B	--	--
Diisopropylether	8260B	--	--
Ethylcyanide	8260B	--	--
Ethylmethacrylate	8260B	--	--
Ethylbenzene	8260B	0.16 U	--
Hexachlorobutadiene	8260B	--	--
Iodomethane	8260B	--	--
Isobutanol	8260B	--	--
Isopropanol	8260B	--	--
Methacrylonitrile	8260B	--	--
Methylethylketone	8260B	2 U	--
Methylisobutylketone(MIBK)	8260B	--	--
Methylmethacrylate	8260B	--	--
Methyltert-butylether	8260B	--	0.25 U
Methylenechloride	8260B	0.32 U	--
m-Xylene&p-Xylene	8260B	0.34 U	--
n-Butylbenzene	8260B	--	--
n-Propylbenzene	8260B	--	--
o-Chlorotoluene	8260B	--	--
o-Xylene	8260B	0.19 U	--
p-Chlorotoluene	8260B	--	--
p-Cymene	8260B	--	--
sec-Butylbenzene	8260B	--	--
sec-Dichloropropane	8260B	--	--
Styrene	8260B	--	--
tert-Amylmethylether	8260B	--	--
tert-Butylalcohol	8260B	--	11 U
tert-Butylethylether	8260B	--	--
tert-Butylbenzene	8260B	--	--
Tetrachloroethene	8260B	0.2 U	--
Tetrahydrofuran	8260B	--	--
Toluene	8260B	0.17 U	--
trans-1,2-Dichloroethene	8260B	6.8	--
trans-1,3-Dichloropropene	8260B	--	--
trans-1,4-Dichloro-2-butene	8260B	--	--
Trichloroethene	8260B	0.16 U	--
Trichlorofluoromethane	8260B	0.29 U	--
Vinylacetate	8260B	--	--
Vinylchloride	8260B	0.1 U	--
Xylenes,Total	8260B	--	--

NOTES AND ABBREVIATIONS

Chatsworth - Chatsworth Formation groundwater uni
Shallow - Near-surface groundwater uni

µg/L - micrograms per liter

-- Not available
TA - TestAmerica
J - Result is estimated
R - Result is rejected
U - Not detected above the method detection limit (MDL) or reporting limit (RL
UJ - The result is not detected; however, the RL/MDL is estimated

TABLE 13
SEMI-VOLATILE ORGANIC COMPOUNDS ANALYTICAL RESULTS, 2012
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

	Well Identifier:	ES-17	ES-17	ES-17	ES-24	ES-24	ES-26
	SampleType:	Primary	Field Duplicate	Primary	Primary	Primary	Primary
	Sample Name:	ES-17_020312_01	ES-17_020312_36	ES-17_080712_01	ES-24_012412_01	ES-24_080812_01	ES-26_021512_01
	Groundwater Unit:	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow
	Lab Name:	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
	Collection Date:	2/3/2012	2/3/2012	8/7/2012	1/24/2012	8/8/2012	2/15/2012
Analyte (µg/L)	**Method**						
1,2,4,5-Tetrachlorobenzene	**8270C**	1.7 U	--	--	--	--	--
1,2,4-Trichlorobenzene	**8270C**	0.28 U	--	0.28 U	--	--	--
1,2-Dichlorobenzene	**8270C**	--	--	--	--	--	--
1,3-Dichlorobenzene	**8270C**	0.3 U	--	--	--	--	--
1,3-Dinitrobenzene	**8270C**	2 U	--	2 U	--	--	1.9 U
1,4-Dichlorobenzene	**8270C**	--	--	--	--	--	--
1,4-Naphthoquinone	**8270C**	14 U	--	--	--	--	--
1-Methylnaphthalene	**8270C SIM**	--	--	--	--	--	--
2,3,4,6-Tetrachlorophenol	**8270C**	2 U	--	--	--	--	--
2,4,5-Trichlorophenol	**8270C**	0.44 U	--	--	--	--	--
2,4,6-Trichlorophenol	**8270C**	0.29 U	--	0.29 U	--	--	--
2,4-Dichlorophenol	**8270C**	0.63 U	--	0.64 U	--	--	--
2,4-Dimethylphenol	**8270C**	0.57 U	--	0.58 U	--	--	--
2,4-Dinitrophenol	**8270C**	9.8 U	--	10 U	--	--	--
2,4-Dinitrotoluene	**8270C**	1.6 U	--	1.7 U	--	--	--
2,6-Dichlorophenol	**8270C**	1.3 U	--	--	--	--	--
2,6-Dinitrotoluene	**8270C**	1.9 U	--	1.9 U	--	--	--
2-Chloronaphthalene	**8270C**	0.26 U	--	0.26 U	--	--	--
2-Chlorophenol	**8270C**	2 U	--	2 U	--	--	--
2-Methylnaphthalene	**8270C**	0.29 U	--	--	--	--	--
2-Methylnaphthalene	**8270C SIM**	--	--	--	--	--	--
2-Nitroaniline	**8270C**	1.7 U	--	--	--	--	--
2-Nitrophenol	**8270C**	0.38 U	--	0.39 U	--	--	--
3,3'-Dichlorobenzidine	**8270C**	2 U	--	2 U	--	--	--
3-Methylcholanthrene	**8270C**	1.7 U	--	--	--	--	--
3-Nitroaniline	**8270C**	2 U	--	--	--	--	--
4,6-Dinitro-o-cresol	**8270C**	3.9 U	--	4 U	--	--	--
4-Aminobiphenyl	**8270C**	4.4 U	--	--	--	--	--
4-Bromophenylphenylether	**8270C**	0.42 U	--	0.43 U	--	--	--
4-Chlorophenylphenylether	**8270C**	1.6 U	--	1.7 U	--	--	--
4-Nitrophenol	**8270C**	1.2 U	--	1.2 U	--	--	--
4-Nitroquinoline-1-oxide	**8270C**	20 U	--	--	--	--	--
5-Nitro-o-toluidine	**8270C**	1.4 U	--	--	--	--	--
7,12-Dimethylbenz(a)anthracene	**8270C**	1.5 U	--	--	--	--	--
Acenaphthene	**8270C**	0.28 U	--	0.28 U	--	--	--
Acenaphthene	**8270C SIM**	--	--	--	--	--	--
Acenaphthylene	**8270C**	0.48 U	--	0.49 U	--	--	--
Acenaphthylene	**8270C SIM**	--	--	--	--	--	--
Acetamidofluorene	**8270C**	6.9 U	--	--	--	--	--
Acetophenone	**8270C**	0.24 U	--	--	--	--	--
alpha,alpha-Dimethylphenethylamine	**8270C**	20 U	--	--	--	--	--
alpha-Naphthylamine	**8270C**	3.1 U	--	--	--	--	--
alpha-Picoline	**8270C**	1.2 UJ	--	--	--	--	--
Aniline	**8270C**	2 U	--	--	--	--	--
Anthracene	**8270C**	0.41 U	--	0.42 U	--	--	--
Anthracene	**8270C SIM**	--	--	--	--	--	--
Aramite	**8270C**	9.1 U	--	--	--	--	--
Benzidine	**8270C**	--	--	50 U	--	--	--
Benzo(a)anthracene	**8270C**	0.34 U	--	0.35 U	--	--	--
Benzo(a)anthracene	**8270C SIM**	--	--	--	--	--	--
Benzo(a)pyrene	**8270C**	0.31 U	--	0.31 U	--	--	--
Benzo(a)pyrene	**8270C SIM**	--	--	--	--	--	--
Benzo(b)fluoranthene	**8270C**	0.52 U	--	0.53 U	--	--	--
Benzo(b)fluoranthene	**8270C SIM**	--	--	--	--	--	--
Benzo(ghi)perylene	**8270C**	0.49 U	--	0.5 U	--	--	--
Benzo(ghi)perylene	**8270C SIM**	--	--	--	--	--	--
Benzo(k)fluoranthene	**8270C**	0.45 U	--	0.46 U	--	--	--
Benzo(k)fluoranthene	**8270C SIM**	--	--	--	--	--	--
Benzoicacid	**8270C**	--	--	--	--	--	--
Benzylalcohol	**8270C**	0.23 U	--	--	--	--	--
beta-Naphthylamine	**8270C**	3 U	--	--	--	--	--
bis(2-Chloroethoxy)methane	**8270C**	0.95 U	--	0.97 U	--	--	--
bis(2-Chloroethyl)ether	**8270C**	0.4 U	--	0.41 U	--	--	--
bis(2-Chloroisopropyl)ether	**8270C**	0.28 U	--	0.28 U	--	--	--
bis(2-Ethylhexyl)phthalate	**8270C**	0.55 U	--	0.56 U	--	--	0.95 J
bis(2-Ethylhexyl)phthalate	**8270C SIM**	--	--	--	--	--	--
Butylbenzylphthalate	**8270C**	0.98 U	--	1 U	--	--	0.95 U
Butylbenzylphthalate	**8270C SIM**	--	--	--	--	--	--
Chrysene	**8270C**	0.53 U	--	0.54 U	--	--	--
Chrysene	**8270C SIM**	--	--	--	--	--	--
Dibenzo(a,h)anthracene	**8270C**	0.5 U	--	0.51 U	--	--	--
Dibenzo(a,h)anthracene	**8270C SIM**	--	--	--	--	--	--
Dibenzofuran	**8270C**	0.29 U	--	--	--	--	--

TABLE 13
SEMI-VOLATILE ORGANIC COMPOUNDS ANALYTICAL RESULTS, 2012
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		ES-17	ES-17	ES-17	ES-24	ES-24	ES-26
SampleType:		Primary	Field Duplicate	Primary	Primary	Primary	Primary
Sample Name:		ES-17_020312_01	ES-17_020312_36	ES-17_080712_01	ES-24_012412_01	ES-24_080812_01	ES-26_021512_01
Groundwater Unit:		Shallow	Shallow	Shallow	Shallow	Shallow	Shallow
Lab Name:		TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
Collection Date:		2/3/2012	2/3/2012	8/7/2012	1/24/2012	8/8/2012	2/15/2012
Analyte (µg/L)	**Method**						
Diethylphthalate	**8270C**	0.37 U	--	0.38 U	--	--	0.36 U
Diethylphthalate	**8270C SIM**	--	--	--	--	--	--
Dimethylphthalate	**8270C**	0.21 U	--	0.21 U	--	--	0.2 U
Dimethylphthalate	**8270C SIM**	--	--	--	--	--	--
Di-n-butylphthalate	**8270C**	1.1 U	--	1.2 U	--	--	1.1 U
Di-n-butylphthalate	**8270C SIM**	--	--	--	--	--	--
Di-n-octylphthalate	**8270C**	0.34 U	--	0.35 U	--	--	0.51 J
Di-n-octylphthalate	**8270C SIM**	--	--	--	--	--	--
Diphenylamine	**8270C**	1 U	--	--	--	--	--
Ethylmethanesulfonate	**8270C**	0.93 U	--	--	--	--	--
Famphur	**8270C**	--	--	--	--	--	--
Fluoranthene	**8270C**	0.2 U	--	0.2 U	--	--	--
Fluoranthene	**8270C SIM**	--	--	--	--	--	--
Fluorene	**8270C**	0.31 U	--	0.31 U	--	--	--
Fluorene	**8270C SIM**	--	--	--	--	--	--
Formaldehyde	**8315**	50 U	--	50 U	--	--	50 U
Formaldehyde	**8315A**	--	--	--	--	--	--
Hexachlorobenzene	**8270C**	0.65 U	--	0.66 U	--	--	--
Hexachlorobutadiene	**8270C**	3.2 U	--	3.3 U	--	--	--
Hexachlorocyclopentadiene	**8270C**	1.5 U	--	--	--	--	--
Hexachloroethane	**8270C**	2.1 U	--	2.1 U	--	--	--
Hexachlorophene	**8151A**	--	--	--	--	--	--
Hexachlorophene	**8321A**	0.49 U	--	--	--	--	--
Hexachloropropene	**8270C**	2 U	--	--	--	--	--
Indeno(1,2,3-cd)pyrene	**8270C**	0.64 U	--	0.65 U	--	--	--
Indeno(1,2,3-cd)pyrene	**8270C SIM**	--	--	--	--	--	--
Isodrin	**8270C**	1.7 U	--	1.8 U	--	--	--
Isophorone	**8270C**	0.21 U	--	0.21 U	--	--	--
Isosafrole	**8270C**	0.98 U	--	--	--	--	--
m+pCresol	**8270C**	--	--	--	--	--	--
m-Cresol	**8270C**	0.25 U	--	--	--	--	--
Methapyrilene	**8270C**	20 U	--	--	--	--	--
Methylmethanesulfonate	**8270C**	0.98 UJ	--	--	--	--	--
Naphthalene	**8270C**	0.29 U	--	0.29 U	--	--	--
Naphthalene	**8270C SIM**	--	--	--	--	--	--
Nitrobenzene	**8270C**	0.8 U	--	0.81 U	--	--	0.77 U
n-Nitrosodiethylamine	**8270C**	1.7 U	--	--	--	--	--
n-Nitrosodimethylamine	**1625M**	0.56 J	0.91 J	0.61	0.005 U	0.005 U	0.005 U
n-Nitrosodimethylamine	**8270C**	0.64 J	--	0.67 J	--	--	--
n-Nitrosodimethylamine	**8270C SIM**	--	--	--	--	--	--
n-Nitrosodi-n-butylamine	**8270C**	1.2 U	--	--	--	--	--
n-Nitrosodi-n-propylamine	**8270C**	0.34 U	--	0.35 U	--	--	--
n-Nitrosodiphenylamine	**8270C**	0.43 U	--	--	--	--	--
n-Nitrosodiphenylamine as Diphenylamine	**8270C**	--	--	0.44 U	--	--	--
n-Nitrosomethylethylamine	**8270C**	1.7 U	--	--	--	--	--
n-Nitrosomorpholine	**8270C**	2 U	--	--	--	--	--
n-Nitrosopiperidine	**8270C**	2 U	--	--	--	--	--
n-Nitrosopyrrolidine	**8270C**	0.79 U	--	--	--	--	--
o,o,o-Triethylphosphorothioate	**8270C**	2 U	--	--	--	--	--
o-Cresol	**8270C**	0.96 U	--	--	--	--	--
o-Tolidine	**8270C**	3.9 U	--	--	--	--	--
o-Toluidine	**8270C**	1.4 U	--	--	--	--	--
p-Chloroaniline	**8270C**	2.1 U	--	--	--	--	--
p-Chloro-m-cresol	**8270C**	2.4 U	--	2.4 U	--	--	--
p-Cresol	**8270C**	0.25 U	--	--	--	--	--
p-Dimethylaminoazobenzene	**8270C**	2 U	--	--	--	--	--
Pentachlorobenzene	**8270C**	2 U	--	--	--	--	--
Pentachloroethane	**8270C**	2 U	--	--	--	--	--
Pentachloronitrobenzene	**8270C**	2 U	--	--	--	--	--
Pentachlorophenol	**8270C**	0.83 U	--	0.81 U	--	--	--
Phenacetin	**8270C**	1.1 U	--	--	--	--	--
Phenanthrene	**8270C**	0.26 U	--	0.26 U	--	--	--
Phenanthrene	**8270C SIM**	--	--	--	--	--	--
Phenol	**8270C**	2 U	--	2 U	--	--	--
p-Nitroaniline	**8270C**	2 U	--	--	--	--	--
p-Phenylenediamine	**8270C**	4.9 UJ	--	--	--	--	--
Pronamide	**8270C**	2 U	--	--	--	--	--
Pyrene	**8270C**	0.36 U	--	--	--	--	--
Pyrene	**8270C SIM**	--	--	--	--	--	--
Pyridine	**8270C**	1.7 U	--	--	--	--	--
Safrole	**8270C**	1.1 U	--	--	--	--	--
sym-Trinitrobenzene	**8270C**	3.9 U	--	--	--	--	--
Tetraethyldithiopyrophosphate	**8270C**	--	--	--	--	--	--

TABLE 13
SEMI-VOLATILE ORGANIC COMPOUNDS ANALYTICAL RESULTS, 2012
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

	Well Identifier:	ES-26	ES-26	ES-27	ES-27	HAR-01	HAR-01
	SampleType:	Field Duplicate	Primary	Primary	Primary	Primary	Field Duplicate
	Sample Name:	ES-26_021512_36	ES-26_080212_01	ES-27_020112_01	ES-27_080712_01	HAR-01_020812_01	HAR-01_020812_36
	Groundwater Unit:	Shallow	Shallow	Shallow	Shallow	Chatsworth	Chatsworth
	Lab Name:	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
	Collection Date:	2/15/2012	8/2/2012	2/1/2012	8/7/2012	2/8/2012	2/8/2012
Analyte (µg/L)	**Method**						
1,2,4,5-Tetrachlorobenzene	**8270C**	--	--	1.8 U	--	1.6 U	--
1,2,4-Trichlorobenzene	**8270C**	--	--	0.29 U	--	0.27 U	--
1,2-Dichlorobenzene	**8270C**	--	--	--	--	--	--
1,3-Dichlorobenzene	**8270C**	--	--	0.32 U	--	0.29 U	--
1,3-Dinitrobenzene	**8270C**	1.9 U	--	2.1 U	2 U	1.9 U	--
1,4-Dichlorobenzene	**8270C**	--	--	--	--	--	--
1,4-Naphthoquinone	**8270C**	--	--	14 U	--	13 U	--
1-Methylnaphthalene	**8270C SIM**	--	--	--	--	--	--
2,3,4,6-Tetrachlorophenol	**8270C**	--	--	2.1 U	--	1.9 U	--
2,4,5-Trichlorophenol	**8270C**	--	--	0.47 U	--	0.43 U	--
2,4,6-Trichlorophenol	**8270C**	--	--	0.3 U	--	0.28 U	--
2,4-Dichlorophenol	**8270C**	--	--	0.67 U	--	0.61 U	--
2,4-Dimethylphenol	**8270C**	--	--	0.61 U	--	0.55 U	--
2,4-Dinitrophenol	**8270C**	--	--	11 U	--	9.5 U	--
2,4-Dinitrotoluene	**8270C**	--	--	1.7 U	--	1.6 U	--
2,6-Dichlorophenol	**8270C**	--	--	1.4 U	--	1.3 U	--
2,6-Dinitrotoluene	**8270C**	--	--	2 U	--	1.8 U	--
2-Chloronaphthalene	**8270C**	--	--	0.27 U	--	0.25 U	--
2-Chlorophenol	**8270C**	--	--	2.1 U	--	1.9 U	--
2-Methylnaphthalene	**8270C**	--	--	0.3 U	--	0.28 U	--
2-Methylnaphthalene	**8270C SIM**	--	--	--	--	--	--
2-Nitroaniline	**8270C**	--	--	1.8 U	--	1.6 U	--
2-Nitrophenol	**8270C**	--	--	0.41 U	--	0.37 U	--
3,3'-Dichlorobenzidine	**8270C**	--	--	2.1 U	--	1.9 U	--
3-Methylcholanthrene	**8270C**	--	--	1.8 U	--	1.6 U	--
3-Nitroaniline	**8270C**	--	--	2.1 U	--	1.9 U	--
4,6-Dinitro-o-cresol	**8270C**	--	--	4.2 U	--	3.8 U	--
4-Aminobiphenyl	**8270C**	--	--	4.7 U	--	4.3 U	--
4-Bromophenylphenylether	**8270C**	--	--	0.45 U	--	0.41 U	--
4-Chlorophenylphenylether	**8270C**	--	--	1.7 U	--	1.6 U	--
4-Nitrophenol	**8270C**	--	--	1.3 U	--	1.2 U	--
4-Nitroquinoline-1-oxide	**8270C**	--	--	21 U	--	19 U	--
5-Nitro-o-toluidine	**8270C**	--	--	1.5 U	--	1.3 U	--
7,12-Dimethylbenz(a)anthracene	**8270C**	--	--	1.6 U	--	1.5 U	--
Acenaphthene	**8270C**	--	--	0.29 U	--	0.27 U	--
Acenaphthene	**8270C SIM**	--	--	--	--	--	--
Acenaphthylene	**8270C**	--	--	0.51 U	--	0.47 U	--
Acenaphthylene	**8270C SIM**	--	--	--	--	--	--
Acetamidofluorene	**8270C**	--	--	7.3 U	--	6.6 U	--
Acetophenone	**8270C**	--	--	0.25 U	--	0.23 U	--
alpha,alpha-Dimethylphenethylamine	**8270C**	--	--	21 U	--	19 U	--
alpha-Naphthylamine	**8270C**	--	--	3.3 U	--	2.9 U	--
alpha-Picoline	**8270C**	--	--	1.3 U	--	1.1 U	--
Aniline	**8270C**	--	--	2.1 U	--	1.9 U	--
Anthracene	**8270C**	--	--	0.44 U	--	0.4 U	--
Anthracene	**8270C SIM**	--	--	--	--	--	--
Aramite	**8270C**	--	--	9.7 U	--	8.7 U	--
Benzidine	**8270C**	--	--	--	--	--	--
Benzo(a)anthracene	**8270C**	--	--	0.37 U	--	0.33 U	--
Benzo(a)anthracene	**8270C SIM**	--	--	--	--	--	--
Benzo(a)pyrene	**8270C**	--	--	0.33 U	--	0.29 U	--
Benzo(a)pyrene	**8270C SIM**	--	--	--	--	--	--
Benzo(b)fluoranthene	**8270C**	--	--	0.56 U	--	0.5 U	--
Benzo(b)fluoranthene	**8270C SIM**	--	--	--	--	--	--
Benzo(ghi)perylene	**8270C**	--	--	0.53 U	--	0.48 U	--
Benzo(ghi)perylene	**8270C SIM**	--	--	--	--	--	--
Benzo(k)fluoranthene	**8270C**	--	--	0.48 U	--	0.44 U	--
Benzo(k)fluoranthene	**8270C SIM**	--	--	--	--	--	--
Benzoicacid	**8270C**	--	--	--	--	--	--
Benzylalcohol	**8270C**	--	--	0.24 U	--	0.22 U	--
beta-Naphthylamine	**8270C**	--	--	3.2 U	--	2.9 U	--
bis(2-Chloroethoxy)methane	**8270C**	--	--	1 U	--	0.92 U	--
bis(2-Chloroethyl)ether	**8270C**	--	--	0.43 U	--	0.39 U	--
bis(2-Chloroisopropyl)ether	**8270C**	--	--	0.29 U	--	0.27 U	--
bis(2-Ethylhexyl)phthalate	**8270C**	0.53 U	2.8 J	0.59 U	0.55 U	0.53 U	--
bis(2-Ethylhexyl)phthalate	**8270C SIM**	--	--	--	--	--	--
Butylbenzylphthalate	**8270C**	0.95 U	0.95 U	1.1 U	0.99 U	0.95 U	--
Butylbenzylphthalate	**8270C SIM**	--	--	--	--	--	--
Chrysene	**8270C**	--	--	0.57 U	--	0.51 U	--
Chrysene	**8270C SIM**	--	--	--	--	--	--
Dibenzo(a,h)anthracene	**8270C**	--	--	0.54 U	--	0.49 U	--
Dibenzo(a,h)anthracene	**8270C SIM**	--	--	--	--	--	--
Dibenzofuran	**8270C**	--	--	0.3 U	--	0.28 U	--

TABLE 13
SEMI-VOLATILE ORGANIC COMPOUNDS ANALYTICAL RESULTS, 2012
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

	Well Identifier:	ES-26	ES-26	ES-27	ES-27	HAR-01	HAR-01
	SampleType:	Field Duplicate	Primary	Primary	Primary	Primary	Field Duplicate
	Sample Name:	ES-26_021512_36	ES-26_080212_01	ES-27_020112_01	ES-27_080712_01	HAR-01_020812_01	HAR-01_020812_36
	Groundwater Unit:	Shallow	Shallow	Shallow	Shallow	Chatsworth	Chatsworth
	Lab Name:	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
	Collection Date:	2/15/2012	8/2/2012	2/1/2012	8/7/2012	2/8/2012	2/8/2012
Analyte (µg/L)	**Method**						
Diethylphthalate	**8270C**	0.36 U	0.36 U	0.4 U	0.38 U	0.36 U	--
Diethylphthalate	**8270C SIM**	--	--	--	--	--	--
Dimethylphthalate	**8270C**	0.2 U	0.2 U	0.22 U	0.21 U	0.2 U	--
Dimethylphthalate	**8270C SIM**	--	--	--	--	--	--
Di-n-butylphthalate	**8270C**	1.1 U	1.1 U	1.2 U	1.1 U	1.1 U	--
Di-n-butylphthalate	**8270C SIM**	--	--	--	--	--	--
Di-n-octylphthalate	**8270C**	0.33 U	0.33 U	0.37 U	0.35 U	0.33 U	--
Di-n-octylphthalate	**8270C SIM**	--	--	--	--	--	--
Diphenylamine	**8270C**	--	--	1.1 U	--	1 U	--
Ethylmethanesulfonate	**8270C**	--	--	0.99 U	--	0.9 U	--
Famphur	**8270C**	--	--	--	--	--	--
Fluoranthene	**8270C**	--	--	0.21 U	--	0.19 U	--
Fluoranthene	**8270C SIM**	--	--	--	--	--	--
Fluorene	**8270C**	--	--	0.33 U	--	0.29 U	--
Fluorene	**8270C SIM**	--	--	--	--	--	--
Formaldehyde	**8315**	50 U	--	50 U	50 U	8.4 U	--
Formaldehyde	**8315A**	--	--	--	--	--	--
Hexachlorobenzene	**8270C**	--	--	0.69 U	--	0.63 U	--
Hexachlorobutadiene	**8270C**	--	--	3.5 U	--	3.1 U	--
Hexachlorocyclopentadiene	**8270C**	--	--	1.6 U	--	1.5 U	--
Hexachloroethane	**8270C**	--	--	2.2 U	--	2 U	--
Hexachlorophene	**8151A**	--	--	--	--	--	--
Hexachlorophene	**8321A**	--	--	0.49 U	--	0.49 U	--
Hexachloropropene	**8270C**	--	--	2.1 U	--	1.9 U	--
Indeno(1,2,3-cd)pyrene	**8270C**	--	--	0.68 U	--	0.62 U	--
Indeno(1,2,3-cd)pyrene	**8270C SIM**	--	--	--	--	--	--
Isodrin	**8270C**	--	--	1.9 U	--	1.7 U	--
Isophorone	**8270C**	--	--	0.22 U	--	0.2 U	--
Isosafrole	**8270C**	--	--	1.1 U	--	0.95 U	--
m+pCresol	**8270C**	--	--	--	--	--	--
m-Cresol	**8270C**	--	--	0.26 U	--	0.24 U	--
Methapyrilene	**8270C**	--	--	21 U	--	19 U	--
Methylmethanesulfonate	**8270C**	--	--	1.1 U	--	0.95 U	--
Naphthalene	**8270C**	--	--	0.3 U	--	0.28 U	--
Naphthalene	**8270C SIM**	--	--	--	--	--	--
Nitrobenzene	**8270C**	0.77 U	--	0.85 U	0.8 U	0.77 U	--
n-Nitrosodiethylamine	**8270C**	--	--	1.8 U	--	1.6 U	--
n-Nitrosodimethylamine	**1625M**	0.005 U	--	0.005 U	0.005 U	0.011	0.01
n-Nitrosodimethylamine	**8270C**	--	--	0.3 U	--	0.28 U	--
n-Nitrosodimethylamine	**8270C SIM**	--	--	--	--	--	--
n-Nitrosodi-n-butylamine	**8270C**	--	--	1.3 U	--	1.2 U	--
n-Nitrosodi-n-propylamine	**8270C**	--	--	0.37 U	--	0.33 U	--
n-Nitrosodiphenylamine	**8270C**	--	--	0.46 U	--	0.42 U	--
n-Nitrosodiphenylamine as Diphenylamine	**8270C**	--	--	--	--	--	--
n-Nitrosomethylethylamine	**8270C**	--	--	1.8 U	--	1.7 U	--
n-Nitrosomorpholine	**8270C**	--	--	2.1 U	--	1.9 U	--
n-Nitrosopiperidine	**8270C**	--	--	2.1 U	--	1.9 U	--
n-Nitrosopyrrolidine	**8270C**	--	--	0.84 U	--	0.76 U	--
o,o,o-Triethylphosphorothioate	**8270C**	--	--	2.1 U	--	1.9 U	--
o-Cresol	**8270C**	--	--	1 U	--	0.93 U	--
o-Tolidine	**8270C**	--	--	4.2 U	--	3.8 U	--
o-Toluidine	**8270C**	--	--	1.5 U	--	1.3 U	--
p-Chloroaniline	**8270C**	--	--	2.2 U	--	2 U	--
p-Chloro-m-cresol	**8270C**	--	--	2.5 U	--	2.3 U	--
p-Cresol	**8270C**	--	--	0.26 U	--	0.24 U	--
p-Dimethylaminoazobenzene	**8270C**	--	--	2.1 U	--	1.9 U	--
Pentachlorobenzene	**8270C**	--	--	2.1 U	--	1.9 U	--
Pentachloroethane	**8270C**	--	--	2.1 U	--	1.9 U	--
Pentachloronitrobenzene	**8270C**	--	--	2.1 U	--	1.9 U	--
Pentachlorophenol	**8270C**	--	--	0.82 U	--	0.76 U	--
Phenacetin	**8270C**	--	--	1.1 U	--	1 U	--
Phenanthrene	**8270C**	--	--	0.27 U	--	0.25 U	--
Phenanthrene	**8270C SIM**	--	--	--	--	--	--
Phenol	**8270C**	--	--	2.1 U	--	1.9 U	--
p-Nitroaniline	**8270C**	--	--	2.1 U	--	1.9 U	--
p-Phenylenediamine	**8270C**	--	--	5.3 U	--	4.8 U	--
Pronamide	**8270C**	--	--	2.1 U	--	1.9 U	--
Pyrene	**8270C**	--	--	0.39 U	--	0.35 U	--
Pyrene	**8270C SIM**	--	--	--	--	--	--
Pyridine	**8270C**	--	--	1.8 U	--	1.6 U	--
Safrole	**8270C**	--	--	1.2 U	--	1.1 U	--
sym-Trinitrobenzene	**8270C**	--	--	4.2 U	--	3.8 U	--
Tetraethyldithiopyrophosphate	**8270C**	--	--	--	--	--	--

TABLE 13
SEMI-VOLATILE ORGANIC COMPOUNDS ANALYTICAL RESULTS, 2012
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

	Well Identifier:	HAR-01	HAR-05	HAR-05	HAR-07	HAR-07
	SampleType:	Primary	Primary	Primary	Primary	Field Duplicate
	Sample Name:	HAR-01_080312_01	HAR-05_021012_01	HAR-05_072412_01	HAR-07_013112_01	HAR-07_013112_36
	Groundwater Unit:	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth
	Lab Name:	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
	Collection Date:	8/3/2012	2/10/2012	7/24/2012	1/31/2012	1/31/2012
Analyte (µg/L)	**Method**					
1,2,4,5-Tetrachlorobenzene	**8270C**	--	--	--	1.6 U	1.8 U
1,2,4-Trichlorobenzene	**8270C**	--	--	--	0.26 U	0.28 U
1,2-Dichlorobenzene	**8270C**	--	--	--	--	--
1,3-Dichlorobenzene	**8270C**	--	--	--	0.28 U	0.3 U
1,3-Dinitrobenzene	**8270C**	1.9 U	1.9 U	1.9 U	1.9 U	2 U
1,4-Dichlorobenzene	**8270C**	--	--	--	--	--
1,4-Naphthoquinone	**8270C**	--	--	--	13 U	14 U
1-Methylnaphthalene	**8270C SIM**	--	--	--	--	--
2,3,4,6-Tetrachlorophenol	**8270C**	--	--	--	1.9 U	2 U
2,4,5-Trichlorophenol	**8270C**	--	--	--	0.43 U	0.46 U
2,4,6-Trichlorophenol	**8270C**	--	--	--	0.27 U	0.29 U
2,4-Dichlorophenol	**8270C**	--	--	--	0.61 U	0.65 U
2,4-Dimethylphenol	**8270C**	--	--	--	0.55 U	0.59 U
2,4-Dinitrophenol	**8270C**	--	--	--	9.5 U	10 U
2,4-Dinitrotoluene	**8270C**	--	--	--	1.6 U	1.7 U
2,6-Dichlorophenol	**8270C**	--	--	--	1.3 U	1.4 U
2,6-Dinitrotoluene	**8270C**	--	--	--	1.8 U	1.9 U
2-Chloronaphthalene	**8270C**	--	--	--	0.25 U	0.26 U
2-Chlorophenol	**8270C**	--	--	--	1.9 U	2 U
2-Methylnaphthalene	**8270C**	--	--	--	0.27 U	0.29 U
2-Methylnaphthalene	**8270C SIM**	--	--	--	--	--
2-Nitroaniline	**8270C**	--	--	--	1.6 U	1.8 U
2-Nitrophenol	**8270C**	--	--	--	0.37 U	0.4 U
3,3'-Dichlorobenzidine	**8270C**	--	--	--	1.9 U	2 U
3-Methylcholanthrene	**8270C**	--	--	--	1.6 U	1.7 U
3-Nitroaniline	**8270C**	--	--	--	1.9 U	2 U
4,6-Dinitro-o-cresol	**8270C**	--	--	--	3.8 U	4.1 U
4-Aminobiphenyl	**8270C**	--	--	--	4.3 U	4.6 U
4-Bromophenylphenylether	**8270C**	--	--	--	0.41 U	0.44 U
4-Chlorophenylphenylether	**8270C**	--	--	--	1.6 U	1.7 U
4-Nitrophenol	**8270C**	--	--	--	1.2 U	1.2 U
4-Nitroquinoline-1-oxide	**8270C**	--	--	--	19 U	20 U
5-Nitro-o-toluidine	**8270C**	--	--	--	1.3 U	1.4 U
7,12-Dimethylbenz(a)anthracene	**8270C**	--	--	--	1.5 U	1.6 U
Acenaphthene	**8270C**	--	--	--	0.26 U	0.28 U
Acenaphthene	**8270C SIM**	--	--	--	--	--
Acenaphthylene	**8270C**	--	--	--	0.46 U	0.5 U
Acenaphthylene	**8270C SIM**	--	--	--	--	--
Acetamidofluorene	**8270C**	--	--	--	6.6 U	7.1 U
Acetophenone	**8270C**	--	--	--	0.23 U	0.24 U
alpha,alpha-Dimethylphenethylamine	**8270C**	--	--	--	19 U	20 U
alpha-Naphthylamine	**8270C**	--	--	--	2.9 U	3.1 U
alpha-Picoline	**8270C**	--	--	--	1.1 U	1.2 U
Aniline	**8270C**	--	--	--	1.9 U	2 U
Anthracene	**8270C**	--	--	--	0.4 U	0.43 U
Anthracene	**8270C SIM**	--	--	--	--	--
Aramite	**8270C**	--	--	--	8.7 U	9.3 U
Benzidine	**8270C**	--	--	--	--	--
Benzo(a)anthracene	**8270C**	--	--	--	0.33 U	0.36 U
Benzo(a)anthracene	**8270C SIM**	--	--	--	--	--
Benzo(a)pyrene	**8270C**	--	--	--	0.29 U	0.31 U
Benzo(a)pyrene	**8270C SIM**	--	--	--	--	--
Benzo(b)fluoranthene	**8270C**	--	--	--	0.5 U	0.54 U
Benzo(b)fluoranthene	**8270C SIM**	--	--	--	--	--
Benzo(ghi)perylene	**8270C**	--	--	--	0.47 U	0.51 U
Benzo(ghi)perylene	**8270C SIM**	--	--	--	--	--
Benzo(k)fluoranthene	**8270C**	--	--	--	0.44 U	0.47 U
Benzo(k)fluoranthene	**8270C SIM**	--	--	--	--	--
Benzoicacid	**8270C**	--	--	--	--	--
Benzylalcohol	**8270C**	--	--	--	0.51 J	0.23 U
beta-Naphthylamine	**8270C**	--	--	--	2.9 U	3.1 U
bis(2-Chloroethoxy)methane	**8270C**	--	--	--	0.92 U	0.98 U
bis(2-Chloroethyl)ether	**8270C**	--	--	--	0.39 U	0.42 U
bis(2-Chloroisopropyl)ether	**8270C**	--	--	--	0.26 U	0.28 U
bis(2-Ethylhexyl)phthalate	**8270C**	0.54 U	--	--	0.53 U	0.57 U
bis(2-Ethylhexyl)phthalate	**8270C SIM**	--	--	--	--	--
Butylbenzylphthalate	**8270C**	0.97 U	--	--	0.95 U	1 U
Butylbenzylphthalate	**8270C SIM**	--	--	--	--	--
Chrysene	**8270C**	--	--	--	0.51 U	0.55 U
Chrysene	**8270C SIM**	--	--	--	--	--
Dibenzo(a,h)anthracene	**8270C**	--	--	--	0.48 U	0.52 U
Dibenzo(a,h)anthracene	**8270C SIM**	--	--	--	--	--
Dibenzofuran	**8270C**	--	--	--	0.27 U	0.29 U

TABLE 13
SEMI-VOLATILE ORGANIC COMPOUNDS ANALYTICAL RESULTS, 2012
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		HAR-01	HAR-05	HAR-05	HAR-07	HAR-07
SampleType:		Primary	Primary	Primary	Primary	Field Duplicate
Sample Name:		HAR-01_080312_01	HAR-05_021012_01	HAR-05_072412_01	HAR-07_013112_01	HAR-07_013112_36
Groundwater Unit:		Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth
Lab Name:		TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
Collection Date:		8/3/2012	2/10/2012	7/24/2012	1/31/2012	1/31/2012
Analyte (µg/L)	**Method**					
Diethylphthalate	**8270C**	0.37 U	--	--	0.36 U	0.39 U
Diethylphthalate	**8270C SIM**	--	--	--	--	--
Dimethylphthalate	**8270C**	0.2 U	--	--	0.2 U	0.21 U
Dimethylphthalate	**8270C SIM**	--	--	--	--	--
Di-n-butylphthalate	**8270C**	1.1 U	--	--	1.1 U	1.2 U
Di-n-butylphthalate	**8270C SIM**	--	--	--	--	--
Di-n-octylphthalate	**8270C**	0.34 U	--	--	0.33 U	0.36 U
Di-n-octylphthalate	**8270C SIM**	--	--	--	--	--
Diphenylamine	**8270C**	--	--	--	1 U	1.1 U
Ethylmethanesulfonate	**8270C**	--	--	--	0.89 U	0.96 U
Famphur	**8270C**	--	--	--	--	--
Fluoranthene	**8270C**	--	--	--	0.19 U	0.2 U
Fluoranthene	**8270C SIM**	--	--	--	--	--
Fluorene	**8270C**	--	--	--	0.29 U	0.31 U
Fluorene	**8270C SIM**	--	--	--	--	--
Formaldehyde	**8315**	50 U	50 U	50 U	8.4 R	11 J
Formaldehyde	**8315A**	--	--	--	--	--
Hexachlorobenzene	**8270C**	--	--	--	0.62 U	0.67 U
Hexachlorobutadiene	**8270C**	--	--	--	3.1 U	3.3 U
Hexachlorocyclopentadiene	**8270C**	--	--	--	1.4 U	1.6 U
Hexachloroethane	**8270C**	--	--	--	2 U	2.1 U
Hexachlorophene	**8151A**	--	--	--	--	--
Hexachlorophene	**8321A**	--	--	--	0.49 U	0.49 U
Hexachloropropene	**8270C**	--	--	--	1.9 U	2 U
Indeno(1,2,3-cd)pyrene	**8270C**	--	--	--	0.62 U	0.66 U
Indeno(1,2,3-cd)pyrene	**8270C SIM**	--	--	--	--	--
Isodrin	**8270C**	--	--	--	1.7 U	1.8 U
Isophorone	**8270C**	--	--	--	0.2 U	0.21 U
Isosafrole	**8270C**	--	--	--	0.95 U	1 U
m+pCresol	**8270C**	--	--	--	--	--
m-Cresol	**8270C**	--	--	--	0.24 U	0.25 U
Methapyrilene	**8270C**	--	--	--	19 U	20 U
Methylmethanesulfonate	**8270C**	--	--	--	0.95 UJ	1 UJ
Naphthalene	**8270C**	--	--	--	0.27 U	0.29 U
Naphthalene	**8270C SIM**	--	--	--	--	--
Nitrobenzene	**8270C**	0.78 U	0.78 U	0.78 U	0.77 U	0.82 U
n-Nitrosodiethylamine	**8270C**	--	--	--	1.6 U	1.8 U
n-Nitrosodimethylamine	**1625M**	0.0084	0.005 U	0.005 U	0.016 J	0.015 J
n-Nitrosodimethylamine	**8270C**	--	--	--	0.27 U	0.29 U
n-Nitrosodimethylamine	**8270C SIM**	--	--	--	--	--
n-Nitrosodi-n-butylamine	**8270C**	--	--	--	1.2 U	1.2 U
n-Nitrosodi-n-propylamine	**8270C**	--	--	--	0.33 U	0.36 U
n-Nitrosodiphenylamine	**8270C**	--	--	--	0.42 U	0.45 U
n-Nitrosodiphenylamine as Diphenylamine	**8270C**	--	--	--	--	--
n-Nitrosomethylethylamine	**8270C**	--	--	--	1.7 U	1.8 U
n-Nitrosomorpholine	**8270C**	--	--	--	1.9 U	2 U
n-Nitrosopiperidine	**8270C**	--	--	--	1.9 U	2 U
n-Nitrosopyrrolidine	**8270C**	--	--	--	0.76 U	0.82 U
o,o,o-Triethylphosphorothioate	**8270C**	--	--	--	1.9 U	2 U
o-Cresol	**8270C**	--	--	--	0.93 U	0.99 U
o-Tolidine	**8270C**	--	--	--	3.8 U	4.1 U
o-Toluidine	**8270C**	--	--	--	1.3 U	1.4 U
p-Chloroaniline	**8270C**	--	--	--	2 U	2.2 U
p-Chloro-m-cresol	**8270C**	--	--	--	2.3 U	2.4 U
p-Cresol	**8270C**	--	--	--	0.24 U	0.25 U
p-Dimethylaminoazobenzene	**8270C**	--	--	--	1.9 U	2 U
Pentachlorobenzene	**8270C**	--	--	--	1.9 U	2 U
Pentachloroethane	**8270C**	--	--	--	1.9 U	2 U
Pentachloronitrobenzene	**8270C**	--	--	--	1.9 U	2 U
Pentachlorophenol	**8270C**	--	--	--	0.77 U	0.76 U
Phenacetin	**8270C**	--	--	--	1 U	1.1 U
Phenanthrene	**8270C**	--	--	--	0.25 U	0.26 U
Phenanthrene	**8270C SIM**	--	--	--	--	--
Phenol	**8270C**	--	--	--	1.9 U	2 U
p-Nitroaniline	**8270C**	--	--	--	1.9 U	2 U
p-Phenylenediamine	**8270C**	--	--	--	4.7 UJ	5.1 UJ
Pronamide	**8270C**	--	--	--	1.9 U	2 U
Pyrene	**8270C**	--	--	--	0.35 U	0.38 U
Pyrene	**8270C SIM**	--	--	--	--	--
Pyridine	**8270C**	--	--	--	1.6 U	1.7 U
Safrole	**8270C**	--	--	--	1.1 U	1.1 U
sym-Trinitrobenzene	**8270C**	--	--	--	3.8 U	4.1 U
Tetraethyldithiopyrophosphate	**8270C**	--	--	--	--	--

TABLE 13
SEMI-VOLATILE ORGANIC COMPOUNDS ANALYTICAL RESULTS, 2012
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

	Well Identifier:	HAR-07	HAR-07	HAR-07	HAR-08	HAR-08
	SampleType:	Primary	Field Duplicate	Split	Primary	Field Duplicate
	Sample Name:	HAR-07_072612_01	HAR-07_072612_36	HAR-07_072612_03	HAR-08_012712_01	HAR-08_012712_36
	Groundwater Unit:	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth
	Lab Name:	TA- Denver	TA- Denver	TA- Irvine	TA- Denver	TA- Denver
	Collection Date:	7/26/2012	7/26/2012	7/26/2012	1/27/2012	1/27/2012
Analyte (µg/L)	**Method**					
1,2,4,5-Tetrachlorobenzene	**8270C**	1.6 U	1.8 U	2.4 UJ	1.8 U	--
1,2,4-Trichlorobenzene	**8270C**	0.27 U	0.3 U	2.4 U	0.29 U	--
1,2-Dichlorobenzene	**8270C**	--	--	--	--	--
1,3-Dichlorobenzene	**8270C**	0.29 U	0.32 U	2.8 U	0.31 U	--
1,3-Dinitrobenzene	**8270C**	1.9 U	2.1 U	3.3 U	2.1 U	--
1,4-Dichlorobenzene	**8270C**	--	--	--	--	--
1,4-Naphthoquinone	**8270C**	13 U	15 U	3.8 U	14 U	--
1-Methylnaphthalene	**8270C SIM**	--	--	--	--	--
2,3,4,6-Tetrachlorophenol	**8270C**	1.9 U	2.1 U	4.3 UJ	2.1 U	--
2,4,5-Trichlorophenol	**8270C**	0.43 U	0.48 U	2.8 U	0.47 U	--
2,4,6-Trichlorophenol	**8270C**	0.28 U	0.31 U	4.3 U	0.3 U	--
2,4-Dichlorophenol	**8270C**	0.61 U	0.68 U	3.3 U	0.67 U	--
2,4-Dimethylphenol	**8270C**	0.55 U	0.61 U	3.3 U	0.6 U	--
2,4-Dinitrophenol	**8270C**	9.5 U	11 U	7.6 U	10 U	--
2,4-Dinitrotoluene	**8270C**	1.6 U	1.8 U	3.3 U	1.7 U	--
2,6-Dichlorophenol	**8270C**	1.3 U	1.4 U	5.7 U	1.4 U	--
2,6-Dinitrotoluene	**8270C**	1.8 U	2 U	1.9 U	2 U	--
2-Chloronaphthalene	**8270C**	0.25 U	0.27 U	2.8 U	0.27 U	--
2-Chlorophenol	**8270C**	1.9 U	2.1 U	2.8 U	2.1 U	--
2-Methylnaphthalene	**8270C**	0.28 U	0.31 U	1.9 U	0.3 U	--
2-Methylnaphthalene	**8270C SIM**	--	--	--	--	--
2-Nitroaniline	**8270C**	1.6 U	1.8 U	1.9 U	1.8 U	--
2-Nitrophenol	**8270C**	0.37 U	0.41 U	3.3 U	0.41 U	--
3,3'-Dichlorobenzidine	**8270C**	1.9 UJ	2.1 UJ	7.1 U	2.1 U	--
3-Methylcholanthrene	**8270C**	1.6 U	1.8 U	2.4 U	1.8 U	--
3-Nitroaniline	**8270C**	1.9 U	2.1 U	2.8 U	2.1 U	--
4,6-Dinitro-o-cresol	**8270C**	3.8 U	4.2 U	3.8 U	4.2 U	--
4-Aminobiphenyl	**8270C**	4.3 U	4.8 U	4.7 U	4.7 U	--
4-Bromophenylphenylether	**8270C**	0.41 U	0.45 U	2.8 U	0.45 U	--
4-Chlorophenylphenylether	**8270C**	1.6 U	1.8 U	2.4 U	1.7 U	--
4-Nitrophenol	**8270C**	1.2 U	1.3 U	5.2 U	1.3 U	--
4-Nitroquinoline-1-oxide	**8270C**	19 U	21 U	2.8 UJ	21 U	--
5-Nitro-o-toluidine	**8270C**	1.3 U	1.5 U	2.8 U	1.5 U	--
7,12-Dimethylbenz(a)anthracene	**8270C**	1.5 U	1.6 U	3.8 U	1.6 U	--
Acenaphthene	**8270C**	0.27 U	0.3 U	2.8 U	0.29 U	--
Acenaphthene	**8270C SIM**	--	--	--	--	--
Acenaphthylene	**8270C**	0.47 U	0.52 U	2.8 U	0.51 U	--
Acenaphthylene	**8270C SIM**	--	--	--	--	--
Acetamidofluorene	**8270C**	6.6 U	7.4 U	2.8 U	7.3 U	--
Acetophenone	**8270C**	0.23 U	0.25 U	3.8 U	0.25 U	--
alpha,alpha-Dimethylphenethylamine	**8270C**	19 U	21 U	38 U	21 U	--
alpha-Naphthylamine	**8270C**	2.9 U	3.3 U	5.2 U	3.2 U	--
alpha-Picoline	**8270C**	1.1 U	1.3 U	2.4 U	1.3 U	--
Aniline	**8270C**	1.9 U	2.1 U	3.3 U	2.1 U	--
Anthracene	**8270C**	0.4 U	0.44 U	2.4 U	0.44 U	--
Anthracene	**8270C SIM**	--	--	--	--	--
Aramite	**8270C**	8.7 U	9.7 U	4.3 U	9.6 U	--
Benzidine	**8270C**	--	--	--	--	--
Benzo(a)anthracene	**8270C**	0.33 U	0.37 U	2.4 U	0.37 U	--
Benzo(a)anthracene	**8270C SIM**	--	--	--	--	--
Benzo(a)pyrene	**8270C**	0.29 U	0.33 U	2.8 U	0.32 U	--
Benzo(a)pyrene	**8270C SIM**	--	--	--	--	--
Benzo(b)fluoranthene	**8270C**	0.5 U	0.56 U	1.9 U	0.55 U	--
Benzo(b)fluoranthene	**8270C SIM**	--	--	--	--	--
Benzo(ghi)perylene	**8270C**	0.48 U	0.53 U	3.8 U	0.52 U	--
Benzo(ghi)perylene	**8270C SIM**	--	--	--	--	--
Benzo(k)fluoranthene	**8270C**	0.44 U	0.49 U	2.4 U	0.48 U	--
Benzo(k)fluoranthene	**8270C SIM**	--	--	--	--	--
Benzoicacid	**8270C**	--	--	--	--	--
Benzylalcohol	**8270C**	0.22 U	11 U	3.3 U	0.24 U	--
beta-Naphthylamine	**8270C**	2.9 U	3.3 U	3.8 U	3.2 U	--
bis(2-Chloroethoxy)methane	**8270C**	0.92 U	1 U	2.8 U	1 U	--
bis(2-Chloroethyl)ether	**8270C**	0.39 U	0.43 U	2.8 U	0.43 U	--
bis(2-Chloroisopropyl)ether	**8270C**	0.27 U	0.3 U	2.4 U	0.29 U	--
bis(2-Ethylhexyl)phthalate	**8270C**	0.53 U	0.59 U	3.8 U	0.58 U	--
bis(2-Ethylhexyl)phthalate	**8270C SIM**	--	--	--	--	--
Butylbenzylphthalate	**8270C**	0.95 U	1.1 U	3.8 U	1 U	--
Butylbenzylphthalate	**8270C SIM**	--	--	--	--	--
Chrysene	**8270C**	0.51 U	0.57 U	2.4 U	0.56 U	--
Chrysene	**8270C SIM**	--	--	--	--	--
Dibenzo(a,h)anthracene	**8270C**	0.48 U	0.54 U	2.8 U	0.53 U	--
Dibenzo(a,h)anthracene	**8270C SIM**	--	--	--	--	--
Dibenzofuran	**8270C**	0.28 U	0.31 U	3.8 U	0.3 U	--

TABLE 13
SEMI-VOLATILE ORGANIC COMPOUNDS ANALYTICAL RESULTS, 2012
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

	Well Identifier:	HAR-07	HAR-07	HAR-07	HAR-08	HAR-08
	SampleType:	Primary	Field Duplicate	Split	Primary	Field Duplicate
	Sample Name:	HAR-07_072612_01	HAR-07_072612_36	HAR-07_072612_03	HAR-08_012712_01	HAR-08_012712_36
	Groundwater Unit:	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth
	Lab Name:	TA- Denver	TA- Denver	TA- Irvine	TA- Denver	TA- Denver
	Collection Date:	7/26/2012	7/26/2012	7/26/2012	1/27/2012	1/27/2012
Analyte (µg/L)	**Method**					
Diethylphthalate	**8270C**	0.36 U	0.52 J	3.3 U	0.4 U	--
Diethylphthalate	**8270C SIM**	--	--	--	--	--
Dimethylphthalate	**8270C**	0.2 U	0.22 U	2.4 U	0.22 U	--
Dimethylphthalate	**8270C SIM**	--	--	--	--	--
Di-n-butylphthalate	**8270C**	1.1 U	1.2 U	2.8 U	1.2 U	--
Di-n-butylphthalate	**8270C SIM**	--	--	--	--	--
Di-n-octylphthalate	**8270C**	0.33 U	0.37 U	3.3 U	0.37 U	--
Di-n-octylphthalate	**8270C SIM**	--	--	--	--	--
Diphenylamine	**8270C**	1 U	1.1 U	2.8 UJ	1.1 U	--
Ethylmethanesulfonate	**8270C**	0.9 U	1 U	3.8 U	0.98 U	--
Famphur	**8270C**	--	--	--	--	--
Fluoranthene	**8270C**	0.19 U	0.21 U	2.8 U	0.21 U	--
Fluoranthene	**8270C SIM**	--	--	--	--	--
Fluorene	**8270C**	0.29 U	0.33 U	2.8 U	0.32 U	--
Fluorene	**8270C SIM**	--	--	--	--	--
Formaldehyde	**8315**	50 U	--	--	15 J	--
Formaldehyde	**8315A**	--	--	--	--	--
Hexachlorobenzene	**8270C**	0.63 U	0.7 U	2.8 U	0.69 U	--
Hexachlorobutadiene	**8270C**	3.1 U	3.5 U	3.8 U	3.4 U	--
Hexachlorocyclopentadiene	**8270C**	9.5 U	11 U	4.7 UJ	1.6 U	--
Hexachloroethane	**8270C**	2 U	2.2 U	3.3 U	2.2 U	--
Hexachlorophene	**8151A**	--	--	--	--	--
Hexachlorophene	**8321A**	--	--	--	0.49 U	--
Hexachloropropene	**8270C**	1.9 U	2.1 U	9.5 U	2.1 U	--
Indeno(1,2,3-cd)pyrene	**8270C**	0.62 U	0.69 U	3.3 U	0.68 U	--
Indeno(1,2,3-cd)pyrene	**8270C SIM**	--	--	--	--	--
Isodrin	**8270C**	1.7 U	1.9 U	3.3 U	1.8 U	--
Isophorone	**8270C**	0.2 U	0.22 U	2.8 U	0.22 U	--
Isosafrole	**8270C**	0.95 U	1.1 U	5.7 UJ	1 U	--
m+pCresol	**8270C**	--	--	2.8 U	--	--
m-Cresol	**8270C**	0.24 U	0.26 U	--	0.26 U	--
Methapyrilene	**8270C**	19 U	21 U	3.8 UJ	21 U	--
Methylmethanesulfonate	**8270C**	0.95 U	1.1 U	4.7 U	1 U	--
Naphthalene	**8270C**	0.28 U	0.31 U	2.8 U	0.3 U	--
Naphthalene	**8270C SIM**	--	--	--	--	--
Nitrobenzene	**8270C**	0.77 U	0.86 U	2.8 U	0.84 U	--
n-Nitrosodiethylamine	**8270C**	1.6 U	1.8 U	2.8 U	1.8 U	--
n-Nitrosodimethylamine	**1625M**	0.011	--	--	0.011	0.011
n-Nitrosodimethylamine	**8270C**	0.28 U	0.31 U	2.4 U	0.3 U	--
n-Nitrosodimethylamine	**8270C SIM**	--	--	--	--	--
n-Nitrosodi-n-butylamine	**8270C**	1.2 U	1.3 U	4.3 U	1.3 U	--
n-Nitrosodi-n-propylamine	**8270C**	0.33 U	0.37 U	3.3 U	0.37 U	--
n-Nitrosodiphenylamine	**8270C**	0.42 U	0.46 U	--	0.46 U	--
n-Nitrosodiphenylamine as Diphenylamine	**8270C**	--	--	1.9 U	--	--
n-Nitrosomethylethylamine	**8270C**	1.7 U	1.9 U	2.4 U	1.8 U	--
n-Nitrosomorpholine	**8270C**	1.9 U	2.1 U	3.8 U	2.1 U	--
n-Nitrosopiperidine	**8270C**	1.9 U	2.1 U	3.8 U	2.1 U	--
n-Nitrosopyrrolidine	**8270C**	0.76 U	0.85 U	3.8 U	0.84 U	--
o,o,o-Triethylphosphorothioate	**8270C**	1.9 U	2.1 U	4.3 UJ	2.1 U	--
o-Cresol	**8270C**	0.93 U	1 U	2.8 U	1 U	--
o-Tolidine	**8270C**	3.8 U	4.2 U	6.6 U	4.2 U	--
o-Toluidine	**8270C**	1.3 U	1.5 U	2.4 U	1.5 U	--
p-Chloroaniline	**8270C**	2 U	2.3 U	1.9 U	2.2 U	--
p-Chloro-m-cresol	**8270C**	2.3 U	2.5 U	2.4 U	2.5 U	--
p-Cresol	**8270C**	0.24 U	0.26 U	--	0.26 U	--
p-Dimethylaminoazobenzene	**8270C**	1.9 U	2.1 U	3.8 U	2.1 U	--
Pentachlorobenzene	**8270C**	1.9 U	2.1 U	2.8 U	2.1 U	--
Pentachloroethane	**8270C**	1.9 U	2.1 U	1.9 U	2.1 U	--
Pentachloronitrobenzene	**8270C**	1.9 U	2.1 U	2.4 U	2.1 U	--
Pentachlorophenol	**8270C**	--	--	--	0.82 U	--
Phenacetin	**8270C**	1 U	1.1 U	3.3 U	1.1 U	--
Phenanthrene	**8270C**	0.25 U	0.27 U	3.3 U	0.27 U	--
Phenanthrene	**8270C SIM**	--	--	--	--	--
Phenol	**8270C**	1.9 U	2.1 U	1.9 U	2.1 U	--
p-Nitroaniline	**8270C**	1.9 U	2.1 U	3.8 U	2.1 U	--
p-Phenylenediamine	**8270C**	4.8 U	5.3 U	24 UJ	5.2 U	--
Pronamide	**8270C**	1.9 U	2.1 U	4.7 U	2.1 U	--
Pyrene	**8270C**	0.35 U	0.39 U	3.8 U	0.39 U	--
Pyrene	**8270C SIM**	--	--	--	--	--
Pyridine	**8270C**	1.6 U	1.8 U	2.4 U	1.8 U	--
Safrole	**8270C**	1.1 U	1.2 U	3.8 U	1.2 U	--
sym-Trinitrobenzene	**8270C**	3.8 U	4.2 U	2.4 UJ	4.2 U	--
Tetraethyldithiopyrophosphate	**8270C**	--	--	--	--	--

TABLE 13
SEMI-VOLATILE ORGANIC COMPOUNDS ANALYTICAL RESULTS, 2012
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

	Well Identifier:	HAR-08	HAR-09	HAR-09	HAR-09	HAR-09
	SampleType:	Primary	Primary	Field Duplicate	Split	Primary
	Sample Name:	HAR-08_072712_01	HAR-09_012512_01	HAR-09_012512_36	HAR-09_012512_03	HAR-09_071612_01
	Groundwater Unit:	Chatsworth	Shallow	Shallow	Shallow	Shallow
	Lab Name:	TA- Denver	TA- Denver	TA- Denver	TA- Irvine	TA- Denver
	Collection Date:	7/27/2012	1/25/2012	1/25/2012	1/25/2012	7/16/2012
Analyte (µg/L)	**Method**					
1,2,4,5-Tetrachlorobenzene	**8270C**	--	1.7 U	--	2.4 U	--
1,2,4-Trichlorobenzene	**8270C**	--	0.28 U	--	2.4 U	--
1,2-Dichlorobenzene	**8270C**	--	--	--	--	--
1,3-Dichlorobenzene	**8270C**	--	0.3 U	--	2.9 U	--
1,3-Dinitrobenzene	**8270C**	1.9 U	2 U	--	3.3 U	2 U
1,4-Dichlorobenzene	**8270C**	--	--	--	--	--
1,4-Naphthoquinone	**8270C**	--	14 U	--	3.8 U	--
1-Methylnaphthalene	**8270C SIM**	--	--	--	--	--
2,3,4,6-Tetrachlorophenol	**8270C**	--	2 U	--	4.3 U	--
2,4,5-Trichlorophenol	**8270C**	--	0.44 U	--	2.9 U	--
2,4,6-Trichlorophenol	**8270C**	--	0.29 U	--	4.3 U	--
2,4-Dichlorophenol	**8270C**	--	0.63 U	--	3.3 U	--
2,4-Dimethylphenol	**8270C**	--	0.57 U	--	3.3 U	--
2,4-Dinitrophenol	**8270C**	--	9.9 U	--	7.6 U	--
2,4-Dinitrotoluene	**8270C**	--	1.6 U	--	3.3 U	--
2,6-Dichlorophenol	**8270C**	--	1.3 U	--	5.7 U	--
2,6-Dinitrotoluene	**8270C**	--	1.9 U	--	1.9 U	--
2-Chloronaphthalene	**8270C**	--	0.26 U	--	2.9 U	--
2-Chlorophenol	**8270C**	--	2 U	--	2.9 U	--
2-Methylnaphthalene	**8270C**	--	0.29 U	--	1.9 U	--
2-Methylnaphthalene	**8270C SIM**	--	--	--	--	--
2-Nitroaniline	**8270C**	--	1.7 U	--	1.9 U	--
2-Nitrophenol	**8270C**	--	0.38 U	--	3.3 U	--
3,3'-Dichlorobenzidine	**8270C**	--	2 U	--	7.1 U	--
3-Methylcholanthrene	**8270C**	--	1.7 U	--	2.4 U	--
3-Nitroaniline	**8270C**	--	2 U	--	2.9 U	--
4,6-Dinitro-o-cresol	**8270C**	--	3.9 U	--	3.8 U	--
4-Aminobiphenyl	**8270C**	--	4.4 U	--	4.8 U	--
4-Bromophenylphenylether	**8270C**	--	0.42 U	--	2.9 U	--
4-Chlorophenylphenylether	**8270C**	--	1.6 U	--	2.4 U	--
4-Nitrophenol	**8270C**	--	1.2 U	--	5.2 U	--
4-Nitroquinoline-1-oxide	**8270C**	--	20 U	--	2.9 U	--
5-Nitro-o-toluidine	**8270C**	--	1.4 U	--	2.9 U	--
7,12-Dimethylbenz(a)anthracene	**8270C**	--	1.5 U	--	3.8 U	--
Acenaphthene	**8270C**	--	0.28 U	--	2.9 U	--
Acenaphthene	**8270C SIM**	--	--	--	--	--
Acenaphthylene	**8270C**	--	0.48 U	--	2.9 U	--
Acenaphthylene	**8270C SIM**	--	--	--	--	--
Acetamidofluorene	**8270C**	--	6.9 U	--	2.9 U	--
Acetophenone	**8270C**	--	0.24 U	--	3.8 U	--
alpha,alpha-Dimethylphenethylamine	**8270C**	--	20 U	--	38 U	--
alpha-Naphthylamine	**8270C**	--	3.1 U	--	5.2 U	--
alpha-Picoline	**8270C**	--	1.2 U	--	2.4 U	--
Aniline	**8270C**	--	2 U	--	3.3 U	--
Anthracene	**8270C**	--	0.41 U	--	2.4 U	--
Anthracene	**8270C SIM**	--	--	--	--	--
Aramite	**8270C**	--	9.1 U	--	4.3 U	--
Benzidine	**8270C**	--	--	--	--	--
Benzo(a)anthracene	**8270C**	--	0.35 U	--	2.4 U	--
Benzo(a)anthracene	**8270C SIM**	--	--	--	--	--
Benzo(a)pyrene	**8270C**	--	0.31 U	--	2.9 U	--
Benzo(a)pyrene	**8270C SIM**	--	--	--	--	--
Benzo(b)fluoranthene	**8270C**	--	0.52 U	--	1.9 U	--
Benzo(b)fluoranthene	**8270C SIM**	--	--	--	--	--
Benzo(ghi)perylene	**8270C**	--	0.49 U	--	3.8 U	--
Benzo(ghi)perylene	**8270C SIM**	--	--	--	--	--
Benzo(k)fluoranthene	**8270C**	--	0.45 U	--	2.4 U	--
Benzo(k)fluoranthene	**8270C SIM**	--	--	--	--	--
Benzoicacid	**8270C**	--	--	--	--	--
Benzylalcohol	**8270C**	--	0.23 U	--	3.3 U	--
beta-Naphthylamine	**8270C**	--	3 U	--	3.8 U	--
bis(2-Chloroethoxy)methane	**8270C**	--	0.96 U	--	2.9 U	--
bis(2-Chloroethyl)ether	**8270C**	--	0.4 U	--	2.9 U	--
bis(2-Chloroisopropyl)ether	**8270C**	--	0.28 U	--	2.4 U	--
bis(2-Ethylhexyl)phthalate	**8270C**	--	9.9 U	--	3.8 U	0.56 U
bis(2-Ethylhexyl)phthalate	**8270C SIM**	--	--	--	--	--
Butylbenzylphthalate	**8270C**	--	0.99 U	--	3.8 U	1 U
Butylbenzylphthalate	**8270C SIM**	--	--	--	--	--
Chrysene	**8270C**	--	0.53 U	--	2.4 U	--
Chrysene	**8270C SIM**	--	--	--	--	--
Dibenzo(a,h)anthracene	**8270C**	--	0.5 U	--	2.9 U	--
Dibenzo(a,h)anthracene	**8270C SIM**	--	--	--	--	--
Dibenzofuran	**8270C**	--	0.29 U	--	3.8 U	--

TABLE 13
SEMI-VOLATILE ORGANIC COMPOUNDS ANALYTICAL RESULTS, 2012
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		HAR-08	HAR-09	HAR-09	HAR-09	HAR-09
SampleType:		Primary	Primary	Field Duplicate	Split	Primary
Sample Name:		HAR-08_072712_01	HAR-09_012512_01	HAR-09_012512_36	HAR-09_012512_03	HAR-09_071612_01
Groundwater Unit:		Chatsworth	Shallow	Shallow	Shallow	Shallow
Lab Name:		TA- Denver	TA- Denver	TA- Denver	TA- Irvine	TA- Denver
Collection Date:		7/27/2012	1/25/2012	1/25/2012	1/25/2012	7/16/2012
Analyte (µg/L)	**Method**					
Diethylphthalate	**8270C**	--	0.37 U	--	3.3 U	0.38 U
Diethylphthalate	**8270C SIM**	--	--	--	--	--
Dimethylphthalate	**8270C**	--	0.21 U	--	2.4 U	0.21 U
Dimethylphthalate	**8270C SIM**	--	--	--	--	--
Di-n-butylphthalate	**8270C**	--	1.1 U	--	2.9 U	1.2 U
Di-n-butylphthalate	**8270C SIM**	--	--	--	--	--
Di-n-octylphthalate	**8270C**	--	0.35 U	--	3.3 U	0.35 U
Di-n-octylphthalate	**8270C SIM**	--	--	--	--	--
Diphenylamine	**8270C**	--	1 U	--	2.9 U	--
Ethylmethanesulfonate	**8270C**	--	0.93 U	--	3.8 U	--
Famphur	**8270C**	--	--	--	33 U	--
Fluoranthene	**8270C**	--	0.2 U	--	2.9 U	--
Fluoranthene	**8270C SIM**	--	--	--	--	--
Fluorene	**8270C**	--	0.31 U	--	2.9 U	--
Fluorene	**8270C SIM**	--	--	--	--	--
Formaldehyde	**8315**	50 U	50 U	--	--	14 J
Formaldehyde	**8315A**	--	--	--	14 J	--
Hexachlorobenzene	**8270C**	--	0.65 U	--	2.9 U	--
Hexachlorobutadiene	**8270C**	--	3.3 U	--	3.8 U	--
Hexachlorocyclopentadiene	**8270C**	--	1.5 U	--	4.8 U	--
Hexachloroethane	**8270C**	--	2.1 U	--	3.3 U	--
Hexachlorophene	**8151A**	--	--	--	0.14 U	--
Hexachlorophene	**8321A**	--	0.49 U	--	--	--
Hexachloropropene	**8270C**	--	2 U	--	9.5 U	--
Indeno(1,2,3-cd)pyrene	**8270C**	--	0.64 U	--	3.3 U	--
Indeno(1,2,3-cd)pyrene	**8270C SIM**	--	--	--	--	--
Isodrin	**8270C**	--	1.7 U	--	3.3 U	--
Isophorone	**8270C**	--	0.21 U	--	2.9 U	--
Isosafrole	**8270C**	--	0.99 U	--	5.7 U	--
m+pCresol	**8270C**	--	--	--	5.7 U	--
m-Cresol	**8270C**	--	0.25 U	--	--	--
Methapyrilene	**8270C**	--	20 U	--	3.8 U	--
Methylmethanesulfonate	**8270C**	--	0.99 U	--	4.8 U	--
Naphthalene	**8270C**	--	0.29 U	--	2.9 U	--
Naphthalene	**8270C SIM**	--	--	--	--	--
Nitrobenzene	**8270C**	0.77 U	0.8 U	--	2.9 U	0.82 U
n-Nitrosodiethylamine	**8270C**	--	1.7 U	--	2.9 U	--
n-Nitrosodimethylamine	**1625M**	0.015	0.007	0.0087	0.0086	0.012
n-Nitrosodimethylamine	**8270C**	--	0.29 U	--	2.4 U	--
n-Nitrosodimethylamine	**8270C SIM**	--	--	--	--	--
n-Nitrosodi-n-butylamine	**8270C**	--	1.2 U	--	4.3 U	--
n-Nitrosodi-n-propylamine	**8270C**	--	0.35 U	--	3.3 U	--
n-Nitrosodiphenylamine	**8270C**	--	0.43 U	--	1.9 U	--
n-Nitrosodiphenylamine as Diphenylamine	**8270C**	--	--	--	--	--
n-Nitrosomethylethylamine	**8270C**	--	1.7 U	--	2.4 U	--
n-Nitrosomorpholine	**8270C**	--	2 U	--	3.8 U	--
n-Nitrosopiperidine	**8270C**	--	2 U	--	3.8 U	--
n-Nitrosopyrrolidine	**8270C**	--	0.79 U	--	3.8 U	--
o,o,o-Triethylphosphorothioate	**8270C**	--	2 U	--	4.3 U	--
o-Cresol	**8270C**	--	0.97 U	--	2.9 U	--
o-Tolidine	**8270C**	--	3.9 U	--	6.7 U	--
o-Toluidine	**8270C**	--	1.4 U	--	2.4 U	--
p-Chloroaniline	**8270C**	--	2.1 U	--	1.9 U	--
p-Chloro-m-cresol	**8270C**	--	2.4 U	--	2.4 U	--
p-Cresol	**8270C**	--	0.25 U	--	2.9 U	--
p-Dimethylaminoazobenzene	**8270C**	--	2 U	--	3.8 U	--
Pentachlorobenzene	**8270C**	--	2 U	--	2.9 U	--
Pentachloroethane	**8270C**	--	2 U	--	1.9 U	--
Pentachloronitrobenzene	**8270C**	--	2 U	--	2.4 U	--
Pentachlorophenol	**8270C**	--	0.76 U	--	3.3 U	--
Phenacetin	**8270C**	--	1.1 U	--	3.3 U	--
Phenanthrene	**8270C**	--	0.26 U	--	3.3 U	--
Phenanthrene	**8270C SIM**	--	--	--	--	--
Phenol	**8270C**	--	2 U	--	1.9 U	--
p-Nitroaniline	**8270C**	--	2 U	--	3.8 U	--
p-Phenylenediamine	**8270C**	--	4.9 U	--	24 U	--
Pronamide	**8270C**	--	2 U	--	4.8 U	--
Pyrene	**8270C**	--	0.36 U	--	3.8 U	--
Pyrene	**8270C SIM**	--	--	--	--	--
Pyridine	**8270C**	--	1.7 U	--	2.4 U	--
Safrole	**8270C**	--	1.1 U	--	3.8 U	--
sym-Trinitrobenzene	**8270C**	--	3.9 U	--	2.4 U	--
Tetraethyldithiopyrophosphate	**8270C**	--	--	--	2.9 U	--

TABLE 13
SEMI-VOLATILE ORGANIC COMPOUNDS ANALYTICAL RESULTS, 2012
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

	Well Identifier:	HAR-11	HAR-11	HAR-12	HAR-12	HAR-12
	SampleType:	Primary	Primary	Primary	Field Duplicate	Primary
	Sample Name:	HAR-11_020712_01	HAR-11_072612_01	HAR-12_020912_01	HAR-12_020912_36	HAR-12_071612_01
	Groundwater Unit:	Shallow	Shallow	Shallow	Shallow	Shallow
	Lab Name:	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
	Collection Date:	2/7/2012	7/26/2012	2/9/2012	2/9/2012	7/16/2012
Analyte (µg/L)	**Method**					
1,2,4,5-Tetrachlorobenzene	**8270C**	1.6 U	--	1.7 U	--	--
1,2,4-Trichlorobenzene	**8270C**	0.27 U	--	0.27 U	--	--
1,2-Dichlorobenzene	**8270C**	--	--	--	--	--
1,3-Dichlorobenzene	**8270C**	0.28 U	--	0.29 U	--	--
1,3-Dinitrobenzene	**8270C**	1.9 U	1.9 U	2 U	--	1.9 U
1,4-Dichlorobenzene	**8270C**	--	--	--	--	--
1,4-Naphthoquinone	**8270C**	13 U	--	13 U	--	--
1-Methylnaphthalene	**8270C SIM**	--	--	--	--	--
2,3,4,6-Tetrachlorophenol	**8270C**	1.9 U	--	2 U	--	--
2,4,5-Trichlorophenol	**8270C**	0.43 U	--	0.44 U	--	--
2,4,6-Trichlorophenol	**8270C**	0.27 U	--	0.28 U	--	--
2,4-Dichlorophenol	**8270C**	0.61 U	--	0.63 U	--	--
2,4-Dimethylphenol	**8270C**	0.55 U	--	0.57 U	--	--
2,4-Dinitrophenol	**8270C**	9.5 U	--	9.8 U	--	--
2,4-Dinitrotoluene	**8270C**	1.6 U	--	1.6 U	--	--
2,6-Dichlorophenol	**8270C**	1.3 U	--	1.3 U	--	--
2,6-Dinitrotoluene	**8270C**	1.8 U	--	1.8 U	--	--
2-Chloronaphthalene	**8270C**	0.25 U	--	0.25 U	--	--
2-Chlorophenol	**8270C**	1.9 U	--	2 U	--	--
2-Methylnaphthalene	**8270C**	0.27 U	--	0.28 U	--	--
2-Methylnaphthalene	**8270C SIM**	--	--	--	--	--
2-Nitroaniline	**8270C**	1.6 U	--	1.7 U	--	--
2-Nitrophenol	**8270C**	0.37 U	--	0.38 U	--	--
3,3'-Dichlorobenzidine	**8270C**	1.9 U	--	2 U	--	--
3-Methylcholanthrene	**8270C**	1.6 U	--	1.7 U	--	--
3-Nitroaniline	**8270C**	1.9 U	--	2 U	--	--
4,6-Dinitro-o-cresol	**8270C**	3.8 U	--	3.9 U	--	--
4-Aminobiphenyl	**8270C**	4.3 U	--	4.4 U	--	--
4-Bromophenylphenylether	**8270C**	0.41 U	--	0.42 U	--	--
4-Chlorophenylphenylether	**8270C**	1.6 U	--	1.6 U	--	--
4-Nitrophenol	**8270C**	1.2 U	--	1.2 U	--	--
4-Nitroquinoline-1-oxide	**8270C**	19 U	--	20 U	--	--
5-Nitro-o-toluidine	**8270C**	1.3 U	--	1.4 U	--	--
7,12-Dimethylbenz(a)anthracene	**8270C**	1.5 U	--	1.5 U	--	--
Acenaphthene	**8270C**	0.27 U	--	0.27 U	--	--
Acenaphthene	**8270C SIM**	--	--	--	--	--
Acenaphthylene	**8270C**	0.46 U	--	0.48 U	--	--
Acenaphthylene	**8270C SIM**	--	--	--	--	--
Acetamidofluorene	**8270C**	6.6 U	--	6.8 U	--	--
Acetophenone	**8270C**	0.23 U	--	0.23 U	--	--
alpha,alpha-Dimethylphenethylamine	**8270C**	19 U	--	20 U	--	--
alpha-Naphthylamine	**8270C**	2.9 U	--	3 U	--	--
alpha-Picoline	**8270C**	1.1 U	--	1.2 U	--	--
Aniline	**8270C**	1.9 U	--	2 U	--	--
Anthracene	**8270C**	0.4 U	--	0.41 U	--	--
Anthracene	**8270C SIM**	--	--	--	--	--
Aramite	**8270C**	8.7 U	--	9 U	--	--
Benzidine	**8270C**	--	--	--	--	--
Benzo(a)anthracene	**8270C**	0.33 U	--	0.34 U	--	--
Benzo(a)anthracene	**8270C SIM**	--	--	--	--	--
Benzo(a)pyrene	**8270C**	0.29 U	--	0.3 U	--	--
Benzo(a)pyrene	**8270C SIM**	--	--	--	--	--
Benzo(b)fluoranthene	**8270C**	0.5 U	--	0.52 U	--	--
Benzo(b)fluoranthene	**8270C SIM**	--	--	--	--	--
Benzo(ghi)perylene	**8270C**	0.47 U	--	0.49 U	--	--
Benzo(ghi)perylene	**8270C SIM**	--	--	--	--	--
Benzo(k)fluoranthene	**8270C**	0.44 U	--	0.45 U	--	--
Benzo(k)fluoranthene	**8270C SIM**	--	--	--	--	--
Benzoicacid	**8270C**	--	--	--	--	--
Benzylalcohol	**8270C**	0.22 U	--	0.22 U	--	--
beta-Naphthylamine	**8270C**	2.9 U	--	3 U	--	--
bis(2-Chloroethoxy)methane	**8270C**	0.92 U	--	0.95 U	--	--
bis(2-Chloroethyl)ether	**8270C**	0.39 U	--	0.4 U	--	--
bis(2-Chloroisopropyl)ether	**8270C**	0.27 U	--	0.27 U	--	--
bis(2-Ethylhexyl)phthalate	**8270C**	0.53 U	0.53 U	0.55 U	--	--
bis(2-Ethylhexyl)phthalate	**8270C SIM**	--	--	--	--	--
Butylbenzylphthalate	**8270C**	0.95 U	0.95 U	0.98 U	--	--
Butylbenzylphthalate	**8270C SIM**	--	--	--	--	--
Chrysene	**8270C**	0.51 U	--	0.53 U	--	--
Chrysene	**8270C SIM**	--	--	--	--	--
Dibenzo(a,h)anthracene	**8270C**	0.48 U	--	0.5 U	--	--
Dibenzo(a,h)anthracene	**8270C SIM**	--	--	--	--	--
Dibenzofuran	**8270C**	0.27 U	--	0.28 U	--	--

TABLE 13
SEMI-VOLATILE ORGANIC COMPOUNDS ANALYTICAL RESULTS, 2012
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

	Well Identifier:	HAR-11	HAR-11	HAR-12	HAR-12	HAR-12
	SampleType:	Primary	Primary	Primary	Field Duplicate	Primary
	Sample Name:	HAR-11_020712_01	HAR-11_072612_01	HAR-12_020912_01	HAR-12_020912_36	HAR-12_071612_01
	Groundwater Unit:	Shallow	Shallow	Shallow	Shallow	Shallow
	Lab Name:	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
	Collection Date:	2/7/2012	7/26/2012	2/9/2012	2/9/2012	7/16/2012
Analyte (µg/L)	**Method**					
Diethylphthalate	**8270C**	0.36 U	0.36 U	0.37 U	--	--
Diethylphthalate	**8270C SIM**	--	--	--	--	--
Dimethylphthalate	**8270C**	0.2 U	0.2 U	0.21 U	--	--
Dimethylphthalate	**8270C SIM**	--	--	--	--	--
Di-n-butylphthalate	**8270C**	1.1 U	1.1 U	1.1 U	--	--
Di-n-butylphthalate	**8270C SIM**	--	--	--	--	--
Di-n-octylphthalate	**8270C**	0.33 U	0.33 U	0.34 U	--	--
Di-n-octylphthalate	**8270C SIM**	--	--	--	--	--
Diphenylamine	**8270C**	1 U	--	1 U	--	--
Ethylmethanesulfonate	**8270C**	0.89 U	--	0.92 U	--	--
Famphur	**8270C**	--	--	--	--	--
Fluoranthene	**8270C**	0.19 U	--	0.2 U	--	--
Fluoranthene	**8270C SIM**	--	--	--	--	--
Fluorene	**8270C**	0.29 U	--	0.3 U	--	--
Fluorene	**8270C SIM**	--	--	--	--	--
Formaldehyde	**8315**	50 U	50 U	14 J	--	8.4 U
Formaldehyde	**8315A**	--	--	--	--	--
Hexachlorobenzene	**8270C**	0.63 U	--	0.65 U	--	--
Hexachlorobutadiene	**8270C**	3.1 U	--	3.2 U	--	--
Hexachlorocyclopentadiene	**8270C**	1.4 U	--	1.5 U	--	--
Hexachloroethane	**8270C**	2 U	--	2.1 U	--	--
Hexachlorophene	**8151A**	--	--	--	--	--
Hexachlorophene	**8321A**	0.49 U	--	0.49 U	--	--
Hexachloropropene	**8270C**	1.9 U	--	2 U	--	--
Indeno(1,2,3-cd)pyrene	**8270C**	0.62 U	--	0.64 U	--	--
Indeno(1,2,3-cd)pyrene	**8270C SIM**	--	--	--	--	--
Isodrin	**8270C**	1.7 U	--	1.7 U	--	--
Isophorone	**8270C**	0.2 U	--	0.21 U	--	--
Isosafrole	**8270C**	0.95 U	--	0.98 U	--	--
m+pCresol	**8270C**	--	--	--	--	--
m-Cresol	**8270C**	0.24 U	--	0.24 U	--	--
Methapyrilene	**8270C**	19 U	--	20 U	--	--
Methylmethanesulfonate	**8270C**	0.95 U	--	0.98 U	--	--
Naphthalene	**8270C**	0.27 U	--	0.28 U	--	--
Naphthalene	**8270C SIM**	--	--	--	--	--
Nitrobenzene	**8270C**	0.77 U	0.77 U	0.79 U	--	0.76 U
n-Nitrosodiethylamine	**8270C**	1.6 U	--	1.7 U	--	--
n-Nitrosodimethylamine	**1625M**	0.005 U	0.005 U	0.017	0.017	0.017
n-Nitrosodimethylamine	**8270C**	0.27 U	--	0.28 U	--	--
n-Nitrosodimethylamine	**8270C SIM**	--	--	--	--	--
n-Nitrosodi-n-butylamine	**8270C**	1.2 U	--	1.2 U	--	--
n-Nitrosodi-n-propylamine	**8270C**	0.33 U	--	0.34 U	--	--
n-Nitrosodiphenylamine	**8270C**	0.42 U	--	0.43 U	--	--
n-Nitrosodiphenylamine as Diphenylamine	**8270C**	--	--	--	--	--
n-Nitrosomethylethylamine	**8270C**	1.7 U	--	1.7 U	--	--
n-Nitrosomorpholine	**8270C**	1.9 U	--	2 U	--	--
n-Nitrosopiperidine	**8270C**	1.9 U	--	2 U	--	--
n-Nitrosopyrrolidine	**8270C**	0.76 U	--	0.79 U	--	--
o,o,o-Triethylphosphorothioate	**8270C**	1.9 U	--	2 U	--	--
o-Cresol	**8270C**	0.93 U	--	0.96 U	--	--
o-Tolidine	**8270C**	3.8 U	--	3.9 U	--	--
o-Toluidine	**8270C**	1.3 U	--	1.4 U	--	--
p-Chloroaniline	**8270C**	2 U	--	2.1 U	--	--
p-Chloro-m-cresol	**8270C**	2.3 U	--	2.4 U	--	--
p-Cresol	**8270C**	0.24 U	--	0.24 U	--	--
p-Dimethylaminoazobenzene	**8270C**	1.9 U	--	2 U	--	--
Pentachlorobenzene	**8270C**	1.9 U	--	2 U	--	--
Pentachloroethane	**8270C**	1.9 U	--	2 U	--	--
Pentachloronitrobenzene	**8270C**	1.9 U	--	2 U	--	--
Pentachlorophenol	**8270C**	0.79 U	--	0.78 U	--	--
Phenacetin	**8270C**	1 U	--	1.1 U	--	--
Phenanthrene	**8270C**	0.25 U	--	0.25 U	--	--
Phenanthrene	**8270C SIM**	--	--	--	--	--
Phenol	**8270C**	1.9 U	--	2 U	--	--
p-Nitroaniline	**8270C**	1.9 U	--	2 U	--	--
p-Phenylenediamine	**8270C**	4.7 U	--	4.9 U	--	--
Pronamide	**8270C**	1.9 U	--	2 U	--	--
Pyrene	**8270C**	0.35 U	--	0.36 U	--	--
Pyrene	**8270C SIM**	--	--	--	--	--
Pyridine	**8270C**	1.6 U	--	1.7 U	--	--
Safrole	**8270C**	1.1 U	--	1.1 U	--	--
sym-Trinitrobenzene	**8270C**	3.8 U	--	3.9 U	--	--
Tetraethyldithiopyrophosphate	**8270C**	--	--	--	--	--

TABLE 13
SEMI-VOLATILE ORGANIC COMPOUNDS ANALYTICAL RESULTS, 2012
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

	Well Identifier:	HAR-13	HAR-13	HAR-14	HAR-14	HAR-14
	SampleType:	Primary	Primary	Primary	Field Duplicate	Primary
	Sample Name:	HAR-13_020912_01	HAR-13_071612_01	HAR-14_020912_01	HAR-14_020912_36	HAR-14_071612_01
	Groundwater Unit:	Shallow	Shallow	Shallow	Shallow	Shallow
	Lab Name:	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
	Collection Date:	2/9/2012	7/16/2012	2/9/2012	2/9/2012	7/16/2012
Analyte (µg/L)	**Method**					
1,2,4,5-Tetrachlorobenzene	**8270C**	--	--	1.7 U	--	--
1,2,4-Trichlorobenzene	**8270C**	--	--	0.28 U	--	--
1,2-Dichlorobenzene	**8270C**	--	--	--	--	--
1,3-Dichlorobenzene	**8270C**	--	--	0.3 U	--	--
1,3-Dinitrobenzene	**8270C**	1.9 U	--	2 U	--	1.9 U
1,4-Dichlorobenzene	**8270C**	--	--	--	--	--
1,4-Naphthoquinone	**8270C**	--	--	14 U	--	--
1-Methylnaphthalene	**8270C SIM**	--	--	--	--	--
2,3,4,6-Tetrachlorophenol	**8270C**	--	--	2 U	--	--
2,4,5-Trichlorophenol	**8270C**	--	--	0.45 U	--	--
2,4,6-Trichlorophenol	**8270C**	--	--	0.29 U	--	--
2,4-Dichlorophenol	**8270C**	--	--	0.64 U	--	--
2,4-Dimethylphenol	**8270C**	--	--	0.58 U	--	--
2,4-Dinitrophenol	**8270C**	--	--	10 U	--	--
2,4-Dinitrotoluene	**8270C**	--	--	1.7 U	--	--
2,6-Dichlorophenol	**8270C**	--	--	1.4 U	--	--
2,6-Dinitrotoluene	**8270C**	--	--	1.9 U	--	--
2-Chloronaphthalene	**8270C**	--	--	0.26 U	--	--
2-Chlorophenol	**8270C**	--	--	2 U	--	--
2-Methylnaphthalene	**8270C**	--	--	0.29 U	--	--
2-Methylnaphthalene	**8270C SIM**	--	--	--	--	--
2-Nitroaniline	**8270C**	--	--	1.7 U	--	--
2-Nitrophenol	**8270C**	--	--	0.39 U	--	--
3,3'-Dichlorobenzidine	**8270C**	--	--	2 U	--	--
3-Methylcholanthrene	**8270C**	--	--	1.7 U	--	--
3-Nitroaniline	**8270C**	--	--	2 U	--	--
4,6-Dinitro-o-cresol	**8270C**	--	--	4 U	--	--
4-Aminobiphenyl	**8270C**	--	--	4.5 U	--	--
4-Bromophenylphenylether	**8270C**	--	--	0.43 U	--	--
4-Chlorophenylphenylether	**8270C**	--	--	1.7 U	--	--
4-Nitrophenol	**8270C**	--	--	1.2 U	--	--
4-Nitroquinoline-1-oxide	**8270C**	--	--	20 U	--	--
5-Nitro-o-toluidine	**8270C**	--	--	1.4 U	--	--
7,12-Dimethylbenz(a)anthracene	**8270C**	--	--	1.6 U	--	--
Acenaphthene	**8270C**	--	--	0.28 U	--	--
Acenaphthene	**8270C SIM**	--	--	--	--	--
Acenaphthylene	**8270C**	--	--	0.49 U	--	--
Acenaphthylene	**8270C SIM**	--	--	--	--	--
Acetamidofluorene	**8270C**	--	--	7 U	--	--
Acetophenone	**8270C**	--	--	0.24 U	--	--
alpha,alpha-Dimethylphenethylamine	**8270C**	--	--	20 U	--	--
alpha-Naphthylamine	**8270C**	--	--	3.1 U	--	--
alpha-Picoline	**8270C**	--	--	1.2 U	--	--
Aniline	**8270C**	--	--	2 U	--	--
Anthracene	**8270C**	--	--	0.42 U	--	--
Anthracene	**8270C SIM**	--	--	--	--	--
Aramite	**8270C**	--	--	9.2 U	--	--
Benzidine	**8270C**	--	--	--	--	--
Benzo(a)anthracene	**8270C**	--	--	0.35 U	--	--
Benzo(a)anthracene	**8270C SIM**	--	--	--	--	--
Benzo(a)pyrene	**8270C**	--	--	0.31 U	--	--
Benzo(a)pyrene	**8270C SIM**	--	--	--	--	--
Benzo(b)fluoranthene	**8270C**	--	--	0.53 U	--	--
Benzo(b)fluoranthene	**8270C SIM**	--	--	--	--	--
Benzo(ghi)perylene	**8270C**	--	--	0.5 U	--	--
Benzo(ghi)perylene	**8270C SIM**	--	--	--	--	--
Benzo(k)fluoranthene	**8270C**	--	--	0.46 U	--	--
Benzo(k)fluoranthene	**8270C SIM**	--	--	--	--	--
Benzoicacid	**8270C**	--	--	--	--	--
Benzylalcohol	**8270C**	--	--	0.23 U	--	--
beta-Naphthylamine	**8270C**	--	--	3.1 U	--	--
bis(2-Chloroethoxy)methane	**8270C**	--	--	0.97 U	--	--
bis(2-Chloroethyl)ether	**8270C**	--	--	0.41 U	--	--
bis(2-Chloroisopropyl)ether	**8270C**	--	--	0.28 U	--	--
bis(2-Ethylhexyl)phthalate	**8270C**	0.53 U	0.53 U	0.56 U	--	--
bis(2-Ethylhexyl)phthalate	**8270C SIM**	--	--	--	--	--
Butylbenzylphthalate	**8270C**	0.95 U	0.95 U	1 U	--	--
Butylbenzylphthalate	**8270C SIM**	--	--	--	--	--
Chrysene	**8270C**	--	--	0.54 U	--	--
Chrysene	**8270C SIM**	--	--	--	--	--
Dibenzo(a,h)anthracene	**8270C**	--	--	0.51 U	--	--
Dibenzo(a,h)anthracene	**8270C SIM**	--	--	--	--	--
Dibenzofuran	**8270C**	--	--	0.29 U	--	--

TABLE 13
SEMI-VOLATILE ORGANIC COMPOUNDS ANALYTICAL RESULTS, 2012
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		HAR-13	HAR-13	HAR-14	HAR-14	HAR-14
SampleType:		Primary	Primary	Primary	Field Duplicate	Primary
Sample Name:		HAR-13_020912_01	HAR-13_071612_01	HAR-14_020912_01	HAR-14_020912_36	HAR-14_071612_01
Groundwater Unit:		Shallow	Shallow	Shallow	Shallow	Shallow
Lab Name:		TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
Collection Date:		2/9/2012	7/16/2012	2/9/2012	2/9/2012	7/16/2012
Analyte (µg/L)	**Method**					
Diethylphthalate	**8270C**	0.36 U	0.36 U	0.38 U	--	--
Diethylphthalate	**8270C SIM**	--	--	--	--	--
Dimethylphthalate	**8270C**	0.2 U	0.2 U	0.21 U	--	--
Dimethylphthalate	**8270C SIM**	--	--	--	--	--
Di-n-butylphthalate	**8270C**	1.1 U	1.1 U	1.2 U	--	--
Di-n-butylphthalate	**8270C SIM**	--	--	--	--	--
Di-n-octylphthalate	**8270C**	0.33 U	0.33 U	0.35 U	--	--
Di-n-octylphthalate	**8270C SIM**	--	--	--	--	--
Diphenylamine	**8270C**	--	--	1.1 U	--	--
Ethylmethanesulfonate	**8270C**	--	--	0.95 U	--	--
Famphur	**8270C**	--	--	--	--	--
Fluoranthene	**8270C**	--	--	0.2 U	--	--
Fluoranthene	**8270C SIM**	--	--	--	--	--
Fluorene	**8270C**	--	--	0.31 U	--	--
Fluorene	**8270C SIM**	--	--	--	--	--
Formaldehyde	**8315**	14 J	--	15 J	--	8.4 U
Formaldehyde	**8315A**	--	--	--	--	--
Hexachlorobenzene	**8270C**	--	--	0.66 U	--	--
Hexachlorobutadiene	**8270C**	--	--	3.3 U	--	--
Hexachlorocyclopentadiene	**8270C**	--	--	1.5 U	--	--
Hexachloroethane	**8270C**	--	--	2.1 U	--	--
Hexachlorophene	**8151A**	--	--	--	--	--
Hexachlorophene	**8321A**	--	--	0.49 U	--	--
Hexachloropropene	**8270C**	--	--	2 U	--	--
Indeno(1,2,3-cd)pyrene	**8270C**	--	--	0.65 U	--	--
Indeno(1,2,3-cd)pyrene	**8270C SIM**	--	--	--	--	--
Isodrin	**8270C**	--	--	1.8 U	--	--
Isophorone	**8270C**	--	--	0.21 U	--	--
Isosafrole	**8270C**	--	--	1 U	--	--
m+pCresol	**8270C**	--	--	--	--	--
m-Cresol	**8270C**	--	--	0.25 U	--	--
Methapyrilene	**8270C**	--	--	20 U	--	--
Methylmethanesulfonate	**8270C**	--	--	1 U	--	--
Naphthalene	**8270C**	--	--	0.29 U	--	--
Naphthalene	**8270C SIM**	--	--	--	--	--
Nitrobenzene	**8270C**	0.77 U	--	0.81 U	--	0.78 U
n-Nitrosodiethylamine	**8270C**	--	--	1.7 U	--	--
n-Nitrosodimethylamine	**1625M**	0.005 U	--	0.97	0.91	1.2
n-Nitrosodimethylamine	**8270C**	--	--	1.1 J	--	--
n-Nitrosodimethylamine	**8270C SIM**	--	--	--	--	--
n-Nitrosodi-n-butylamine	**8270C**	--	--	1.2 U	--	--
n-Nitrosodi-n-propylamine	**8270C**	--	--	0.35 U	--	--
n-Nitrosodiphenylamine	**8270C**	--	--	0.44 U	--	--
n-Nitrosodiphenylamine as Diphenylamine	**8270C**	--	--	--	--	--
n-Nitrosomethylethylamine	**8270C**	--	--	1.8 U	--	--
n-Nitrosomorpholine	**8270C**	--	--	2 U	--	--
n-Nitrosopiperidine	**8270C**	--	--	2 U	--	--
n-Nitrosopyrrolidine	**8270C**	--	--	0.81 U	--	--
o,o,o-Triethylphosphorothioate	**8270C**	--	--	2 U	--	--
o-Cresol	**8270C**	--	--	0.98 U	--	--
o-Tolidine	**8270C**	--	--	4 U	--	--
o-Toluidine	**8270C**	--	--	1.4 U	--	--
p-Chloroaniline	**8270C**	--	--	2.1 U	--	--
p-Chloro-m-cresol	**8270C**	--	--	2.4 U	--	--
p-Cresol	**8270C**	--	--	0.25 U	--	--
p-Dimethylaminoazobenzene	**8270C**	--	--	2 U	--	--
Pentachlorobenzene	**8270C**	--	--	2 U	--	--
Pentachloroethane	**8270C**	--	--	2 U	--	--
Pentachloronitrobenzene	**8270C**	--	--	2 U	--	--
Pentachlorophenol	**8270C**	--	--	0.76 U	--	--
Phenacetin	**8270C**	--	--	1.1 U	--	--
Phenanthrene	**8270C**	--	--	0.26 U	--	--
Phenanthrene	**8270C SIM**	--	--	--	--	--
Phenol	**8270C**	--	--	2 U	--	--
p-Nitroaniline	**8270C**	--	--	2 U	--	--
p-Phenylenediamine	**8270C**	--	--	5 U	--	--
Pronamide	**8270C**	--	--	2 U	--	--
Pyrene	**8270C**	--	--	0.37 U	--	--
Pyrene	**8270C SIM**	--	--	--	--	--
Pyridine	**8270C**	--	--	1.7 U	--	--
Safrole	**8270C**	--	--	1.1 U	--	--
sym-Trinitrobenzene	**8270C**	--	--	4 U	--	--
Tetraethyldithiopyrophosphate	**8270C**	--	--	--	--	--

TABLE 13
SEMI-VOLATILE ORGANIC COMPOUNDS ANALYTICAL RESULTS, 2012
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

	Well Identifier:	HAR-15	HAR-15	HAR-16	HAR-16	HAR-16
	SampleType:	Primary	Primary	Primary	Field Duplicate	Primary
	Sample Name:	HAR-15_012412_01	HAR-15_072412_01	HAR-16_012312_01	HAR-16_012312_36	HAR-16_072312_01
	Groundwater Unit:	Shallow	Shallow	Chatsworth	Chatsworth	Chatsworth
	Lab Name:	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
	Collection Date:	1/24/2012	7/24/2012	1/23/2012	1/23/2012	7/23/2012
Analyte (µg/L)	**Method**					
1,2,4,5-Tetrachlorobenzene	**8270C**	1.8 U	--	1.7 U	--	--
1,2,4-Trichlorobenzene	**8270C**	0.3 U	--	0.28 U	--	--
1,2-Dichlorobenzene	**8270C**	--	--	--	--	--
1,3-Dichlorobenzene	**8270C**	0.32 U	--	0.3 U	--	--
1,3-Dinitrobenzene	**8270C**	2.1 U	1.9 U	2 U	--	2 U
1,4-Dichlorobenzene	**8270C**	--	--	--	--	--
1,4-Naphthoquinone	**8270C**	15 U	--	14 U	--	--
1-Methylnaphthalene	**8270C SIM**	--	--	--	--	--
2,3,4,6-Tetrachlorophenol	**8270C**	2.1 U	--	2 U	--	--
2,4,5-Trichlorophenol	**8270C**	0.48 U	--	0.45 U	--	--
2,4,6-Trichlorophenol	**8270C**	0.31 U	--	0.29 U	--	--
2,4-Dichlorophenol	**8270C**	0.68 U	--	0.64 U	--	--
2,4-Dimethylphenol	**8270C**	0.62 U	--	0.58 U	--	--
2,4-Dinitrophenol	**8270C**	11 U	--	10 U	--	--
2,4-Dinitrotoluene	**8270C**	1.8 U	--	1.7 U	--	--
2,6-Dichlorophenol	**8270C**	1.4 U	--	1.4 U	--	--
2,6-Dinitrotoluene	**8270C**	2 U	--	1.9 U	--	--
2-Chloronaphthalene	**8270C**	0.28 U	--	0.26 U	--	--
2-Chlorophenol	**8270C**	2.1 U	--	2 U	--	--
2-Methylnaphthalene	**8270C**	0.31 U	--	0.29 U	--	--
2-Methylnaphthalene	**8270C SIM**	--	--	--	--	--
2-Nitroaniline	**8270C**	1.8 U	--	1.7 U	--	--
2-Nitrophenol	**8270C**	0.42 U	--	0.39 U	--	--
3,3'-Dichlorobenzidine	**8270C**	2.1 U	--	2 U	--	--
3-Methylcholanthrene	**8270C**	1.8 U	--	1.7 U	--	--
3-Nitroaniline	**8270C**	2.1 U	--	2 U	--	--
4,6-Dinitro-o-cresol	**8270C**	4.3 U	--	4 U	--	--
4-Aminobiphenyl	**8270C**	4.8 U	--	4.5 U	--	--
4-Bromophenylphenylether	**8270C**	0.46 U	--	0.43 U	--	--
4-Chlorophenylphenylether	**8270C**	1.8 U	--	1.7 UJ	--	--
4-Nitrophenol	**8270C**	1.3 U	--	1.2 U	--	--
4-Nitroquinoline-1-oxide	**8270C**	21 U	--	20 U	--	--
5-Nitro-o-toluidine	**8270C**	1.5 U	--	1.4 U	--	--
7,12-Dimethylbenz(a)anthracene	**8270C**	1.7 U	--	1.6 U	--	--
Acenaphthene	**8270C**	0.3 U	--	0.28 U	--	--
Acenaphthene	**8270C SIM**	--	--	--	--	--
Acenaphthylene	**8270C**	0.52 U	--	0.49 U	--	--
Acenaphthylene	**8270C SIM**	--	--	--	--	--
Acetamidofluorene	**8270C**	7.4 U	--	7 U	--	--
Acetophenone	**8270C**	0.26 U	--	0.24 U	--	--
alpha,alpha-Dimethylphenethylamine	**8270C**	21 U	--	20 U	--	--
alpha-Naphthylamine	**8270C**	3.3 U	--	3.1 U	--	--
alpha-Picoline	**8270C**	1.3 U	--	1.2 U	--	--
Aniline	**8270C**	2.1 U	--	2 U	--	--
Anthracene	**8270C**	0.45 U	--	0.42 UJ	--	--
Anthracene	**8270C SIM**	--	--	--	--	--
Aramite	**8270C**	9.8 U	--	9.2 U	--	--
Benzidine	**8270C**	--	--	--	--	--
Benzo(a)anthracene	**8270C**	0.37 U	--	0.35 U	--	--
Benzo(a)anthracene	**8270C SIM**	--	--	--	--	--
Benzo(a)pyrene	**8270C**	0.33 U	--	0.31 UJ	--	--
Benzo(a)pyrene	**8270C SIM**	--	--	--	--	--
Benzo(b)fluoranthene	**8270C**	0.57 U	--	0.53 UJ	--	--
Benzo(b)fluoranthene	**8270C SIM**	--	--	--	--	--
Benzo(ghi)perylene	**8270C**	0.53 U	--	0.5 UJ	--	--
Benzo(ghi)perylene	**8270C SIM**	--	--	--	--	--
Benzo(k)fluoranthene	**8270C**	0.49 U	--	0.46 U	--	--
Benzo(k)fluoranthene	**8270C SIM**	--	--	--	--	--
Benzoicacid	**8270C**	--	--	--	--	--
Benzylalcohol	**8270C**	0.24 U	--	0.23 U	--	--
beta-Naphthylamine	**8270C**	3.3 U	--	3.1 U	--	--
bis(2-Chloroethoxy)methane	**8270C**	1 U	--	0.97 U	--	--
bis(2-Chloroethyl)ether	**8270C**	0.44 U	--	0.41 U	--	--
bis(2-Chloroisopropyl)ether	**8270C**	0.3 U	--	0.28 U	--	--
bis(2-Ethylhexyl)phthalate	**8270C**	0.6 U	--	0.56 U	--	0.55 U
bis(2-Ethylhexyl)phthalate	**8270C SIM**	--	--	--	--	--
Butylbenzylphthalate	**8270C**	1.1 U	--	1 U	--	0.99 U
Butylbenzylphthalate	**8270C SIM**	--	--	--	--	--
Chrysene	**8270C**	0.58 U	--	0.54 UJ	--	--
Chrysene	**8270C SIM**	--	--	--	--	--
Dibenzo(a,h)anthracene	**8270C**	0.54 U	--	0.51 U	--	--
Dibenzo(a,h)anthracene	**8270C SIM**	--	--	--	--	--
Dibenzofuran	**8270C**	0.31 U	--	0.29 UJ	--	--

TABLE 13
SEMI-VOLATILE ORGANIC COMPOUNDS ANALYTICAL RESULTS, 2012
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		HAR-15	HAR-15	HAR-16	HAR-16	HAR-16
SampleType:		Primary	Primary	Primary	Field Duplicate	Primary
Sample Name:		HAR-15_012412_01	HAR-15_072412_01	HAR-16_012312_01	HAR-16_012312_36	HAR-16_072312_01
Groundwater Unit:		Shallow	Shallow	Chatsworth	Chatsworth	Chatsworth
Lab Name:		TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
Collection Date:		1/24/2012	7/24/2012	1/23/2012	1/23/2012	7/23/2012
Analyte (µg/L)	**Method**					
Diethylphthalate	**8270C**	0.4 U	--	0.38 U	--	0.37 U
Diethylphthalate	**8270C SIM**	--	--	--	--	--
Dimethylphthalate	**8270C**	0.22 U	--	0.21 U	--	0.21 U
Dimethylphthalate	**8270C SIM**	--	--	--	--	--
Di-n-butylphthalate	**8270C**	1.2 U	--	1.2 U	--	1.1 U
Di-n-butylphthalate	**8270C SIM**	--	--	--	--	--
Di-n-octylphthalate	**8270C**	0.37 U	--	0.35 U	--	0.34 U
Di-n-octylphthalate	**8270C SIM**	--	--	--	--	--
Diphenylamine	**8270C**	1.1 U	--	1.1 U	--	--
Ethylmethanesulfonate	**8270C**	1 U	--	0.95 U	--	--
Famphur	**8270C**	--	--	--	--	--
Fluoranthene	**8270C**	0.21 U	--	0.2 U	--	--
Fluoranthene	**8270C SIM**	--	--	--	--	--
Fluorene	**8270C**	0.33 U	--	0.31 UJ	--	--
Fluorene	**8270C SIM**	--	--	--	--	--
Formaldehyde	**8315**	50 U	50 U	--	--	50 U
Formaldehyde	**8315A**	--	--	--	--	--
Hexachlorobenzene	**8270C**	0.7 U	--	0.66 U	--	--
Hexachlorobutadiene	**8270C**	3.5 U	--	3.3 U	--	--
Hexachlorocyclopentadiene	**8270C**	1.6 U	--	1.5 U	--	--
Hexachloroethane	**8270C**	2.2 U	--	2.1 U	--	--
Hexachlorophene	**8151A**	--	--	--	--	--
Hexachlorophene	**8321A**	0.49 U	--	0.49 U	--	--
Hexachloropropene	**8270C**	2.1 U	--	2 U	--	--
Indeno(1,2,3-cd)pyrene	**8270C**	0.69 U	--	0.65 UJ	--	--
Indeno(1,2,3-cd)pyrene	**8270C SIM**	--	--	--	--	--
Isodrin	**8270C**	1.9 U	--	1.8 U	--	--
Isophorone	**8270C**	0.22 U	--	0.21 U	--	--
Isosafrole	**8270C**	1.1 U	--	1 U	--	--
m+pCresol	**8270C**	--	--	--	--	--
m-Cresol	**8270C**	0.27 U	--	0.25 U	--	--
Methapyrilene	**8270C**	21 U	--	20 U	--	--
Methylmethanesulfonate	**8270C**	1.1 U	--	1 U	--	--
Naphthalene	**8270C**	0.31 U	--	0.29 U	--	--
Naphthalene	**8270C SIM**	--	--	--	--	--
Nitrobenzene	**8270C**	0.86 U	0.78 U	0.81 U	--	0.8 U
n-Nitrosodiethylamine	**8270C**	1.8 U	--	1.7 U	--	--
n-Nitrosodimethylamine	**1625M**	0.005 U	0.005 U	3.7	4.8	3.6
n-Nitrosodimethylamine	**8270C**	0.31 U	--	6.8 J	--	--
n-Nitrosodimethylamine	**8270C SIM**	--	--	--	--	--
n-Nitrosodi-n-butylamine	**8270C**	1.3 U	--	1.2 U	--	--
n-Nitrosodi-n-propylamine	**8270C**	0.37 U	--	0.35 U	--	--
n-Nitrosodiphenylamine	**8270C**	0.47 U	--	0.44 U	--	--
n-Nitrosodiphenylamine as Diphenylamine	**8270C**	--	--	--	--	--
n-Nitrosomethylethylamine	**8270C**	1.9 U	--	1.8 U	--	--
n-Nitrosomorpholine	**8270C**	2.1 U	--	2 U	--	--
n-Nitrosopiperidine	**8270C**	2.1 U	--	2 U	--	--
n-Nitrosopyrrolidine	**8270C**	0.86 U	--	0.81 U	--	--
o,o,o-Triethylphosphorothioate	**8270C**	2.1 U	--	2 U	--	--
o-Cresol	**8270C**	1 U	--	0.98 U	--	--
o-Tolidine	**8270C**	4.3 U	--	4 U	--	--
o-Toluidine	**8270C**	1.5 U	--	1.4 U	--	--
p-Chloroaniline	**8270C**	2.3 U	--	2.1 U	--	--
p-Chloro-m-cresol	**8270C**	2.6 U	--	2.4 U	--	--
p-Cresol	**8270C**	0.27 U	--	0.25 U	--	--
p-Dimethylaminoazobenzene	**8270C**	2.1 U	--	2 U	--	--
Pentachlorobenzene	**8270C**	2.1 U	--	2 U	--	--
Pentachloroethane	**8270C**	2.1 U	--	2 U	--	--
Pentachloronitrobenzene	**8270C**	2.1 U	--	2 U	--	--
Pentachlorophenol	**8270C**	0.85 U	--	0.76 U	--	--
Phenacetin	**8270C**	1.2 U	--	1.1 U	--	--
Phenanthrene	**8270C**	0.28 U	--	0.26 U	--	--
Phenanthrene	**8270C SIM**	--	--	--	--	--
Phenol	**8270C**	2.1 U	--	2 U	--	--
p-Nitroaniline	**8270C**	2.1 U	--	2 U	--	--
p-Phenylenediamine	**8270C**	5.3 U	--	5 U	--	--
Pronamide	**8270C**	2.1 U	--	2 U	--	--
Pyrene	**8270C**	0.39 U	--	0.37 U	--	--
Pyrene	**8270C SIM**	--	--	--	--	--
Pyridine	**8270C**	1.8 U	--	1.7 U	--	--
Safrole	**8270C**	1.2 U	--	1.1 U	--	--
sym-Trinitrobenzene	**8270C**	4.3 U	--	4 U	--	--
Tetraethyldithiopyrophosphate	**8270C**	--	--	--	--	--

TABLE 13
SEMI-VOLATILE ORGANIC COMPOUNDS ANALYTICAL RESULTS, 2012
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

	Well Identifier:	HAR-17	HAR-17	HAR-19	HAR-19	HAR-19
	SampleType:	Primary	Primary	Primary	Field Duplicate	Primary
	Sample Name:	HAR-17_012612_01	HAR-17_072312_01	HAR-19_020112_01	HAR-19_020112_36	HAR-19_072612_01
	Groundwater Unit:	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth
	Lab Name:	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
	Collection Date:	1/26/2012	7/23/2012	2/1/2012	2/1/2012	7/26/2012
Analyte (µg/L)	**Method**					
1,2,4,5-Tetrachlorobenzene	**8270C**	--	--	1.8 U	1.8 U	1.7 U
1,2,4-Trichlorobenzene	**8270C**	0.27 U	0.27 U	0.29 U	0.29 U	0.27 U
1,2-Dichlorobenzene	**8270C**	--	--	--	--	--
1,3-Dichlorobenzene	**8270C**	--	--	0.49 J	0.32 U	0.29 U
1,3-Dinitrobenzene	**8270C**	1.9 U	1.9 U	2.1 U	2.1 U	1.9 U
1,4-Dichlorobenzene	**8270C**	--	--	--	--	--
1,4-Naphthoquinone	**8270C**	--	--	14 U	15 U	13 U
1-Methylnaphthalene	**8270C SIM**	--	--	--	--	--
2,3,4,6-Tetrachlorophenol	**8270C**	--	--	2.1 U	2.1 U	1.9 U
2,4,5-Trichlorophenol	**8270C**	--	--	0.46 U	0.47 U	0.44 U
2,4,6-Trichlorophenol	**8270C**	0.28 U	0.28 U	0.3 U	0.31 U	0.28 U
2,4-Dichlorophenol	**8270C**	0.61 U	0.61 U	0.66 U	0.67 U	0.62 U
2,4-Dimethylphenol	**8270C**	0.56 U	0.55 U	0.6 U	0.61 U	0.56 U
2,4-Dinitrophenol	**8270C**	9.6 U	9.5 U	10 U	11 U	9.7 U
2,4-Dinitrotoluene	**8270C**	1.6 U	1.6 U	1.7 U	1.7 U	1.6 U
2,6-Dichlorophenol	**8270C**	--	--	1.4 U	1.4 U	1.3 U
2,6-Dinitrotoluene	**8270C**	1.8 U	1.8 U	1.9 U	2 U	1.8 U
2-Chloronaphthalene	**8270C**	0.25 U	0.56 J	0.27 U	0.27 U	0.25 U
2-Chlorophenol	**8270C**	1.9 U	1.9 U	2.1 U	2.1 U	1.9 U
2-Methylnaphthalene	**8270C**	--	--	0.3 U	0.31 U	0.28 U
2-Methylnaphthalene	**8270C SIM**	--	--	--	--	--
2-Nitroaniline	**8270C**	--	--	1.8 U	1.8 U	1.7 U
2-Nitrophenol	**8270C**	0.37 U	0.37 U	0.4 U	0.41 U	0.38 U
3,3'-Dichlorobenzidine	**8270C**	1.9 U	1.9 U	2.1 U	2.1 U	1.9 UJ
3-Methylcholanthrene	**8270C**	--	--	1.7 U	1.8 U	1.6 U
3-Nitroaniline	**8270C**	--	--	2.1 U	2.1 U	1.9 U
4,6-Dinitro-o-cresol	**8270C**	3.8 U	3.8 U	4.1 U	4.2 U	3.9 U
4-Aminobiphenyl	**8270C**	--	--	4.6 U	4.7 U	4.4 U
4-Bromophenylphenylether	**8270C**	0.41 U	0.41 U	0.44 U	0.45 U	0.42 U
4-Chlorophenylphenylether	**8270C**	1.6 U	1.6 U	1.7 U	1.7 U	1.6 U
4-Nitrophenol	**8270C**	1.2 U	1.2 U	1.3 U	1.3 U	1.2 U
4-Nitroquinoline-1-oxide	**8270C**	--	--	21 U	21 U	19 U
5-Nitro-o-toluidine	**8270C**	--	--	1.4 U	1.5 U	1.4 U
7,12-Dimethylbenz(a)anthracene	**8270C**	--	--	1.6 U	1.6 U	1.5 U
Acenaphthene	**8270C**	0.27 U	0.27 U	0.29 U	0.29 U	0.27 U
Acenaphthene	**8270C SIM**	--	--	--	--	--
Acenaphthylene	**8270C**	0.47 U	0.47 U	0.5 U	0.52 U	0.48 U
Acenaphthylene	**8270C SIM**	--	--	--	--	--
Acetamidofluorene	**8270C**	--	--	7.2 U	7.4 U	6.8 U
Acetophenone	**8270C**	--	--	0.25 U	0.25 U	0.23 U
alpha,alpha-Dimethylphenethylamine	**8270C**	--	--	21 U	21 U	19 U
alpha-Naphthylamine	**8270C**	--	--	3.2 U	3.3 U	3 U
alpha-Picoline	**8270C**	--	--	1.2 U	1.3 U	1.2 U
Aniline	**8270C**	--	--	2.1 U	2.1 U	1.9 U
Anthracene	**8270C**	0.4 U	0.4 U	0.43 U	0.44 U	0.41 U
Anthracene	**8270C SIM**	--	--	--	--	--
Aramite	**8270C**	--	--	9.5 U	9.7 U	8.9 U
Benzidine	**8270C**	48 U	48 U	--	--	--
Benzo(a)anthracene	**8270C**	0.34 U	0.33 U	0.36 U	0.37 U	0.34 U
Benzo(a)anthracene	**8270C SIM**	--	--	--	--	--
Benzo(a)pyrene	**8270C**	0.3 U	0.3 U	0.32 U	0.33 U	0.3 U
Benzo(a)pyrene	**8270C SIM**	--	--	--	--	--
Benzo(b)fluoranthene	**8270C**	0.51 U	0.51 U	0.55 U	0.56 U	0.52 U
Benzo(b)fluoranthene	**8270C SIM**	--	--	--	--	--
Benzo(ghi)perylene	**8270C**	0.48 U	0.48 U	0.51 U	0.53 U	0.48 U
Benzo(ghi)perylene	**8270C SIM**	--	--	--	--	--
Benzo(k)fluoranthene	**8270C**	0.44 U	0.44 U	0.47 U	0.48 U	0.45 U
Benzo(k)fluoranthene	**8270C SIM**	--	--	--	--	--
Benzoicacid	**8270C**	--	--	--	--	--
Benzylalcohol	**8270C**	--	--	0.24 U	0.24 U	0.22 U
beta-Naphthylamine	**8270C**	--	--	3.2 U	3.3 U	3 U
bis(2-Chloroethoxy)methane	**8270C**	0.93 U	0.92 U	1 U	1 U	0.94 U
bis(2-Chloroethyl)ether	**8270C**	0.39 U	0.39 U	0.42 U	0.43 U	0.4 U
bis(2-Chloroisopropyl)ether	**8270C**	0.27 U	0.27 U	0.29 U	0.29 U	0.27 U
bis(2-Ethylhexyl)phthalate	**8270C**	9.6 U	0.53 U	0.58 U	0.59 U	0.54 U
bis(2-Ethylhexyl)phthalate	**8270C SIM**	--	--	--	--	--
Butylbenzylphthalate	**8270C**	0.96 U	0.95 U	1 U	1.1 U	0.97 U
Butylbenzylphthalate	**8270C SIM**	--	--	--	--	--
Chrysene	**8270C**	0.52 U	0.51 U	0.55 U	0.57 U	0.52 U
Chrysene	**8270C SIM**	--	--	--	--	--
Dibenzo(a,h)anthracene	**8270C**	0.49 U	0.49 U	0.52 U	0.54 U	0.49 U
Dibenzo(a,h)anthracene	**8270C SIM**	--	--	--	--	--
Dibenzofuran	**8270C**	--	--	0.3 U	0.31 U	0.28 U

TABLE 13
SEMI-VOLATILE ORGANIC COMPOUNDS ANALYTICAL RESULTS, 2012
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		HAR-17	HAR-17	HAR-19	HAR-19	HAR-19
SampleType:		Primary	Primary	Primary	Field Duplicate	Primary
Sample Name:		HAR-17_012612_01	HAR-17_072312_01	HAR-19_020112_01	HAR-19_020112_36	HAR-19_072612_01
Groundwater Unit:		Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth
Lab Name:		TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
Collection Date:		1/26/2012	7/23/2012	2/1/2012	2/1/2012	7/26/2012
Analyte (µg/L)	**Method**					
Diethylphthalate	**8270C**	0.36 U	0.36 U	0.39 U	0.4 U	0.56 J
Diethylphthalate	**8270C SIM**	--	--	--	--	--
Dimethylphthalate	**8270C**	0.2 U	0.2 U	0.22 U	0.22 U	0.2 U
Dimethylphthalate	**8270C SIM**	--	--	--	--	--
Di-n-butylphthalate	**8270C**	1.1 U	1.1 U	1.2 U	1.2 U	1.1 U
Di-n-butylphthalate	**8270C SIM**	--	--	--	--	--
Di-n-octylphthalate	**8270C**	0.34 U	0.33 U	0.36 U	0.37 U	0.34 U
Di-n-octylphthalate	**8270C SIM**	--	--	--	--	--
Diphenylamine	**8270C**	--	--	1.1 U	1.1 U	1 U
Ethylmethanesulfonate	**8270C**	--	--	0.97 U	0.99 U	0.91 U
Famphur	**8270C**	--	--	--	--	--
Fluoranthene	**8270C**	0.19 U	0.19 U	0.21 U	0.21 U	0.19 U
Fluoranthene	**8270C SIM**	--	--	--	--	--
Fluorene	**8270C**	0.3 U	0.3 U	0.32 U	0.33 U	0.3 U
Fluorene	**8270C SIM**	--	--	--	--	--
Formaldehyde	**8315**	--	--	50 U	50 U	50 U
Formaldehyde	**8315A**	--	--	--	--	--
Hexachlorobenzene	**8270C**	0.63 U	0.63 U	0.68 U	0.7 U	0.64 U
Hexachlorobutadiene	**8270C**	3.2 U	3.1 U	3.4 U	3.5 U	3.2 U
Hexachlorocyclopentadiene	**8270C**	--	--	1.6 U	1.6 U	9.7 U
Hexachloroethane	**8270C**	2 U	2 U	2.2 U	2.2 U	2 U
Hexachlorophene	**8151A**	--	--	--	--	--
Hexachlorophene	**8321A**	--	--	0.49 U	0.49 U	--
Hexachloropropene	**8270C**	--	--	2.1 U	2.1 U	1.9 U
Indeno(1,2,3-cd)pyrene	**8270C**	0.62 U	0.62 U	0.67 U	0.68 U	0.63 U
Indeno(1,2,3-cd)pyrene	**8270C SIM**	--	--	--	--	--
Isodrin	**8270C**	1.7 U	1.7 U	1.8 U	1.9 U	1.7 U
Isophorone	**8270C**	0.2 U	0.2 U	0.22 U	0.22 U	0.2 U
Isosafrole	**8270C**	--	--	1 U	1.1 U	0.97 U
m+pCresol	**8270C**	--	--	--	--	--
m-Cresol	**8270C**	--	--	0.26 U	0.26 U	0.24 U
Methapyrilene	**8270C**	--	--	21 U	21 U	19 U
Methylmethanesulfonate	**8270C**	--	--	1 UJ	1.1 UJ	0.97 U
Naphthalene	**8270C**	0.28 U	0.28 U	0.3 U	0.31 U	0.28 U
Naphthalene	**8270C SIM**	--	--	--	--	--
Nitrobenzene	**8270C**	0.78 U	0.77 U	0.83 U	0.85 U	0.79 U
n-Nitrosodiethylamine	**8270C**	--	--	1.8 U	1.8 U	1.7 U
n-Nitrosodimethylamine	**1625M**	--	--	0.005 U	0.005 U	0.0056
n-Nitrosodimethylamine	**8270C**	0.28 U	0.28 U	0.3 U	0.31 U	0.28 U
n-Nitrosodimethylamine	**8270C SIM**	--	--	--	--	--
n-Nitrosodi-n-butylamine	**8270C**	--	--	1.3 U	1.3 U	1.2 U
n-Nitrosodi-n-propylamine	**8270C**	0.34 U	0.33 U	0.36 U	0.37 U	0.34 U
n-Nitrosodiphenylamine	**8270C**	--	--	0.45 U	0.46 U	0.43 U
n-Nitrosodiphenylamine as Diphenylamine	**8270C**	0.42 U	0.42 U	--	--	--
n-Nitrosomethylethylamine	**8270C**	--	--	1.8 U	1.9 U	1.7 U
n-Nitrosomorpholine	**8270C**	--	--	2.1 U	2.1 U	1.9 U
n-Nitrosopiperidine	**8270C**	--	--	2.1 U	2.1 U	1.9 U
n-Nitrosopyrrolidine	**8270C**	--	--	0.83 U	0.85 U	0.78 U
o,o,o-Triethylphosphorothioate	**8270C**	--	--	2.1 U	2.1 U	1.9 U
o-Cresol	**8270C**	--	--	1 U	1 U	0.95 U
o-Tolidine	**8270C**	--	--	4.1 U	4.2 U	3.9 U
o-Toluidine	**8270C**	--	--	1.4 U	1.5 U	1.4 U
p-Chloroaniline	**8270C**	--	--	2.2 U	2.3 U	2.1 U
p-Chloro-m-cresol	**8270C**	2.3 U	2.3 U	2.5 U	2.5 U	2.3 U
p-Cresol	**8270C**	--	--	0.26 U	0.26 U	0.24 U
p-Dimethylaminoazobenzene	**8270C**	--	--	2.1 U	2.1 U	1.9 U
Pentachlorobenzene	**8270C**	--	--	2.1 U	2.1 U	1.9 U
Pentachloroethane	**8270C**	--	--	2.1 U	2.1 U	1.9 U
Pentachloronitrobenzene	**8270C**	--	--	2.1 U	2.1 U	1.9 U
Pentachlorophenol	**8270C**	--	--	0.82 U	0.81 U	--
Phenacetin	**8270C**	--	--	1.1 U	1.1 U	1 U
Phenanthrene	**8270C**	0.25 U	0.25 U	0.27 U	0.27 U	0.25 U
Phenanthrene	**8270C SIM**	--	--	--	--	--
Phenol	**8270C**	1.9 U	1.9 U	2.1 U	2.1 U	1.9 U
p-Nitroaniline	**8270C**	--	--	2.1 U	2.1 U	1.9 U
p-Phenylenediamine	**8270C**	--	--	5.1 UJ	5.3 UJ	4.8 U
Pronamide	**8270C**	--	--	2.1 U	2.1 U	1.9 U
Pyrene	**8270C**	--	--	0.38 U	0.39 U	0.36 U
Pyrene	**8270C SIM**	--	--	--	--	--
Pyridine	**8270C**	--	--	1.7 U	1.8 U	1.6 U
Safrole	**8270C**	--	--	1.2 U	1.2 U	1.1 U
sym-Trinitrobenzene	**8270C**	--	--	4.1 U	4.2 U	3.9 U
Tetraethyldithiopyrophosphate	**8270C**	--	--	--	--	--

TABLE 13
SEMI-VOLATILE ORGANIC COMPOUNDS ANALYTICAL RESULTS, 2012
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

	Well Identifier:	HAR-19	HAR-19	HAR-20	HAR-20	HAR-21
	SampleType:	Field Duplicate	Split	Primary	Primary	Primary
	Sample Name:	HAR-19_072612_36	HAR-19_072612_03	HAR-20_012312_01	HAR-20_072312_01	HAR-21_012512_01
	Groundwater Unit:	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth
	Lab Name:	TA- Denver	TA- Irvine	TA- Denver	TA- Denver	TA- Denver
	Collection Date:	7/26/2012	7/26/2012	1/23/2012	7/23/2012	1/25/2012
Analyte (µg/L)	**Method**					
1,2,4,5-Tetrachlorobenzene	**8270C**	1.7 U	2.4 U	1.6 U	--	1.6 U
1,2,4-Trichlorobenzene	**8270C**	0.27 U	2.4 U	0.26 U	--	0.27 U
1,2-Dichlorobenzene	**8270C**	--	--	--	--	--
1,3-Dichlorobenzene	**8270C**	0.29 U	2.9 U	0.28 U	--	0.29 U
1,3-Dinitrobenzene	**8270C**	1.9 U	3.4 U	1.9 U	1.9 U	1.9 U
1,4-Dichlorobenzene	**8270C**	--	--	--	--	--
1,4-Naphthoquinone	**8270C**	13 U	3.9 U	13 U	--	13 U
1-Methylnaphthalene	**8270C SIM**	--	--	--	--	--
2,3,4,6-Tetrachlorophenol	**8270C**	1.9 U	4.4 UJ	1.9 U	--	1.9 U
2,4,5-Trichlorophenol	**8270C**	0.43 U	2.9 U	0.43 U	--	0.43 U
2,4,6-Trichlorophenol	**8270C**	0.28 U	4.4 U	0.27 U	--	0.28 U
2,4-Dichlorophenol	**8270C**	0.62 U	3.4 U	0.61 U	--	0.61 U
2,4-Dimethylphenol	**8270C**	0.56 U	3.4 U	0.55 U	--	0.55 U
2,4-Dinitrophenol	**8270C**	9.6 U	7.8 U	9.5 U	--	9.5 U
2,4-Dinitrotoluene	**8270C**	1.6 U	3.4 U	1.6 U	--	1.6 U
2,6-Dichlorophenol	**8270C**	1.3 U	5.8 U	1.3 U	--	1.3 U
2,6-Dinitrotoluene	**8270C**	1.8 U	1.9 U	1.8 U	--	1.8 U
2-Chloronaphthalene	**8270C**	0.25 U	2.9 U	0.25 U	--	0.25 U
2-Chlorophenol	**8270C**	1.9 U	2.9 U	1.9 U	--	1.9 U
2-Methylnaphthalene	**8270C**	0.28 U	1.9 U	0.27 U	--	0.28 U
2-Methylnaphthalene	**8270C SIM**	--	--	--	--	--
2-Nitroaniline	**8270C**	1.7 U	1.9 U	1.6 U	--	1.6 U
2-Nitrophenol	**8270C**	0.37 U	3.4 U	0.37 U	--	0.37 U
3,3'-Dichlorobenzidine	**8270C**	1.9 UJ	7.3 U	1.9 U	--	1.9 U
3-Methylcholanthrene	**8270C**	1.6 U	2.4 U	1.6 U	--	1.6 U
3-Nitroaniline	**8270C**	1.9 U	2.9 U	1.9 U	--	1.9 U
4,6-Dinitro-o-cresol	**8270C**	3.8 U	3.9 U	3.8 U	--	3.8 U
4-Aminobiphenyl	**8270C**	4.3 U	4.9 U	4.3 U	--	4.3 U
4-Bromophenylphenylether	**8270C**	0.41 U	2.9 U	0.41 U	--	0.41 U
4-Chlorophenylphenylether	**8270C**	1.6 U	2.4 UJ	1.6 U	--	1.6 U
4-Nitrophenol	**8270C**	1.2 U	5.3 U	1.2 U	--	1.2 U
4-Nitroquinoline-1-oxide	**8270C**	19 U	2.9 U	19 U	--	19 U
5-Nitro-o-toluidine	**8270C**	1.3 U	2.9 U	1.3 U	--	1.3 U
7,12-Dimethylbenz(a)anthracene	**8270C**	1.5 U	3.9 U	1.5 U	--	1.5 U
Acenaphthene	**8270C**	0.27 U	2.9 U	0.26 U	--	0.27 U
Acenaphthene	**8270C SIM**	--	--	--	--	--
Acenaphthylene	**8270C**	0.47 U	2.9 U	0.46 U	--	0.47 U
Acenaphthylene	**8270C SIM**	--	--	--	--	--
Acetamidofluorene	**8270C**	6.7 U	2.9 U	6.6 U	--	6.6 U
Acetophenone	**8270C**	0.23 U	3.9 U	0.23 U	--	0.23 U
alpha,alpha-Dimethylphenethylamine	**8270C**	19 U	39 U	19 U	--	19 U
alpha-Naphthylamine	**8270C**	3 U	5.3 U	2.9 U	--	2.9 U
alpha-Picoline	**8270C**	1.2 U	2.4 U	1.1 U	--	1.1 U
Aniline	**8270C**	1.9 U	3.4 U	1.9 U	--	1.9 U
Anthracene	**8270C**	0.4 U	2.4 U	0.4 U	--	0.4 U
Anthracene	**8270C SIM**	--	--	--	--	--
Aramite	**8270C**	8.8 U	4.4 U	8.7 U	--	8.7 U
Benzidine	**8270C**	--	--	--	--	--
Benzo(a)anthracene	**8270C**	0.34 U	2.4 U	0.33 U	--	0.33 U
Benzo(a)anthracene	**8270C SIM**	--	--	--	--	--
Benzo(a)pyrene	**8270C**	0.3 U	2.9 U	0.29 U	--	0.29 U
Benzo(a)pyrene	**8270C SIM**	--	--	--	--	--
Benzo(b)fluoranthene	**8270C**	0.51 U	1.9 U	0.5 U	--	0.5 U
Benzo(b)fluoranthene	**8270C SIM**	--	--	--	--	--
Benzo(ghi)perylene	**8270C**	0.48 U	3.9 U	0.47 U	--	0.48 U
Benzo(ghi)perylene	**8270C SIM**	--	--	--	--	--
Benzo(k)fluoranthene	**8270C**	0.44 U	2.4 U	0.43 U	--	0.44 U
Benzo(k)fluoranthene	**8270C SIM**	--	--	--	--	--
Benzoicacid	**8270C**	--	--	--	--	--
Benzylalcohol	**8270C**	0.22 U	3.4 U	0.22 U	--	0.22 U
beta-Naphthylamine	**8270C**	3 U	3.9 U	2.9 U	--	2.9 U
bis(2-Chloroethoxy)methane	**8270C**	0.93 U	2.9 U	0.92 U	--	0.92 U
bis(2-Chloroethyl)ether	**8270C**	0.39 U	2.9 U	0.39 U	--	0.39 U
bis(2-Chloroisopropyl)ether	**8270C**	0.27 U	2.4 U	0.26 U	--	0.27 U
bis(2-Ethylhexyl)phthalate	**8270C**	0.54 U	3.9 U	0.53 U	9.4 U	9.5 U
bis(2-Ethylhexyl)phthalate	**8270C SIM**	--	--	--	--	--
Butylbenzylphthalate	**8270C**	0.96 U	3.9 U	0.95 U	0.94 U	0.95 U
Butylbenzylphthalate	**8270C SIM**	--	--	--	--	--
Chrysene	**8270C**	0.52 U	2.4 U	0.51 U	--	0.51 U
Chrysene	**8270C SIM**	--	--	--	--	--
Dibenzo(a,h)anthracene	**8270C**	0.49 U	2.9 U	0.48 U	--	0.48 U
Dibenzo(a,h)anthracene	**8270C SIM**	--	--	--	--	--
Dibenzofuran	**8270C**	0.28 U	3.9 U	0.27 U	--	0.28 U

TABLE 13
SEMI-VOLATILE ORGANIC COMPOUNDS ANALYTICAL RESULTS, 2012
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

	Well Identifier:	HAR-19	HAR-19	HAR-20	HAR-20	HAR-21
	SampleType:	Field Duplicate	Split	Primary	Primary	Primary
	Sample Name:	HAR-19_072612_36	HAR-19_072612_03	HAR-20_012312_01	HAR-20_072312_01	HAR-21_012512_01
	Groundwater Unit:	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth
	Lab Name:	TA- Denver	TA- Irvine	TA- Denver	TA- Denver	TA- Denver
	Collection Date:	7/26/2012	7/26/2012	1/23/2012	7/23/2012	1/25/2012
Analyte (µg/L)	**Method**					
Diethylphthalate	**8270C**	0.43 J	3.4 U	0.36 U	0.36 U	0.36 U
Diethylphthalate	**8270C SIM**	--	--	--	--	--
Dimethylphthalate	**8270C**	0.2 U	2.4 U	0.2 U	0.2 U	0.2 U
Dimethylphthalate	**8270C SIM**	--	--	--	--	--
Di-n-butylphthalate	**8270C**	1.1 U	2.9 U	1.1 U	1.1 U	1.1 U
Di-n-butylphthalate	**8270C SIM**	--	--	--	--	--
Di-n-octylphthalate	**8270C**	0.34 U	3.4 U	0.33 U	0.33 U	0.33 U
Di-n-octylphthalate	**8270C SIM**	--	--	--	--	--
Diphenylamine	**8270C**	1 U	2.9 U	1 U	--	1 U
Ethylmethanesulfonate	**8270C**	0.91 U	3.9 U	0.89 U	--	0.9 U
Famphur	**8270C**	--	--	--	--	--
Fluoranthene	**8270C**	0.19 U	2.9 U	0.19 U	--	0.19 U
Fluoranthene	**8270C SIM**	--	--	--	--	--
Fluorene	**8270C**	0.3 U	2.9 U	0.29 U	--	0.29 U
Fluorene	**8270C SIM**	--	--	--	--	--
Formaldehyde	**8315**	50 U	--	50 U	50 U	50 U
Formaldehyde	**8315A**	--	--	--	--	--
Hexachlorobenzene	**8270C**	0.63 U	2.9 U	0.62 U	--	0.63 U
Hexachlorobutadiene	**8270C**	3.2 U	3.9 U	3.1 U	--	3.1 U
Hexachlorocyclopentadiene	**8270C**	9.6 U	4.9 UJ	1.4 U	--	1.5 U
Hexachloroethane	**8270C**	2 U	3.4 U	2 U	--	2 U
Hexachlorophene	**8151A**	--	--	--	--	--
Hexachlorophene	**8321A**	--	--	0.49 U	--	0.49 U
Hexachloropropene	**8270C**	1.9 U	9.7 U	1.9 U	--	1.9 U
Indeno(1,2,3-cd)pyrene	**8270C**	0.62 U	3.4 U	0.61 U	--	0.62 U
Indeno(1,2,3-cd)pyrene	**8270C SIM**	--	--	--	--	--
Isodrin	**8270C**	1.7 U	3.4 U	1.7 U	--	1.7 U
Isophorone	**8270C**	0.2 U	2.9 U	0.2 U	--	0.2 U
Isosafrole	**8270C**	0.96 U	5.8 U	0.95 U	--	0.95 U
m+pCresol	**8270C**	--	2.9 U	--	--	--
m-Cresol	**8270C**	0.24 U	--	0.24 U	--	0.24 U
Methapyrilene	**8270C**	19 U	3.9 UJ	19 U	--	19 U
Methylmethanesulfonate	**8270C**	0.96 U	4.9 U	0.95 U	--	0.95 U
Naphthalene	**8270C**	0.28 U	2.9 U	0.27 U	--	0.28 U
Naphthalene	**8270C SIM**	--	--	--	--	--
Nitrobenzene	**8270C**	0.78 U	2.9 U	0.77 U	0.77 U	0.77 U
n-Nitrosodiethylamine	**8270C**	1.7 U	2.9 U	1.6 U	--	1.6 U
n-Nitrosodimethylamine	**1625M**	0.0063	--	0.005 U	0.005 U	0.042
n-Nitrosodimethylamine	**8270C**	0.28 U	2.4 U	0.27 U	--	0.28 U
n-Nitrosodimethylamine	**8270C SIM**	--	--	--	--	--
n-Nitrosodi-n-butylamine	**8270C**	1.2 U	4.4 U	1.2 U	--	1.2 U
n-Nitrosodi-n-propylamine	**8270C**	0.34 U	3.4 U	0.33 U	--	0.33 U
n-Nitrosodiphenylamine	**8270C**	0.42 U	--	0.42 U	--	0.42 U
n-Nitrosodiphenylamine as Diphenylamine	**8270C**	--	1.9 U	--	--	--
n-Nitrosomethylethylamine	**8270C**	1.7 U	2.4 U	1.7 U	--	1.7 U
n-Nitrosomorpholine	**8270C**	1.9 U	3.9 U	1.9 U	--	1.9 U
n-Nitrosopiperidine	**8270C**	1.9 U	3.9 U	1.9 U	--	1.9 U
n-Nitrosopyrrolidine	**8270C**	0.77 U	3.9 U	0.76 U	--	0.76 U
o,o,o-Triethylphosphorothioate	**8270C**	1.9 U	4.4 U	1.9 U	--	1.9 U
o-Cresol	**8270C**	0.94 U	2.9 U	0.93 U	--	0.93 U
o-Tolidine	**8270C**	3.8 U	6.8 U	3.8 U	--	3.8 U
o-Toluidine	**8270C**	1.3 U	2.4 U	1.3 U	--	1.3 U
p-Chloroaniline	**8270C**	2.1 U	1.9 U	2 U	--	2 U
p-Chloro-m-cresol	**8270C**	2.3 U	2.4 U	2.3 U	--	2.3 U
p-Cresol	**8270C**	0.24 U	--	0.24 U	--	0.24 U
p-Dimethylaminoazobenzene	**8270C**	1.9 U	3.9 U	1.9 U	--	1.9 U
Pentachlorobenzene	**8270C**	1.9 U	2.9 U	1.9 U	--	1.9 U
Pentachloroethane	**8270C**	1.9 U	1.9 U	1.9 U	--	1.9 U
Pentachloronitrobenzene	**8270C**	1.9 U	2.4 U	1.9 U	--	1.9 U
Pentachlorophenol	**8270C**	--	--	0.8 U	--	0.76 U
Phenacetin	**8270C**	1 U	3.4 U	1 U	--	1 U
Phenanthrene	**8270C**	0.25 U	3.4 U	0.25 U	--	0.25 U
Phenanthrene	**8270C SIM**	--	--	--	--	--
Phenol	**8270C**	1.9 U	1.9 U	1.9 U	--	1.9 U
p-Nitroaniline	**8270C**	1.9 U	3.9 U	1.9 U	--	1.9 U
p-Phenylenediamine	**8270C**	4.8 U	24 UJ	4.7 U	--	4.8 U
Pronamide	**8270C**	1.9 U	4.9 U	1.9 U	--	1.9 U
Pyrene	**8270C**	0.36 U	3.9 U	0.35 U	--	0.35 U
Pyrene	**8270C SIM**	--	--	--	--	--
Pyridine	**8270C**	1.6 U	2.4 U	1.6 U	--	1.6 U
Safrole	**8270C**	1.1 U	3.9 U	1.1 U	--	1.1 U
sym-Trinitrobenzene	**8270C**	3.8 U	2.4 UJ	3.8 U	--	3.8 U
Tetraethyldithiopyrophosphate	**8270C**	--	--	--	--	--

TABLE 13
SEMI-VOLATILE ORGANIC COMPOUNDS ANALYTICAL RESULTS, 2012
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

	Well Identifier:	HAR-21	HAR-21	HAR-23	HAR-23	HAR-23
	SampleType:	Field Duplicate	Primary	Primary	Field Duplicate	Primary
	Sample Name:	HAR-21_012512_36	HAR-21_071612_01	HAR-23_021012_01	HAR-23_021012_36	HAR-23_072412_01
	Groundwater Unit:	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth
	Lab Name:	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
	Collection Date:	1/25/2012	7/16/2012	2/10/2012	2/10/2012	7/24/2012
Analyte (µg/L)	**Method**					
1,2,4,5-Tetrachlorobenzene	**8270C**	--	--	--	--	--
1,2,4-Trichlorobenzene	**8270C**	--	--	0.27 U	--	0.26 U
1,2-Dichlorobenzene	**8270C**	--	--	--	--	--
1,3-Dichlorobenzene	**8270C**	--	--	--	--	--
1,3-Dinitrobenzene	**8270C**	--	2 U	1.9 U	--	1.9 U
1,4-Dichlorobenzene	**8270C**	--	--	--	--	--
1,4-Naphthoquinone	**8270C**	--	--	--	--	--
1-Methylnaphthalene	**8270C SIM**	--	--	--	--	--
2,3,4,6-Tetrachlorophenol	**8270C**	--	--	--	--	--
2,4,5-Trichlorophenol	**8270C**	--	--	--	--	--
2,4,6-Trichlorophenol	**8270C**	--	--	0.28 U	--	0.27 U
2,4-Dichlorophenol	**8270C**	--	--	0.62 U	--	0.6 U
2,4-Dimethylphenol	**8270C**	--	--	0.56 U	--	0.55 U
2,4-Dinitrophenol	**8270C**	--	--	9.6 U	--	9.5 U
2,4-Dinitrotoluene	**8270C**	--	--	1.6 U	--	1.6 U
2,6-Dichlorophenol	**8270C**	--	--	--	--	--
2,6-Dinitrotoluene	**8270C**	--	--	1.8 U	--	1.8 U
2-Chloronaphthalene	**8270C**	--	--	0.25 U	--	0.25 U
2-Chlorophenol	**8270C**	--	--	1.9 U	--	1.9 U
2-Methylnaphthalene	**8270C**	--	--	--	--	--
2-Methylnaphthalene	**8270C SIM**	--	--	--	--	--
2-Nitroaniline	**8270C**	--	--	--	--	--
2-Nitrophenol	**8270C**	--	--	0.38 U	--	0.37 U
3,3'-Dichlorobenzidine	**8270C**	--	--	1.9 U	--	1.9 U
3-Methylcholanthrene	**8270C**	--	--	--	--	--
3-Nitroaniline	**8270C**	--	--	--	--	--
4,6-Dinitro-o-cresol	**8270C**	--	--	3.9 U	--	3.8 U
4-Aminobiphenyl	**8270C**	--	--	--	--	--
4-Bromophenylphenylether	**8270C**	--	--	0.41 U	--	0.41 U
4-Chlorophenylphenylether	**8270C**	--	--	1.6 U	--	1.6 U
4-Nitrophenol	**8270C**	--	--	1.2 U	--	1.2 U
4-Nitroquinoline-1-oxide	**8270C**	--	--	--	--	--
5-Nitro-o-toluidine	**8270C**	--	--	--	--	--
7,12-Dimethylbenz(a)anthracene	**8270C**	--	--	--	--	--
Acenaphthene	**8270C**	--	--	0.27 U	--	0.26 U
Acenaphthene	**8270C SIM**	--	--	--	--	--
Acenaphthylene	**8270C**	--	--	0.47 U	--	0.46 U
Acenaphthylene	**8270C SIM**	--	--	--	--	--
Acetamidofluorene	**8270C**	--	--	--	--	--
Acetophenone	**8270C**	--	--	--	--	--
alpha,alpha-Dimethylphenethylamine	**8270C**	--	--	--	--	--
alpha-Naphthylamine	**8270C**	--	--	--	--	--
alpha-Picoline	**8270C**	--	--	--	--	--
Aniline	**8270C**	--	--	--	--	--
Anthracene	**8270C**	--	--	0.4 U	--	0.4 U
Anthracene	**8270C SIM**	--	--	--	--	--
Aramite	**8270C**	--	--	--	--	--
Benzidine	**8270C**	--	--	48 U	--	47 U
Benzo(a)anthracene	**8270C**	--	--	0.34 U	--	0.33 U
Benzo(a)anthracene	**8270C SIM**	--	--	--	--	--
Benzo(a)pyrene	**8270C**	--	--	0.3 U	--	0.29 U
Benzo(a)pyrene	**8270C SIM**	--	--	--	--	--
Benzo(b)fluoranthene	**8270C**	--	--	0.51 U	--	0.5 U
Benzo(b)fluoranthene	**8270C SIM**	--	--	--	--	--
Benzo(ghi)perylene	**8270C**	--	--	0.48 U	--	0.47 U
Benzo(ghi)perylene	**8270C SIM**	--	--	--	--	--
Benzo(k)fluoranthene	**8270C**	--	--	0.44 U	--	0.43 U
Benzo(k)fluoranthene	**8270C SIM**	--	--	--	--	--
Benzoicacid	**8270C**	--	--	--	--	--
Benzylalcohol	**8270C**	--	--	--	--	--
beta-Naphthylamine	**8270C**	--	--	--	--	--
bis(2-Chloroethoxy)methane	**8270C**	--	--	0.93 U	--	0.92 U
bis(2-Chloroethyl)ether	**8270C**	--	--	0.39 U	--	0.39 U
bis(2-Chloroisopropyl)ether	**8270C**	--	--	0.27 U	--	0.26 U
bis(2-Ethylhexyl)phthalate	**8270C**	--	0.56 U	4.5 J	--	0.53 U
bis(2-Ethylhexyl)phthalate	**8270C SIM**	--	--	--	--	--
Butylbenzylphthalate	**8270C**	--	1 U	0.96 U	--	0.95 U
Butylbenzylphthalate	**8270C SIM**	--	--	--	--	--
Chrysene	**8270C**	--	--	0.52 U	--	0.51 U
Chrysene	**8270C SIM**	--	--	--	--	--
Dibenzo(a,h)anthracene	**8270C**	--	--	0.49 U	--	0.48 U
Dibenzo(a,h)anthracene	**8270C SIM**	--	--	--	--	--
Dibenzofuran	**8270C**	--	--	--	--	--

TABLE 13
SEMI-VOLATILE ORGANIC COMPOUNDS ANALYTICAL RESULTS, 2012
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

	Well Identifier:	HAR-21	HAR-21	HAR-23	HAR-23	HAR-23
	SampleType:	Field Duplicate	Primary	Primary	Field Duplicate	Primary
	Sample Name:	HAR-21_012512_36	HAR-21_071612_01	HAR-23_021012_01	HAR-23_021012_36	HAR-23_072412_01
	Groundwater Unit:	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth
	Lab Name:	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
	Collection Date:	1/25/2012	7/16/2012	2/10/2012	2/10/2012	7/24/2012
Analyte (µg/L)	**Method**					
Diethylphthalate	**8270C**	--	0.38 U	0.37 U	--	0.36 U
Diethylphthalate	**8270C SIM**	--	--	--	--	--
Dimethylphthalate	**8270C**	--	0.21 U	0.2 U	--	0.2 U
Dimethylphthalate	**8270C SIM**	--	--	--	--	--
Di-n-butylphthalate	**8270C**	--	1.2 U	1.1 U	--	1.1 U
Di-n-butylphthalate	**8270C SIM**	--	--	--	--	--
Di-n-octylphthalate	**8270C**	--	0.35 U	1.9 J	--	0.33 U
Di-n-octylphthalate	**8270C SIM**	--	--	--	--	--
Diphenylamine	**8270C**	--	--	--	--	--
Ethylmethanesulfonate	**8270C**	--	--	--	--	--
Famphur	**8270C**	--	--	--	--	--
Fluoranthene	**8270C**	--	--	0.19 U	--	0.19 U
Fluoranthene	**8270C SIM**	--	--	--	--	--
Fluorene	**8270C**	--	--	0.3 U	--	0.29 U
Fluorene	**8270C SIM**	--	--	--	--	--
Formaldehyde	**8315**	--	17 J	50 U	--	50 U
Formaldehyde	**8315A**	--	--	--	--	--
Hexachlorobenzene	**8270C**	--	--	0.64 U	--	0.62 U
Hexachlorobutadiene	**8270C**	--	--	3.2 U	--	3.1 U
Hexachlorocyclopentadiene	**8270C**	--	--	--	--	--
Hexachloroethane	**8270C**	--	--	2 U	--	2 U
Hexachlorophene	**8151A**	--	--	--	--	--
Hexachlorophene	**8321A**	--	--	--	--	--
Hexachloropropene	**8270C**	--	--	--	--	--
Indeno(1,2,3-cd)pyrene	**8270C**	--	--	0.63 U	--	0.61 U
Indeno(1,2,3-cd)pyrene	**8270C SIM**	--	--	--	--	--
Isodrin	**8270C**	--	--	1.7 U	--	1.7 U
Isophorone	**8270C**	--	--	0.2 U	--	0.2 U
Isosafrole	**8270C**	--	--	--	--	--
m+pCresol	**8270C**	--	--	--	--	--
m-Cresol	**8270C**	--	--	--	--	--
Methapyrilene	**8270C**	--	--	--	--	--
Methylmethanesulfonate	**8270C**	--	--	--	--	--
Naphthalene	**8270C**	--	--	0.45 J	--	0.27 U
Naphthalene	**8270C SIM**	--	--	--	--	--
Nitrobenzene	**8270C**	--	0.81 U	0.78 U	--	0.77 U
n-Nitrosodiethylamine	**8270C**	--	--	--	--	--
n-Nitrosodimethylamine	**1625M**	0.04	0.038	0.024	0.023	0.018
n-Nitrosodimethylamine	**8270C**	--	--	0.28 U	--	0.27 U
n-Nitrosodimethylamine	**8270C SIM**	--	--	--	--	--
n-Nitrosodi-n-butylamine	**8270C**	--	--	--	--	--
n-Nitrosodi-n-propylamine	**8270C**	--	--	0.34 U	--	0.33 U
n-Nitrosodiphenylamine	**8270C**	--	--	--	--	--
n-Nitrosodiphenylamine as Diphenylamine	**8270C**	--	--	0.42 U	--	0.42 U
n-Nitrosomethylethylamine	**8270C**	--	--	--	--	--
n-Nitrosomorpholine	**8270C**	--	--	--	--	--
n-Nitrosopiperidine	**8270C**	--	--	--	--	--
n-Nitrosopyrrolidine	**8270C**	--	--	--	--	--
o,o,o-Triethylphosphorothioate	**8270C**	--	--	--	--	--
o-Cresol	**8270C**	--	--	--	--	--
o-Tolidine	**8270C**	--	--	--	--	--
o-Toluidine	**8270C**	--	--	--	--	--
p-Chloroaniline	**8270C**	--	--	--	--	--
p-Chloro-m-cresol	**8270C**	--	--	2.3 U	--	2.3 U
p-Cresol	**8270C**	--	--	--	--	--
p-Dimethylaminoazobenzene	**8270C**	--	--	--	--	--
Pentachlorobenzene	**8270C**	--	--	--	--	--
Pentachloroethane	**8270C**	--	--	--	--	--
Pentachloronitrobenzene	**8270C**	--	--	--	--	--
Pentachlorophenol	**8270C**	--	--	--	--	--
Phenacetin	**8270C**	--	--	--	--	--
Phenanthrene	**8270C**	--	--	0.25 U	--	0.25 U
Phenanthrene	**8270C SIM**	--	--	--	--	--
Phenol	**8270C**	--	--	1.9 U	--	1.9 U
p-Nitroaniline	**8270C**	--	--	--	--	--
p-Phenylenediamine	**8270C**	--	--	--	--	--
Pronamide	**8270C**	--	--	--	--	--
Pyrene	**8270C**	--	--	--	--	--
Pyrene	**8270C SIM**	--	--	--	--	--
Pyridine	**8270C**	--	--	--	--	--
Safrole	**8270C**	--	--	--	--	--
sym-Trinitrobenzene	**8270C**	--	--	--	--	--
Tetraethyldithiopyrophosphate	**8270C**	--	--	--	--	--

TABLE 13
SEMI-VOLATILE ORGANIC COMPOUNDS ANALYTICAL RESULTS, 2012
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		HAR-25	HAR-25	HAR-26	HAR-26	HAR-26
SampleType:		Primary	Primary	Primary	Primary	Field Duplicate
Sample Name:		HAR-25_021012_01	HAR-25_080112_01	HAR-26_020912_01	HAR-26_073112_01	HAR-26_073112_36
Groundwater Unit:		Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth
Lab Name:		TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
Collection Date:		2/10/2012	8/1/2012	2/9/2012	7/31/2012	7/31/2012
Analyte (µg/L)	**Method**					
1,2,4,5-Tetrachlorobenzene	**8270C**	--	--	1.7 U	--	--
1,2,4-Trichlorobenzene	**8270C**	--	--	0.27 U	--	--
1,2-Dichlorobenzene	**8270C**	--	--	--	--	--
1,3-Dichlorobenzene	**8270C**	--	--	0.29 U	--	--
1,3-Dinitrobenzene	**8270C**	2 U	1.9 U	1.9 U	1.9 U	--
1,4-Dichlorobenzene	**8270C**	--	--	--	--	--
1,4-Naphthoquinone	**8270C**	--	--	13 UJ	--	--
1-Methylnaphthalene	**8270C SIM**	--	--	--	--	--
2,3,4,6-Tetrachlorophenol	**8270C**	--	--	1.9 U	--	--
2,4,5-Trichlorophenol	**8270C**	--	--	0.43 U	--	--
2,4,6-Trichlorophenol	**8270C**	--	--	0.28 U	--	--
2,4-Dichlorophenol	**8270C**	--	--	0.61 U	--	--
2,4-Dimethylphenol	**8270C**	--	--	0.55 U	--	--
2,4-Dinitrophenol	**8270C**	--	--	9.5 U	--	--
2,4-Dinitrotoluene	**8270C**	--	--	1.6 U	--	--
2,6-Dichlorophenol	**8270C**	--	--	1.3 U	--	--
2,6-Dinitrotoluene	**8270C**	--	--	1.8 U	--	--
2-Chloronaphthalene	**8270C**	--	--	0.25 U	--	--
2-Chlorophenol	**8270C**	--	--	1.9 U	--	--
2-Methylnaphthalene	**8270C**	--	--	0.28 U	--	--
2-Methylnaphthalene	**8270C SIM**	--	--	--	--	--
2-Nitroaniline	**8270C**	--	--	1.7 U	--	--
2-Nitrophenol	**8270C**	--	--	0.37 U	--	--
3,3'-Dichlorobenzidine	**8270C**	--	--	1.9 U	--	--
3-Methylcholanthrene	**8270C**	--	--	1.6 U	--	--
3-Nitroaniline	**8270C**	--	--	1.9 U	--	--
4,6-Dinitro-o-cresol	**8270C**	--	--	3.8 U	--	--
4-Aminobiphenyl	**8270C**	--	--	4.3 U	--	--
4-Bromophenylphenylether	**8270C**	--	--	0.41 U	--	--
4-Chlorophenylphenylether	**8270C**	--	--	1.6 U	--	--
4-Nitrophenol	**8270C**	--	--	1.2 U	--	--
4-Nitroquinoline-1-oxide	**8270C**	--	--	19 U	--	--
5-Nitro-o-toluidine	**8270C**	--	--	1.3 U	--	--
7,12-Dimethylbenz(a)anthracene	**8270C**	--	--	1.5 U	--	--
Acenaphthene	**8270C**	--	--	0.27 U	--	--
Acenaphthene	**8270C SIM**	--	--	--	--	--
Acenaphthylene	**8270C**	--	--	0.47 U	--	--
Acenaphthylene	**8270C SIM**	--	--	--	--	--
Acetamidofluorene	**8270C**	--	--	6.7 U	--	--
Acetophenone	**8270C**	--	--	0.23 U	--	--
alpha,alpha-Dimethylphenethylamine	**8270C**	--	--	19 U	--	--
alpha-Naphthylamine	**8270C**	--	--	3 U	--	--
alpha-Picoline	**8270C**	--	--	1.1 UJ	--	--
Aniline	**8270C**	--	--	1.9 U	--	--
Anthracene	**8270C**	--	--	0.4 U	0.4 U	--
Anthracene	**8270C SIM**	--	--	--	--	--
Aramite	**8270C**	--	--	8.8 U	--	--
Benzidine	**8270C**	--	--	--	--	--
Benzo(a)anthracene	**8270C**	--	--	0.33 U	--	--
Benzo(a)anthracene	**8270C SIM**	--	--	--	--	--
Benzo(a)pyrene	**8270C**	--	--	0.3 U	--	--
Benzo(a)pyrene	**8270C SIM**	--	--	--	--	--
Benzo(b)fluoranthene	**8270C**	--	--	0.51 U	--	--
Benzo(b)fluoranthene	**8270C SIM**	--	--	--	--	--
Benzo(ghi)perylene	**8270C**	--	--	0.48 U	--	--
Benzo(ghi)perylene	**8270C SIM**	--	--	--	--	--
Benzo(k)fluoranthene	**8270C**	--	--	0.44 U	--	--
Benzo(k)fluoranthene	**8270C SIM**	--	--	--	--	--
Benzoicacid	**8270C**	--	--	--	--	--
Benzylalcohol	**8270C**	--	--	0.22 U	--	--
beta-Naphthylamine	**8270C**	--	--	2.9 U	--	--
bis(2-Chloroethoxy)methane	**8270C**	--	--	0.93 U	--	--
bis(2-Chloroethyl)ether	**8270C**	--	--	0.39 U	--	--
bis(2-Chloroisopropyl)ether	**8270C**	--	--	0.27 U	--	--
bis(2-Ethylhexyl)phthalate	**8270C**	0.56 U	9.5 U	0.53 U	9.6 U	9.5 U
bis(2-Ethylhexyl)phthalate	**8270C SIM**	--	--	--	--	--
Butylbenzylphthalate	**8270C**	1 U	0.95 U	0.95 U	0.96 U	0.95 U
Butylbenzylphthalate	**8270C SIM**	--	--	--	--	--
Chrysene	**8270C**	--	--	0.52 U	--	--
Chrysene	**8270C SIM**	--	--	--	--	--
Dibenzo(a,h)anthracene	**8270C**	--	--	0.49 U	--	--
Dibenzo(a,h)anthracene	**8270C SIM**	--	--	--	--	--
Dibenzofuran	**8270C**	--	--	0.28 U	--	--

TABLE 13
SEMI-VOLATILE ORGANIC COMPOUNDS ANALYTICAL RESULTS, 2012
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		HAR-25	HAR-25	HAR-26	HAR-26	HAR-26
SampleType:		Primary	Primary	Primary	Primary	Field Duplicate
Sample Name:		HAR-25_021012_01	HAR-25_080112_01	HAR-26_020912_01	HAR-26_073112_01	HAR-26_073112_36
Groundwater Unit:		Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth
Lab Name:		TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
Collection Date:		2/10/2012	8/1/2012	2/9/2012	7/31/2012	7/31/2012
Analyte (µg/L)	**Method**					
Diethylphthalate	**8270C**	0.38 U	0.36 U	0.54 J	8.2 J	5.6 J
Diethylphthalate	**8270C SIM**	--	--	--	--	--
Dimethylphthalate	**8270C**	0.21 U	0.2 U	0.2 U	0.2 U	0.2 U
Dimethylphthalate	**8270C SIM**	--	--	--	--	--
Di-n-butylphthalate	**8270C**	1.2 U	1.1 U	1.1 U	1.1 U	1.1 U
Di-n-butylphthalate	**8270C SIM**	--	--	--	--	--
Di-n-octylphthalate	**8270C**	0.35 U	0.33 U	0.33 U	0.34 U	0.33 U
Di-n-octylphthalate	**8270C SIM**	--	--	--	--	--
Diphenylamine	**8270C**	--	--	1 U	--	--
Ethylmethanesulfonate	**8270C**	--	--	0.9 U	--	--
Famphur	**8270C**	--	--	--	--	--
Fluoranthene	**8270C**	--	--	0.19 U	--	--
Fluoranthene	**8270C SIM**	--	--	--	--	--
Fluorene	**8270C**	--	--	0.3 U	--	--
Fluorene	**8270C SIM**	--	--	--	--	--
Formaldehyde	**8315**	50 U	50 UJ	13 J	50 UJ	--
Formaldehyde	**8315A**	--	--	--	--	--
Hexachlorobenzene	**8270C**	--	--	0.63 U	--	--
Hexachlorobutadiene	**8270C**	--	--	3.1 U	--	--
Hexachlorocyclopentadiene	**8270C**	--	--	1.5 U	--	--
Hexachloroethane	**8270C**	--	--	2 U	--	--
Hexachlorophene	**8151A**	--	--	--	--	--
Hexachlorophene	**8321A**	--	--	0.49 U	--	--
Hexachloropropene	**8270C**	--	--	1.9 U	--	--
Indeno(1,2,3-cd)pyrene	**8270C**	--	--	0.62 U	--	--
Indeno(1,2,3-cd)pyrene	**8270C SIM**	--	--	--	--	--
Isodrin	**8270C**	--	--	1.7 U	--	--
Isophorone	**8270C**	--	--	0.2 U	--	--
Isosafrole	**8270C**	--	--	0.95 U	--	--
m+pCresol	**8270C**	--	--	--	--	--
m-Cresol	**8270C**	--	--	0.24 U	--	--
Methapyrilene	**8270C**	--	--	19 U	--	--
Methylmethanesulfonate	**8270C**	--	--	0.95 UJ	--	--
Naphthalene	**8270C**	--	--	0.28 U	--	--
Naphthalene	**8270C SIM**	--	--	--	--	--
Nitrobenzene	**8270C**	0.81 U	0.77 U	0.77 U	0.78 U	--
n-Nitrosodiethylamine	**8270C**	--	--	1.7 U	--	--
n-Nitrosodimethylamine	**1625M**	0.005 U	0.005 U	0.005 U	0.005 U	--
n-Nitrosodimethylamine	**8270C**	--	--	0.28 U	--	--
n-Nitrosodimethylamine	**8270C SIM**	--	--	--	--	--
n-Nitrosodi-n-butylamine	**8270C**	--	--	1.2 U	--	--
n-Nitrosodi-n-propylamine	**8270C**	--	--	0.33 U	--	--
n-Nitrosodiphenylamine	**8270C**	--	--	0.42 U	--	--
n-Nitrosodiphenylamine as Diphenylamine	**8270C**	--	--	--	--	--
n-Nitrosomethylethylamine	**8270C**	--	--	1.7 U	--	--
n-Nitrosomorpholine	**8270C**	--	--	1.9 U	--	--
n-Nitrosopiperidine	**8270C**	--	--	1.9 U	--	--
n-Nitrosopyrrolidine	**8270C**	--	--	0.77 U	--	--
o,o,o-Triethylphosphorothioate	**8270C**	--	--	1.9 U	--	--
o-Cresol	**8270C**	--	--	0.94 U	--	--
o-Tolidine	**8270C**	--	--	3.8 U	--	--
o-Toluidine	**8270C**	--	--	1.3 U	--	--
p-Chloroaniline	**8270C**	--	--	2 U	--	--
p-Chloro-m-cresol	**8270C**	--	--	2.3 U	--	--
p-Cresol	**8270C**	--	--	0.24 U	--	--
p-Dimethylaminoazobenzene	**8270C**	--	--	1.9 U	--	--
Pentachlorobenzene	**8270C**	--	--	1.9 U	--	--
Pentachloroethane	**8270C**	--	--	1.9 U	--	--
Pentachloronitrobenzene	**8270C**	--	--	1.9 U	--	--
Pentachlorophenol	**8270C**	--	--	0.76 U	--	--
Phenacetin	**8270C**	--	--	1 U	--	--
Phenanthrene	**8270C**	--	--	0.25 U	--	--
Phenanthrene	**8270C SIM**	--	--	--	--	--
Phenol	**8270C**	--	--	1.9 U	--	--
p-Nitroaniline	**8270C**	--	--	1.9 U	--	--
p-Phenylenediamine	**8270C**	--	--	4.8 UJ	--	--
Pronamide	**8270C**	--	--	1.9 U	--	--
Pyrene	**8270C**	--	--	0.35 U	--	--
Pyrene	**8270C SIM**	--	--	--	--	--
Pyridine	**8270C**	--	--	1.6 U	--	--
Safrole	**8270C**	--	--	1.1 U	--	--
sym-Trinitrobenzene	**8270C**	--	--	3.8 U	--	--
Tetraethyldithiopyrophosphate	**8270C**	--	--	--	--	--

TABLE 13
SEMI-VOLATILE ORGANIC COMPOUNDS ANALYTICAL RESULTS, 2012
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

	Well Identifier:	HAR-26	HAR-27	HAR-27	HAR-27	HAR-28
	SampleType:	Split	Primary	Field Duplicate	Primary	Primary
	Sample Name:	HAR-26_073112_03	HAR-27_012712_01	HAR-27_012712_36	HAR-27_072712_01	HAR-28_012712_01
	Groundwater Unit:	Chatsworth	Shallow	Shallow	Shallow	Shallow
	Lab Name:	TA- Irvine	TA- Denver	TA- Denver	TA- Denver	TA- Denver
	Collection Date:	7/31/2012	1/27/2012	1/27/2012	7/27/2012	1/27/2012
Analyte (µg/L)	**Method**					
1,2,4,5-Tetrachlorobenzene	**8270C**	--	1.7 U	--	--	1.7 U
1,2,4-Trichlorobenzene	**8270C**	--	0.27 U	--	--	0.27 U
1,2-Dichlorobenzene	**8270C**	--	--	--	--	--
1,3-Dichlorobenzene	**8270C**	--	0.29 U	--	--	0.29 U
1,3-Dinitrobenzene	**8270C**	--	1.9 U	--	1.9 U	1.9 U
1,4-Dichlorobenzene	**8270C**	--	--	--	--	--
1,4-Naphthoquinone	**8270C**	--	13 U	--	--	13 U
1-Methylnaphthalene	**8270C SIM**	--	--	--	--	--
2,3,4,6-Tetrachlorophenol	**8270C**	--	1.9 U	--	--	1.9 U
2,4,5-Trichlorophenol	**8270C**	--	0.44 U	--	--	0.43 U
2,4,6-Trichlorophenol	**8270C**	--	0.28 U	--	--	0.28 U
2,4-Dichlorophenol	**8270C**	--	0.62 U	--	--	0.62 U
2,4-Dimethylphenol	**8270C**	--	0.56 U	--	--	0.56 U
2,4-Dinitrophenol	**8270C**	--	9.7 U	--	--	9.7 U
2,4-Dinitrotoluene	**8270C**	--	1.6 U	--	--	1.6 U
2,6-Dichlorophenol	**8270C**	--	1.3 U	--	--	1.3 U
2,6-Dinitrotoluene	**8270C**	--	1.8 U	--	--	1.8 U
2-Chloronaphthalene	**8270C**	--	0.25 U	--	--	0.25 U
2-Chlorophenol	**8270C**	--	1.9 U	--	--	1.9 U
2-Methylnaphthalene	**8270C**	--	0.28 U	--	--	0.28 U
2-Methylnaphthalene	**8270C SIM**	--	--	--	--	--
2-Nitroaniline	**8270C**	--	1.7 U	--	--	1.7 U
2-Nitrophenol	**8270C**	--	0.38 U	--	--	0.38 U
3,3'-Dichlorobenzidine	**8270C**	--	1.9 U	--	--	1.9 U
3-Methylcholanthrene	**8270C**	--	1.7 U	--	--	1.6 U
3-Nitroaniline	**8270C**	--	1.9 U	--	--	1.9 U
4,6-Dinitro-o-cresol	**8270C**	--	3.9 U	--	--	3.9 U
4-Aminobiphenyl	**8270C**	--	4.4 U	--	--	4.3 U
4-Bromophenylphenylether	**8270C**	--	0.42 U	--	--	0.41 U
4-Chlorophenylphenylether	**8270C**	--	1.6 U	--	--	1.6 U
4-Nitrophenol	**8270C**	--	1.2 U	--	--	1.2 U
4-Nitroquinoline-1-oxide	**8270C**	--	19 U	--	--	19 U
5-Nitro-o-toluidine	**8270C**	--	1.4 U	--	--	1.4 U
7,12-Dimethylbenz(a)anthracene	**8270C**	--	1.5 U	--	--	1.5 U
Acenaphthene	**8270C**	--	0.27 U	--	--	0.27 U
Acenaphthene	**8270C SIM**	--	--	--	--	--
Acenaphthylene	**8270C**	--	0.48 U	--	--	0.47 U
Acenaphthylene	**8270C SIM**	--	--	--	--	--
Acetamidofluorene	**8270C**	--	6.8 U	--	--	6.7 U
Acetophenone	**8270C**	--	0.23 U	--	--	0.23 U
alpha,alpha-Dimethylphenethylamine	**8270C**	--	19 U	--	--	19 U
alpha-Naphthylamine	**8270C**	--	3 U	--	--	3 U
alpha-Picoline	**8270C**	--	1.2 U	--	--	1.2 U
Aniline	**8270C**	--	1.9 U	--	--	1.9 U
Anthracene	**8270C**	--	0.41 U	--	--	0.41 U
Anthracene	**8270C SIM**	--	--	--	--	--
Aramite	**8270C**	--	8.9 U	--	--	8.9 U
Benzidine	**8270C**	--	--	--	--	--
Benzo(a)anthracene	**8270C**	--	0.34 U	--	--	0.34 U
Benzo(a)anthracene	**8270C SIM**	--	--	--	--	--
Benzo(a)pyrene	**8270C**	--	0.3 U	--	--	0.3 U
Benzo(a)pyrene	**8270C SIM**	--	--	--	--	--
Benzo(b)fluoranthene	**8270C**	--	0.52 U	--	--	0.51 U
Benzo(b)fluoranthene	**8270C SIM**	--	--	--	--	--
Benzo(ghi)perylene	**8270C**	--	0.49 U	--	--	0.48 U
Benzo(ghi)perylene	**8270C SIM**	--	--	--	--	--
Benzo(k)fluoranthene	**8270C**	--	0.45 U	--	--	0.44 U
Benzo(k)fluoranthene	**8270C SIM**	--	--	--	--	--
Benzoicacid	**8270C**	--	--	--	--	--
Benzylalcohol	**8270C**	--	0.22 U	--	--	0.22 U
beta-Naphthylamine	**8270C**	--	3 U	--	--	3 U
bis(2-Chloroethoxy)methane	**8270C**	--	0.94 U	--	--	0.94 U
bis(2-Chloroethyl)ether	**8270C**	--	0.4 U	--	--	0.4 U
bis(2-Chloroisopropyl)ether	**8270C**	--	0.27 U	--	--	0.27 U
bis(2-Ethylhexyl)phthalate	**8270C**	3.9 U	0.54 U	--	--	0.54 U
bis(2-Ethylhexyl)phthalate	**8270C SIM**	--	--	--	--	--
Butylbenzylphthalate	**8270C**	3.9 U	0.97 U	--	--	0.97 U
Butylbenzylphthalate	**8270C SIM**	--	--	--	--	--
Chrysene	**8270C**	--	0.52 U	--	--	0.52 U
Chrysene	**8270C SIM**	--	--	--	--	--
Dibenzo(a,h)anthracene	**8270C**	--	0.5 U	--	--	0.49 U
Dibenzo(a,h)anthracene	**8270C SIM**	--	--	--	--	--
Dibenzofuran	**8270C**	--	0.28 U	--	--	0.28 U

TABLE 13
SEMI-VOLATILE ORGANIC COMPOUNDS ANALYTICAL RESULTS, 2012
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

	Well Identifier:	HAR-26	HAR-27	HAR-27	HAR-27	HAR-28
	SampleType:	Split	Primary	Field Duplicate	Primary	Primary
	Sample Name:	HAR-26_073112_03	HAR-27_012712_01	HAR-27_012712_36	HAR-27_072712_01	HAR-28_012712_01
	Groundwater Unit:	Chatsworth	Shallow	Shallow	Shallow	Shallow
	Lab Name:	TA- Irvine	TA- Denver	TA- Denver	TA- Denver	TA- Denver
	Collection Date:	7/31/2012	1/27/2012	1/27/2012	7/27/2012	1/27/2012
Analyte (µg/L)	**Method**					
Diethylphthalate	**8270C**	4.8 J	0.37 U	--	--	0.37 U
Diethylphthalate	**8270C SIM**	--	--	--	--	--
Dimethylphthalate	**8270C**	2.4 U	0.2 U	--	--	0.2 U
Dimethylphthalate	**8270C SIM**	--	--	--	--	--
Di-n-butylphthalate	**8270C**	2.9 U	1.1 U	--	--	1.1 U
Di-n-butylphthalate	**8270C SIM**	--	--	--	--	--
Di-n-octylphthalate	**8270C**	3.4 U	0.34 U	--	--	0.34 U
Di-n-octylphthalate	**8270C SIM**	--	--	--	--	--
Diphenylamine	**8270C**	--	1 U	--	--	1 U
Ethylmethanesulfonate	**8270C**	--	0.92 U	--	--	0.91 U
Famphur	**8270C**	--	--	--	--	--
Fluoranthene	**8270C**	--	0.19 U	--	--	0.19 U
Fluoranthene	**8270C SIM**	--	--	--	--	--
Fluorene	**8270C**	--	0.3 U	--	--	0.3 U
Fluorene	**8270C SIM**	--	--	--	--	--
Formaldehyde	**8315**	--	19 J	--	50 U	12 J
Formaldehyde	**8315A**	--	--	--	--	--
Hexachlorobenzene	**8270C**	--	0.64 U	--	--	0.64 U
Hexachlorobutadiene	**8270C**	--	3.2 U	--	--	3.2 U
Hexachlorocyclopentadiene	**8270C**	--	1.5 U	--	--	1.5 U
Hexachloroethane	**8270C**	--	2 U	--	--	2 U
Hexachlorophene	**8151A**	--	--	--	--	--
Hexachlorophene	**8321A**	--	0.49 U	--	--	0.49 U
Hexachloropropene	**8270C**	--	1.9 U	--	--	1.9 U
Indeno(1,2,3-cd)pyrene	**8270C**	--	0.63 U	--	--	0.63 U
Indeno(1,2,3-cd)pyrene	**8270C SIM**	--	--	--	--	--
Isodrin	**8270C**	--	1.7 U	--	--	1.7 U
Isophorone	**8270C**	--	0.2 U	--	--	0.2 U
Isosafrole	**8270C**	--	0.97 U	--	--	0.97 U
m+pCresol	**8270C**	--	--	--	--	--
m-Cresol	**8270C**	--	0.24 U	--	--	0.24 U
Methapyrilene	**8270C**	--	19 U	--	--	19 U
Methylmethanesulfonate	**8270C**	--	0.97 U	--	--	0.97 U
Naphthalene	**8270C**	--	0.28 U	--	--	0.28 U
Naphthalene	**8270C SIM**	--	--	--	--	--
Nitrobenzene	**8270C**	--	0.79 U	--	0.78 U	0.78 U
n-Nitrosodiethylamine	**8270C**	--	1.7 U	--	--	1.7 U
n-Nitrosodimethylamine	**1625M**	--	0.021	0.005 U	0.005 U	0.005 U
n-Nitrosodimethylamine	**8270C**	--	0.28 U	--	--	0.28 U
n-Nitrosodimethylamine	**8270C SIM**	--	--	--	--	--
n-Nitrosodi-n-butylamine	**8270C**	--	1.2 U	--	--	1.2 U
n-Nitrosodi-n-propylamine	**8270C**	--	0.34 U	--	--	0.34 U
n-Nitrosodiphenylamine	**8270C**	--	0.43 U	--	--	0.42 U
n-Nitrosodiphenylamine as Diphenylamine	**8270C**	--	--	--	--	--
n-Nitrosomethylethylamine	**8270C**	--	1.7 U	--	--	1.7 U
n-Nitrosomorpholine	**8270C**	--	1.9 U	--	--	1.9 U
n-Nitrosopiperidine	**8270C**	--	1.9 U	--	--	1.9 U
n-Nitrosopyrrolidine	**8270C**	--	0.78 U	--	--	0.78 U
o,o,o-Triethylphosphorothioate	**8270C**	--	1.9 U	--	--	1.9 U
o-Cresol	**8270C**	--	0.95 U	--	--	0.95 U
o-Tolidine	**8270C**	--	3.9 U	--	--	3.9 U
o-Toluidine	**8270C**	--	1.4 U	--	--	1.4 U
p-Chloroaniline	**8270C**	--	2.1 U	--	--	2.1 U
p-Chloro-m-cresol	**8270C**	--	2.3 U	--	--	2.3 U
p-Cresol	**8270C**	--	0.24 U	--	--	0.24 U
p-Dimethylaminoazobenzene	**8270C**	--	1.9 U	--	--	1.9 U
Pentachlorobenzene	**8270C**	--	1.9 U	--	--	1.9 U
Pentachloroethane	**8270C**	--	1.9 U	--	--	1.9 U
Pentachloronitrobenzene	**8270C**	--	1.9 U	--	--	1.9 U
Pentachlorophenol	**8270C**	--	0.77 U	--	--	0.79 U
Phenacetin	**8270C**	--	1 U	--	--	1 U
Phenanthrene	**8270C**	--	0.25 U	--	--	0.25 U
Phenanthrene	**8270C SIM**	--	--	--	--	--
Phenol	**8270C**	--	1.9 U	--	--	1.9 U
p-Nitroaniline	**8270C**	--	1.9 U	--	--	1.9 U
p-Phenylenediamine	**8270C**	--	4.9 U	--	--	4.8 U
Pronamide	**8270C**	--	1.9 U	--	--	1.9 U
Pyrene	**8270C**	--	0.36 U	--	--	0.36 U
Pyrene	**8270C SIM**	--	--	--	--	--
Pyridine	**8270C**	--	1.7 U	--	--	1.6 U
Safrole	**8270C**	--	1.1 U	--	--	1.1 U
sym-Trinitrobenzene	**8270C**	--	3.9 U	--	--	3.9 U
Tetraethyldithiopyrophosphate	**8270C**	--	--	--	--	--

TABLE 13
SEMI-VOLATILE ORGANIC COMPOUNDS ANALYTICAL RESULTS, 2012
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

	Well Identifier:	HAR-28	HAR-29	HAR-29	HAR-30	HAR-30
	SampleType:	Primary	Primary	Primary	Primary	Primary
	Sample Name:	HAR-28_072712_01	HAR-29_012712_01	HAR-29_072712_01	HAR-30_020712_01	HAR-30_072412_01
	Groundwater Unit:	Shallow	Shallow	Shallow	Shallow	Shallow
	Lab Name:	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
	Collection Date:	7/27/2012	1/27/2012	7/27/2012	2/7/2012	7/24/2012
Analyte (µg/L)	**Method**					
1,2,4,5-Tetrachlorobenzene	**8270C**	--	1.8 U	--	1.7 U	--
1,2,4-Trichlorobenzene	**8270C**	--	0.29 U	--	0.27 U	--
1,2-Dichlorobenzene	**8270C**	--	--	--	--	--
1,3-Dichlorobenzene	**8270C**	--	0.31 U	--	0.29 U	--
1,3-Dinitrobenzene	**8270C**	1.9 U	2.1 U	1.9 U	1.9 U	2 U
1,4-Dichlorobenzene	**8270C**	--	--	--	--	--
1,4-Naphthoquinone	**8270C**	--	14 U	--	13 U	--
1-Methylnaphthalene	**8270C SIM**	--	--	--	--	--
2,3,4,6-Tetrachlorophenol	**8270C**	--	2.1 U	--	1.9 U	--
2,4,5-Trichlorophenol	**8270C**	--	0.47 U	--	0.43 U	--
2,4,6-Trichlorophenol	**8270C**	--	0.3 U	--	0.28 U	--
2,4-Dichlorophenol	**8270C**	--	0.66 U	--	0.61 U	--
2,4-Dimethylphenol	**8270C**	--	0.6 U	--	0.56 U	--
2,4-Dinitrophenol	**8270C**	--	10 U	--	9.6 U	--
2,4-Dinitrotoluene	**8270C**	--	1.7 U	--	1.6 U	--
2,6-Dichlorophenol	**8270C**	--	1.4 U	--	1.3 U	--
2,6-Dinitrotoluene	**8270C**	--	2 U	--	1.8 U	--
2-Chloronaphthalene	**8270C**	--	0.27 U	--	0.25 U	--
2-Chlorophenol	**8270C**	--	2.1 U	--	1.9 U	--
2-Methylnaphthalene	**8270C**	--	0.3 U	--	0.28 U	--
2-Methylnaphthalene	**8270C SIM**	--	--	--	--	--
2-Nitroaniline	**8270C**	--	1.8 U	--	1.7 U	--
2-Nitrophenol	**8270C**	--	0.4 U	--	0.37 U	--
3,3'-Dichlorobenzidine	**8270C**	--	2.1 U	--	1.9 U	--
3-Methylcholanthrene	**8270C**	--	1.8 U	--	1.6 U	--
3-Nitroaniline	**8270C**	--	2.1 U	--	1.9 U	--
4,6-Dinitro-o-cresol	**8270C**	--	4.1 U	--	3.8 U	--
4-Aminobiphenyl	**8270C**	--	4.7 U	--	4.3 U	--
4-Bromophenylphenylether	**8270C**	--	0.45 U	--	0.41 U	--
4-Chlorophenylphenylether	**8270C**	--	1.7 U	--	1.6 U	--
4-Nitrophenol	**8270C**	--	1.3 U	--	1.2 U	--
4-Nitroquinoline-1-oxide	**8270C**	--	21 U	--	19 U	--
5-Nitro-o-toluidine	**8270C**	--	1.5 U	--	1.3 U	--
7,12-Dimethylbenz(a)anthracene	**8270C**	--	1.6 U	--	1.5 U	--
Acenaphthene	**8270C**	--	0.29 U	--	0.27 U	--
Acenaphthene	**8270C SIM**	--	--	--	--	--
Acenaphthylene	**8270C**	--	0.51 U	--	0.47 U	--
Acenaphthylene	**8270C SIM**	--	--	--	--	--
Acetamidofluorene	**8270C**	--	7.3 U	--	6.7 U	--
Acetophenone	**8270C**	--	0.25 U	--	0.23 U	--
alpha,alpha-Dimethylphenethylamine	**8270C**	--	21 U	--	19 U	--
alpha-Naphthylamine	**8270C**	--	3.2 U	--	3 U	--
alpha-Picoline	**8270C**	--	1.2 U	--	1.2 U	--
Aniline	**8270C**	--	2.1 U	--	1.9 U	--
Anthracene	**8270C**	--	0.44 U	--	0.4 U	--
Anthracene	**8270C SIM**	--	--	--	--	--
Aramite	**8270C**	--	9.5 U	--	8.8 U	--
Benzidine	**8270C**	--	--	--	--	--
Benzo(a)anthracene	**8270C**	--	0.36 U	--	0.34 U	--
Benzo(a)anthracene	**8270C SIM**	--	--	--	--	--
Benzo(a)pyrene	**8270C**	--	0.32 U	--	0.3 U	--
Benzo(a)pyrene	**8270C SIM**	--	--	--	--	--
Benzo(b)fluoranthene	**8270C**	--	0.55 U	--	0.51 U	--
Benzo(b)fluoranthene	**8270C SIM**	--	--	--	--	--
Benzo(ghi)perylene	**8270C**	--	0.52 U	--	0.48 U	--
Benzo(ghi)perylene	**8270C SIM**	--	--	--	--	--
Benzo(k)fluoranthene	**8270C**	--	0.48 U	--	0.44 U	--
Benzo(k)fluoranthene	**8270C SIM**	--	--	--	--	--
Benzoicacid	**8270C**	--	--	--	--	--
Benzylalcohol	**8270C**	--	0.24 U	--	0.22 U	--
beta-Naphthylamine	**8270C**	--	3.2 U	--	3 U	--
bis(2-Chloroethoxy)methane	**8270C**	--	1 U	--	0.93 U	--
bis(2-Chloroethyl)ether	**8270C**	--	0.43 U	--	0.39 U	--
bis(2-Chloroisopropyl)ether	**8270C**	--	0.29 U	--	0.27 U	--
bis(2-Ethylhexyl)phthalate	**8270C**	--	0.58 U	--	0.54 U	--
bis(2-Ethylhexyl)phthalate	**8270C SIM**	--	--	--	--	--
Butylbenzylphthalate	**8270C**	--	1 U	--	0.96 U	--
Butylbenzylphthalate	**8270C SIM**	--	--	--	--	--
Chrysene	**8270C**	--	0.56 U	--	0.52 U	--
Chrysene	**8270C SIM**	--	--	--	--	--
Dibenzo(a,h)anthracene	**8270C**	--	0.53 U	--	0.49 U	--
Dibenzo(a,h)anthracene	**8270C SIM**	--	--	--	--	--
Dibenzofuran	**8270C**	--	0.3 U	--	0.28 U	--

TABLE 13
SEMI-VOLATILE ORGANIC COMPOUNDS ANALYTICAL RESULTS, 2012
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		HAR-28	HAR-29	HAR-29	HAR-30	HAR-30
SampleType:		Primary	Primary	Primary	Primary	Primary
Sample Name:		HAR-28_072712_01	HAR-29_012712_01	HAR-29_072712_01	HAR-30_020712_01	HAR-30_072412_01
Groundwater Unit:		Shallow	Shallow	Shallow	Shallow	Shallow
Lab Name:		TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
Collection Date:		7/27/2012	1/27/2012	7/27/2012	2/7/2012	7/24/2012
Analyte (µg/L)	**Method**					
Diethylphthalate	**8270C**	--	0.39 U	--	0.36 U	--
Diethylphthalate	**8270C SIM**	--	--	--	--	--
Dimethylphthalate	**8270C**	--	0.22 U	--	0.2 U	--
Dimethylphthalate	**8270C SIM**	--	--	--	--	--
Di-n-butylphthalate	**8270C**	--	1.2 U	--	1.1 U	--
Di-n-butylphthalate	**8270C SIM**	--	--	--	--	--
Di-n-octylphthalate	**8270C**	--	0.36 U	--	0.34 U	--
Di-n-octylphthalate	**8270C SIM**	--	--	--	--	--
Diphenylamine	**8270C**	--	1.1 U	--	1 U	--
Ethylmethanesulfonate	**8270C**	--	0.98 U	--	0.9 U	--
Famphur	**8270C**	--	--	--	--	--
Fluoranthene	**8270C**	--	0.21 U	--	0.19 U	--
Fluoranthene	**8270C SIM**	--	--	--	--	--
Fluorene	**8270C**	--	0.32 U	--	0.3 U	--
Fluorene	**8270C SIM**	--	--	--	--	--
Formaldehyde	**8315**	50 U	12 J	50 U	8.4 U	50 U
Formaldehyde	**8315A**	--	--	--	--	--
Hexachlorobenzene	**8270C**	--	0.68 U	--	0.63 U	--
Hexachlorobutadiene	**8270C**	--	3.4 U	--	3.2 U	--
Hexachlorocyclopentadiene	**8270C**	--	1.6 U	--	1.5 U	--
Hexachloroethane	**8270C**	--	2.2 U	--	2 U	--
Hexachlorophene	**8151A**	--	--	--	--	--
Hexachlorophene	**8321A**	--	0.49 U	--	0.49 U	--
Hexachloropropene	**8270C**	--	2.1 U	--	1.9 U	--
Indeno(1,2,3-cd)pyrene	**8270C**	--	0.67 U	--	0.62 U	--
Indeno(1,2,3-cd)pyrene	**8270C SIM**	--	--	--	--	--
Isodrin	**8270C**	--	1.8 U	--	1.7 U	--
Isophorone	**8270C**	--	0.22 U	--	0.2 U	--
Isosafrole	**8270C**	--	1 U	--	0.96 U	--
m+pCresol	**8270C**	--	--	--	--	--
m-Cresol	**8270C**	--	0.26 U	--	0.24 U	--
Methapyrilene	**8270C**	--	21 U	--	19 U	--
Methylmethanesulfonate	**8270C**	--	1 U	--	0.96 U	--
Naphthalene	**8270C**	--	0.3 U	--	0.28 U	--
Naphthalene	**8270C SIM**	--	--	--	--	--
Nitrobenzene	**8270C**	0.77 U	0.84 U	0.78 U	0.78 U	0.8 U
n-Nitrosodiethylamine	**8270C**	--	1.8 U	--	1.7 U	--
n-Nitrosodimethylamine	**1625M**	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
n-Nitrosodimethylamine	**8270C**	--	0.3 U	--	0.28 U	--
n-Nitrosodimethylamine	**8270C SIM**	--	--	--	--	--
n-Nitrosodi-n-butylamine	**8270C**	--	1.3 U	--	1.2 U	--
n-Nitrosodi-n-propylamine	**8270C**	--	0.36 U	--	0.34 U	--
n-Nitrosodiphenylamine	**8270C**	--	0.46 U	--	0.42 U	--
n-Nitrosodiphenylamine as Diphenylamine	**8270C**	--	--	--	--	--
n-Nitrosomethylethylamine	**8270C**	--	1.8 U	--	1.7 U	--
n-Nitrosomorpholine	**8270C**	--	2.1 U	--	1.9 U	--
n-Nitrosopiperidine	**8270C**	--	2.1 U	--	1.9 U	--
n-Nitrosopyrrolidine	**8270C**	--	0.83 U	--	0.77 U	--
o,o,o-Triethylphosphorothioate	**8270C**	--	2.1 U	--	1.9 U	--
o-Cresol	**8270C**	--	1 U	--	0.94 U	--
o-Tolidine	**8270C**	--	4.1 U	--	3.8 U	--
o-Toluidine	**8270C**	--	1.5 U	--	1.3 U	--
p-Chloroaniline	**8270C**	--	2.2 U	--	2.1 U	--
p-Chloro-m-cresol	**8270C**	--	2.5 U	--	2.3 U	--
p-Cresol	**8270C**	--	0.26 U	--	0.24 U	--
p-Dimethylaminoazobenzene	**8270C**	--	2.1 U	--	1.9 U	--
Pentachlorobenzene	**8270C**	--	2.1 U	--	1.9 U	--
Pentachloroethane	**8270C**	--	2.1 U	--	1.9 U	--
Pentachloronitrobenzene	**8270C**	--	2.1 U	--	1.9 U	--
Pentachlorophenol	**8270C**	--	0.84 U	--	0.79 U	--
Phenacetin	**8270C**	--	1.1 U	--	1 U	--
Phenanthrene	**8270C**	--	0.27 U	--	0.25 U	--
Phenanthrene	**8270C SIM**	--	--	--	--	--
Phenol	**8270C**	--	2.1 U	--	1.9 U	--
p-Nitroaniline	**8270C**	--	2.1 U	--	1.9 U	--
p-Phenylenediamine	**8270C**	--	5.2 U	--	4.8 U	--
Pronamide	**8270C**	--	2.1 U	--	1.9 U	--
Pyrene	**8270C**	--	0.38 U	--	0.36 U	--
Pyrene	**8270C SIM**	--	--	--	--	--
Pyridine	**8270C**	--	1.8 U	--	1.6 U	--
Safrole	**8270C**	--	1.2 U	--	1.1 U	--
sym-Trinitrobenzene	**8270C**	--	4.1 U	--	3.8 U	--
Tetraethyldithiopyrophosphate	**8270C**	--	--	--	--	--

TABLE 13
SEMI-VOLATILE ORGANIC COMPOUNDS ANALYTICAL RESULTS, 2012
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

	Well Identifier:	HAR-30	HAR-31	HAR-31	HAR-32	HAR-32
	SampleType:	Field Duplicate	Primary	Primary	Primary	Field Duplicate
	Sample Name:	HAR-30_072412_36	HAR-31_012412_01	HAR-31_072512_01	HAR-32_021412_01	HAR-32_021412_36
	Groundwater Unit:	Shallow	Shallow	Shallow	Shallow	Shallow
	Lab Name:	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
	Collection Date:	7/24/2012	1/24/2012	7/25/2012	2/14/2012	2/14/2012
Analyte (µg/L)	**Method**					
1,2,4,5-Tetrachlorobenzene	**8270C**	--	--	--	--	--
1,2,4-Trichlorobenzene	**8270C**	--	--	--	--	--
1,2-Dichlorobenzene	**8270C**	--	--	--	--	--
1,3-Dichlorobenzene	**8270C**	--	--	--	--	--
1,3-Dinitrobenzene	**8270C**	1.9 U	2.1 U	--	1.9 U	--
1,4-Dichlorobenzene	**8270C**	--	--	--	--	--
1,4-Naphthoquinone	**8270C**	--	--	--	--	--
1-Methylnaphthalene	**8270C SIM**	--	--	--	--	--
2,3,4,6-Tetrachlorophenol	**8270C**	--	--	--	--	--
2,4,5-Trichlorophenol	**8270C**	--	--	--	--	--
2,4,6-Trichlorophenol	**8270C**	--	--	--	--	--
2,4-Dichlorophenol	**8270C**	--	--	--	--	--
2,4-Dimethylphenol	**8270C**	--	--	--	--	--
2,4-Dinitrophenol	**8270C**	--	--	--	--	--
2,4-Dinitrotoluene	**8270C**	--	--	--	--	--
2,6-Dichlorophenol	**8270C**	--	--	--	--	--
2,6-Dinitrotoluene	**8270C**	--	--	--	--	--
2-Chloronaphthalene	**8270C**	--	--	--	--	--
2-Chlorophenol	**8270C**	--	--	--	--	--
2-Methylnaphthalene	**8270C**	--	--	--	--	--
2-Methylnaphthalene	**8270C SIM**	--	--	--	--	--
2-Nitroaniline	**8270C**	--	--	--	--	--
2-Nitrophenol	**8270C**	--	--	--	--	--
3,3'-Dichlorobenzidine	**8270C**	--	--	--	--	--
3-Methylcholanthrene	**8270C**	--	--	--	--	--
3-Nitroaniline	**8270C**	--	--	--	--	--
4,6-Dinitro-o-cresol	**8270C**	--	--	--	--	--
4-Aminobiphenyl	**8270C**	--	--	--	--	--
4-Bromophenylphenylether	**8270C**	--	--	--	--	--
4-Chlorophenylphenylether	**8270C**	--	--	--	--	--
4-Nitrophenol	**8270C**	--	--	--	--	--
4-Nitroquinoline-1-oxide	**8270C**	--	--	--	--	--
5-Nitro-o-toluidine	**8270C**	--	--	--	--	--
7,12-Dimethylbenz(a)anthracene	**8270C**	--	--	--	--	--
Acenaphthene	**8270C**	--	--	--	--	--
Acenaphthene	**8270C SIM**	--	--	--	--	--
Acenaphthylene	**8270C**	--	--	--	--	--
Acenaphthylene	**8270C SIM**	--	--	--	--	--
Acetamidofluorene	**8270C**	--	--	--	--	--
Acetophenone	**8270C**	--	--	--	--	--
alpha,alpha-Dimethylphenethylamine	**8270C**	--	--	--	--	--
alpha-Naphthylamine	**8270C**	--	--	--	--	--
alpha-Picoline	**8270C**	--	--	--	--	--
Aniline	**8270C**	--	--	--	--	--
Anthracene	**8270C**	--	--	--	--	--
Anthracene	**8270C SIM**	--	--	--	--	--
Aramite	**8270C**	--	--	--	--	--
Benzidine	**8270C**	--	--	--	--	--
Benzo(a)anthracene	**8270C**	--	--	--	--	--
Benzo(a)anthracene	**8270C SIM**	--	--	--	--	--
Benzo(a)pyrene	**8270C**	--	--	--	--	--
Benzo(a)pyrene	**8270C SIM**	--	--	--	--	--
Benzo(b)fluoranthene	**8270C**	--	--	--	--	--
Benzo(b)fluoranthene	**8270C SIM**	--	--	--	--	--
Benzo(ghi)perylene	**8270C**	--	--	--	--	--
Benzo(ghi)perylene	**8270C SIM**	--	--	--	--	--
Benzo(k)fluoranthene	**8270C**	--	--	--	--	--
Benzo(k)fluoranthene	**8270C SIM**	--	--	--	--	--
Benzoicacid	**8270C**	--	--	--	--	--
Benzylalcohol	**8270C**	--	--	--	--	--
beta-Naphthylamine	**8270C**	--	--	--	--	--
bis(2-Chloroethoxy)methane	**8270C**	--	--	--	--	--
bis(2-Chloroethyl)ether	**8270C**	--	--	--	--	--
bis(2-Chloroisopropyl)ether	**8270C**	--	--	--	--	--
bis(2-Ethylhexyl)phthalate	**8270C**	--	3.1 J	0.55 U	0.54 U	--
bis(2-Ethylhexyl)phthalate	**8270C SIM**	--	--	--	--	--
Butylbenzylphthalate	**8270C**	--	1 U	0.99 U	0.96 U	--
Butylbenzylphthalate	**8270C SIM**	--	--	--	--	--
Chrysene	**8270C**	--	--	--	--	--
Chrysene	**8270C SIM**	--	--	--	--	--
Dibenzo(a,h)anthracene	**8270C**	--	--	--	--	--
Dibenzo(a,h)anthracene	**8270C SIM**	--	--	--	--	--
Dibenzofuran	**8270C**	--	--	--	--	--

TABLE 13
SEMI-VOLATILE ORGANIC COMPOUNDS ANALYTICAL RESULTS, 2012
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

	Well Identifier:	HAR-30	HAR-31	HAR-31	HAR-32	HAR-32
	SampleType:	Field Duplicate	Primary	Primary	Primary	Field Duplicate
	Sample Name:	HAR-30_072412_36	HAR-31_012412_01	HAR-31_072512_01	HAR-32_021412_01	HAR-32_021412_36
	Groundwater Unit:	Shallow	Shallow	Shallow	Shallow	Shallow
	Lab Name:	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
	Collection Date:	7/24/2012	1/24/2012	7/25/2012	2/14/2012	2/14/2012
Analyte (µg/L)	**Method**					
Diethylphthalate	**8270C**	--	0.39 U	0.37 U	0.36 U	--
Diethylphthalate	**8270C SIM**	--	--	--	--	--
Dimethylphthalate	**8270C**	--	0.22 U	0.21 U	0.2 U	--
Dimethylphthalate	**8270C SIM**	--	--	--	--	--
Di-n-butylphthalate	**8270C**	--	1.2 U	1.1 U	1.1 U	--
Di-n-butylphthalate	**8270C SIM**	--	--	--	--	--
Di-n-octylphthalate	**8270C**	--	0.36 U	0.34 U	0.34 U	--
Di-n-octylphthalate	**8270C SIM**	--	--	--	--	--
Diphenylamine	**8270C**	--	--	--	--	--
Ethylmethanesulfonate	**8270C**	--	--	--	--	--
Famphur	**8270C**	--	--	--	--	--
Fluoranthene	**8270C**	--	--	--	--	--
Fluoranthene	**8270C SIM**	--	--	--	--	--
Fluorene	**8270C**	--	--	--	--	--
Fluorene	**8270C SIM**	--	--	--	--	--
Formaldehyde	**8315**	50 U	50 U	--	50 U	--
Formaldehyde	**8315A**	--	--	--	--	--
Hexachlorobenzene	**8270C**	--	--	--	--	--
Hexachlorobutadiene	**8270C**	--	--	--	--	--
Hexachlorocyclopentadiene	**8270C**	--	--	--	--	--
Hexachloroethane	**8270C**	--	--	--	--	--
Hexachlorophene	**8151A**	--	--	--	--	--
Hexachlorophene	**8321A**	--	--	--	--	--
Hexachloropropene	**8270C**	--	--	--	--	--
Indeno(1,2,3-cd)pyrene	**8270C**	--	--	--	--	--
Indeno(1,2,3-cd)pyrene	**8270C SIM**	--	--	--	--	--
Isodrin	**8270C**	--	--	--	--	--
Isophorone	**8270C**	--	--	--	--	--
Isosafrole	**8270C**	--	--	--	--	--
m+pCresol	**8270C**	--	--	--	--	--
m-Cresol	**8270C**	--	--	--	--	--
Methapyrilene	**8270C**	--	--	--	--	--
Methylmethanesulfonate	**8270C**	--	--	--	--	--
Naphthalene	**8270C**	--	--	--	--	--
Naphthalene	**8270C SIM**	--	--	--	--	--
Nitrobenzene	**8270C**	0.77 U	0.84 U	--	0.78 U	--
n-Nitrosodiethylamine	**8270C**	--	--	--	--	--
n-Nitrosodimethylamine	**1625M**	0.0085	0.005 U	--	0.17	0.16
n-Nitrosodimethylamine	**8270C**	--	--	--	--	--
n-Nitrosodimethylamine	**8270C SIM**	--	--	--	--	--
n-Nitrosodi-n-butylamine	**8270C**	--	--	--	--	--
n-Nitrosodi-n-propylamine	**8270C**	--	--	--	--	--
n-Nitrosodiphenylamine	**8270C**	--	--	--	--	--
n-Nitrosodiphenylamine as Diphenylamine	**8270C**	--	--	--	--	--
n-Nitrosomethylethylamine	**8270C**	--	--	--	--	--
n-Nitrosomorpholine	**8270C**	--	--	--	--	--
n-Nitrosopiperidine	**8270C**	--	--	--	--	--
n-Nitrosopyrrolidine	**8270C**	--	--	--	--	--
o,o,o-Triethylphosphorothioate	**8270C**	--	--	--	--	--
o-Cresol	**8270C**	--	--	--	--	--
o-Tolidine	**8270C**	--	--	--	--	--
o-Toluidine	**8270C**	--	--	--	--	--
p-Chloroaniline	**8270C**	--	--	--	--	--
p-Chloro-m-cresol	**8270C**	--	--	--	--	--
p-Cresol	**8270C**	--	--	--	--	--
p-Dimethylaminoazobenzene	**8270C**	--	--	--	--	--
Pentachlorobenzene	**8270C**	--	--	--	--	--
Pentachloroethane	**8270C**	--	--	--	--	--
Pentachloronitrobenzene	**8270C**	--	--	--	--	--
Pentachlorophenol	**8270C**	--	--	--	--	--
Phenacetin	**8270C**	--	--	--	--	--
Phenanthrene	**8270C**	--	--	--	--	--
Phenanthrene	**8270C SIM**	--	--	--	--	--
Phenol	**8270C**	--	--	--	--	--
p-Nitroaniline	**8270C**	--	--	--	--	--
p-Phenylenediamine	**8270C**	--	--	--	--	--
Pronamide	**8270C**	--	--	--	--	--
Pyrene	**8270C**	--	--	--	--	--
Pyrene	**8270C SIM**	--	--	--	--	--
Pyridine	**8270C**	--	--	--	--	--
Safrole	**8270C**	--	--	--	--	--
sym-Trinitrobenzene	**8270C**	--	--	--	--	--
Tetraethyldithiopyrophosphate	**8270C**	--	--	--	--	--

TABLE 13
SEMI-VOLATILE ORGANIC COMPOUNDS ANALYTICAL RESULTS, 2012
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

	Well Identifier:	HAR-32	HAR-33	HAR-33	PZ-025	PZ-025
	SampleType:	Primary	Primary	Primary	Primary	Primary
	Sample Name:	HAR-32_080812_01	HAR-33_021512_01	HAR-33_080812_01	PZ-025_020712_01	PZ-025_073112_01A
	Groundwater Unit:	Shallow	Shallow	Shallow	Shallow	Shallow
	Lab Name:	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
	Collection Date:	8/8/2012	2/15/2012	8/8/2012	2/7/2012	7/31/2012
Analyte (µg/L)	**Method**					
1,2,4,5-Tetrachlorobenzene	**8270C**	--	1.7 U	--	--	--
1,2,4-Trichlorobenzene	**8270C**	--	0.27 U	--	--	--
1,2-Dichlorobenzene	**8270C**	--	--	--	--	--
1,3-Dichlorobenzene	**8270C**	--	0.29 U	--	--	--
1,3-Dinitrobenzene	**8270C**	2 U	1.9 U	2.1 U	--	--
1,4-Dichlorobenzene	**8270C**	--	--	--	--	--
1,4-Naphthoquinone	**8270C**	--	13 U	--	--	--
1-Methylnaphthalene	**8270C SIM**	--	--	--	--	--
2,3,4,6-Tetrachlorophenol	**8270C**	--	1.9 U	--	--	--
2,4,5-Trichlorophenol	**8270C**	--	0.44 U	--	--	--
2,4,6-Trichlorophenol	**8270C**	--	0.28 U	--	--	--
2,4-Dichlorophenol	**8270C**	--	0.62 U	--	--	--
2,4-Dimethylphenol	**8270C**	--	0.56 U	--	--	--
2,4-Dinitrophenol	**8270C**	--	9.7 U	--	--	--
2,4-Dinitrotoluene	**8270C**	--	1.6 U	--	--	--
2,6-Dichlorophenol	**8270C**	--	1.3 U	--	--	--
2,6-Dinitrotoluene	**8270C**	--	1.8 U	--	--	--
2-Chloronaphthalene	**8270C**	--	0.25 U	--	--	--
2-Chlorophenol	**8270C**	--	1.9 U	--	--	--
2-Methylnaphthalene	**8270C**	--	0.28 U	--	--	--
2-Methylnaphthalene	**8270C SIM**	--	--	--	--	--
2-Nitroaniline	**8270C**	--	1.7 U	--	--	--
2-Nitrophenol	**8270C**	--	0.38 U	--	--	--
3,3'-Dichlorobenzidine	**8270C**	--	1.9 U	--	--	--
3-Methylcholanthrene	**8270C**	--	1.7 U	--	--	--
3-Nitroaniline	**8270C**	--	1.9 U	--	--	--
4,6-Dinitro-o-cresol	**8270C**	--	3.9 U	--	--	--
4-Aminobiphenyl	**8270C**	--	4.4 U	--	--	--
4-Bromophenylphenylether	**8270C**	--	0.42 U	--	--	--
4-Chlorophenylphenylether	**8270C**	--	1.6 U	--	--	--
4-Nitrophenol	**8270C**	--	1.2 U	--	--	--
4-Nitroquinoline-1-oxide	**8270C**	--	19 U	--	--	--
5-Nitro-o-toluidine	**8270C**	--	1.4 U	--	--	--
7,12-Dimethylbenz(a)anthracene	**8270C**	--	1.5 U	--	--	--
Acenaphthene	**8270C**	--	0.27 U	--	--	--
Acenaphthene	**8270C SIM**	--	--	--	--	--
Acenaphthylene	**8270C**	--	0.48 U	--	--	--
Acenaphthylene	**8270C SIM**	--	--	--	--	--
Acetamidofluorene	**8270C**	--	6.8 U	--	--	--
Acetophenone	**8270C**	--	0.23 U	--	--	--
alpha,alpha-Dimethylphenethylamine	**8270C**	--	19 U	--	--	--
alpha-Naphthylamine	**8270C**	--	3 U	--	--	--
alpha-Picoline	**8270C**	--	1.2 U	--	--	--
Aniline	**8270C**	--	1.9 U	--	--	--
Anthracene	**8270C**	--	0.41 U	--	--	--
Anthracene	**8270C SIM**	--	--	--	--	--
Aramite	**8270C**	--	9 U	--	--	--
Benzidine	**8270C**	--	--	--	--	--
Benzo(a)anthracene	**8270C**	--	0.34 U	--	--	--
Benzo(a)anthracene	**8270C SIM**	--	--	--	--	--
Benzo(a)pyrene	**8270C**	--	0.3 U	--	--	--
Benzo(a)pyrene	**8270C SIM**	--	--	--	--	--
Benzo(b)fluoranthene	**8270C**	--	0.52 U	--	--	--
Benzo(b)fluoranthene	**8270C SIM**	--	--	--	--	--
Benzo(ghi)perylene	**8270C**	--	0.49 U	--	--	--
Benzo(ghi)perylene	**8270C SIM**	--	--	--	--	--
Benzo(k)fluoranthene	**8270C**	--	0.45 U	--	--	--
Benzo(k)fluoranthene	**8270C SIM**	--	--	--	--	--
Benzoicacid	**8270C**	--	--	--	--	--
Benzylalcohol	**8270C**	--	0.22 U	--	--	--
beta-Naphthylamine	**8270C**	--	3 U	--	--	--
bis(2-Chloroethoxy)methane	**8270C**	--	0.94 U	--	--	--
bis(2-Chloroethyl)ether	**8270C**	--	0.4 U	--	--	--
bis(2-Chloroisopropyl)ether	**8270C**	--	0.27 U	--	--	--
bis(2-Ethylhexyl)phthalate	**8270C**	0.79 J	0.68 J	1.2 J	--	--
bis(2-Ethylhexyl)phthalate	**8270C SIM**	--	--	--	--	--
Butylbenzylphthalate	**8270C**	1 U	0.97 U	1.1 U	--	--
Butylbenzylphthalate	**8270C SIM**	--	--	--	--	--
Chrysene	**8270C**	--	0.53 U	--	--	--
Chrysene	**8270C SIM**	--	--	--	--	--
Dibenzo(a,h)anthracene	**8270C**	--	0.5 U	--	--	--
Dibenzo(a,h)anthracene	**8270C SIM**	--	--	--	--	--
Dibenzofuran	**8270C**	--	0.28 U	--	--	--

TABLE 13
SEMI-VOLATILE ORGANIC COMPOUNDS ANALYTICAL RESULTS, 2012
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

	Well Identifier:	HAR-32	HAR-33	HAR-33	PZ-025	PZ-025
	SampleType:	Primary	Primary	Primary	Primary	Primary
	Sample Name:	HAR-32_080812_01	HAR-33_021512_01	HAR-33_080812_01	PZ-025_020712_01	PZ-025_073112_01A
	Groundwater Unit:	Shallow	Shallow	Shallow	Shallow	Shallow
	Lab Name:	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
	Collection Date:	8/8/2012	2/15/2012	8/8/2012	2/7/2012	7/31/2012
Analyte (µg/L)	**Method**					
Diethylphthalate	**8270C**	0.39 U	0.37 U	0.4 U	--	--
Diethylphthalate	**8270C SIM**	--	--	--	--	--
Dimethylphthalate	**8270C**	0.21 U	0.2 U	0.22 U	--	--
Dimethylphthalate	**8270C SIM**	--	--	--	--	--
Di-n-butylphthalate	**8270C**	1.2 U	1.1 U	1.2 U	--	--
Di-n-butylphthalate	**8270C SIM**	--	--	--	--	--
Di-n-octylphthalate	**8270C**	0.36 U	0.34 U	0.37 U	--	--
Di-n-octylphthalate	**8270C SIM**	--	--	--	--	--
Diphenylamine	**8270C**	--	1 U	--	--	--
Ethylmethanesulfonate	**8270C**	--	0.92 U	--	--	--
Famphur	**8270C**	--	--	--	--	--
Fluoranthene	**8270C**	--	0.19 U	--	--	--
Fluoranthene	**8270C SIM**	--	--	--	--	--
Fluorene	**8270C**	--	0.3 U	--	--	--
Fluorene	**8270C SIM**	--	--	--	--	--
Formaldehyde	**8315**	50 U	50 U	50 U	--	--
Formaldehyde	**8315A**	--	--	--	--	--
Hexachlorobenzene	**8270C**	--	0.64 U	--	--	--
Hexachlorobutadiene	**8270C**	--	3.2 U	--	--	--
Hexachlorocyclopentadiene	**8270C**	--	9.7 U	--	--	--
Hexachloroethane	**8270C**	--	2 U	--	--	--
Hexachlorophene	**8151A**	--	--	--	--	--
Hexachlorophene	**8321A**	--	0.49 U	--	--	--
Hexachloropropene	**8270C**	--	1.9 U	--	--	--
Indeno(1,2,3-cd)pyrene	**8270C**	--	0.63 U	--	--	--
Indeno(1,2,3-cd)pyrene	**8270C SIM**	--	--	--	--	--
Isodrin	**8270C**	--	1.7 U	--	--	--
Isophorone	**8270C**	--	0.2 U	--	--	--
Isosafrole	**8270C**	--	0.97 U	--	--	--
m+pCresol	**8270C**	--	--	--	--	--
m-Cresol	**8270C**	--	0.24 U	--	--	--
Methapyrilene	**8270C**	--	19 U	--	--	--
Methylmethanesulfonate	**8270C**	--	0.97 U	--	--	--
Naphthalene	**8270C**	--	0.28 U	--	--	--
Naphthalene	**8270C SIM**	--	--	--	--	--
Nitrobenzene	**8270C**	0.83 U	0.79 U	0.85 U	--	--
n-Nitrosodiethylamine	**8270C**	--	1.7 U	--	--	--
n-Nitrosodimethylamine	**1625M**	0.11	0.005 U	0.005 U	0.005 U	0.005 U
n-Nitrosodimethylamine	**8270C**	--	0.28 U	--	--	--
n-Nitrosodimethylamine	**8270C SIM**	--	--	--	--	--
n-Nitrosodi-n-butylamine	**8270C**	--	1.2 U	--	--	--
n-Nitrosodi-n-propylamine	**8270C**	--	0.34 U	--	--	--
n-Nitrosodiphenylamine	**8270C**	--	0.43 U	--	--	--
n-Nitrosodiphenylamine as Diphenylamine	**8270C**	--	--	--	--	--
n-Nitrosomethylethylamine	**8270C**	--	1.7 U	--	--	--
n-Nitrosomorpholine	**8270C**	--	1.9 U	--	--	--
n-Nitrosopiperidine	**8270C**	--	1.9 U	--	--	--
n-Nitrosopyrrolidine	**8270C**	--	0.78 U	--	--	--
o,o,o-Triethylphosphorothioate	**8270C**	--	1.9 U	--	--	--
o-Cresol	**8270C**	--	0.95 U	--	--	--
o-Tolidine	**8270C**	--	3.9 U	--	--	--
o-Toluidine	**8270C**	--	1.4 U	--	--	--
p-Chloroaniline	**8270C**	--	2.1 U	--	--	--
p-Chloro-m-cresol	**8270C**	--	2.3 U	--	--	--
p-Cresol	**8270C**	--	0.24 U	--	--	--
p-Dimethylaminoazobenzene	**8270C**	--	1.9 U	--	--	--
Pentachlorobenzene	**8270C**	--	1.9 U	--	--	--
Pentachloroethane	**8270C**	--	1.9 U	--	--	--
Pentachloronitrobenzene	**8270C**	--	1.9 U	--	--	--
Pentachlorophenol	**8270C**	--	0.78 U	--	--	--
Phenacetin	**8270C**	--	1.1 U	--	--	--
Phenanthrene	**8270C**	--	0.25 U	--	--	--
Phenanthrene	**8270C SIM**	--	--	--	--	--
Phenol	**8270C**	--	1.9 U	--	--	--
p-Nitroaniline	**8270C**	--	1.9 U	--	--	--
p-Phenylenediamine	**8270C**	--	4.9 U	--	--	--
Pronamide	**8270C**	--	1.9 U	--	--	--
Pyrene	**8270C**	--	0.36 U	--	--	--
Pyrene	**8270C SIM**	--	--	--	--	--
Pyridine	**8270C**	--	1.7 U	--	--	--
Safrole	**8270C**	--	1.1 U	--	--	--
sym-Trinitrobenzene	**8270C**	--	3.9 U	--	--	--
Tetraethyldithiopyrophosphate	**8270C**	--	--	--	--	--

TABLE 13
SEMI-VOLATILE ORGANIC COMPOUNDS ANALYTICAL RESULTS, 2012
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

	Well Identifier:	PZ-027	PZ-027	PZ-027	PZ-027	PZ-058
	SampleType:	Primary	Field Duplicate	Primary	Field Duplicate	Primary
	Sample Name:	PZ-027_020812_01	PZ-027_020812_36	PZ-027_073012_01A	PZ-027_073012_36A	PZ-058_021012_01A
	Groundwater Unit:	Shallow	Shallow	Shallow	Shallow	Shallow
	Lab Name:	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
	Collection Date:	2/8/2012	2/8/2012	7/30/2012	7/30/2012	2/10/2012
Analyte (µg/L)	**Method**					
1,2,4,5-Tetrachlorobenzene	**8270C**	--	--	--	--	--
1,2,4-Trichlorobenzene	**8270C**	--	--	--	--	--
1,2-Dichlorobenzene	**8270C**	--	--	--	--	--
1,3-Dichlorobenzene	**8270C**	--	--	--	--	--
1,3-Dinitrobenzene	**8270C**	--	--	--	--	--
1,4-Dichlorobenzene	**8270C**	--	--	--	--	--
1,4-Naphthoquinone	**8270C**	--	--	--	--	--
1-Methylnaphthalene	**8270C SIM**	--	--	--	--	--
2,3,4,6-Tetrachlorophenol	**8270C**	--	--	--	--	--
2,4,5-Trichlorophenol	**8270C**	--	--	--	--	--
2,4,6-Trichlorophenol	**8270C**	--	--	--	--	--
2,4-Dichlorophenol	**8270C**	--	--	--	--	--
2,4-Dimethylphenol	**8270C**	--	--	--	--	--
2,4-Dinitrophenol	**8270C**	--	--	--	--	--
2,4-Dinitrotoluene	**8270C**	--	--	--	--	--
2,6-Dichlorophenol	**8270C**	--	--	--	--	--
2,6-Dinitrotoluene	**8270C**	--	--	--	--	--
2-Chloronaphthalene	**8270C**	--	--	--	--	--
2-Chlorophenol	**8270C**	--	--	--	--	--
2-Methylnaphthalene	**8270C**	--	--	--	--	--
2-Methylnaphthalene	**8270C SIM**	--	--	--	--	--
2-Nitroaniline	**8270C**	--	--	--	--	--
2-Nitrophenol	**8270C**	--	--	--	--	--
3,3'-Dichlorobenzidine	**8270C**	--	--	--	--	--
3-Methylcholanthrene	**8270C**	--	--	--	--	--
3-Nitroaniline	**8270C**	--	--	--	--	--
4,6-Dinitro-o-cresol	**8270C**	--	--	--	--	--
4-Aminobiphenyl	**8270C**	--	--	--	--	--
4-Bromophenylphenylether	**8270C**	--	--	--	--	--
4-Chlorophenylphenylether	**8270C**	--	--	--	--	--
4-Nitrophenol	**8270C**	--	--	--	--	--
4-Nitroquinoline-1-oxide	**8270C**	--	--	--	--	--
5-Nitro-o-toluidine	**8270C**	--	--	--	--	--
7,12-Dimethylbenz(a)anthracene	**8270C**	--	--	--	--	--
Acenaphthene	**8270C**	--	--	--	--	--
Acenaphthene	**8270C SIM**	--	--	--	--	--
Acenaphthylene	**8270C**	--	--	--	--	--
Acenaphthylene	**8270C SIM**	--	--	--	--	--
Acetamidofluorene	**8270C**	--	--	--	--	--
Acetophenone	**8270C**	--	--	--	--	--
alpha,alpha-Dimethylphenethylamine	**8270C**	--	--	--	--	--
alpha-Naphthylamine	**8270C**	--	--	--	--	--
alpha-Picoline	**8270C**	--	--	--	--	--
Aniline	**8270C**	--	--	--	--	--
Anthracene	**8270C**	--	--	--	--	--
Anthracene	**8270C SIM**	--	--	--	--	--
Aramite	**8270C**	--	--	--	--	--
Benzidine	**8270C**	--	--	--	--	--
Benzo(a)anthracene	**8270C**	--	--	--	--	--
Benzo(a)anthracene	**8270C SIM**	--	--	--	--	--
Benzo(a)pyrene	**8270C**	--	--	--	--	--
Benzo(a)pyrene	**8270C SIM**	--	--	--	--	--
Benzo(b)fluoranthene	**8270C**	--	--	--	--	--
Benzo(b)fluoranthene	**8270C SIM**	--	--	--	--	--
Benzo(ghi)perylene	**8270C**	--	--	--	--	--
Benzo(ghi)perylene	**8270C SIM**	--	--	--	--	--
Benzo(k)fluoranthene	**8270C**	--	--	--	--	--
Benzo(k)fluoranthene	**8270C SIM**	--	--	--	--	--
Benzoicacid	**8270C**	--	--	--	--	--
Benzylalcohol	**8270C**	--	--	--	--	--
beta-Naphthylamine	**8270C**	--	--	--	--	--
bis(2-Chloroethoxy)methane	**8270C**	--	--	--	--	--
bis(2-Chloroethyl)ether	**8270C**	--	--	--	--	--
bis(2-Chloroisopropyl)ether	**8270C**	--	--	--	--	--
bis(2-Ethylhexyl)phthalate	**8270C**	--	--	--	--	--
bis(2-Ethylhexyl)phthalate	**8270C SIM**	--	--	--	--	--
Butylbenzylphthalate	**8270C**	--	--	--	--	--
Butylbenzylphthalate	**8270C SIM**	--	--	--	--	--
Chrysene	**8270C**	--	--	--	--	--
Chrysene	**8270C SIM**	--	--	--	--	--
Dibenzo(a,h)anthracene	**8270C**	--	--	--	--	--
Dibenzo(a,h)anthracene	**8270C SIM**	--	--	--	--	--
Dibenzofuran	**8270C**	--	--	--	--	--

TABLE 13
SEMI-VOLATILE ORGANIC COMPOUNDS ANALYTICAL RESULTS, 2012
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

	Well Identifier:	PZ-027	PZ-027	PZ-027	PZ-027	PZ-058
	SampleType:	Primary	Field Duplicate	Primary	Field Duplicate	Primary
	Sample Name:	PZ-027_020812_01	PZ-027_020812_36	PZ-027_073012_01A	PZ-027_073012_36A	PZ-058_021012_01A
	Groundwater Unit:	Shallow	Shallow	Shallow	Shallow	Shallow
	Lab Name:	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
	Collection Date:	2/8/2012	2/8/2012	7/30/2012	7/30/2012	2/10/2012
Analyte (µg/L)	**Method**					
Diethylphthalate	**8270C**	--	--	--	--	--
Diethylphthalate	**8270C SIM**	--	--	--	--	--
Dimethylphthalate	**8270C**	--	--	--	--	--
Dimethylphthalate	**8270C SIM**	--	--	--	--	--
Di-n-butylphthalate	**8270C**	--	--	--	--	--
Di-n-butylphthalate	**8270C SIM**	--	--	--	--	--
Di-n-octylphthalate	**8270C**	--	--	--	--	--
Di-n-octylphthalate	**8270C SIM**	--	--	--	--	--
Diphenylamine	**8270C**	--	--	--	--	--
Ethylmethanesulfonate	**8270C**	--	--	--	--	--
Famphur	**8270C**	--	--	--	--	--
Fluoranthene	**8270C**	--	--	--	--	--
Fluoranthene	**8270C SIM**	--	--	--	--	--
Fluorene	**8270C**	--	--	--	--	--
Fluorene	**8270C SIM**	--	--	--	--	--
Formaldehyde	**8315**	--	--	--	--	--
Formaldehyde	**8315A**	--	--	--	--	--
Hexachlorobenzene	**8270C**	--	--	--	--	--
Hexachlorobutadiene	**8270C**	--	--	--	--	--
Hexachlorocyclopentadiene	**8270C**	--	--	--	--	--
Hexachloroethane	**8270C**	--	--	--	--	--
Hexachlorophene	**8151A**	--	--	--	--	--
Hexachlorophene	**8321A**	--	--	--	--	--
Hexachloropropene	**8270C**	--	--	--	--	--
Indeno(1,2,3-cd)pyrene	**8270C**	--	--	--	--	--
Indeno(1,2,3-cd)pyrene	**8270C SIM**	--	--	--	--	--
Isodrin	**8270C**	--	--	--	--	--
Isophorone	**8270C**	--	--	--	--	--
Isosafrole	**8270C**	--	--	--	--	--
m+pCresol	**8270C**	--	--	--	--	--
m-Cresol	**8270C**	--	--	--	--	--
Methapyrilene	**8270C**	--	--	--	--	--
Methylmethanesulfonate	**8270C**	--	--	--	--	--
Naphthalene	**8270C**	--	--	--	--	--
Naphthalene	**8270C SIM**	--	--	--	--	--
Nitrobenzene	**8270C**	--	--	--	--	--
n-Nitrosodiethylamine	**8270C**	--	--	--	--	--
n-Nitrosodimethylamine	**1625M**	0.033	0.032	0.039	0.04	0.059
n-Nitrosodimethylamine	**8270C**	--	--	--	--	--
n-Nitrosodimethylamine	**8270C SIM**	--	--	--	--	--
n-Nitrosodi-n-butylamine	**8270C**	--	--	--	--	--
n-Nitrosodi-n-propylamine	**8270C**	--	--	--	--	--
n-Nitrosodiphenylamine	**8270C**	--	--	--	--	--
n-Nitrosodiphenylamine as Diphenylamine	**8270C**	--	--	--	--	--
n-Nitrosomethylethylamine	**8270C**	--	--	--	--	--
n-Nitrosomorpholine	**8270C**	--	--	--	--	--
n-Nitrosopiperidine	**8270C**	--	--	--	--	--
n-Nitrosopyrrolidine	**8270C**	--	--	--	--	--
o,o,o-Triethylphosphorothioate	**8270C**	--	--	--	--	--
o-Cresol	**8270C**	--	--	--	--	--
o-Tolidine	**8270C**	--	--	--	--	--
o-Toluidine	**8270C**	--	--	--	--	--
p-Chloroaniline	**8270C**	--	--	--	--	--
p-Chloro-m-cresol	**8270C**	--	--	--	--	--
p-Cresol	**8270C**	--	--	--	--	--
p-Dimethylaminoazobenzene	**8270C**	--	--	--	--	--
Pentachlorobenzene	**8270C**	--	--	--	--	--
Pentachloroethane	**8270C**	--	--	--	--	--
Pentachloronitrobenzene	**8270C**	--	--	--	--	--
Pentachlorophenol	**8270C**	--	--	--	--	--
Phenacetin	**8270C**	--	--	--	--	--
Phenanthrene	**8270C**	--	--	--	--	--
Phenanthrene	**8270C SIM**	--	--	--	--	--
Phenol	**8270C**	--	--	--	--	--
p-Nitroaniline	**8270C**	--	--	--	--	--
p-Phenylenediamine	**8270C**	--	--	--	--	--
Pronamide	**8270C**	--	--	--	--	--
Pyrene	**8270C**	--	--	--	--	--
Pyrene	**8270C SIM**	--	--	--	--	--
Pyridine	**8270C**	--	--	--	--	--
Safrole	**8270C**	--	--	--	--	--
sym-Trinitrobenzene	**8270C**	--	--	--	--	--
Tetraethyldithiopyrophosphate	**8270C**	--	--	--	--	--

TABLE 13
SEMI-VOLATILE ORGANIC COMPOUNDS ANALYTICAL RESULTS, 2012
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

	Well Identifier:	PZ-058	PZ-058	PZ-058	PZ-060	PZ-060
	SampleType:	Field Duplicate	Primary	Field Duplicate	Primary	Primary
	Sample Name:	PZ-058_021012_36A	PZ-058_072412_01A	PZ-058_072412_36A	PZ-060_011312_01	PZ-060_072612_01A
	Groundwater Unit:	Shallow	Shallow	Shallow	Shallow	Shallow
	Lab Name:	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
	Collection Date:	2/10/2012	7/24/2012	7/24/2012	1/13/2012	7/26/2012
Analyte (µg/L)	**Method**					
1,2,4,5-Tetrachlorobenzene	**8270C**	--	--	--	1.6 U	--
1,2,4-Trichlorobenzene	**8270C**	--	--	--	0.26 U	--
1,2-Dichlorobenzene	**8270C**	--	--	--	--	--
1,3-Dichlorobenzene	**8270C**	--	--	--	0.28 U	--
1,3-Dinitrobenzene	**8270C**	--	--	--	1.9 U	2 U
1,4-Dichlorobenzene	**8270C**	--	--	--	--	--
1,4-Naphthoquinone	**8270C**	--	--	--	13 U	--
1-Methylnaphthalene	**8270C SIM**	--	--	--	--	--
2,3,4,6-Tetrachlorophenol	**8270C**	--	--	--	1.9 U	--
2,4,5-Trichlorophenol	**8270C**	--	--	--	0.43 U	--
2,4,6-Trichlorophenol	**8270C**	--	--	--	0.27 U	--
2,4-Dichlorophenol	**8270C**	--	--	--	0.61 U	--
2,4-Dimethylphenol	**8270C**	--	--	--	0.55 U	--
2,4-Dinitrophenol	**8270C**	--	--	--	9.5 U	--
2,4-Dinitrotoluene	**8270C**	--	--	--	1.6 U	--
2,6-Dichlorophenol	**8270C**	--	--	--	1.3 U	--
2,6-Dinitrotoluene	**8270C**	--	--	--	1.8 U	--
2-Chloronaphthalene	**8270C**	--	--	--	0.25 U	--
2-Chlorophenol	**8270C**	--	--	--	1.9 U	--
2-Methylnaphthalene	**8270C**	--	--	--	0.27 U	--
2-Methylnaphthalene	**8270C SIM**	--	--	--	--	--
2-Nitroaniline	**8270C**	--	--	--	1.6 U	--
2-Nitrophenol	**8270C**	--	--	--	0.37 U	--
3,3'-Dichlorobenzidine	**8270C**	--	--	--	1.9 U	--
3-Methylcholanthrene	**8270C**	--	--	--	1.6 U	--
3-Nitroaniline	**8270C**	--	--	--	1.9 U	--
4,6-Dinitro-o-cresol	**8270C**	--	--	--	3.8 U	--
4-Aminobiphenyl	**8270C**	--	--	--	4.3 U	--
4-Bromophenylphenylether	**8270C**	--	--	--	0.41 U	--
4-Chlorophenylphenylether	**8270C**	--	--	--	1.6 U	--
4-Nitrophenol	**8270C**	--	--	--	1.2 U	--
4-Nitroquinoline-1-oxide	**8270C**	--	--	--	19 U	--
5-Nitro-o-toluidine	**8270C**	--	--	--	1.3 U	--
7,12-Dimethylbenz(a)anthracene	**8270C**	--	--	--	1.5 U	--
Acenaphthene	**8270C**	--	--	--	0.26 U	--
Acenaphthene	**8270C SIM**	--	--	--	--	--
Acenaphthylene	**8270C**	--	--	--	0.46 U	--
Acenaphthylene	**8270C SIM**	--	--	--	--	--
Acetamidofluorene	**8270C**	--	--	--	6.6 U	--
Acetophenone	**8270C**	--	--	--	0.23 U	--
alpha,alpha-Dimethylphenethylamine	**8270C**	--	--	--	19 U	--
alpha-Naphthylamine	**8270C**	--	--	--	2.9 U	--
alpha-Picoline	**8270C**	--	--	--	1.1 U	--
Aniline	**8270C**	--	--	--	1.9 U	--
Anthracene	**8270C**	--	--	--	0.4 U	--
Anthracene	**8270C SIM**	--	--	--	--	--
Aramite	**8270C**	--	--	--	8.7 U	--
Benzidine	**8270C**	--	--	--	--	--
Benzo(a)anthracene	**8270C**	--	--	--	0.33 U	--
Benzo(a)anthracene	**8270C SIM**	--	--	--	--	--
Benzo(a)pyrene	**8270C**	--	--	--	0.29 U	--
Benzo(a)pyrene	**8270C SIM**	--	--	--	--	--
Benzo(b)fluoranthene	**8270C**	--	--	--	0.5 U	--
Benzo(b)fluoranthene	**8270C SIM**	--	--	--	--	--
Benzo(ghi)perylene	**8270C**	--	--	--	0.47 U	--
Benzo(ghi)perylene	**8270C SIM**	--	--	--	--	--
Benzo(k)fluoranthene	**8270C**	--	--	--	0.44 U	--
Benzo(k)fluoranthene	**8270C SIM**	--	--	--	--	--
Benzoicacid	**8270C**	--	--	--	--	--
Benzylalcohol	**8270C**	--	--	--	0.22 U	--
beta-Naphthylamine	**8270C**	--	--	--	2.9 U	--
bis(2-Chloroethoxy)methane	**8270C**	--	--	--	0.92 U	--
bis(2-Chloroethyl)ether	**8270C**	--	--	--	0.39 U	--
bis(2-Chloroisopropyl)ether	**8270C**	--	--	--	0.26 U	--
bis(2-Ethylhexyl)phthalate	**8270C**	--	--	--	9.5 U	10 U
bis(2-Ethylhexyl)phthalate	**8270C SIM**	--	--	--	--	--
Butylbenzylphthalate	**8270C**	--	--	--	0.95 U	1 U
Butylbenzylphthalate	**8270C SIM**	--	--	--	--	--
Chrysene	**8270C**	--	--	--	0.51 U	--
Chrysene	**8270C SIM**	--	--	--	--	--
Dibenzo(a,h)anthracene	**8270C**	--	--	--	0.48 U	--
Dibenzo(a,h)anthracene	**8270C SIM**	--	--	--	--	--
Dibenzofuran	**8270C**	--	--	--	0.27 U	--

TABLE 13
SEMI-VOLATILE ORGANIC COMPOUNDS ANALYTICAL RESULTS, 2012
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

	Well Identifier:	PZ-058	PZ-058	PZ-058	PZ-060	PZ-060
	SampleType:	Field Duplicate	Primary	Field Duplicate	Primary	Primary
	Sample Name:	PZ-058_021012_36A	PZ-058_072412_01A	PZ-058_072412_36A	PZ-060_011312_01	PZ-060_072612_01A
	Groundwater Unit:	Shallow	Shallow	Shallow	Shallow	Shallow
	Lab Name:	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
	Collection Date:	2/10/2012	7/24/2012	7/24/2012	1/13/2012	7/26/2012
Analyte (µg/L)	**Method**					
Diethylphthalate	**8270C**	--	--	--	0.86 J	0.39 U
Diethylphthalate	**8270C SIM**	--	--	--	--	--
Dimethylphthalate	**8270C**	--	--	--	0.2 U	0.21 U
Dimethylphthalate	**8270C SIM**	--	--	--	--	--
Di-n-butylphthalate	**8270C**	--	--	--	1.1 U	1.2 U
Di-n-butylphthalate	**8270C SIM**	--	--	--	--	--
Di-n-octylphthalate	**8270C**	--	--	--	0.33 U	0.36 U
Di-n-octylphthalate	**8270C SIM**	--	--	--	--	--
Diphenylamine	**8270C**	--	--	--	1 U	--
Ethylmethanesulfonate	**8270C**	--	--	--	0.89 U	--
Famphur	**8270C**	--	--	--	--	--
Fluoranthene	**8270C**	--	--	--	0.19 U	--
Fluoranthene	**8270C SIM**	--	--	--	--	--
Fluorene	**8270C**	--	--	--	0.29 U	--
Fluorene	**8270C SIM**	--	--	--	--	--
Formaldehyde	**8315**	--	--	--	50 U	60 U
Formaldehyde	**8315A**	--	--	--	--	--
Hexachlorobenzene	**8270C**	--	--	--	0.62 U	--
Hexachlorobutadiene	**8270C**	--	--	--	3.1 U	--
Hexachlorocyclopentadiene	**8270C**	--	--	--	1.4 U	--
Hexachloroethane	**8270C**	--	--	--	2 U	--
Hexachlorophene	**8151A**	--	--	--	--	--
Hexachlorophene	**8321A**	--	--	--	0.49 U	--
Hexachloropropene	**8270C**	--	--	--	1.9 U	--
Indeno(1,2,3-cd)pyrene	**8270C**	--	--	--	0.61 U	--
Indeno(1,2,3-cd)pyrene	**8270C SIM**	--	--	--	--	--
Isodrin	**8270C**	--	--	--	1.7 U	--
Isophorone	**8270C**	--	--	--	0.2 U	--
Isosafrole	**8270C**	--	--	--	0.95 U	--
m+pCresol	**8270C**	--	--	--	--	--
m-Cresol	**8270C**	--	--	--	0.24 U	--
Methapyrilene	**8270C**	--	--	--	19 U	--
Methylmethanesulfonate	**8270C**	--	--	--	0.95 U	--
Naphthalene	**8270C**	--	--	--	0.27 U	--
Naphthalene	**8270C SIM**	--	--	--	--	--
Nitrobenzene	**8270C**	--	--	--	0.77 U	0.83 U
n-Nitrosodiethylamine	**8270C**	--	--	--	1.6 U	--
n-Nitrosodimethylamine	**1625M**	0.08	0.019	0.011 J	0.005 U	0.005 U
n-Nitrosodimethylamine	**8270C**	--	--	--	0.27 U	--
n-Nitrosodimethylamine	**8270C SIM**	--	--	--	--	--
n-Nitrosodi-n-butylamine	**8270C**	--	--	--	1.2 U	--
n-Nitrosodi-n-propylamine	**8270C**	--	--	--	0.33 U	--
n-Nitrosodiphenylamine	**8270C**	--	--	--	0.42 U	--
n-Nitrosodiphenylamine as Diphenylamine	**8270C**	--	--	--	--	--
n-Nitrosomethylethylamine	**8270C**	--	--	--	1.7 U	--
n-Nitrosomorpholine	**8270C**	--	--	--	1.9 U	--
n-Nitrosopiperidine	**8270C**	--	--	--	1.9 U	--
n-Nitrosopyrrolidine	**8270C**	--	--	--	0.76 U	--
o,o,o-Triethylphosphorothioate	**8270C**	--	--	--	1.9 U	--
o-Cresol	**8270C**	--	--	--	0.93 U	--
o-Tolidine	**8270C**	--	--	--	3.8 U	--
o-Toluidine	**8270C**	--	--	--	1.3 U	--
p-Chloroaniline	**8270C**	--	--	--	2 U	--
p-Chloro-m-cresol	**8270C**	--	--	--	2.3 U	--
p-Cresol	**8270C**	--	--	--	0.24 U	--
p-Dimethylaminoazobenzene	**8270C**	--	--	--	1.9 U	--
Pentachlorobenzene	**8270C**	--	--	--	1.9 U	--
Pentachloroethane	**8270C**	--	--	--	1.9 U	--
Pentachloronitrobenzene	**8270C**	--	--	--	1.9 U	--
Pentachlorophenol	**8270C**	--	--	--	0.76 U	--
Phenacetin	**8270C**	--	--	--	1 U	--
Phenanthrene	**8270C**	--	--	--	0.25 U	--
Phenanthrene	**8270C SIM**	--	--	--	--	--
Phenol	**8270C**	--	--	--	1.9 U	--
p-Nitroaniline	**8270C**	--	--	--	1.9 U	--
p-Phenylenediamine	**8270C**	--	--	--	4.7 U	--
Pronamide	**8270C**	--	--	--	1.9 U	--
Pyrene	**8270C**	--	--	--	0.35 U	--
Pyrene	**8270C SIM**	--	--	--	--	--
Pyridine	**8270C**	--	--	--	1.6 U	--
Safrole	**8270C**	--	--	--	1.1 U	--
sym-Trinitrobenzene	**8270C**	--	--	--	3.8 U	--
Tetraethyldithiopyrophosphate	**8270C**	--	--	--	--	--

TABLE 13
SEMI-VOLATILE ORGANIC COMPOUNDS ANALYTICAL RESULTS, 2012
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

	Well Identifier:	PZ-087B	PZ-087B	PZ-087B	PZ-087B	PZ-139
	SampleType:	Primary	Field Duplicate	Primary	Field Duplicate	Primary
	Sample Name:	PZ-087B_020212_01A	PZ-087B_020212_36A	PZ-087B_071712_01A	PZ-087B_071712_36A	PZ-139_013012_01A
	Groundwater Unit:	Shallow	Shallow	Shallow	Shallow	Shallow
	Lab Name:	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
	Collection Date:	2/2/2012	2/2/2012	7/17/2012	7/17/2012	1/30/2012
Analyte (µg/L)	**Method**					
1,2,4,5-Tetrachlorobenzene	**8270C**	--	--	--	--	--
1,2,4-Trichlorobenzene	**8270C**	--	--	--	--	0.28 U
1,2-Dichlorobenzene	**8270C**	--	--	--	--	0.23 U
1,3-Dichlorobenzene	**8270C**	--	--	--	--	0.3 U
1,3-Dinitrobenzene	**8270C**	--	--	--	--	--
1,4-Dichlorobenzene	**8270C**	--	--	--	--	0.32 U
1,4-Naphthoquinone	**8270C**	--	--	--	--	--
1-Methylnaphthalene	**8270C SIM**	--	--	--	--	0.0057 U
2,3,4,6-Tetrachlorophenol	**8270C**	--	--	--	--	--
2,4,5-Trichlorophenol	**8270C**	--	--	--	--	0.45 U
2,4,6-Trichlorophenol	**8270C**	--	--	--	--	0.29 U
2,4-Dichlorophenol	**8270C**	--	--	--	--	0.64 U
2,4-Dimethylphenol	**8270C**	--	--	--	--	0.58 U
2,4-Dinitrophenol	**8270C**	--	--	--	--	10 U
2,4-Dinitrotoluene	**8270C**	--	--	--	--	1.7 U
2,6-Dichlorophenol	**8270C**	--	--	--	--	--
2,6-Dinitrotoluene	**8270C**	--	--	--	--	1.9 U
2-Chloronaphthalene	**8270C**	--	--	--	--	0.26 U
2-Chlorophenol	**8270C**	--	--	--	--	2 U
2-Methylnaphthalene	**8270C**	--	--	--	--	0.29 U
2-Methylnaphthalene	**8270C SIM**	--	--	--	--	0.0052 U
2-Nitroaniline	**8270C**	--	--	--	--	1.7 U
2-Nitrophenol	**8270C**	--	--	--	--	0.39 U
3,3'-Dichlorobenzidine	**8270C**	--	--	--	--	2 U
3-Methylcholanthrene	**8270C**	--	--	--	--	--
3-Nitroaniline	**8270C**	--	--	--	--	2 U
4,6-Dinitro-o-cresol	**8270C**	--	--	--	--	4 U
4-Aminobiphenyl	**8270C**	--	--	--	--	--
4-Bromophenylphenylether	**8270C**	--	--	--	--	0.43 U
4-Chlorophenylphenylether	**8270C**	--	--	--	--	1.7 U
4-Nitrophenol	**8270C**	--	--	--	--	1.2 U
4-Nitroquinoline-1-oxide	**8270C**	--	--	--	--	--
5-Nitro-o-toluidine	**8270C**	--	--	--	--	--
7,12-Dimethylbenz(a)anthracene	**8270C**	--	--	--	--	--
Acenaphthene	**8270C**	--	--	--	--	0.28 U
Acenaphthene	**8270C SIM**	--	--	--	--	0.011 U
Acenaphthylene	**8270C**	--	--	--	--	0.49 U
Acenaphthylene	**8270C SIM**	--	--	--	--	0.01 U
Acetamidofluorene	**8270C**	--	--	--	--	--
Acetophenone	**8270C**	--	--	--	--	--
alpha,alpha-Dimethylphenethylamine	**8270C**	--	--	--	--	--
alpha-Naphthylamine	**8270C**	--	--	--	--	--
alpha-Picoline	**8270C**	--	--	--	--	--
Aniline	**8270C**	--	--	--	--	2 U
Anthracene	**8270C**	--	--	--	--	0.42 U
Anthracene	**8270C SIM**	--	--	--	--	0.014 U
Aramite	**8270C**	--	--	--	--	--
Benzidine	**8270C**	--	--	--	--	50 U
Benzo(a)anthracene	**8270C**	--	--	--	--	0.35 U
Benzo(a)anthracene	**8270C SIM**	--	--	--	--	0.0033 U
Benzo(a)pyrene	**8270C**	--	--	--	--	0.31 U
Benzo(a)pyrene	**8270C SIM**	--	--	--	--	0.0052 U
Benzo(b)fluoranthene	**8270C**	--	--	--	--	0.53 U
Benzo(b)fluoranthene	**8270C SIM**	--	--	--	--	0.0035 U
Benzo(ghi)perylene	**8270C**	--	--	--	--	0.5 U
Benzo(ghi)perylene	**8270C SIM**	--	--	--	--	0.0036 U
Benzo(k)fluoranthene	**8270C**	--	--	--	--	0.46 U
Benzo(k)fluoranthene	**8270C SIM**	--	--	--	--	0.0051 U
Benzoicacid	**8270C**	--	--	--	--	10 U
Benzylalcohol	**8270C**	--	--	--	--	0.23 U
beta-Naphthylamine	**8270C**	--	--	--	--	--
bis(2-Chloroethoxy)methane	**8270C**	--	--	--	--	0.97 U
bis(2-Chloroethyl)ether	**8270C**	--	--	--	--	0.41 U
bis(2-Chloroisopropyl)ether	**8270C**	--	--	--	--	0.28 U
bis(2-Ethylhexyl)phthalate	**8270C**	--	--	--	--	50 U
bis(2-Ethylhexyl)phthalate	**8270C SIM**	--	--	--	--	10 U
Butylbenzylphthalate	**8270C**	--	--	--	--	1 U
Butylbenzylphthalate	**8270C SIM**	--	--	--	--	0.014 U
Chrysene	**8270C**	--	--	--	--	0.54 U
Chrysene	**8270C SIM**	--	--	--	--	0.0032 U
Dibenzo(a,h)anthracene	**8270C**	--	--	--	--	0.51 U
Dibenzo(a,h)anthracene	**8270C SIM**	--	--	--	--	0.0049 U
Dibenzofuran	**8270C**	--	--	--	--	0.29 U

TABLE 13
SEMI-VOLATILE ORGANIC COMPOUNDS ANALYTICAL RESULTS, 2012
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

	Well Identifier:	PZ-087B	PZ-087B	PZ-087B	PZ-087B	PZ-139
	SampleType:	Primary	Field Duplicate	Primary	Field Duplicate	Primary
	Sample Name:	PZ-087B_020212_01A	PZ-087B_020212_36A	PZ-087B_071712_01A	PZ-087B_071712_36A	PZ-139_013012_01A
	Groundwater Unit:	Shallow	Shallow	Shallow	Shallow	Shallow
	Lab Name:	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
	Collection Date:	2/2/2012	2/2/2012	7/17/2012	7/17/2012	1/30/2012
Analyte (µg/L)	**Method**					
Diethylphthalate	**8270C**	--	--	--	--	0.38 J
Diethylphthalate	**8270C SIM**	--	--	--	--	10 U
Dimethylphthalate	**8270C**	--	--	--	--	0.21 U
Dimethylphthalate	**8270C SIM**	--	--	--	--	0.018 U
Di-n-butylphthalate	**8270C**	--	--	--	--	1.2 U
Di-n-butylphthalate	**8270C SIM**	--	--	--	--	10 U
Di-n-octylphthalate	**8270C**	--	--	--	--	0.35 U
Di-n-octylphthalate	**8270C SIM**	--	--	--	--	10 U
Diphenylamine	**8270C**	--	--	--	--	--
Ethylmethanesulfonate	**8270C**	--	--	--	--	--
Famphur	**8270C**	--	--	--	--	--
Fluoranthene	**8270C**	--	--	--	--	0.2 U
Fluoranthene	**8270C SIM**	--	--	--	--	0.0046 U
Fluorene	**8270C**	--	--	--	--	0.31 U
Fluorene	**8270C SIM**	--	--	--	--	0.019 U
Formaldehyde	**8315**	--	--	--	--	50 U
Formaldehyde	**8315A**	--	--	--	--	--
Hexachlorobenzene	**8270C**	--	--	--	--	0.66 U
Hexachlorobutadiene	**8270C**	--	--	--	--	3.3 U
Hexachlorocyclopentadiene	**8270C**	--	--	--	--	1.5 U
Hexachloroethane	**8270C**	--	--	--	--	2.1 U
Hexachlorophene	**8151A**	--	--	--	--	--
Hexachlorophene	**8321A**	--	--	--	--	--
Hexachloropropene	**8270C**	--	--	--	--	--
Indeno(1,2,3-cd)pyrene	**8270C**	--	--	--	--	0.65 U
Indeno(1,2,3-cd)pyrene	**8270C SIM**	--	--	--	--	0.015 U
Isodrin	**8270C**	--	--	--	--	--
Isophorone	**8270C**	--	--	--	--	0.21 U
Isosafrole	**8270C**	--	--	--	--	--
m+pCresol	**8270C**	--	--	--	--	--
m-Cresol	**8270C**	--	--	--	--	--
Methapyrilene	**8270C**	--	--	--	--	--
Methylmethanesulfonate	**8270C**	--	--	--	--	--
Naphthalene	**8270C**	--	--	--	--	0.29 U
Naphthalene	**8270C SIM**	--	--	--	--	0.0054 U
Nitrobenzene	**8270C**	--	--	--	--	0.81 U
n-Nitrosodiethylamine	**8270C**	--	--	--	--	--
n-Nitrosodimethylamine	**1625M**	1.1	1.2	1.3	1.4	0.005 U
n-Nitrosodimethylamine	**8270C**	--	--	--	--	0.29 U
n-Nitrosodimethylamine	**8270C SIM**	--	--	--	--	0.13 U
n-Nitrosodi-n-butylamine	**8270C**	--	--	--	--	--
n-Nitrosodi-n-propylamine	**8270C**	--	--	--	--	0.35 U
n-Nitrosodiphenylamine	**8270C**	--	--	--	--	--
n-Nitrosodiphenylamine as Diphenylamine	**8270C**	--	--	--	--	0.44 U
n-Nitrosomethylethylamine	**8270C**	--	--	--	--	--
n-Nitrosomorpholine	**8270C**	--	--	--	--	--
n-Nitrosopiperidine	**8270C**	--	--	--	--	--
n-Nitrosopyrrolidine	**8270C**	--	--	--	--	--
o,o,o-Triethylphosphorothioate	**8270C**	--	--	--	--	--
o-Cresol	**8270C**	--	--	--	--	0.98 U
o-Tolidine	**8270C**	--	--	--	--	--
o-Toluidine	**8270C**	--	--	--	--	--
p-Chloroaniline	**8270C**	--	--	--	--	2.1 U
p-Chloro-m-cresol	**8270C**	--	--	--	--	2.4 U
p-Cresol	**8270C**	--	--	--	--	0.25 U
p-Dimethylaminoazobenzene	**8270C**	--	--	--	--	--
Pentachlorobenzene	**8270C**	--	--	--	--	--
Pentachloroethane	**8270C**	--	--	--	--	--
Pentachloronitrobenzene	**8270C**	--	--	--	--	--
Pentachlorophenol	**8270C**	--	--	--	--	20 U
Phenacetin	**8270C**	--	--	--	--	--
Phenanthrene	**8270C**	--	--	--	--	0.26 U
Phenanthrene	**8270C SIM**	--	--	--	--	0.0099 U
Phenol	**8270C**	--	--	--	--	2 U
p-Nitroaniline	**8270C**	--	--	--	--	2 U
p-Phenylenediamine	**8270C**	--	--	--	--	--
Pronamide	**8270C**	--	--	--	--	--
Pyrene	**8270C**	--	--	--	--	0.37 U
Pyrene	**8270C SIM**	--	--	--	--	0.0082 U
Pyridine	**8270C**	--	--	--	--	--
Safrole	**8270C**	--	--	--	--	--
sym-Trinitrobenzene	**8270C**	--	--	--	--	--
Tetraethyldithiopyrophosphate	**8270C**	--	--	--	--	--

TABLE 13
SEMI-VOLATILE ORGANIC COMPOUNDS ANALYTICAL RESULTS, 2012
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		PZ-139	PZ-139	PZ-140	PZ-140	PZ-140
SampleType:		Primary	Split	Primary	Split	Primary
Sample Name:		PZ-139_071812_01A	PZ-139_071812_03A	PZ-140_013012_01	PZ-140_013012_03	PZ-140_013112_01
Groundwater Unit:		Shallow	Shallow	Shallow	Shallow	Shallow
Lab Name:		TA- Denver	TA- Irvine	TA- Denver	TA- Irvine	TA- Denver
Collection Date:		7/18/2012	7/18/2012	1/30/2012	1/30/2012	1/31/2012
Analyte (µg/L)	**Method**					
1,2,4,5-Tetrachlorobenzene	**8270C**	--	--	--	--	--
1,2,4-Trichlorobenzene	**8270C**	0.28 U	2.4 U	0.29 U	2.6 U	--
1,2-Dichlorobenzene	**8270C**	0.23 U	2.9 U	0.24 U	3.1 U	--
1,3-Dichlorobenzene	**8270C**	0.3 U	2.9 U	0.31 U	3.1 U	--
1,3-Dinitrobenzene	**8270C**	--	--	--	--	--
1,4-Dichlorobenzene	**8270C**	0.32 U	2.4 U	0.33 U	2.6 U	--
1,4-Naphthoquinone	**8270C**	--	--	--	--	--
1-Methylnaphthalene	**8270C SIM**	0.0054 U	3.3 U	0.0057 U	3.7 R	--
2,3,4,6-Tetrachlorophenol	**8270C**	--	--	--	--	--
2,4,5-Trichlorophenol	**8270C**	0.45 U	2.9 U	0.47 U	3.1 U	--
2,4,6-Trichlorophenol	**8270C**	0.29 U	4.3 U	0.3 U	4.6 U	--
2,4-Dichlorophenol	**8270C**	0.63 U	3.3 U	0.66 U	3.6 U	--
2,4-Dimethylphenol	**8270C**	0.57 U	3.3 U	0.6 U	3.6 U	--
2,4-Dinitrophenol	**8270C**	9.9 U	7.6 U	10 U	8.2 U	--
2,4-Dinitrotoluene	**8270C**	1.6 U	3.3 U	1.7 U	3.6 U	--
2,6-Dichlorophenol	**8270C**	--	--	--	--	--
2,6-Dinitrotoluene	**8270C**	1.9 U	1.9 U	2 U	2 U	--
2-Chloronaphthalene	**8270C**	0.26 U	2.9 U	0.27 U	3.1 U	--
2-Chlorophenol	**8270C**	2 U	2.9 U	2.1 U	3.1 U	--
2-Methylnaphthalene	**8270C**	0.29 U	1.9 U	0.3 U	2 U	--
2-Methylnaphthalene	**8270C SIM**	0.005 U	1.9 U	0.0052 U	2.1 R	--
2-Nitroaniline	**8270C**	1.7 U	1.9 UJ	1.8 U	2 U	--
2-Nitrophenol	**8270C**	0.39 U	3.3 U	0.4 U	3.6 U	--
3,3'-Dichlorobenzidine	**8270C**	2 U	7.1 U	2.1 U	7.7 U	--
3-Methylcholanthrene	**8270C**	--	--	--	--	--
3-Nitroaniline	**8270C**	2 U	2.9 U	2.1 U	3.1 U	--
4,6-Dinitro-o-cresol	**8270C**	4 U	3.8 U	4.1 U	4.1 U	--
4-Aminobiphenyl	**8270C**	--	--	--	--	--
4-Bromophenylphenylether	**8270C**	0.43 U	2.9 U	0.45 U	3.1 U	--
4-Chlorophenylphenylether	**8270C**	1.6 U	2.4 U	1.7 U	2.6 U	--
4-Nitrophenol	**8270C**	1.2 U	5.2 U	1.3 U	5.6 U	--
4-Nitroquinoline-1-oxide	**8270C**	--	--	--	--	--
5-Nitro-o-toluidine	**8270C**	--	--	--	--	--
7,12-Dimethylbenz(a)anthracene	**8270C**	--	--	--	--	--
Acenaphthene	**8270C**	0.28 U	2.9 U	0.29 U	3.1 U	--
Acenaphthene	**8270C SIM**	0.01 U	0.048 U	0.011 U	0.053 R	--
Acenaphthylene	**8270C**	0.48 U	2.9 U	0.51 U	3.1 U	--
Acenaphthylene	**8270C SIM**	0.0096 U	0.048 U	0.01 U	0.053 R	--
Acetamidofluorene	**8270C**	--	--	--	--	--
Acetophenone	**8270C**	--	--	--	--	--
alpha,alpha-Dimethylphenethylamine	**8270C**	--	--	--	--	--
alpha-Naphthylamine	**8270C**	--	--	--	--	--
alpha-Picoline	**8270C**	--	--	--	--	--
Aniline	**8270C**	2 U	3.3 U	2.1 U	3.6 U	--
Anthracene	**8270C**	0.42 U	2.4 U	0.44 U	2.6 U	--
Anthracene	**8270C SIM**	0.014 U	0.048 U	0.014 U	0.053 R	--
Aramite	**8270C**	--	--	--	--	--
Benzidine	**8270C**	49 U	9.5 U	52 U	10 U	--
Benzo(a)anthracene	**8270C**	0.35 U	2.4 U	0.36 U	2.6 U	--
Benzo(a)anthracene	**8270C SIM**	0.0031 U	0.048 U	0.0033 U	0.053 R	--
Benzo(a)pyrene	**8270C**	0.31 U	2.9 U	0.32 U	3.1 U	--
Benzo(a)pyrene	**8270C SIM**	0.0049 U	0.048 U	0.0052 U	0.053 R	--
Benzo(b)fluoranthene	**8270C**	0.53 U	1.9 U	0.55 U	2 U	--
Benzo(b)fluoranthene	**8270C SIM**	0.0033 U	0.048 U	0.0035 U	0.053 R	--
Benzo(ghi)perylene	**8270C**	0.49 U	3.8 U	0.52 U	4.1 U	--
Benzo(ghi)perylene	**8270C SIM**	0.0034 U	0.048 U	0.0036 U	0.053 R	--
Benzo(k)fluoranthene	**8270C**	0.46 U	2.4 U	0.48 U	2.6 U	--
Benzo(k)fluoranthene	**8270C SIM**	0.0049 U	0.048 U	0.0051 U	0.053 R	--
Benzoicacid	**8270C**	9.9 U	9.5 U	10 U	10 U	--
Benzylalcohol	**8270C**	0.23 U	3.3 U	0.24 U	3.6 U	--
beta-Naphthylamine	**8270C**	--	--	--	--	--
bis(2-Chloroethoxy)methane	**8270C**	0.96 U	2.9 U	1 U	3.1 U	--
bis(2-Chloroethyl)ether	**8270C**	0.41 U	2.9 U	0.43 U	3.1 U	--
bis(2-Chloroisopropyl)ether	**8270C**	0.28 U	2.4 U	0.29 U	2.6 U	--
bis(2-Ethylhexyl)phthalate	**8270C**	0.55 U	3.8 U	52 U	4.1 U	--
bis(2-Ethylhexyl)phthalate	**8270C SIM**	9.6 U	3.5 U	10 U	3.8 R	--
Butylbenzylphthalate	**8270C**	0.99 U	3.8 U	1 U	4.1 U	--
Butylbenzylphthalate	**8270C SIM**	0.013 U	0.31 U	0.014 U	0.35 R	--
Chrysene	**8270C**	0.53 U	2.4 U	0.56 U	2.6 U	--
Chrysene	**8270C SIM**	0.0031 U	0.048 U	0.0032 U	0.053 R	--
Dibenzo(a,h)anthracene	**8270C**	0.5 U	2.9 U	0.53 U	3.1 U	--
Dibenzo(a,h)anthracene	**8270C SIM**	0.0046 U	0.048 U	0.0049 U	0.053 R	--
Dibenzofuran	**8270C**	0.29 U	3.8 U	0.3 U	4.1 U	--

TABLE 13
SEMI-VOLATILE ORGANIC COMPOUNDS ANALYTICAL RESULTS, 2012
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		PZ-139	PZ-139	PZ-140	PZ-140	PZ-140
SampleType:		Primary	Split	Primary	Split	Primary
Sample Name:		PZ-139_071812_01A	PZ-139_071812_03A	PZ-140_013012_01	PZ-140_013012_03	PZ-140_013112_01
Groundwater Unit:		Shallow	Shallow	Shallow	Shallow	Shallow
Lab Name:		TA- Denver	TA- Irvine	TA- Denver	TA- Irvine	TA- Denver
Collection Date:		7/18/2012	7/18/2012	1/30/2012	1/30/2012	1/31/2012
Analyte (µg/L)	**Method**					
Diethylphthalate	**8270C**	0.75 J	3.3 U	0.39 U	3.6 U	--
Diethylphthalate	**8270C SIM**	9.6 U	4.8 J	1.4 J	0.65 R	--
Dimethylphthalate	**8270C**	0.21 U	2.4 U	0.22 U	2.6 U	--
Dimethylphthalate	**8270C SIM**	0.017 U	0.3 U	0.018 U	0.34 R	--
Di-n-butylphthalate	**8270C**	1.1 U	2.9 U	1.2 U	3.1 U	--
Di-n-butylphthalate	**8270C SIM**	0.011 U	0.63 U	10 U	0.69 R	--
Di-n-octylphthalate	**8270C**	0.35 U	3.3 U	0.36 U	3.6 U	--
Di-n-octylphthalate	**8270C SIM**	9.6 U	0.42 U	10 U	0.46 R	--
Diphenylamine	**8270C**	--	--	--	--	--
Ethylmethanesulfonate	**8270C**	--	--	--	--	--
Famphur	**8270C**	--	--	--	--	--
Fluoranthene	**8270C**	0.2 U	2.9 U	0.21 U	3.1 U	--
Fluoranthene	**8270C SIM**	0.0044 U	0.048 U	10 U	0.053 R	--
Fluorene	**8270C**	0.31 U	2.9 U	0.32 U	3.1 U	--
Fluorene	**8270C SIM**	0.018 U	0.048 UJ	0.019 U	0.053 R	--
Formaldehyde	**8315**	50 U	--	--	--	8.4 R
Formaldehyde	**8315A**	--	11 J	--	--	--
Hexachlorobenzene	**8270C**	0.65 U	2.9 U	0.68 U	3.1 U	--
Hexachlorobutadiene	**8270C**	3.3 U	3.8 U	3.4 U	4.1 U	--
Hexachlorocyclopentadiene	**8270C**	9.9 U	4.8 U	1.6 U	5.1 U	--
Hexachloroethane	**8270C**	2.1 U	3.3 U	2.2 U	3.6 U	--
Hexachlorophene	**8151A**	--	--	--	--	--
Hexachlorophene	**8321A**	--	--	--	--	--
Hexachloropropene	**8270C**	--	--	--	--	--
Indeno(1,2,3-cd)pyrene	**8270C**	0.64 U	3.3 U	0.67 U	3.6 U	--
Indeno(1,2,3-cd)pyrene	**8270C SIM**	0.014 U	0.048 U	0.015 U	0.053 R	--
Isodrin	**8270C**	--	--	--	--	--
Isophorone	**8270C**	0.21 U	2.9 U	0.22 U	3.1 U	--
Isosafrole	**8270C**	--	--	--	--	--
m+pCresol	**8270C**	--	--	--	--	--
m-Cresol	**8270C**	--	--	--	--	--
Methapyrilene	**8270C**	--	--	--	--	--
Methylmethanesulfonate	**8270C**	--	--	--	--	--
Naphthalene	**8270C**	0.29 U	2.9 U	0.3 U	3.1 U	--
Naphthalene	**8270C SIM**	0.0051 U	0.048 U	0.0054 U	0.053 R	--
Nitrobenzene	**8270C**	0.8 U	2.9 U	0.84 U	3.1 U	--
n-Nitrosodiethylamine	**8270C**	--	--	--	--	--
n-Nitrosodimethylamine	**1625M**	0.005 U	0.0048 U	0.005 U	0.005 U	--
n-Nitrosodimethylamine	**8270C**	0.29 U	--	0.3 U	--	--
n-Nitrosodimethylamine	**8270C SIM**	0.13 U	0.76 U	0.13 U	0.84 R	--
n-Nitrosodi-n-butylamine	**8270C**	--	--	--	--	--
n-Nitrosodi-n-propylamine	**8270C**	0.35 U	3.3 U	0.36 U	3.6 U	--
n-Nitrosodiphenylamine	**8270C**	--	--	--	2 U	--
n-Nitrosodiphenylamine as Diphenylamine	**8270C**	0.44 U	1.9 U	0.46 U	--	--
n-Nitrosomethylethylamine	**8270C**	--	--	--	--	--
n-Nitrosomorpholine	**8270C**	--	--	--	--	--
n-Nitrosopiperidine	**8270C**	--	--	--	--	--
n-Nitrosopyrrolidine	**8270C**	--	--	--	--	--
o,o,o-Triethylphosphorothioate	**8270C**	--	--	--	--	--
o-Cresol	**8270C**	0.97 U	2.9 U	1 U	3.1 U	--
o-Tolidine	**8270C**	--	--	--	--	--
o-Toluidine	**8270C**	--	--	--	--	--
p-Chloroaniline	**8270C**	2.1 U	1.9 U	2.2 U	2 U	--
p-Chloro-m-cresol	**8270C**	2.4 U	2.4 U	2.5 U	2.6 U	--
p-Cresol	**8270C**	0.25 U	2.9 U	0.26 U	3.1 U	--
p-Dimethylaminoazobenzene	**8270C**	--	--	--	--	--
Pentachlorobenzene	**8270C**	--	--	--	--	--
Pentachloroethane	**8270C**	--	--	--	--	--
Pentachloronitrobenzene	**8270C**	--	--	--	--	--
Pentachlorophenol	**8270C**	20 U	3.3 U	21 U	3.6 U	--
Phenacetin	**8270C**	--	--	--	--	--
Phenanthrene	**8270C**	0.26 U	3.3 U	0.27 U	3.6 U	--
Phenanthrene	**8270C SIM**	0.0094 U	0.048 U	10 U	0.053 R	--
Phenol	**8270C**	2 U	1.9 U	2.1 U	2 U	--
p-Nitroaniline	**8270C**	2 U	3.8 U	2.1 U	4.1 U	--
p-Phenylenediamine	**8270C**	--	--	--	--	--
Pronamide	**8270C**	--	--	--	--	--
Pyrene	**8270C**	0.37 U	3.8 U	0.38 U	4.1 U	--
Pyrene	**8270C SIM**	0.0078 U	0.048 U	10 U	0.053 R	--
Pyridine	**8270C**	--	--	--	--	--
Safrole	**8270C**	--	--	--	--	--
sym-Trinitrobenzene	**8270C**	--	--	--	--	--
Tetraethyldithiopyrophosphate	**8270C**	--	--	--	--	--

TABLE 13
SEMI-VOLATILE ORGANIC COMPOUNDS ANALYTICAL RESULTS, 2012
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		PZ-140	PZ-140	PZ-140	PZ-141	PZ-141	PZ-141
SampleType:		Split	Primary	Field Duplicate	Primary	Field Duplicate	Primary
Sample Name:		PZ-140_013112_03	PZ-140_071912_01	PZ-140_071912_36	PZ-141_011212_01	PZ-141_011212_36	PZ-141_071912_01A
Groundwater Unit:		Shallow	Shallow	Shallow	Shallow	Shallow	Shallow
Lab Name:		TA- Irvine	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
Collection Date:		1/31/2012	7/19/2012	7/19/2012	1/12/2012	1/12/2012	7/19/2012
Analyte (µg/L)	**Method**						
1,2,4,5-Tetrachlorobenzene	**8270C**	--	--	--	--	--	--
1,2,4-Trichlorobenzene	**8270C**	--	0.27 U	0.28 U	0.27 U	0.27 U	0.27 U
1,2-Dichlorobenzene	**8270C**	--	0.22 U	0.23 U	0.22 U	0.22 U	0.23 U
1,3-Dichlorobenzene	**8270C**	--	0.29 U	0.3 U	0.29 U	0.28 U	0.29 U
1,3-Dinitrobenzene	**8270C**	--	--	--	--	--	--
1,4-Dichlorobenzene	**8270C**	--	0.3 U	0.32 U	0.31 U	0.3 U	0.31 U
1,4-Naphthoquinone	**8270C**	--	--	--	--	--	--
1-Methylnaphthalene	**8270C SIM**	--	0.0054 U	0.0054 U	0.0054 U	0.0057 U	0.0056 U
2,3,4,6-Tetrachlorophenol	**8270C**	--	--	--	--	--	--
2,4,5-Trichlorophenol	**8270C**	--	0.43 U	0.45 U	0.43 U	0.43 U	0.44 U
2,4,6-Trichlorophenol	**8270C**	--	0.28 U	0.29 U	0.28 U	0.27 U	0.28 U
2,4-Dichlorophenol	**8270C**	--	0.61 U	0.64 U	0.61 U	0.61 U	0.63 U
2,4-Dimethylphenol	**8270C**	--	0.55 U	0.58 U	0.55 U	0.55 U	0.57 U
2,4-Dinitrophenol	**8270C**	--	9.5 U	10 U	9.5 U	9.5 U	9.8 U
2,4-Dinitrotoluene	**8270C**	--	1.6 U	1.7 U	1.6 U	1.6 U	1.6 U
2,6-Dichlorophenol	**8270C**	--	--	--	--	--	--
2,6-Dinitrotoluene	**8270C**	--	1.8 U	1.9 U	1.8 U	1.8 U	1.9 U
2-Chloronaphthalene	**8270C**	--	0.25 U	0.26 U	0.25 U	0.25 U	0.26 U
2-Chlorophenol	**8270C**	--	1.9 U	2 U	1.9 U	1.9 U	2 U
2-Methylnaphthalene	**8270C**	--	0.28 U	0.29 U	0.28 U	0.27 U	0.28 U
2-Methylnaphthalene	**8270C SIM**	--	0.0072 J	0.0065 J	0.0049 U	0.0052 U	0.0051 U
2-Nitroaniline	**8270C**	--	1.6 U	1.7 U	1.6 U	1.6 U	1.7 U
2-Nitrophenol	**8270C**	--	0.37 U	0.39 U	0.37 U	0.37 U	0.38 U
3,3'-Dichlorobenzidine	**8270C**	--	1.9 U	2 U	1.9 U	1.9 U	2 U
3-Methylcholanthrene	**8270C**	--	--	--	--	--	--
3-Nitroaniline	**8270C**	--	1.9 U	2 U	1.9 U	1.9 U	2 U
4,6-Dinitro-o-cresol	**8270C**	--	3.8 U	4 U	3.8 U	3.8 U	3.9 U
4-Aminobiphenyl	**8270C**	--	--	--	--	--	--
4-Bromophenylphenylether	**8270C**	--	0.41 U	0.43 U	0.41 U	0.41 U	0.42 U
4-Chlorophenylphenylether	**8270C**	--	1.6 U	1.7 U	1.6 U	1.6 U	1.6 U
4-Nitrophenol	**8270C**	--	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
4-Nitroquinoline-1-oxide	**8270C**	--	--	--	--	--	--
5-Nitro-o-toluidine	**8270C**	--	--	--	--	--	--
7,12-Dimethylbenz(a)anthracene	**8270C**	--	--	--	--	--	--
Acenaphthene	**8270C**	--	0.27 U	0.28 U	0.27 U	0.27 U	0.27 U
Acenaphthene	**8270C SIM**	--	0.01 U	0.01 U	0.01 U	0.011 U	0.011 U
Acenaphthylene	**8270C**	--	0.47 U	0.49 U	0.47 U	0.46 U	0.48 U
Acenaphthylene	**8270C SIM**	--	0.0095 U	0.0095 U	0.0095 U	0.01 U	0.0099 U
Acetamidofluorene	**8270C**	--	--	--	--	--	--
Acetophenone	**8270C**	--	--	--	--	--	--
alpha,alpha-Dimethylphenethylamine	**8270C**	--	--	--	--	--	--
alpha-Naphthylamine	**8270C**	--	--	--	--	--	--
alpha-Picoline	**8270C**	--	--	--	--	--	--
Aniline	**8270C**	--	1.9 U	2 U	1.9 U	1.9 U	2 U
Anthracene	**8270C**	--	0.4 U	0.42 U	0.4 U	0.4 U	0.41 U
Anthracene	**8270C SIM**	--	0.014 U	0.014 U	0.014 U	0.014 U	0.014 U
Aramite	**8270C**	--	--	--	--	--	--
Benzidine	**8270C**	--	48 U	50 U	48 U	47 U	49 U
Benzo(a)anthracene	**8270C**	--	0.33 U	0.35 U	0.33 U	0.33 U	0.34 UJ
Benzo(a)anthracene	**8270C SIM**	--	0.0031 U	0.0031 U	0.0031 U	0.0032 U	0.0032 U
Benzo(a)pyrene	**8270C**	--	0.29 U	0.31 U	0.3 U	0.29 U	0.3 UJ
Benzo(a)pyrene	**8270C SIM**	--	0.0049 U	0.0049 U	0.0049 U	0.0052 U	0.0051 U
Benzo(b)fluoranthene	**8270C**	--	0.51 U	0.53 U	0.51 U	0.5 U	0.52 UJ
Benzo(b)fluoranthene	**8270C SIM**	--	0.0033 U	0.0033 U	0.0033 U	0.0034 U	0.0034 U
Benzo(ghi)perylene	**8270C**	--	0.48 U	0.5 U	0.48 U	0.47 U	0.49 U
Benzo(ghi)perylene	**8270C SIM**	--	0.0034 U	0.0034 U	0.0034 U	0.0036 U	0.0035 U
Benzo(k)fluoranthene	**8270C**	--	0.44 U	0.46 U	0.44 U	0.44 U	0.45 U
Benzo(k)fluoranthene	**8270C SIM**	--	0.0048 U	0.0048 U	0.0048 U	0.0051 U	0.005 U
Benzoicacid	**8270C**	--	9.5 U	10 U	9.5 U	9.5 U	9.8 U
Benzylalcohol	**8270C**	--	19 U	20 U	0.22 U	0.22 U	20 U
beta-Naphthylamine	**8270C**	--	--	--	--	--	--
bis(2-Chloroethoxy)methane	**8270C**	--	0.92 U	0.97 U	0.92 U	0.92 U	0.95 U
bis(2-Chloroethyl)ether	**8270C**	--	0.39 U	0.41 U	0.39 U	0.39 U	0.4 U
bis(2-Chloroisopropyl)ether	**8270C**	--	0.27 U	0.28 U	0.27 U	0.27 U	0.27 U
bis(2-Ethylhexyl)phthalate	**8270C**	--	9.5 U	10 U	0.53 U	47 U	9.8 U
bis(2-Ethylhexyl)phthalate	**8270C SIM**	--	9.6 U	9.6 U	0.27 J	0.15 J	10 U
Butylbenzylphthalate	**8270C**	--	0.95 U	1 U	0.95 U	0.95 U	0.98 U
Butylbenzylphthalate	**8270C SIM**	--	0.013 U	0.013 U	0.052 J	0.02 J	0.013 U
Chrysene	**8270C**	--	0.51 U	0.54 U	0.51 U	0.51 U	0.53 UJ
Chrysene	**8270C SIM**	--	0.0033 J	0.0064 J	0.003 U	0.0032 U	0.0032 U
Dibenzo(a,h)anthracene	**8270C**	--	0.49 U	0.51 U	0.49 U	0.48 U	0.5 UJ
Dibenzo(a,h)anthracene	**8270C SIM**	--	0.0046 U	0.0046 U	0.0046 U	0.0048 U	0.0048 U
Dibenzofuran	**8270C**	--	0.28 U	0.29 U	0.28 U	0.27 U	0.28 U

TABLE 13
SEMI-VOLATILE ORGANIC COMPOUNDS ANALYTICAL RESULTS, 2012
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		PZ-140	PZ-140	PZ-140	PZ-141	PZ-141	PZ-141
SampleType:		Split	Primary	Field Duplicate	Primary	Field Duplicate	Primary
Sample Name:		PZ-140_013112_03	PZ-140_071912_01	PZ-140_071912_36	PZ-141_011212_01	PZ-141_011212_36	PZ-141_071912_01A
Groundwater Unit:		Shallow	Shallow	Shallow	Shallow	Shallow	Shallow
Lab Name:		TA- Irvine	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
Collection Date:		1/31/2012	7/19/2012	7/19/2012	1/12/2012	1/12/2012	7/19/2012
Analyte (µg/L)	**Method**						
Diethylphthalate	**8270C**	--	3.6 J	0.38 U	2.1 J	0.71 J	0.37 U
Diethylphthalate	**8270C SIM**	--	9.6 U	9.6 U	3.3 J	0.56 J	10 U
Dimethylphthalate	**8270C**	--	0.2 U	0.21 U	0.2 U	0.2 U	0.21 U
Dimethylphthalate	**8270C SIM**	--	0.017 U	0.017 U	0.018 J	0.018 U	0.018 U
Di-n-butylphthalate	**8270C**	--	1.1 U	1.2 U	1.1 U	1.1 U	1.1 U
Di-n-butylphthalate	**8270C SIM**	--	0.01 U	0.01 U	9.5 U	10 U	0.011 U
Di-n-octylphthalate	**8270C**	--	0.33 U	0.35 U	0.33 U	0.33 U	0.34 U
Di-n-octylphthalate	**8270C SIM**	--	9.6 U	9.6 U	9.5 U	10 U	10 U
Diphenylamine	**8270C**	--	--	--	--	--	--
Ethylmethanesulfonate	**8270C**	--	--	--	--	--	--
Famphur	**8270C**	--	--	--	--	--	--
Fluoranthene	**8270C**	--	0.19 U	0.2 U	0.19 U	0.19 U	0.2 U
Fluoranthene	**8270C SIM**	--	0.0043 U	0.0043 U	0.0043 U	0.0045 U	0.0045 U
Fluorene	**8270C**	--	0.29 U	0.31 U	0.3 U	0.29 U	0.3 U
Fluorene	**8270C SIM**	--	0.018 U	0.018 U	0.018 U	0.019 U	0.019 U
Formaldehyde	**8315**	--	50 U	50 U	50 U	50 U	50 U
Formaldehyde	**8315A**	50 U	--	--	--	--	--
Hexachlorobenzene	**8270C**	--	0.63 U	0.66 U	0.63 U	0.63 U	0.65 UJ
Hexachlorobutadiene	**8270C**	--	3.1 U	3.3 U	3.1 U	3.1 U	3.2 U
Hexachlorocyclopentadiene	**8270C**	--	9.5 U	10 U	1.5 U	1.4 U	9.8 U
Hexachloroethane	**8270C**	--	2 U	2.1 U	2 U	2 U	2.1 U
Hexachlorophene	**8151A**	--	--	--	--	--	--
Hexachlorophene	**8321A**	--	--	--	--	--	--
Hexachloropropene	**8270C**	--	--	--	--	--	--
Indeno(1,2,3-cd)pyrene	**8270C**	--	0.62 U	0.65 U	0.62 U	0.62 U	0.64 U
Indeno(1,2,3-cd)pyrene	**8270C SIM**	--	0.014 U	0.014 U	0.014 U	0.015 U	0.015 U
Isodrin	**8270C**	--	--	--	--	--	--
Isophorone	**8270C**	--	0.2 U	0.21 U	0.2 U	0.2 U	0.21 U
Isosafrole	**8270C**	--	--	--	--	--	--
m+pCresol	**8270C**	--	--	--	--	--	--
m-Cresol	**8270C**	--	--	--	--	--	--
Methapyrilene	**8270C**	--	--	--	--	--	--
Methylmethanesulfonate	**8270C**	--	--	--	--	--	--
Naphthalene	**8270C**	--	0.28 U	0.29 U	0.28 U	0.27 U	0.28 U
Naphthalene	**8270C SIM**	--	0.024 J	0.022 J	0.0067 J	0.0053 U	0.0053 U
Nitrobenzene	**8270C**	--	0.77 U	0.81 U	0.77 U	0.77 U	0.8 U
n-Nitrosodiethylamine	**8270C**	--	--	--	--	--	--
n-Nitrosodimethylamine	**1625M**	--	0.005 UJ	0.005 UJ	0.005 U	0.005 U	0.005 UJ
n-Nitrosodimethylamine	**8270C**	--	0.28 U	0.29 U	0.28 U	0.27 U	0.28 U
n-Nitrosodimethylamine	**8270C SIM**	--	0.12 U	0.12 U	0.12 U	0.13 U	0.13 U
n-Nitrosodi-n-butylamine	**8270C**	--	--	--	--	--	--
n-Nitrosodi-n-propylamine	**8270C**	--	0.33 U	0.35 U	0.33 U	0.33 U	0.34 U
n-Nitrosodiphenylamine	**8270C**	--	--	--	--	--	--
n-Nitrosodiphenylamine as Diphenylamine	**8270C**	--	0.42 U	0.44 U	0.42 U	0.42 U	0.43 U
n-Nitrosomethylethylamine	**8270C**	--	--	--	--	--	--
n-Nitrosomorpholine	**8270C**	--	--	--	--	--	--
n-Nitrosopiperidine	**8270C**	--	--	--	--	--	--
n-Nitrosopyrrolidine	**8270C**	--	--	--	--	--	--
o,o,o-Triethylphosphorothioate	**8270C**	--	--	--	--	--	--
o-Cresol	**8270C**	--	0.93 U	0.98 U	0.93 U	0.93 U	0.96 U
o-Tolidine	**8270C**	--	--	--	--	--	--
o-Toluidine	**8270C**	--	--	--	--	--	--
p-Chloroaniline	**8270C**	--	2 U	2.1 U	2 U	2 U	2.1 U
p-Chloro-m-cresol	**8270C**	--	2.3 U	2.4 U	2.3 U	2.3 U	2.4 U
p-Cresol	**8270C**	--	0.24 U	0.25 U	0.24 U	0.24 U	0.25 U
p-Dimethylaminoazobenzene	**8270C**	--	--	--	--	--	--
Pentachlorobenzene	**8270C**	--	--	--	--	--	--
Pentachloroethane	**8270C**	--	--	--	--	--	--
Pentachloronitrobenzene	**8270C**	--	--	--	--	--	--
Pentachlorophenol	**8270C**	--	19 U	20 U	19 U	19 U	20 U
Phenacetin	**8270C**	--	--	--	--	--	--
Phenanthrene	**8270C**	--	0.25 U	0.26 U	0.25 U	0.25 U	0.26 U
Phenanthrene	**8270C SIM**	--	0.0093 U	0.0093 U	0.0093 U	0.0098 U	0.0097 U
Phenol	**8270C**	--	1.9 U	2 U	1.9 U	1.9 U	2 U
p-Nitroaniline	**8270C**	--	1.9 U	2 U	1.9 U	1.9 U	2 U
p-Phenylenediamine	**8270C**	--	--	--	--	--	--
Pronamide	**8270C**	--	--	--	--	--	--
Pyrene	**8270C**	--	0.35 U	0.37 U	0.35 U	0.35 U	0.36 U
Pyrene	**8270C SIM**	--	0.0077 U	0.0077 U	0.0077 U	0.0081 U	0.0081 U
Pyridine	**8270C**	--	--	--	--	--	--
Safrole	**8270C**	--	--	--	--	--	--
sym-Trinitrobenzene	**8270C**	--	--	--	--	--	--
Tetraethyldithiopyrophosphate	**8270C**	--	--	--	--	--	--

TABLE 13
SEMI-VOLATILE ORGANIC COMPOUNDS ANALYTICAL RESULTS, 2012
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		PZ-158	PZ-159	PZ-159	PZ-159	RD-02
SampleType:		Primary	Primary	Primary	Primary	Primary
Sample Name:		PZ-158_012012_01A	PZ-159_020712_01	PZ-159_072512_01A	PZ-159_080812_01A	RD-02_020212_01
Groundwater Unit:		Shallow	Shallow	Shallow	Shallow	Chatsworth
Lab Name:		TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
Collection Date:		1/20/2012	2/7/2012	7/25/2012	8/8/2012	2/2/2012
Analyte (µg/L)	**Method**					
1,2,4,5-Tetrachlorobenzene	8270C	--	--	--	--	--
1,2,4-Trichlorobenzene	8270C	0.29 U	0.28 U	0.29 U	--	--
1,2-Dichlorobenzene	8270C	0.24 U	0.23 U	0.23 U	--	--
1,3-Dichlorobenzene	8270C	0.31 U	0.3 U	0.31 U	--	--
1,3-Dinitrobenzene	8270C	--	--	--	--	--
1,4-Dichlorobenzene	8270C	0.33 U	0.32 U	0.33 U	--	--
1,4-Naphthoquinone	8270C	--	--	--	--	--
1-Methylnaphthalene	8270C SIM	--	0.0059 U	--	0.0054 U	--
2,3,4,6-Tetrachlorophenol	8270C	--	--	--	--	--
2,4,5-Trichlorophenol	8270C	0.46 U	0.45 U	0.46 U	--	--
2,4,6-Trichlorophenol	8270C	0.3 U	0.29 U	0.3 U	--	--
2,4-Dichlorophenol	8270C	0.66 U	0.65 U	0.65 U	--	--
2,4-Dimethylphenol	8270C	0.59 U	0.59 U	0.59 U	--	--
2,4-Dinitrophenol	8270C	10 U	10 U	10 U	--	--
2,4-Dinitrotoluene	8270C	1.7 U	1.7 U	1.7 U	--	--
2,6-Dichlorophenol	8270C	--	--	--	--	--
2,6-Dinitrotoluene	8270C	1.9 U	1.9 U	1.9 U	--	--
2-Chloronaphthalene	8270C	0.27 U	0.26 U	0.26 U	--	--
2-Chlorophenol	8270C	2 U	2 U	2 U	--	--
2-Methylnaphthalene	8270C	0.3 U	0.29 U	0.3 U	--	--
2-Methylnaphthalene	8270C SIM	--	0.0056 J	--	0.005 U	--
2-Nitroaniline	8270C	1.8 U	1.7 U	1.8 U	--	--
2-Nitrophenol	8270C	0.4 U	0.39 U	0.4 U	--	--
3,3'-Dichlorobenzidine	8270C	2 U	2 U	2 U	--	--
3-Methylcholanthrene	8270C	--	--	--	--	--
3-Nitroaniline	8270C	2 U	2 U	2 U	--	--
4,6-Dinitro-o-cresol	8270C	4.1 U	4 U	4.1 U	--	--
4-Aminobiphenyl	8270C	--	--	--	--	--
4-Bromophenylphenylether	8270C	0.44 U	0.43 U	0.44 U	--	--
4-Chlorophenylphenylether	8270C	1.7 U	1.7 U	1.7 U	--	--
4-Nitrophenol	8270C	1.3 U	1.2 U	1.3 U	--	--
4-Nitroquinoline-1-oxide	8270C	--	--	--	--	--
5-Nitro-o-toluidine	8270C	--	--	--	--	--
7,12-Dimethylbenz(a)anthracene	8270C	--	--	--	--	--
Acenaphthene	8270C	0.29 U	0.28 U	0.29 U	--	--
Acenaphthene	8270C SIM	--	0.011 U	--	0.01 U	--
Acenaphthylene	8270C	0.5 U	0.49 U	0.5 U	--	--
Acenaphthylene	8270C SIM	--	0.01 U	--	0.0096 U	--
Acetamidofluorene	8270C	--	--	--	--	--
Acetophenone	8270C	--	--	--	--	--
alpha,alpha-Dimethylphenethylamine	8270C	--	--	--	--	--
alpha-Naphthylamine	8270C	--	--	--	--	--
alpha-Picoline	8270C	--	--	--	--	--
Aniline	8270C	2 U	2 U	2 U	--	--
Anthracene	8270C	0.43 U	0.42 U	0.43 U	--	--
Anthracene	8270C SIM	--	0.015 U	--	0.014 U	--
Aramite	8270C	--	--	--	--	--
Benzidine	8270C	51 U	51 U	51 U	--	--
Benzo(a)anthracene	8270C	0.36 U	0.35 U	0.36 U	--	--
Benzo(a)anthracene	8270C SIM	--	0.0034 U	--	0.0031 U	--
Benzo(a)pyrene	8270C	0.32 U	0.31 U	0.32 U	--	--
Benzo(a)pyrene	8270C SIM	--	0.0054 U	--	0.0049 U	--
Benzo(b)fluoranthene	8270C	0.54 U	0.54 U	0.54 U	--	--
Benzo(b)fluoranthene	8270C SIM	--	0.0036 U	--	0.0033 U	--
Benzo(ghi)perylene	8270C	0.51 U	0.51 U	0.51 U	--	--
Benzo(ghi)perylene	8270C SIM	--	0.0037 U	--	9.6 U	--
Benzo(k)fluoranthene	8270C	0.47 U	0.46 U	0.47 U	--	--
Benzo(k)fluoranthene	8270C SIM	--	0.0053 U	--	0.0049 U	--
Benzoicacid	8270C	10 U	10 U	10 U	--	--
Benzylalcohol	8270C	0.24 U	0.23 U	0.23 U	--	--
beta-Naphthylamine	8270C	--	--	--	--	--
bis(2-Chloroethoxy)methane	8270C	0.99 U	0.98 U	0.99 U	--	--
bis(2-Chloroethyl)ether	8270C	0.42 U	0.41 U	0.42 U	--	--
bis(2-Chloroisopropyl)ether	8270C	0.29 U	0.28 U	0.29 U	--	--
bis(2-Ethylhexyl)phthalate	8270C	51 U	0.57 U	0.57 U	--	--
bis(2-Ethylhexyl)phthalate	8270C SIM	--	10 U	--	9.6 U	--
Butylbenzylphthalate	8270C	1 U	1 U	1 U	--	--
Butylbenzylphthalate	8270C SIM	--	0.021 J	--	0.013 U	--
Chrysene	8270C	0.55 U	0.55 U	0.55 U	--	--
Chrysene	8270C SIM	--	10 U	--	0.0031 U	--
Dibenzo(a,h)anthracene	8270C	0.52 U	0.52 U	0.52 U	--	--
Dibenzo(a,h)anthracene	8270C SIM	--	0.0051 U	--	9.6 U	--
Dibenzofuran	8270C	0.3 U	0.29 U	0.3 U	--	--

TABLE 13
SEMI-VOLATILE ORGANIC COMPOUNDS ANALYTICAL RESULTS, 2012
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

	Well Identifier:	PZ-158	PZ-159	PZ-159	PZ-159	RD-02
	SampleType:	Primary	Primary	Primary	Primary	Primary
	Sample Name:	PZ-158_012012_01A	PZ-159_020712_01	PZ-159_072512_01A	PZ-159_080812_01A	RD-02_020212_01
	Groundwater Unit:	Shallow	Shallow	Shallow	Shallow	Chatsworth
	Lab Name:	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
	Collection Date:	1/20/2012	2/7/2012	7/25/2012	8/8/2012	2/2/2012
Analyte (µg/L)	**Method**					
Diethylphthalate	**8270C**	0.39 U	1.3 J	4.2 J	--	--
Diethylphthalate	**8270C SIM**	--	1 J	--	9.6 U	--
Dimethylphthalate	**8270C**	0.22 U	0.21 U	0.21 U	--	--
Dimethylphthalate	**8270C SIM**	--	0.019 U	--	0.017 U	--
Di-n-butylphthalate	**8270C**	1.2 U	1.2 U	1.2 U	--	--
Di-n-butylphthalate	**8270C SIM**	--	10 U	--	0.011 U	--
Di-n-octylphthalate	**8270C**	0.36 U	0.35 U	0.36 U	--	--
Di-n-octylphthalate	**8270C SIM**	--	10 U	--	9.6 U	--
Diphenylamine	**8270C**	--	--	--	--	--
Ethylmethanesulfonate	**8270C**	--	--	--	--	--
Famphur	**8270C**	--	--	--	--	--
Fluoranthene	**8270C**	0.2 U	0.2 U	0.2 U	--	--
Fluoranthene	**8270C SIM**	--	0.0047 U	--	0.0044 U	--
Fluorene	**8270C**	0.32 U	0.31 U	0.32 U	--	--
Fluorene	**8270C SIM**	--	0.02 U	--	0.018 U	--
Formaldehyde	**8315**	50 U	--	--	--	50 U
Formaldehyde	**8315A**	--	--	--	--	--
Hexachlorobenzene	**8270C**	0.68 U	0.67 U	0.67 U	--	--
Hexachlorobutadiene	**8270C**	3.4 U	3.3 U	3.4 U	--	--
Hexachlorocyclopentadiene	**8270C**	1.6 U	1.5 U	10 U	--	--
Hexachloroethane	**8270C**	2.2 U	2.1 U	2.1 U	--	--
Hexachlorophene	**8151A**	--	--	--	--	--
Hexachlorophene	**8321A**	--	--	--	--	--
Hexachloropropene	**8270C**	--	--	--	--	--
Indeno(1,2,3-cd)pyrene	**8270C**	0.67 U	0.66 U	0.66 U	--	--
Indeno(1,2,3-cd)pyrene	**8270C SIM**	--	0.015 U	--	9.6 U	--
Isodrin	**8270C**	--	--	--	--	--
Isophorone	**8270C**	0.22 U	0.21 U	0.21 U	--	--
Isosafrole	**8270C**	--	--	--	--	--
m+pCresol	**8270C**	--	--	--	--	--
m-Cresol	**8270C**	--	--	--	--	--
Methapyrilene	**8270C**	--	--	--	--	--
Methylmethanesulfonate	**8270C**	--	--	--	--	--
Naphthalene	**8270C**	0.3 U	0.29 U	0.3 U	--	--
Naphthalene	**8270C SIM**	--	0.0056 U	--	0.0051 U	--
Nitrobenzene	**8270C**	0.83 U	0.82 U	0.82 U	--	--
n-Nitrosodiethylamine	**8270C**	--	--	--	--	--
n-Nitrosodimethylamine	**1625M**	0.005 U	--	--	--	0.005 U
n-Nitrosodimethylamine	**8270C**	0.3 U	0.29 U	0.3 U	--	--
n-Nitrosodimethylamine	**8270C SIM**	--	0.14 UJ	--	0.12 U	--
n-Nitrosodi-n-butylamine	**8270C**	--	--	--	--	--
n-Nitrosodi-n-propylamine	**8270C**	0.36 U	0.35 U	0.36 U	--	--
n-Nitrosodiphenylamine	**8270C**	--	--	--	--	--
n-Nitrosodiphenylamine as Diphenylamine	**8270C**	0.45 U	0.44 U	0.45 U	--	--
n-Nitrosomethylethylamine	**8270C**	--	--	--	--	--
n-Nitrosomorpholine	**8270C**	--	--	--	--	--
n-Nitrosopiperidine	**8270C**	--	--	--	--	--
n-Nitrosopyrrolidine	**8270C**	--	--	--	--	--
o,o,o-Triethylphosphorothioate	**8270C**	--	--	--	--	--
o-Cresol	**8270C**	1 U	0.99 U	1 U	--	--
o-Tolidine	**8270C**	--	--	--	--	--
o-Toluidine	**8270C**	--	--	--	--	--
p-Chloroaniline	**8270C**	2.2 U	2.2 U	2.2 U	--	--
p-Chloro-m-cresol	**8270C**	2.5 U	2.4 U	2.5 U	--	--
p-Cresol	**8270C**	0.26 U	0.25 U	0.25 U	--	--
p-Dimethylaminoazobenzene	**8270C**	--	--	--	--	--
Pentachlorobenzene	**8270C**	--	--	--	--	--
Pentachloroethane	**8270C**	--	--	--	--	--
Pentachloronitrobenzene	**8270C**	--	--	--	--	--
Pentachlorophenol	**8270C**	20 U	20 U	20 U	--	--
Phenacetin	**8270C**	--	--	--	--	--
Phenanthrene	**8270C**	0.27 U	0.26 U	0.26 U	--	--
Phenanthrene	**8270C SIM**	--	0.01 U	--	0.0094 U	--
Phenol	**8270C**	2 U	2 U	2 U	--	--
p-Nitroaniline	**8270C**	2 U	2 U	2 U	--	--
p-Phenylenediamine	**8270C**	--	--	--	--	--
Pronamide	**8270C**	--	--	--	--	--
Pyrene	**8270C**	0.38 U	0.37 U	0.38 U	--	--
Pyrene	**8270C SIM**	--	0.0085 U	--	0.0078 U	--
Pyridine	**8270C**	--	--	--	--	--
Safrole	**8270C**	--	--	--	--	--
sym-Trinitrobenzene	**8270C**	--	--	--	--	--
Tetraethyldithiopyrophosphate	**8270C**	--	--	--	--	--

TABLE 13
SEMI-VOLATILE ORGANIC COMPOUNDS ANALYTICAL RESULTS, 2012
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

	Well Identifier:	RD-02	RD-03	RD-03	RD-05A	RD-05A	RD-05B
	SampleType:	Primary	Primary	Primary	Primary	Primary	Primary
	Sample Name:	RD-02_071712_01	RD-03_011312_01	RD-03_072012_01	RD-05A_012512_01	RD-05A_071712_01	RD-05B_012512_01
	Groundwater Unit:	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth
	Lab Name:	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
	Collection Date:	7/17/2012	1/13/2012	7/20/2012	1/25/2012	7/17/2012	1/25/2012
Analyte (µg/L)	**Method**						
1,2,4,5-Tetrachlorobenzene	**8270C**	--	--	--	--	--	--
1,2,4-Trichlorobenzene	**8270C**	--	--	--	--	--	--
1,2-Dichlorobenzene	**8270C**	--	--	--	--	--	--
1,3-Dichlorobenzene	**8270C**	--	--	--	--	--	--
1,3-Dinitrobenzene	**8270C**	--	1.9 U	1.9 U	1.9 U	2 U	1.9 U
1,4-Dichlorobenzene	**8270C**	--	--	--	--	--	--
1,4-Naphthoquinone	**8270C**	--	--	--	--	--	--
1-Methylnaphthalene	**8270C SIM**	--	--	--	--	--	--
2,3,4,6-Tetrachlorophenol	**8270C**	--	--	--	--	--	--
2,4,5-Trichlorophenol	**8270C**	--	--	--	--	--	--
2,4,6-Trichlorophenol	**8270C**	--	--	--	--	--	--
2,4-Dichlorophenol	**8270C**	--	--	--	--	--	--
2,4-Dimethylphenol	**8270C**	--	--	--	--	--	--
2,4-Dinitrophenol	**8270C**	--	--	--	--	--	--
2,4-Dinitrotoluene	**8270C**	--	--	--	--	--	--
2,6-Dichlorophenol	**8270C**	--	--	--	--	--	--
2,6-Dinitrotoluene	**8270C**	--	--	--	--	--	--
2-Chloronaphthalene	**8270C**	--	--	--	--	--	--
2-Chlorophenol	**8270C**	--	--	--	--	--	--
2-Methylnaphthalene	**8270C**	--	--	--	--	--	--
2-Methylnaphthalene	**8270C SIM**	--	--	--	--	--	--
2-Nitroaniline	**8270C**	--	--	--	--	--	--
2-Nitrophenol	**8270C**	--	--	--	--	--	--
3,3'-Dichlorobenzidine	**8270C**	--	--	--	--	--	--
3-Methylcholanthrene	**8270C**	--	--	--	--	--	--
3-Nitroaniline	**8270C**	--	--	--	--	--	--
4,6-Dinitro-o-cresol	**8270C**	--	--	--	--	--	--
4-Aminobiphenyl	**8270C**	--	--	--	--	--	--
4-Bromophenylphenylether	**8270C**	--	--	--	--	--	--
4-Chlorophenylphenylether	**8270C**	--	--	--	--	--	--
4-Nitrophenol	**8270C**	--	--	--	--	--	--
4-Nitroquinoline-1-oxide	**8270C**	--	--	--	--	--	--
5-Nitro-o-toluidine	**8270C**	--	--	--	--	--	--
7,12-Dimethylbenz(a)anthracene	**8270C**	--	--	--	--	--	--
Acenaphthene	**8270C**	--	--	--	--	--	--
Acenaphthene	**8270C SIM**	--	--	--	--	--	--
Acenaphthylene	**8270C**	--	--	--	--	--	--
Acenaphthylene	**8270C SIM**	--	--	--	--	--	--
Acetamidofluorene	**8270C**	--	--	--	--	--	--
Acetophenone	**8270C**	--	--	--	--	--	--
alpha,alpha-Dimethylphenethylamine	**8270C**	--	--	--	--	--	--
alpha-Naphthylamine	**8270C**	--	--	--	--	--	--
alpha-Picoline	**8270C**	--	--	--	--	--	--
Aniline	**8270C**	--	--	--	--	--	--
Anthracene	**8270C**	--	--	--	--	--	--
Anthracene	**8270C SIM**	--	--	--	--	--	--
Aramite	**8270C**	--	--	--	--	--	--
Benzidine	**8270C**	--	--	--	--	--	--
Benzo(a)anthracene	**8270C**	--	--	--	--	--	--
Benzo(a)anthracene	**8270C SIM**	--	--	--	--	--	--
Benzo(a)pyrene	**8270C**	--	--	--	--	--	--
Benzo(a)pyrene	**8270C SIM**	--	--	--	--	--	--
Benzo(b)fluoranthene	**8270C**	--	--	--	--	--	--
Benzo(b)fluoranthene	**8270C SIM**	--	--	--	--	--	--
Benzo(ghi)perylene	**8270C**	--	--	--	--	--	--
Benzo(ghi)perylene	**8270C SIM**	--	--	--	--	--	--
Benzo(k)fluoranthene	**8270C**	--	--	--	--	--	--
Benzo(k)fluoranthene	**8270C SIM**	--	--	--	--	--	--
Benzoicacid	**8270C**	--	--	--	--	--	--
Benzylalcohol	**8270C**	--	--	--	--	--	--
beta-Naphthylamine	**8270C**	--	--	--	--	--	--
bis(2-Chloroethoxy)methane	**8270C**	--	--	--	--	--	--
bis(2-Chloroethyl)ether	**8270C**	--	--	--	--	--	--
bis(2-Chloroisopropyl)ether	**8270C**	--	--	--	--	--	--
bis(2-Ethylhexyl)phthalate	**8270C**	--	9.6 U	9.6 U	--	--	--
bis(2-Ethylhexyl)phthalate	**8270C SIM**	--	--	--	--	--	--
Butylbenzylphthalate	**8270C**	--	0.96 U	0.96 U	--	--	--
Butylbenzylphthalate	**8270C SIM**	--	--	--	--	--	--
Chrysene	**8270C**	--	--	--	--	--	--
Chrysene	**8270C SIM**	--	--	--	--	--	--
Dibenzo(a,h)anthracene	**8270C**	--	--	--	--	--	--
Dibenzo(a,h)anthracene	**8270C SIM**	--	--	--	--	--	--
Dibenzofuran	**8270C**	--	--	--	--	--	--

TABLE 13
SEMI-VOLATILE ORGANIC COMPOUNDS ANALYTICAL RESULTS, 2012
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

	Well Identifier:	RD-02	RD-03	RD-03	RD-05A	RD-05A	RD-05B
	SampleType:	Primary	Primary	Primary	Primary	Primary	Primary
	Sample Name:	RD-02_071712_01	RD-03_011312_01	RD-03_072012_01	RD-05A_012512_01	RD-05A_071712_01	RD-05B_012512_01
	Groundwater Unit:	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth
	Lab Name:	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
	Collection Date:	7/17/2012	1/13/2012	7/20/2012	1/25/2012	7/17/2012	1/25/2012
Analyte (µg/L)	**Method**						
Diethylphthalate	**8270C**	--	0.36 U	0.36 U	--	--	--
Diethylphthalate	**8270C SIM**	--	--	--	--	--	--
Dimethylphthalate	**8270C**	--	0.2 U	0.2 U	--	--	--
Dimethylphthalate	**8270C SIM**	--	--	--	--	--	--
Di-n-butylphthalate	**8270C**	--	1.1 U	1.1 U	--	--	--
Di-n-butylphthalate	**8270C SIM**	--	--	--	--	--	--
Di-n-octylphthalate	**8270C**	--	0.33 U	0.34 U	--	--	--
Di-n-octylphthalate	**8270C SIM**	--	--	--	--	--	--
Diphenylamine	**8270C**	--	--	--	--	--	--
Ethylmethanesulfonate	**8270C**	--	--	--	--	--	--
Famphur	**8270C**	--	--	--	--	--	--
Fluoranthene	**8270C**	--	--	--	--	--	--
Fluoranthene	**8270C SIM**	--	--	--	--	--	--
Fluorene	**8270C**	--	--	--	--	--	--
Fluorene	**8270C SIM**	--	--	--	--	--	--
Formaldehyde	**8315**	8.4 U	50 U	50 U	50 U	8.4 U	50 U
Formaldehyde	**8315A**	--	--	--	--	--	--
Hexachlorobenzene	**8270C**	--	--	--	--	--	--
Hexachlorobutadiene	**8270C**	--	--	--	--	--	--
Hexachlorocyclopentadiene	**8270C**	--	--	--	--	--	--
Hexachloroethane	**8270C**	--	--	--	--	--	--
Hexachlorophene	**8151A**	--	--	--	--	--	--
Hexachlorophene	**8321A**	--	--	--	--	--	--
Hexachloropropene	**8270C**	--	--	--	--	--	--
Indeno(1,2,3-cd)pyrene	**8270C**	--	--	--	--	--	--
Indeno(1,2,3-cd)pyrene	**8270C SIM**	--	--	--	--	--	--
Isodrin	**8270C**	--	--	--	--	--	--
Isophorone	**8270C**	--	--	--	--	--	--
Isosafrole	**8270C**	--	--	--	--	--	--
m+pCresol	**8270C**	--	--	--	--	--	--
m-Cresol	**8270C**	--	--	--	--	--	--
Methapyrilene	**8270C**	--	--	--	--	--	--
Methylmethanesulfonate	**8270C**	--	--	--	--	--	--
Naphthalene	**8270C**	--	--	--	--	--	--
Naphthalene	**8270C SIM**	--	--	--	--	--	--
Nitrobenzene	**8270C**	--	0.77 U	0.78 U	0.79 U	0.81 U	0.79 U
n-Nitrosodiethylamine	**8270C**	--	--	--	--	--	--
n-Nitrosodimethylamine	**1625M**	0.0055	0.005 U	0.005 UJ	0.005 U	0.005 U	0.005 U
n-Nitrosodimethylamine	**8270C**	--	--	--	--	--	--
n-Nitrosodimethylamine	**8270C SIM**	--	--	--	--	--	--
n-Nitrosodi-n-butylamine	**8270C**	--	--	--	--	--	--
n-Nitrosodi-n-propylamine	**8270C**	--	--	--	--	--	--
n-Nitrosodiphenylamine	**8270C**	--	--	--	--	--	--
n-Nitrosodiphenylamine as Diphenylamine	**8270C**	--	--	--	--	--	--
n-Nitrosomethylethylamine	**8270C**	--	--	--	--	--	--
n-Nitrosomorpholine	**8270C**	--	--	--	--	--	--
n-Nitrosopiperidine	**8270C**	--	--	--	--	--	--
n-Nitrosopyrrolidine	**8270C**	--	--	--	--	--	--
o,o,o-Triethylphosphorothioate	**8270C**	--	--	--	--	--	--
o-Cresol	**8270C**	--	--	--	--	--	--
o-Tolidine	**8270C**	--	--	--	--	--	--
o-Toluidine	**8270C**	--	--	--	--	--	--
p-Chloroaniline	**8270C**	--	--	--	--	--	--
p-Chloro-m-cresol	**8270C**	--	--	--	--	--	--
p-Cresol	**8270C**	--	--	--	--	--	--
p-Dimethylaminoazobenzene	**8270C**	--	--	--	--	--	--
Pentachlorobenzene	**8270C**	--	--	--	--	--	--
Pentachloroethane	**8270C**	--	--	--	--	--	--
Pentachloronitrobenzene	**8270C**	--	--	--	--	--	--
Pentachlorophenol	**8270C**	--	--	--	--	--	--
Phenacetin	**8270C**	--	--	--	--	--	--
Phenanthrene	**8270C**	--	--	--	--	--	--
Phenanthrene	**8270C SIM**	--	--	--	--	--	--
Phenol	**8270C**	--	--	--	--	--	--
p-Nitroaniline	**8270C**	--	--	--	--	--	--
p-Phenylenediamine	**8270C**	--	--	--	--	--	--
Pronamide	**8270C**	--	--	--	--	--	--
Pyrene	**8270C**	--	--	--	--	--	--
Pyrene	**8270C SIM**	--	--	--	--	--	--
Pyridine	**8270C**	--	--	--	--	--	--
Safrole	**8270C**	--	--	--	--	--	--
sym-Trinitrobenzene	**8270C**	--	--	--	--	--	--
Tetraethyldithiopyrophosphate	**8270C**	--	--	--	--	--	--

TABLE 13
SEMI-VOLATILE ORGANIC COMPOUNDS ANALYTICAL RESULTS, 2012
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		RD-05B	RD-05C	RD-05C	RD-06	RD-06	RD-08
SampleType:		Primary	Primary	Primary	Primary	Primary	Primary
Sample Name:		RD-05B_071712_01	RD-05C_012512_01	RD-05C_071712_01	RD-06_013112_01	RD-06_072012_01	RD-08_020912_01
Groundwater Unit:		Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth
Lab Name:		TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
Collection Date:		7/17/2012	1/25/2012	7/17/2012	1/31/2012	7/20/2012	2/9/2012
Analyte (µg/L)	**Method**						
1,2,4,5-Tetrachlorobenzene	**8270C**	--	--	--	--	--	1.6 U
1,2,4-Trichlorobenzene	**8270C**	--	--	--	--	--	0.26 U
1,2-Dichlorobenzene	**8270C**	--	--	--	--	--	--
1,3-Dichlorobenzene	**8270C**	--	--	--	--	--	0.28 U
1,3-Dinitrobenzene	**8270C**	2 U	1.9 U	1.9 U	2 U	1.9 U	1.9 U
1,4-Dichlorobenzene	**8270C**	--	--	--	--	--	--
1,4-Naphthoquinone	**8270C**	--	--	--	--	--	13 UJ
1-Methylnaphthalene	**8270C SIM**	--	--	--	--	--	--
2,3,4,6-Tetrachlorophenol	**8270C**	--	--	--	--	--	1.9 U
2,4,5-Trichlorophenol	**8270C**	--	--	--	--	--	0.43 U
2,4,6-Trichlorophenol	**8270C**	--	--	--	--	--	0.27 U
2,4-Dichlorophenol	**8270C**	--	--	--	--	--	0.6 U
2,4-Dimethylphenol	**8270C**	--	--	--	--	--	0.55 U
2,4-Dinitrophenol	**8270C**	--	--	--	--	--	9.4 U
2,4-Dinitrotoluene	**8270C**	--	--	--	--	--	1.6 U
2,6-Dichlorophenol	**8270C**	--	--	--	--	--	1.3 U
2,6-Dinitrotoluene	**8270C**	--	--	--	--	--	1.8 U
2-Chloronaphthalene	**8270C**	--	--	--	--	--	0.25 U
2-Chlorophenol	**8270C**	--	--	--	--	--	1.9 U
2-Methylnaphthalene	**8270C**	--	--	--	--	--	0.27 U
2-Methylnaphthalene	**8270C SIM**	--	--	--	--	--	--
2-Nitroaniline	**8270C**	--	--	--	--	--	1.6 U
2-Nitrophenol	**8270C**	--	--	--	--	--	0.37 U
3,3'-Dichlorobenzidine	**8270C**	--	--	--	--	--	1.9 U
3-Methylcholanthrene	**8270C**	--	--	--	--	--	1.6 U
3-Nitroaniline	**8270C**	--	--	--	--	--	1.9 U
4,6-Dinitro-o-cresol	**8270C**	--	--	--	--	--	3.8 U
4-Aminobiphenyl	**8270C**	--	--	--	--	--	4.3 U
4-Bromophenylphenylether	**8270C**	--	--	--	--	--	0.41 U
4-Chlorophenylphenylether	**8270C**	--	--	--	--	--	1.6 U
4-Nitrophenol	**8270C**	--	--	--	--	--	1.2 U
4-Nitroquinoline-1-oxide	**8270C**	--	--	--	--	--	19 U
5-Nitro-o-toluidine	**8270C**	--	--	--	--	--	1.3 U
7,12-Dimethylbenz(a)anthracene	**8270C**	--	--	--	--	--	1.5 U
Acenaphthene	**8270C**	--	--	--	--	--	0.26 U
Acenaphthene	**8270C SIM**	--	--	--	--	--	--
Acenaphthylene	**8270C**	--	--	--	--	--	0.46 U
Acenaphthylene	**8270C SIM**	--	--	--	--	--	--
Acetamidofluorene	**8270C**	--	--	--	--	--	6.6 U
Acetophenone	**8270C**	--	--	--	--	--	0.23 U
alpha,alpha-Dimethylphenethylamine	**8270C**	--	--	--	--	--	19 U
alpha-Naphthylamine	**8270C**	--	--	--	--	--	2.9 U
alpha-Picoline	**8270C**	--	--	--	--	--	1.1 UJ
Aniline	**8270C**	--	--	--	--	--	1.9 U
Anthracene	**8270C**	--	--	--	--	--	0.4 U
Anthracene	**8270C SIM**	--	--	--	--	--	--
Aramite	**8270C**	--	--	--	--	--	8.7 U
Benzidine	**8270C**	--	--	--	--	--	--
Benzo(a)anthracene	**8270C**	--	--	--	--	--	0.33 U
Benzo(a)anthracene	**8270C SIM**	--	--	--	--	--	--
Benzo(a)pyrene	**8270C**	--	--	--	--	--	0.29 U
Benzo(a)pyrene	**8270C SIM**	--	--	--	--	--	--
Benzo(b)fluoranthene	**8270C**	--	--	--	--	--	0.5 U
Benzo(b)fluoranthene	**8270C SIM**	--	--	--	--	--	--
Benzo(ghi)perylene	**8270C**	--	--	--	--	--	0.47 U
Benzo(ghi)perylene	**8270C SIM**	--	--	--	--	--	--
Benzo(k)fluoranthene	**8270C**	--	--	--	--	--	0.43 U
Benzo(k)fluoranthene	**8270C SIM**	--	--	--	--	--	--
Benzoicacid	**8270C**	--	--	--	--	--	--
Benzylalcohol	**8270C**	--	--	--	--	--	0.22 U
beta-Naphthylamine	**8270C**	--	--	--	--	--	2.9 U
bis(2-Chloroethoxy)methane	**8270C**	--	--	--	--	--	0.92 U
bis(2-Chloroethyl)ether	**8270C**	--	--	--	--	--	0.39 U
bis(2-Chloroisopropyl)ether	**8270C**	--	--	--	--	--	0.26 U
bis(2-Ethylhexyl)phthalate	**8270C**	--	--	--	0.57 U	9.6 U	0.88 J
bis(2-Ethylhexyl)phthalate	**8270C SIM**	--	--	--	--	--	--
Butylbenzylphthalate	**8270C**	--	--	--	1 U	0.96 U	0.94 U
Butylbenzylphthalate	**8270C SIM**	--	--	--	--	--	--
Chrysene	**8270C**	--	--	--	--	--	0.51 U
Chrysene	**8270C SIM**	--	--	--	--	--	--
Dibenzo(a,h)anthracene	**8270C**	--	--	--	--	--	0.48 U
Dibenzo(a,h)anthracene	**8270C SIM**	--	--	--	--	--	--
Dibenzofuran	**8270C**	--	--	--	--	--	0.27 U

TABLE 13
SEMI-VOLATILE ORGANIC COMPOUNDS ANALYTICAL RESULTS, 2012
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		RD-05B	RD-05C	RD-05C	RD-06	RD-06	RD-08
SampleType:		Primary	Primary	Primary	Primary	Primary	Primary
Sample Name:		RD-05B_071712_01	RD-05C_012512_01	RD-05C_071712_01	RD-06_013112_01	RD-06_072012_01	RD-08_020912_01
Groundwater Unit:		Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth
Lab Name:		TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
Collection Date:		7/17/2012	1/25/2012	7/17/2012	1/31/2012	7/20/2012	2/9/2012
Analyte (µg/L)	**Method**						
Diethylphthalate	**8270C**	--	--	--	0.39 U	0.37 U	0.36 U
Diethylphthalate	**8270C SIM**	--	--	--	--	--	--
Dimethylphthalate	**8270C**	--	--	--	0.21 U	0.2 U	0.2 U
Dimethylphthalate	**8270C SIM**	--	--	--	--	--	--
Di-n-butylphthalate	**8270C**	--	--	--	1.2 U	1.1 U	1.1 U
Di-n-butylphthalate	**8270C SIM**	--	--	--	--	--	--
Di-n-octylphthalate	**8270C**	--	--	--	0.36 U	0.34 U	0.33 U
Di-n-octylphthalate	**8270C SIM**	--	--	--	--	--	--
Diphenylamine	**8270C**	--	--	--	--	--	1 U
Ethylmethanesulfonate	**8270C**	--	--	--	--	--	0.89 U
Famphur	**8270C**	--	--	--	--	--	--
Fluoranthene	**8270C**	--	--	--	--	--	0.19 U
Fluoranthene	**8270C SIM**	--	--	--	--	--	--
Fluorene	**8270C**	--	--	--	--	--	0.29 U
Fluorene	**8270C SIM**	--	--	--	--	--	--
Formaldehyde	**8315**	24 J	50 U	15 J	14 J	50 U	13 J
Formaldehyde	**8315A**	--	--	--	--	--	--
Hexachlorobenzene	**8270C**	--	--	--	--	--	0.62 U
Hexachlorobutadiene	**8270C**	--	--	--	--	--	3.1 U
Hexachlorocyclopentadiene	**8270C**	--	--	--	--	--	1.4 U
Hexachloroethane	**8270C**	--	--	--	--	--	2 U
Hexachlorophene	**8151A**	--	--	--	--	--	--
Hexachlorophene	**8321A**	--	--	--	--	--	0.49 U
Hexachloropropene	**8270C**	--	--	--	--	--	1.9 U
Indeno(1,2,3-cd)pyrene	**8270C**	--	--	--	--	--	0.61 U
Indeno(1,2,3-cd)pyrene	**8270C SIM**	--	--	--	--	--	--
Isodrin	**8270C**	--	--	--	--	--	1.7 U
Isophorone	**8270C**	--	--	--	--	--	0.2 U
Isosafrole	**8270C**	--	--	--	--	--	0.94 U
m+pCresol	**8270C**	--	--	--	--	--	--
m-Cresol	**8270C**	--	--	--	--	--	0.24 U
Methapyrilene	**8270C**	--	--	--	--	--	19 U
Methylmethanesulfonate	**8270C**	--	--	--	--	--	0.94 UJ
Naphthalene	**8270C**	--	--	--	--	--	0.27 U
Naphthalene	**8270C SIM**	--	--	--	--	--	--
Nitrobenzene	**8270C**	0.81 U	0.78 U	0.77 U	0.82 U	0.78 U	0.77 U
n-Nitrosodiethylamine	**8270C**	--	--	--	--	--	1.6 U
n-Nitrosodimethylamine	**1625M**	0.005 U	0.005 U	0.005 U	0.005 U	0.005 UJ	0.005 U
n-Nitrosodimethylamine	**8270C**	--	--	--	--	--	0.27 U
n-Nitrosodimethylamine	**8270C SIM**	--	--	--	--	--	--
n-Nitrosodi-n-butylamine	**8270C**	--	--	--	--	--	1.2 U
n-Nitrosodi-n-propylamine	**8270C**	--	--	--	--	--	0.33 U
n-Nitrosodiphenylamine	**8270C**	--	--	--	--	--	0.42 U
n-Nitrosodiphenylamine as Diphenylamine	**8270C**	--	--	--	--	--	--
n-Nitrosomethylethylamine	**8270C**	--	--	--	--	--	1.7 U
n-Nitrosomorpholine	**8270C**	--	--	--	--	--	1.9 U
n-Nitrosopiperidine	**8270C**	--	--	--	--	--	1.9 U
n-Nitrosopyrrolidine	**8270C**	--	--	--	--	--	0.76 U
o,o,o-Triethylphosphorothioate	**8270C**	--	--	--	--	--	1.9 U
o-Cresol	**8270C**	--	--	--	--	--	0.93 U
o-Tolidine	**8270C**	--	--	--	--	--	3.8 U
o-Toluidine	**8270C**	--	--	--	--	--	1.3 U
p-Chloroaniline	**8270C**	--	--	--	--	--	2 U
p-Chloro-m-cresol	**8270C**	--	--	--	--	--	2.3 U
p-Cresol	**8270C**	--	--	--	--	--	0.24 U
p-Dimethylaminoazobenzene	**8270C**	--	--	--	--	--	1.9 U
Pentachlorobenzene	**8270C**	--	--	--	--	--	1.9 U
Pentachloroethane	**8270C**	--	--	--	--	--	1.9 U
Pentachloronitrobenzene	**8270C**	--	--	--	--	--	1.9 U
Pentachlorophenol	**8270C**	--	--	--	--	--	0.76 U
Phenacetin	**8270C**	--	--	--	--	--	1 U
Phenanthrene	**8270C**	--	--	--	--	--	0.25 U
Phenanthrene	**8270C SIM**	--	--	--	--	--	--
Phenol	**8270C**	--	--	--	--	--	1.9 U
p-Nitroaniline	**8270C**	--	--	--	--	--	1.9 U
p-Phenylenediamine	**8270C**	--	--	--	--	--	4.7 UJ
Pronamide	**8270C**	--	--	--	--	--	1.9 U
Pyrene	**8270C**	--	--	--	--	--	0.35 U
Pyrene	**8270C SIM**	--	--	--	--	--	--
Pyridine	**8270C**	--	--	--	--	--	1.6 U
Safrole	**8270C**	--	--	--	--	--	1.1 U
sym-Trinitrobenzene	**8270C**	--	--	--	--	--	3.8 U
Tetraethyldithiopyrophosphate	**8270C**	--	--	--	--	--	--

TABLE 13
SEMI-VOLATILE ORGANIC COMPOUNDS ANALYTICAL RESULTS, 2012
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

	Well Identifier:	RD-08	RD-08	RD-08	RD-11	RD-11	RD-12
	SampleType:	Primary	Field Duplicate	Split	Primary	Primary	Primary
	Sample Name:	RD-08_073012_01	RD-08_073012_36	RD-08_073012_03	RD-11_012612_01	RD-11_080312_01	RD-12_012612_01
	Groundwater Unit:	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth
	Lab Name:	TA- Denver	TA- Denver	TA- Irvine	TA- Denver	TA- Denver	TA- Denver
	Collection Date:	7/30/2012	7/30/2012	7/30/2012	1/26/2012	8/3/2012	1/26/2012
Analyte (µg/L)	**Method**						
1,2,4,5-Tetrachlorobenzene	**8270C**	--	--	--	1.7 U	--	1.6 U
1,2,4-Trichlorobenzene	**8270C**	--	--	--	0.27 U	--	0.27 U
1,2-Dichlorobenzene	**8270C**	--	--	--	--	--	--
1,3-Dichlorobenzene	**8270C**	--	--	--	0.29 U	--	0.29 U
1,3-Dinitrobenzene	**8270C**	1.9 U	--	--	1.9 U	1.9 U	1.9 U
1,4-Dichlorobenzene	**8270C**	--	--	--	--	--	--
1,4-Naphthoquinone	**8270C**	--	--	--	13 U	--	13 U
1-Methylnaphthalene	**8270C SIM**	--	--	--	--	--	--
2,3,4,6-Tetrachlorophenol	**8270C**	--	--	--	1.9 U	--	1.9 U
2,4,5-Trichlorophenol	**8270C**	--	--	--	0.44 U	--	0.43 U
2,4,6-Trichlorophenol	**8270C**	--	--	--	0.28 U	--	0.28 U
2,4-Dichlorophenol	**8270C**	--	--	--	0.62 U	--	0.61 U
2,4-Dimethylphenol	**8270C**	--	--	--	0.56 U	--	0.55 U
2,4-Dinitrophenol	**8270C**	--	--	--	9.7 U	--	9.5 U
2,4-Dinitrotoluene	**8270C**	--	--	--	1.6 U	--	1.6 U
2,6-Dichlorophenol	**8270C**	--	--	--	1.3 U	--	1.3 U
2,6-Dinitrotoluene	**8270C**	--	--	--	1.8 U	--	1.8 U
2-Chloronaphthalene	**8270C**	--	--	--	0.25 U	--	0.25 U
2-Chlorophenol	**8270C**	--	--	--	1.9 U	--	1.9 U
2-Methylnaphthalene	**8270C**	--	--	--	0.28 U	--	0.28 U
2-Methylnaphthalene	**8270C SIM**	--	--	--	--	--	--
2-Nitroaniline	**8270C**	--	--	--	1.7 U	--	1.6 U
2-Nitrophenol	**8270C**	--	--	--	0.38 U	--	0.37 U
3,3'-Dichlorobenzidine	**8270C**	--	--	--	1.9 U	--	1.9 U
3-Methylcholanthrene	**8270C**	--	--	--	1.7 U	--	1.6 U
3-Nitroaniline	**8270C**	--	--	--	1.9 U	--	1.9 U
4,6-Dinitro-o-cresol	**8270C**	--	--	--	3.9 U	--	3.8 U
4-Aminobiphenyl	**8270C**	--	--	--	4.4 U	--	4.3 U
4-Bromophenylphenylether	**8270C**	--	--	--	0.42 U	--	0.41 U
4-Chlorophenylphenylether	**8270C**	--	--	--	1.6 U	--	1.6 U
4-Nitrophenol	**8270C**	--	--	--	1.2 U	--	1.2 U
4-Nitroquinoline-1-oxide	**8270C**	--	--	--	19 U	--	19 U
5-Nitro-o-toluidine	**8270C**	--	--	--	1.4 U	--	1.3 U
7,12-Dimethylbenz(a)anthracene	**8270C**	--	--	--	1.5 U	--	1.5 U
Acenaphthene	**8270C**	--	--	--	0.27 U	--	0.27 U
Acenaphthene	**8270C SIM**	--	--	--	--	--	--
Acenaphthylene	**8270C**	--	--	--	0.48 U	--	0.47 U
Acenaphthylene	**8270C SIM**	--	--	--	--	--	--
Acetamidofluorene	**8270C**	--	--	--	6.8 U	--	6.7 U
Acetophenone	**8270C**	--	--	--	0.23 U	--	0.23 U
alpha,alpha-Dimethylphenethylamine	**8270C**	--	--	--	19 U	--	19 U
alpha-Naphthylamine	**8270C**	--	--	--	3 U	--	3 U
alpha-Picoline	**8270C**	--	--	--	1.2 U	--	1.1 U
Aniline	**8270C**	--	--	--	1.9 U	--	1.9 U
Anthracene	**8270C**	0.4 U	--	--	0.41 U	0.4 U	0.4 U
Anthracene	**8270C SIM**	--	--	--	--	--	--
Aramite	**8270C**	--	--	--	9 U	--	8.8 U
Benzidine	**8270C**	--	--	--	--	--	--
Benzo(a)anthracene	**8270C**	--	--	--	0.34 U	--	0.33 U
Benzo(a)anthracene	**8270C SIM**	--	--	--	--	--	--
Benzo(a)pyrene	**8270C**	--	--	--	0.3 U	--	0.3 U
Benzo(a)pyrene	**8270C SIM**	--	--	--	--	--	--
Benzo(b)fluoranthene	**8270C**	--	--	--	0.52 U	--	0.51 U
Benzo(b)fluoranthene	**8270C SIM**	--	--	--	--	--	--
Benzo(ghi)perylene	**8270C**	--	--	--	0.49 U	--	0.48 U
Benzo(ghi)perylene	**8270C SIM**	--	--	--	--	--	--
Benzo(k)fluoranthene	**8270C**	--	--	--	0.45 U	--	0.44 U
Benzo(k)fluoranthene	**8270C SIM**	--	--	--	--	--	--
Benzoicacid	**8270C**	--	--	--	--	--	--
Benzylalcohol	**8270C**	--	--	--	0.22 U	--	0.22 U
beta-Naphthylamine	**8270C**	--	--	--	3 U	--	2.9 U
bis(2-Chloroethoxy)methane	**8270C**	--	--	--	0.94 U	--	0.93 U
bis(2-Chloroethyl)ether	**8270C**	--	--	--	0.4 U	--	0.39 U
bis(2-Chloroisopropyl)ether	**8270C**	--	--	--	0.27 U	--	0.27 U
bis(2-Ethylhexyl)phthalate	**8270C**	0.53 U	0.53 U	3.8 U	9.7 U	--	9.5 U
bis(2-Ethylhexyl)phthalate	**8270C SIM**	--	--	--	--	--	--
Butylbenzylphthalate	**8270C**	0.95 U	0.95 U	3.8 U	0.97 U	--	0.95 U
Butylbenzylphthalate	**8270C SIM**	--	--	--	--	--	--
Chrysene	**8270C**	--	--	--	0.53 U	--	0.52 U
Chrysene	**8270C SIM**	--	--	--	--	--	--
Dibenzo(a,h)anthracene	**8270C**	--	--	--	0.5 U	--	0.49 U
Dibenzo(a,h)anthracene	**8270C SIM**	--	--	--	--	--	--
Dibenzofuran	**8270C**	--	--	--	0.28 U	--	0.28 U

TABLE 13
SEMI-VOLATILE ORGANIC COMPOUNDS ANALYTICAL RESULTS, 2012
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

	Well Identifier:	RD-08	RD-08	RD-08	RD-11	RD-11	RD-12
	SampleType:	Primary	Field Duplicate	Split	Primary	Primary	Primary
	Sample Name:	RD-08_073012_01	RD-08_073012_36	RD-08_073012_03	RD-11_012612_01	RD-11_080312_01	RD-12_012612_01
	Groundwater Unit:	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth
	Lab Name:	TA- Denver	TA- Denver	TA- Irvine	TA- Denver	TA- Denver	TA- Denver
	Collection Date:	7/30/2012	7/30/2012	7/30/2012	1/26/2012	8/3/2012	1/26/2012
Analyte (µg/L)	**Method**						
Diethylphthalate	**8270C**	0.36 U	0.36 U	3.3 U	0.37 U	--	0.36 U
Diethylphthalate	**8270C SIM**	--	--	--	--	--	--
Dimethylphthalate	**8270C**	0.2 U	0.2 U	2.4 U	0.2 U	--	0.2 U
Dimethylphthalate	**8270C SIM**	--	--	--	--	--	--
Di-n-butylphthalate	**8270C**	1.1 U	1.1 U	2.9 U	1.1 U	--	1.1 U
Di-n-butylphthalate	**8270C SIM**	--	--	--	--	--	--
Di-n-octylphthalate	**8270C**	0.33 U	0.33 U	3.3 U	0.34 U	--	0.33 U
Di-n-octylphthalate	**8270C SIM**	--	--	--	--	--	--
Diphenylamine	**8270C**	--	--	--	1 U	--	1 U
Ethylmethanesulfonate	**8270C**	--	--	--	0.92 U	--	0.9 U
Famphur	**8270C**	--	--	--	--	--	--
Fluoranthene	**8270C**	--	--	--	0.19 U	--	0.19 U
Fluoranthene	**8270C SIM**	--	--	--	--	--	--
Fluorene	**8270C**	--	--	--	0.3 U	--	0.3 U
Fluorene	**8270C SIM**	--	--	--	--	--	--
Formaldehyde	**8315**	50 UJ	--	--	50 U	50 U	50 U
Formaldehyde	**8315A**	--	--	--	--	--	--
Hexachlorobenzene	**8270C**	--	--	--	0.64 U	--	0.63 U
Hexachlorobutadiene	**8270C**	--	--	--	3.2 U	--	3.1 U
Hexachlorocyclopentadiene	**8270C**	--	--	--	1.5 U	--	1.5 U
Hexachloroethane	**8270C**	--	--	--	2 U	--	2 U
Hexachlorophene	**8151A**	--	--	--	--	--	--
Hexachlorophene	**8321A**	--	--	--	0.49 U	--	0.49 U
Hexachloropropene	**8270C**	--	--	--	1.9 U	--	1.9 U
Indeno(1,2,3-cd)pyrene	**8270C**	--	--	--	0.63 U	--	0.62 U
Indeno(1,2,3-cd)pyrene	**8270C SIM**	--	--	--	--	--	--
Isodrin	**8270C**	--	--	--	1.7 U	--	1.7 U
Isophorone	**8270C**	--	--	--	0.2 U	--	0.2 U
Isosafrole	**8270C**	--	--	--	0.97 U	--	0.95 U
m+pCresol	**8270C**	--	--	--	--	--	--
m-Cresol	**8270C**	--	--	--	0.24 U	--	0.24 U
Methapyrilene	**8270C**	--	--	--	19 U	--	19 U
Methylmethanesulfonate	**8270C**	--	--	--	0.97 U	--	0.95 U
Naphthalene	**8270C**	--	--	--	0.28 U	--	0.28 U
Naphthalene	**8270C SIM**	--	--	--	--	--	--
Nitrobenzene	**8270C**	0.77 U	--	--	0.79 U	0.77 U	0.77 U
n-Nitrosodiethylamine	**8270C**	--	--	--	1.7 U	--	1.6 U
n-Nitrosodimethylamine	**1625M**	0.005 U	--	--	0.005 U	0.005 U	0.005 U
n-Nitrosodimethylamine	**8270C**	--	--	--	0.28 U	--	0.28 U
n-Nitrosodimethylamine	**8270C SIM**	--	--	--	--	--	--
n-Nitrosodi-n-butylamine	**8270C**	--	--	--	1.2 U	--	1.2 U
n-Nitrosodi-n-propylamine	**8270C**	--	--	--	0.34 U	--	0.33 U
n-Nitrosodiphenylamine	**8270C**	--	--	--	0.43 U	--	0.42 U
n-Nitrosodiphenylamine as Diphenylamine	**8270C**	--	--	--	--	--	--
n-Nitrosomethylethylamine	**8270C**	--	--	--	1.7 U	--	1.7 U
n-Nitrosomorpholine	**8270C**	--	--	--	1.9 U	--	1.9 U
n-Nitrosopiperidine	**8270C**	--	--	--	1.9 U	--	1.9 U
n-Nitrosopyrrolidine	**8270C**	--	--	--	0.78 U	--	0.77 U
o,o,o-Triethylphosphorothioate	**8270C**	--	--	--	1.9 U	--	1.9 U
o-Cresol	**8270C**	--	--	--	0.95 U	--	0.93 U
o-Tolidine	**8270C**	--	--	--	3.9 U	--	3.8 U
o-Toluidine	**8270C**	--	--	--	1.4 U	--	1.3 U
p-Chloroaniline	**8270C**	--	--	--	2.1 U	--	2 U
p-Chloro-m-cresol	**8270C**	--	--	--	2.3 U	--	2.3 U
p-Cresol	**8270C**	--	--	--	0.24 U	--	0.24 U
p-Dimethylaminoazobenzene	**8270C**	--	--	--	1.9 U	--	1.9 U
Pentachlorobenzene	**8270C**	--	--	--	1.9 U	--	1.9 U
Pentachloroethane	**8270C**	--	--	--	1.9 U	--	1.9 U
Pentachloronitrobenzene	**8270C**	--	--	--	1.9 U	--	1.9 U
Pentachlorophenol	**8270C**	--	--	--	0.76 U	--	0.76 U
Phenacetin	**8270C**	--	--	--	1.1 U	--	1 U
Phenanthrene	**8270C**	--	--	--	0.25 U	--	0.25 U
Phenanthrene	**8270C SIM**	--	--	--	--	--	--
Phenol	**8270C**	--	--	--	1.9 U	--	1.9 U
p-Nitroaniline	**8270C**	--	--	--	1.9 U	--	1.9 U
p-Phenylenediamine	**8270C**	--	--	--	4.9 U	--	4.8 U
Pronamide	**8270C**	--	--	--	1.9 U	--	1.9 U
Pyrene	**8270C**	--	--	--	0.36 U	--	0.35 U
Pyrene	**8270C SIM**	--	--	--	--	--	--
Pyridine	**8270C**	--	--	--	1.7 U	--	1.6 U
Safrole	**8270C**	--	--	--	1.1 U	--	1.1 U
sym-Trinitrobenzene	**8270C**	--	--	--	3.9 U	--	3.8 U
Tetraethyldithiopyrophosphate	**8270C**	--	--	--	--	--	--

TABLE 13
SEMI-VOLATILE ORGANIC COMPOUNDS ANALYTICAL RESULTS, 2012
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

	Well Identifier:	RD-12	RD-32	RD-32	RD-32	RD-35A	RD-35A
	SampleType:	Primary	Primary	Primary	Split	Primary	Primary
	Sample Name:	RD-12_080312_01	RD-32_013012_01	RD-32_080212_01	RD-32_080212_03	RD-35A_012412_01	RD-35A_080612_01
	Groundwater Unit:	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth
	Lab Name:	TA- Denver	TA- Denver	TA- Denver	TA- Irvine	TA- Denver	TA- Denver
	Collection Date:	8/3/2012	1/30/2012	8/2/2012	8/2/2012	1/24/2012	8/6/2012
Analyte (µg/L)	**Method**						
1,2,4,5-Tetrachlorobenzene	**8270C**	--	--	--	--	--	--
1,2,4-Trichlorobenzene	**8270C**	--	--	--	--	--	--
1,2-Dichlorobenzene	**8270C**	--	--	--	--	--	--
1,3-Dichlorobenzene	**8270C**	--	--	--	--	--	--
1,3-Dinitrobenzene	**8270C**	2 U	--	--	--	--	--
1,4-Dichlorobenzene	**8270C**	--	--	--	--	--	--
1,4-Naphthoquinone	**8270C**	--	--	--	--	--	--
1-Methylnaphthalene	**8270C SIM**	--	--	--	--	--	--
2,3,4,6-Tetrachlorophenol	**8270C**	--	--	--	--	--	--
2,4,5-Trichlorophenol	**8270C**	--	--	--	--	--	--
2,4,6-Trichlorophenol	**8270C**	--	--	--	--	--	--
2,4-Dichlorophenol	**8270C**	--	--	--	--	--	--
2,4-Dimethylphenol	**8270C**	--	--	--	--	--	--
2,4-Dinitrophenol	**8270C**	--	--	--	--	--	--
2,4-Dinitrotoluene	**8270C**	--	--	--	--	--	--
2,6-Dichlorophenol	**8270C**	--	--	--	--	--	--
2,6-Dinitrotoluene	**8270C**	--	--	--	--	--	--
2-Chloronaphthalene	**8270C**	--	--	--	--	--	--
2-Chlorophenol	**8270C**	--	--	--	--	--	--
2-Methylnaphthalene	**8270C**	--	--	--	--	--	--
2-Methylnaphthalene	**8270C SIM**	--	--	--	--	--	--
2-Nitroaniline	**8270C**	--	--	--	--	--	--
2-Nitrophenol	**8270C**	--	--	--	--	--	--
3,3'-Dichlorobenzidine	**8270C**	--	--	--	--	--	--
3-Methylcholanthrene	**8270C**	--	--	--	--	--	--
3-Nitroaniline	**8270C**	--	--	--	--	--	--
4,6-Dinitro-o-cresol	**8270C**	--	--	--	--	--	--
4-Aminobiphenyl	**8270C**	--	--	--	--	--	--
4-Bromophenylphenylether	**8270C**	--	--	--	--	--	--
4-Chlorophenylphenylether	**8270C**	--	--	--	--	--	--
4-Nitrophenol	**8270C**	--	--	--	--	--	--
4-Nitroquinoline-1-oxide	**8270C**	--	--	--	--	--	--
5-Nitro-o-toluidine	**8270C**	--	--	--	--	--	--
7,12-Dimethylbenz(a)anthracene	**8270C**	--	--	--	--	--	--
Acenaphthene	**8270C**	--	--	--	--	--	--
Acenaphthene	**8270C SIM**	--	--	--	--	--	--
Acenaphthylene	**8270C**	--	--	--	--	--	--
Acenaphthylene	**8270C SIM**	--	--	--	--	--	--
Acetamidofluorene	**8270C**	--	--	--	--	--	--
Acetophenone	**8270C**	--	--	--	--	--	--
alpha,alpha-Dimethylphenethylamine	**8270C**	--	--	--	--	--	--
alpha-Naphthylamine	**8270C**	--	--	--	--	--	--
alpha-Picoline	**8270C**	--	--	--	--	--	--
Aniline	**8270C**	--	--	--	--	--	--
Anthracene	**8270C**	0.41 U	--	--	--	--	--
Anthracene	**8270C SIM**	--	--	--	--	--	--
Aramite	**8270C**	--	--	--	--	--	--
Benzidine	**8270C**	--	--	--	--	--	--
Benzo(a)anthracene	**8270C**	--	--	--	--	--	--
Benzo(a)anthracene	**8270C SIM**	--	--	--	--	--	--
Benzo(a)pyrene	**8270C**	--	--	--	--	--	--
Benzo(a)pyrene	**8270C SIM**	--	--	--	--	--	--
Benzo(b)fluoranthene	**8270C**	--	--	--	--	--	--
Benzo(b)fluoranthene	**8270C SIM**	--	--	--	--	--	--
Benzo(ghi)perylene	**8270C**	--	--	--	--	--	--
Benzo(ghi)perylene	**8270C SIM**	--	--	--	--	--	--
Benzo(k)fluoranthene	**8270C**	--	--	--	--	--	--
Benzo(k)fluoranthene	**8270C SIM**	--	--	--	--	--	--
Benzoicacid	**8270C**	--	--	--	--	--	--
Benzylalcohol	**8270C**	--	--	--	--	--	--
beta-Naphthylamine	**8270C**	--	--	--	--	--	--
bis(2-Chloroethoxy)methane	**8270C**	--	--	--	--	--	--
bis(2-Chloroethyl)ether	**8270C**	--	--	--	--	--	--
bis(2-Chloroisopropyl)ether	**8270C**	--	--	--	--	--	--
bis(2-Ethylhexyl)phthalate	**8270C**	--	--	--	--	--	--
bis(2-Ethylhexyl)phthalate	**8270C SIM**	--	--	--	--	--	--
Butylbenzylphthalate	**8270C**	--	--	--	--	--	--
Butylbenzylphthalate	**8270C SIM**	--	--	--	--	--	--
Chrysene	**8270C**	--	--	--	--	--	--
Chrysene	**8270C SIM**	--	--	--	--	--	--
Dibenzo(a,h)anthracene	**8270C**	--	--	--	--	--	--
Dibenzo(a,h)anthracene	**8270C SIM**	--	--	--	--	--	--
Dibenzofuran	**8270C**	--	--	--	--	--	--

TABLE 13
SEMI-VOLATILE ORGANIC COMPOUNDS ANALYTICAL RESULTS, 2012
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

	Well Identifier:	RD-12	RD-32	RD-32	RD-32	RD-35A	RD-35A
	SampleType:	Primary	Primary	Primary	Split	Primary	Primary
	Sample Name:	RD-12_080312_01	RD-32_013012_01	RD-32_080212_01	RD-32_080212_03	RD-35A_012412_01	RD-35A_080612_01
	Groundwater Unit:	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth
	Lab Name:	TA- Denver	TA- Denver	TA- Denver	TA- Irvine	TA- Denver	TA- Denver
	Collection Date:	8/3/2012	1/30/2012	8/2/2012	8/2/2012	1/24/2012	8/6/2012
Analyte (µg/L)	**Method**						
Diethylphthalate	**8270C**	--	--	--	--	--	--
Diethylphthalate	**8270C SIM**	--	--	--	--	--	--
Dimethylphthalate	**8270C**	--	--	--	--	--	--
Dimethylphthalate	**8270C SIM**	--	--	--	--	--	--
Di-n-butylphthalate	**8270C**	--	--	--	--	--	--
Di-n-butylphthalate	**8270C SIM**	--	--	--	--	--	--
Di-n-octylphthalate	**8270C**	--	--	--	--	--	--
Di-n-octylphthalate	**8270C SIM**	--	--	--	--	--	--
Diphenylamine	**8270C**	--	--	--	--	--	--
Ethylmethanesulfonate	**8270C**	--	--	--	--	--	--
Famphur	**8270C**	--	--	--	--	--	--
Fluoranthene	**8270C**	--	--	--	--	--	--
Fluoranthene	**8270C SIM**	--	--	--	--	--	--
Fluorene	**8270C**	--	--	--	--	--	--
Fluorene	**8270C SIM**	--	--	--	--	--	--
Formaldehyde	**8315**	50 U	--	--	--	--	--
Formaldehyde	**8315A**	--	--	--	--	--	--
Hexachlorobenzene	**8270C**	--	--	--	--	--	--
Hexachlorobutadiene	**8270C**	--	--	--	--	--	--
Hexachlorocyclopentadiene	**8270C**	--	--	--	--	--	--
Hexachloroethane	**8270C**	--	--	--	--	--	--
Hexachlorophene	**8151A**	--	--	--	--	--	--
Hexachlorophene	**8321A**	--	--	--	--	--	--
Hexachloropropene	**8270C**	--	--	--	--	--	--
Indeno(1,2,3-cd)pyrene	**8270C**	--	--	--	--	--	--
Indeno(1,2,3-cd)pyrene	**8270C SIM**	--	--	--	--	--	--
Isodrin	**8270C**	--	--	--	--	--	--
Isophorone	**8270C**	--	--	--	--	--	--
Isosafrole	**8270C**	--	--	--	--	--	--
m+pCresol	**8270C**	--	--	--	--	--	--
m-Cresol	**8270C**	--	--	--	--	--	--
Methapyrilene	**8270C**	--	--	--	--	--	--
Methylmethanesulfonate	**8270C**	--	--	--	--	--	--
Naphthalene	**8270C**	--	--	--	--	--	--
Naphthalene	**8270C SIM**	--	--	--	--	--	--
Nitrobenzene	**8270C**	0.79 U	--	--	--	--	--
n-Nitrosodiethylamine	**8270C**	--	--	--	--	--	--
n-Nitrosodimethylamine	**1625M**	0.005 U	0.005 U	0.005 U	0.0047 U	0.005 U	0.005 U
n-Nitrosodimethylamine	**8270C**	--	--	--	--	--	--
n-Nitrosodimethylamine	**8270C SIM**	--	--	--	--	--	--
n-Nitrosodi-n-butylamine	**8270C**	--	--	--	--	--	--
n-Nitrosodi-n-propylamine	**8270C**	--	--	--	--	--	--
n-Nitrosodiphenylamine	**8270C**	--	--	--	--	--	--
n-Nitrosodiphenylamine as Diphenylamine	**8270C**	--	--	--	--	--	--
n-Nitrosomethylethylamine	**8270C**	--	--	--	--	--	--
n-Nitrosomorpholine	**8270C**	--	--	--	--	--	--
n-Nitrosopiperidine	**8270C**	--	--	--	--	--	--
n-Nitrosopyrrolidine	**8270C**	--	--	--	--	--	--
o,o,o-Triethylphosphorothioate	**8270C**	--	--	--	--	--	--
o-Cresol	**8270C**	--	--	--	--	--	--
o-Tolidine	**8270C**	--	--	--	--	--	--
o-Toluidine	**8270C**	--	--	--	--	--	--
p-Chloroaniline	**8270C**	--	--	--	--	--	--
p-Chloro-m-cresol	**8270C**	--	--	--	--	--	--
p-Cresol	**8270C**	--	--	--	--	--	--
p-Dimethylaminoazobenzene	**8270C**	--	--	--	--	--	--
Pentachlorobenzene	**8270C**	--	--	--	--	--	--
Pentachloroethane	**8270C**	--	--	--	--	--	--
Pentachloronitrobenzene	**8270C**	--	--	--	--	--	--
Pentachlorophenol	**8270C**	--	--	--	--	--	--
Phenacetin	**8270C**	--	--	--	--	--	--
Phenanthrene	**8270C**	--	--	--	--	--	--
Phenanthrene	**8270C SIM**	--	--	--	--	--	--
Phenol	**8270C**	--	--	--	--	--	--
p-Nitroaniline	**8270C**	--	--	--	--	--	--
p-Phenylenediamine	**8270C**	--	--	--	--	--	--
Pronamide	**8270C**	--	--	--	--	--	--
Pyrene	**8270C**	--	--	--	--	--	--
Pyrene	**8270C SIM**	--	--	--	--	--	--
Pyridine	**8270C**	--	--	--	--	--	--
Safrole	**8270C**	--	--	--	--	--	--
sym-Trinitrobenzene	**8270C**	--	--	--	--	--	--
Tetraethyldithiopyrophosphate	**8270C**	--	--	--	--	--	--

TABLE 13
SEMI-VOLATILE ORGANIC COMPOUNDS ANALYTICAL RESULTS, 2012
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

	Well Identifier:	RD-35B	RD-35B	RD-36B	RD-36B	RD-36C
	SampleType:	Primary	Primary	Primary	Primary	Primary
	Sample Name:	RD-35B_012412_01	RD-35B_080612_01	RD-36B_020312_01	RD-36B_080612_01	RD-36C_020612_01
	Groundwater Unit:	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth
	Lab Name:	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
	Collection Date:	1/24/2012	8/6/2012	2/3/2012	8/6/2012	2/6/2012
Analyte (µg/L)	**Method**					
1,2,4,5-Tetrachlorobenzene	**8270C**	--	--	--	--	--
1,2,4-Trichlorobenzene	**8270C**	--	--	--	--	--
1,2-Dichlorobenzene	**8270C**	--	--	--	--	--
1,3-Dichlorobenzene	**8270C**	--	--	--	--	--
1,3-Dinitrobenzene	**8270C**	--	--	1.9 U	1.9 U	2 U
1,4-Dichlorobenzene	**8270C**	--	--	--	--	--
1,4-Naphthoquinone	**8270C**	--	--	--	--	--
1-Methylnaphthalene	**8270C SIM**	--	--	--	--	--
2,3,4,6-Tetrachlorophenol	**8270C**	--	--	--	--	--
2,4,5-Trichlorophenol	**8270C**	--	--	--	--	--
2,4,6-Trichlorophenol	**8270C**	--	--	--	--	--
2,4-Dichlorophenol	**8270C**	--	--	--	--	--
2,4-Dimethylphenol	**8270C**	--	--	--	--	--
2,4-Dinitrophenol	**8270C**	--	--	--	--	--
2,4-Dinitrotoluene	**8270C**	--	--	--	--	--
2,6-Dichlorophenol	**8270C**	--	--	--	--	--
2,6-Dinitrotoluene	**8270C**	--	--	--	--	--
2-Chloronaphthalene	**8270C**	--	--	--	--	--
2-Chlorophenol	**8270C**	--	--	--	--	--
2-Methylnaphthalene	**8270C**	--	--	--	--	--
2-Methylnaphthalene	**8270C SIM**	--	--	--	--	--
2-Nitroaniline	**8270C**	--	--	--	--	--
2-Nitrophenol	**8270C**	--	--	--	--	--
3,3'-Dichlorobenzidine	**8270C**	--	--	--	--	--
3-Methylcholanthrene	**8270C**	--	--	--	--	--
3-Nitroaniline	**8270C**	--	--	--	--	--
4,6-Dinitro-o-cresol	**8270C**	--	--	--	--	--
4-Aminobiphenyl	**8270C**	--	--	--	--	--
4-Bromophenylphenylether	**8270C**	--	--	--	--	--
4-Chlorophenylphenylether	**8270C**	--	--	--	--	--
4-Nitrophenol	**8270C**	--	--	--	--	--
4-Nitroquinoline-1-oxide	**8270C**	--	--	--	--	--
5-Nitro-o-toluidine	**8270C**	--	--	--	--	--
7,12-Dimethylbenz(a)anthracene	**8270C**	--	--	--	--	--
Acenaphthene	**8270C**	--	--	--	--	--
Acenaphthene	**8270C SIM**	--	--	--	--	--
Acenaphthylene	**8270C**	--	--	--	--	--
Acenaphthylene	**8270C SIM**	--	--	--	--	--
Acetamidofluorene	**8270C**	--	--	--	--	--
Acetophenone	**8270C**	--	--	--	--	--
alpha,alpha-Dimethylphenethylamine	**8270C**	--	--	--	--	--
alpha-Naphthylamine	**8270C**	--	--	--	--	--
alpha-Picoline	**8270C**	--	--	--	--	--
Aniline	**8270C**	--	--	--	--	--
Anthracene	**8270C**	--	--	--	--	--
Anthracene	**8270C SIM**	--	--	--	--	--
Aramite	**8270C**	--	--	--	--	--
Benzidine	**8270C**	--	--	--	--	--
Benzo(a)anthracene	**8270C**	--	--	--	--	--
Benzo(a)anthracene	**8270C SIM**	--	--	--	--	--
Benzo(a)pyrene	**8270C**	--	--	--	--	--
Benzo(a)pyrene	**8270C SIM**	--	--	--	--	--
Benzo(b)fluoranthene	**8270C**	--	--	--	--	--
Benzo(b)fluoranthene	**8270C SIM**	--	--	--	--	--
Benzo(ghi)perylene	**8270C**	--	--	--	--	--
Benzo(ghi)perylene	**8270C SIM**	--	--	--	--	--
Benzo(k)fluoranthene	**8270C**	--	--	--	--	--
Benzo(k)fluoranthene	**8270C SIM**	--	--	--	--	--
Benzoicacid	**8270C**	--	--	--	--	--
Benzylalcohol	**8270C**	--	--	--	--	--
beta-Naphthylamine	**8270C**	--	--	--	--	--
bis(2-Chloroethoxy)methane	**8270C**	--	--	--	--	--
bis(2-Chloroethyl)ether	**8270C**	--	--	--	--	--
bis(2-Chloroisopropyl)ether	**8270C**	--	--	--	--	--
bis(2-Ethylhexyl)phthalate	**8270C**	--	--	0.53 U	9.5 U	9.8 U
bis(2-Ethylhexyl)phthalate	**8270C SIM**	--	--	--	--	--
Butylbenzylphthalate	**8270C**	--	--	0.95 U	0.95 U	0.98 U
Butylbenzylphthalate	**8270C SIM**	--	--	--	--	--
Chrysene	**8270C**	--	--	--	--	--
Chrysene	**8270C SIM**	--	--	--	--	--
Dibenzo(a,h)anthracene	**8270C**	--	--	--	--	--
Dibenzo(a,h)anthracene	**8270C SIM**	--	--	--	--	--
Dibenzofuran	**8270C**	--	--	--	--	--

TABLE 13
SEMI-VOLATILE ORGANIC COMPOUNDS ANALYTICAL RESULTS, 2012
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

	Well Identifier:	RD-35B	RD-35B	RD-36B	RD-36B	RD-36C
	SampleType:	Primary	Primary	Primary	Primary	Primary
	Sample Name:	RD-35B_012412_01	RD-35B_080612_01	RD-36B_020312_01	RD-36B_080612_01	RD-36C_020612_01
	Groundwater Unit:	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth
	Lab Name:	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
	Collection Date:	1/24/2012	8/6/2012	2/3/2012	8/6/2012	2/6/2012
Analyte (µg/L)	**Method**					
Diethylphthalate	**8270C**	--	--	0.36 U	0.36 U	0.37 U
Diethylphthalate	**8270C SIM**	--	--	--	--	--
Dimethylphthalate	**8270C**	--	--	0.2 U	0.2 U	0.21 U
Dimethylphthalate	**8270C SIM**	--	--	--	--	--
Di-n-butylphthalate	**8270C**	--	--	1.1 U	1.1 U	1.1 U
Di-n-butylphthalate	**8270C SIM**	--	--	--	--	--
Di-n-octylphthalate	**8270C**	--	--	0.33 U	2.2 J	0.34 U
Di-n-octylphthalate	**8270C SIM**	--	--	--	--	--
Diphenylamine	**8270C**	--	--	--	--	--
Ethylmethanesulfonate	**8270C**	--	--	--	--	--
Famphur	**8270C**	--	--	--	--	--
Fluoranthene	**8270C**	--	--	--	--	--
Fluoranthene	**8270C SIM**	--	--	--	--	--
Fluorene	**8270C**	--	--	--	--	--
Fluorene	**8270C SIM**	--	--	--	--	--
Formaldehyde	**8315**	--	--	50 U	50 U	50 U
Formaldehyde	**8315A**	--	--	--	--	--
Hexachlorobenzene	**8270C**	--	--	--	--	--
Hexachlorobutadiene	**8270C**	--	--	--	--	--
Hexachlorocyclopentadiene	**8270C**	--	--	--	--	--
Hexachloroethane	**8270C**	--	--	--	--	--
Hexachlorophene	**8151A**	--	--	--	--	--
Hexachlorophene	**8321A**	--	--	--	--	--
Hexachloropropene	**8270C**	--	--	--	--	--
Indeno(1,2,3-cd)pyrene	**8270C**	--	--	--	--	--
Indeno(1,2,3-cd)pyrene	**8270C SIM**	--	--	--	--	--
Isodrin	**8270C**	--	--	--	--	--
Isophorone	**8270C**	--	--	--	--	--
Isosafrole	**8270C**	--	--	--	--	--
m+pCresol	**8270C**	--	--	--	--	--
m-Cresol	**8270C**	--	--	--	--	--
Methapyrilene	**8270C**	--	--	--	--	--
Methylmethanesulfonate	**8270C**	--	--	--	--	--
Naphthalene	**8270C**	--	--	--	--	--
Naphthalene	**8270C SIM**	--	--	--	--	--
Nitrobenzene	**8270C**	--	--	0.77 U	0.77 U	0.79 U
n-Nitrosodiethylamine	**8270C**	--	--	--	--	--
n-Nitrosodimethylamine	**1625M**	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
n-Nitrosodimethylamine	**8270C**	--	--	--	--	--
n-Nitrosodimethylamine	**8270C SIM**	--	--	--	--	--
n-Nitrosodi-n-butylamine	**8270C**	--	--	--	--	--
n-Nitrosodi-n-propylamine	**8270C**	--	--	--	--	--
n-Nitrosodiphenylamine	**8270C**	--	--	--	--	--
n-Nitrosodiphenylamine as Diphenylamine	**8270C**	--	--	--	--	--
n-Nitrosomethylethylamine	**8270C**	--	--	--	--	--
n-Nitrosomorpholine	**8270C**	--	--	--	--	--
n-Nitrosopiperidine	**8270C**	--	--	--	--	--
n-Nitrosopyrrolidine	**8270C**	--	--	--	--	--
o,o,o-Triethylphosphorothioate	**8270C**	--	--	--	--	--
o-Cresol	**8270C**	--	--	--	--	--
o-Tolidine	**8270C**	--	--	--	--	--
o-Toluidine	**8270C**	--	--	--	--	--
p-Chloroaniline	**8270C**	--	--	--	--	--
p-Chloro-m-cresol	**8270C**	--	--	--	--	--
p-Cresol	**8270C**	--	--	--	--	--
p-Dimethylaminoazobenzene	**8270C**	--	--	--	--	--
Pentachlorobenzene	**8270C**	--	--	--	--	--
Pentachloroethane	**8270C**	--	--	--	--	--
Pentachloronitrobenzene	**8270C**	--	--	--	--	--
Pentachlorophenol	**8270C**	--	--	--	--	--
Phenacetin	**8270C**	--	--	--	--	--
Phenanthrene	**8270C**	--	--	--	--	--
Phenanthrene	**8270C SIM**	--	--	--	--	--
Phenol	**8270C**	--	--	--	--	--
p-Nitroaniline	**8270C**	--	--	--	--	--
p-Phenylenediamine	**8270C**	--	--	--	--	--
Pronamide	**8270C**	--	--	--	--	--
Pyrene	**8270C**	--	--	--	--	--
Pyrene	**8270C SIM**	--	--	--	--	--
Pyridine	**8270C**	--	--	--	--	--
Safrole	**8270C**	--	--	--	--	--
sym-Trinitrobenzene	**8270C**	--	--	--	--	--
Tetraethyldithiopyrophosphate	**8270C**	--	--	--	--	--

TABLE 13
SEMI-VOLATILE ORGANIC COMPOUNDS ANALYTICAL RESULTS, 2012
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

	Well Identifier:	RD-36C	RD-36C	RD-36D	RD-36D	RD-37
	SampleType:	Field Duplicate	Primary	Primary	Primary	Primary
	Sample Name:	RD-36C_020612_36	RD-36C_080612_01	RD-36D_020312_01	RD-36D_080612_01	RD-37_020612_01
	Groundwater Unit:	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth
	Lab Name:	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
	Collection Date:	2/6/2012	8/6/2012	2/3/2012	8/6/2012	2/6/2012
Analyte (µg/L)	**Method**					
1,2,4,5-Tetrachlorobenzene	**8270C**	--	--	--	--	--
1,2,4-Trichlorobenzene	**8270C**	--	--	--	--	--
1,2-Dichlorobenzene	**8270C**	--	--	--	--	--
1,3-Dichlorobenzene	**8270C**	--	--	--	--	--
1,3-Dinitrobenzene	**8270C**	1.9 U	1.9 U	1.9 U	2 U	2 U
1,4-Dichlorobenzene	**8270C**	--	--	--	--	--
1,4-Naphthoquinone	**8270C**	--	--	--	--	--
1-Methylnaphthalene	**8270C SIM**	--	--	--	--	--
2,3,4,6-Tetrachlorophenol	**8270C**	--	--	--	--	--
2,4,5-Trichlorophenol	**8270C**	--	--	--	--	--
2,4,6-Trichlorophenol	**8270C**	--	--	--	--	--
2,4-Dichlorophenol	**8270C**	--	--	--	--	--
2,4-Dimethylphenol	**8270C**	--	--	--	--	--
2,4-Dinitrophenol	**8270C**	--	--	--	--	--
2,4-Dinitrotoluene	**8270C**	--	--	--	--	--
2,6-Dichlorophenol	**8270C**	--	--	--	--	--
2,6-Dinitrotoluene	**8270C**	--	--	--	--	--
2-Chloronaphthalene	**8270C**	--	--	--	--	--
2-Chlorophenol	**8270C**	--	--	--	--	--
2-Methylnaphthalene	**8270C**	--	--	--	--	--
2-Methylnaphthalene	**8270C SIM**	--	--	--	--	--
2-Nitroaniline	**8270C**	--	--	--	--	--
2-Nitrophenol	**8270C**	--	--	--	--	--
3,3'-Dichlorobenzidine	**8270C**	--	--	--	--	--
3-Methylcholanthrene	**8270C**	--	--	--	--	--
3-Nitroaniline	**8270C**	--	--	--	--	--
4,6-Dinitro-o-cresol	**8270C**	--	--	--	--	--
4-Aminobiphenyl	**8270C**	--	--	--	--	--
4-Bromophenylphenylether	**8270C**	--	--	--	--	--
4-Chlorophenylphenylether	**8270C**	--	--	--	--	--
4-Nitrophenol	**8270C**	--	--	--	--	--
4-Nitroquinoline-1-oxide	**8270C**	--	--	--	--	--
5-Nitro-o-toluidine	**8270C**	--	--	--	--	--
7,12-Dimethylbenz(a)anthracene	**8270C**	--	--	--	--	--
Acenaphthene	**8270C**	--	--	--	--	--
Acenaphthene	**8270C SIM**	--	--	--	--	--
Acenaphthylene	**8270C**	--	--	--	--	--
Acenaphthylene	**8270C SIM**	--	--	--	--	--
Acetamidofluorene	**8270C**	--	--	--	--	--
Acetophenone	**8270C**	--	--	--	--	--
alpha,alpha-Dimethylphenethylamine	**8270C**	--	--	--	--	--
alpha-Naphthylamine	**8270C**	--	--	--	--	--
alpha-Picoline	**8270C**	--	--	--	--	--
Aniline	**8270C**	--	--	--	--	--
Anthracene	**8270C**	--	--	--	--	--
Anthracene	**8270C SIM**	--	--	--	--	--
Aramite	**8270C**	--	--	--	--	--
Benzidine	**8270C**	--	--	--	--	--
Benzo(a)anthracene	**8270C**	--	--	--	--	--
Benzo(a)anthracene	**8270C SIM**	--	--	--	--	--
Benzo(a)pyrene	**8270C**	--	--	--	--	--
Benzo(a)pyrene	**8270C SIM**	--	--	--	--	--
Benzo(b)fluoranthene	**8270C**	--	--	--	--	--
Benzo(b)fluoranthene	**8270C SIM**	--	--	--	--	--
Benzo(ghi)perylene	**8270C**	--	--	--	--	--
Benzo(ghi)perylene	**8270C SIM**	--	--	--	--	--
Benzo(k)fluoranthene	**8270C**	--	--	--	--	--
Benzo(k)fluoranthene	**8270C SIM**	--	--	--	--	--
Benzoicacid	**8270C**	--	--	--	--	--
Benzylalcohol	**8270C**	--	--	--	--	--
beta-Naphthylamine	**8270C**	--	--	--	--	--
bis(2-Chloroethoxy)methane	**8270C**	--	--	--	--	--
bis(2-Chloroethyl)ether	**8270C**	--	--	--	--	--
bis(2-Chloroisopropyl)ether	**8270C**	--	--	--	--	--
bis(2-Ethylhexyl)phthalate	**8270C**	9.6 U	28	0.64 J	9.8 U	9.8 U
bis(2-Ethylhexyl)phthalate	**8270C SIM**	--	--	--	--	--
Butylbenzylphthalate	**8270C**	0.96 U	0.96 U	0.96 U	0.98 U	0.98 U
Butylbenzylphthalate	**8270C SIM**	--	--	--	--	--
Chrysene	**8270C**	--	--	--	--	--
Chrysene	**8270C SIM**	--	--	--	--	--
Dibenzo(a,h)anthracene	**8270C**	--	--	--	--	--
Dibenzo(a,h)anthracene	**8270C SIM**	--	--	--	--	--
Dibenzofuran	**8270C**	--	--	--	--	--

TABLE 13
SEMI-VOLATILE ORGANIC COMPOUNDS ANALYTICAL RESULTS, 2012
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

	Well Identifier:	RD-36C	RD-36C	RD-36D	RD-36D	RD-37
	SampleType:	Field Duplicate	Primary	Primary	Primary	Primary
	Sample Name:	RD-36C_020612_36	RD-36C_080612_01	RD-36D_020312_01	RD-36D_080612_01	RD-37_020612_01
	Groundwater Unit:	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth
	Lab Name:	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
	Collection Date:	2/6/2012	8/6/2012	2/3/2012	8/6/2012	2/6/2012
Analyte (µg/L)	**Method**					
Diethylphthalate	**8270C**	0.37 U	0.36 U	0.36 U	0.37 U	0.37 U
Diethylphthalate	**8270C SIM**	--	--	--	--	--
Dimethylphthalate	**8270C**	0.2 U	0.2 U	0.2 U	0.21 U	0.21 U
Dimethylphthalate	**8270C SIM**	--	--	--	--	--
Di-n-butylphthalate	**8270C**	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U
Di-n-butylphthalate	**8270C SIM**	--	--	--	--	--
Di-n-octylphthalate	**8270C**	0.34 U	2.2 J	0.34 U	2.2 J	0.34 U
Di-n-octylphthalate	**8270C SIM**	--	--	--	--	--
Diphenylamine	**8270C**	--	--	--	--	--
Ethylmethanesulfonate	**8270C**	--	--	--	--	--
Famphur	**8270C**	--	--	--	--	--
Fluoranthene	**8270C**	--	--	--	--	--
Fluoranthene	**8270C SIM**	--	--	--	--	--
Fluorene	**8270C**	--	--	--	--	--
Fluorene	**8270C SIM**	--	--	--	--	--
Formaldehyde	**8315**	50 U	50 U	50 U	50 U	50 U
Formaldehyde	**8315A**	--	--	--	--	--
Hexachlorobenzene	**8270C**	--	--	--	--	--
Hexachlorobutadiene	**8270C**	--	--	--	--	--
Hexachlorocyclopentadiene	**8270C**	--	--	--	--	--
Hexachloroethane	**8270C**	--	--	--	--	--
Hexachlorophene	**8151A**	--	--	--	--	--
Hexachlorophene	**8321A**	--	--	--	--	--
Hexachloropropene	**8270C**	--	--	--	--	--
Indeno(1,2,3-cd)pyrene	**8270C**	--	--	--	--	--
Indeno(1,2,3-cd)pyrene	**8270C SIM**	--	--	--	--	--
Isodrin	**8270C**	--	--	--	--	--
Isophorone	**8270C**	--	--	--	--	--
Isosafrole	**8270C**	--	--	--	--	--
m+pCresol	**8270C**	--	--	--	--	--
m-Cresol	**8270C**	--	--	--	--	--
Methapyrilene	**8270C**	--	--	--	--	--
Methylmethanesulfonate	**8270C**	--	--	--	--	--
Naphthalene	**8270C**	--	--	--	--	--
Naphthalene	**8270C SIM**	--	--	--	--	--
Nitrobenzene	**8270C**	0.78 U	0.77 U	0.78 U	0.8 U	0.79 U
n-Nitrosodiethylamine	**8270C**	--	--	--	--	--
n-Nitrosodimethylamine	**1625M**	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
n-Nitrosodimethylamine	**8270C**	--	--	--	--	--
n-Nitrosodimethylamine	**8270C SIM**	--	--	--	--	--
n-Nitrosodi-n-butylamine	**8270C**	--	--	--	--	--
n-Nitrosodi-n-propylamine	**8270C**	--	--	--	--	--
n-Nitrosodiphenylamine	**8270C**	--	--	--	--	--
n-Nitrosodiphenylamine as Diphenylamine	**8270C**	--	--	--	--	--
n-Nitrosomethylethylamine	**8270C**	--	--	--	--	--
n-Nitrosomorpholine	**8270C**	--	--	--	--	--
n-Nitrosopiperidine	**8270C**	--	--	--	--	--
n-Nitrosopyrrolidine	**8270C**	--	--	--	--	--
o,o,o-Triethylphosphorothioate	**8270C**	--	--	--	--	--
o-Cresol	**8270C**	--	--	--	--	--
o-Tolidine	**8270C**	--	--	--	--	--
o-Toluidine	**8270C**	--	--	--	--	--
p-Chloroaniline	**8270C**	--	--	--	--	--
p-Chloro-m-cresol	**8270C**	--	--	--	--	--
p-Cresol	**8270C**	--	--	--	--	--
p-Dimethylaminoazobenzene	**8270C**	--	--	--	--	--
Pentachlorobenzene	**8270C**	--	--	--	--	--
Pentachloroethane	**8270C**	--	--	--	--	--
Pentachloronitrobenzene	**8270C**	--	--	--	--	--
Pentachlorophenol	**8270C**	--	--	--	--	--
Phenacetin	**8270C**	--	--	--	--	--
Phenanthrene	**8270C**	--	--	--	--	--
Phenanthrene	**8270C SIM**	--	--	--	--	--
Phenol	**8270C**	--	--	--	--	--
p-Nitroaniline	**8270C**	--	--	--	--	--
p-Phenylenediamine	**8270C**	--	--	--	--	--
Pronamide	**8270C**	--	--	--	--	--
Pyrene	**8270C**	--	--	--	--	--
Pyrene	**8270C SIM**	--	--	--	--	--
Pyridine	**8270C**	--	--	--	--	--
Safrole	**8270C**	--	--	--	--	--
sym-Trinitrobenzene	**8270C**	--	--	--	--	--
Tetraethyldithiopyrophosphate	**8270C**	--	--	--	--	--

TABLE 13
SEMI-VOLATILE ORGANIC COMPOUNDS ANALYTICAL RESULTS, 2012
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

	Well Identifier:	RD-37	RD-37	RD-38B	RD-38B	RD-38B
	SampleType:	Field Duplicate	Primary	Primary	Primary	Field Duplicate
	Sample Name:	RD-37_020612_36	RD-37_080812_01	RD-38B_020212_01	RD-38B_080712_01	RD-38B_080712_36
	Groundwater Unit:	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth
	Lab Name:	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
	Collection Date:	2/6/2012	8/8/2012	2/2/2012	8/7/2012	8/7/2012
Analyte (µg/L)	**Method**					
1,2,4,5-Tetrachlorobenzene	**8270C**	--	--	--	--	--
1,2,4-Trichlorobenzene	**8270C**	--	--	--	--	--
1,2-Dichlorobenzene	**8270C**	--	--	--	--	--
1,3-Dichlorobenzene	**8270C**	--	--	--	--	--
1,3-Dinitrobenzene	**8270C**	2 U	1.9 U	1.9 U	2 U	2 U
1,4-Dichlorobenzene	**8270C**	--	--	--	--	--
1,4-Naphthoquinone	**8270C**	--	--	--	--	--
1-Methylnaphthalene	**8270C SIM**	--	--	--	--	--
2,3,4,6-Tetrachlorophenol	**8270C**	--	--	--	--	--
2,4,5-Trichlorophenol	**8270C**	--	--	--	--	--
2,4,6-Trichlorophenol	**8270C**	--	--	--	--	--
2,4-Dichlorophenol	**8270C**	--	--	--	--	--
2,4-Dimethylphenol	**8270C**	--	--	--	--	--
2,4-Dinitrophenol	**8270C**	--	--	--	--	--
2,4-Dinitrotoluene	**8270C**	--	--	--	--	--
2,6-Dichlorophenol	**8270C**	--	--	--	--	--
2,6-Dinitrotoluene	**8270C**	--	--	--	--	--
2-Chloronaphthalene	**8270C**	--	--	--	--	--
2-Chlorophenol	**8270C**	--	--	--	--	--
2-Methylnaphthalene	**8270C**	--	--	--	--	--
2-Methylnaphthalene	**8270C SIM**	--	--	--	--	--
2-Nitroaniline	**8270C**	--	--	--	--	--
2-Nitrophenol	**8270C**	--	--	--	--	--
3,3'-Dichlorobenzidine	**8270C**	--	--	--	--	--
3-Methylcholanthrene	**8270C**	--	--	--	--	--
3-Nitroaniline	**8270C**	--	--	--	--	--
4,6-Dinitro-o-cresol	**8270C**	--	--	--	--	--
4-Aminobiphenyl	**8270C**	--	--	--	--	--
4-Bromophenylphenylether	**8270C**	--	--	--	--	--
4-Chlorophenylphenylether	**8270C**	--	--	--	--	--
4-Nitrophenol	**8270C**	--	--	--	--	--
4-Nitroquinoline-1-oxide	**8270C**	--	--	--	--	--
5-Nitro-o-toluidine	**8270C**	--	--	--	--	--
7,12-Dimethylbenz(a)anthracene	**8270C**	--	--	--	--	--
Acenaphthene	**8270C**	--	--	--	--	--
Acenaphthene	**8270C SIM**	--	--	--	--	--
Acenaphthylene	**8270C**	--	--	--	--	--
Acenaphthylene	**8270C SIM**	--	--	--	--	--
Acetamidofluorene	**8270C**	--	--	--	--	--
Acetophenone	**8270C**	--	--	--	--	--
alpha,alpha-Dimethylphenethylamine	**8270C**	--	--	--	--	--
alpha-Naphthylamine	**8270C**	--	--	--	--	--
alpha-Picoline	**8270C**	--	--	--	--	--
Aniline	**8270C**	--	--	--	--	--
Anthracene	**8270C**	--	--	--	--	--
Anthracene	**8270C SIM**	--	--	--	--	--
Aramite	**8270C**	--	--	--	--	--
Benzidine	**8270C**	--	--	--	--	--
Benzo(a)anthracene	**8270C**	--	--	--	--	--
Benzo(a)anthracene	**8270C SIM**	--	--	--	--	--
Benzo(a)pyrene	**8270C**	--	--	--	--	--
Benzo(a)pyrene	**8270C SIM**	--	--	--	--	--
Benzo(b)fluoranthene	**8270C**	--	--	--	--	--
Benzo(b)fluoranthene	**8270C SIM**	--	--	--	--	--
Benzo(ghi)perylene	**8270C**	--	--	--	--	--
Benzo(ghi)perylene	**8270C SIM**	--	--	--	--	--
Benzo(k)fluoranthene	**8270C**	--	--	--	--	--
Benzo(k)fluoranthene	**8270C SIM**	--	--	--	--	--
Benzoicacid	**8270C**	--	--	--	--	--
Benzylalcohol	**8270C**	--	--	--	--	--
beta-Naphthylamine	**8270C**	--	--	--	--	--
bis(2-Chloroethoxy)methane	**8270C**	--	--	--	--	--
bis(2-Chloroethyl)ether	**8270C**	--	--	--	--	--
bis(2-Chloroisopropyl)ether	**8270C**	--	--	--	--	--
bis(2-Ethylhexyl)phthalate	**8270C**	9.9 U	0.53 U	0.7 J	0.55 U	0.55 U
bis(2-Ethylhexyl)phthalate	**8270C SIM**	--	--	--	--	--
Butylbenzylphthalate	**8270C**	0.99 U	0.95 U	0.95 U	0.98 U	0.98 U
Butylbenzylphthalate	**8270C SIM**	--	--	--	--	--
Chrysene	**8270C**	--	--	--	--	--
Chrysene	**8270C SIM**	--	--	--	--	--
Dibenzo(a,h)anthracene	**8270C**	--	--	--	--	--
Dibenzo(a,h)anthracene	**8270C SIM**	--	--	--	--	--
Dibenzofuran	**8270C**	--	--	--	--	--

TABLE 13
SEMI-VOLATILE ORGANIC COMPOUNDS ANALYTICAL RESULTS, 2012
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

	Well Identifier:	RD-37	RD-37	RD-38B	RD-38B	RD-38B
	SampleType:	Field Duplicate	Primary	Primary	Primary	Field Duplicate
	Sample Name:	RD-37_020612_36	RD-37_080812_01	RD-38B_020212_01	RD-38B_080712_01	RD-38B_080712_36
	Groundwater Unit:	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth
	Lab Name:	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
	Collection Date:	2/6/2012	8/8/2012	2/2/2012	8/7/2012	8/7/2012
Analyte (µg/L)	**Method**					
Diethylphthalate	**8270C**	0.37 U	0.36 U	0.36 U	0.37 U	0.37 U
Diethylphthalate	**8270C SIM**	--	--	--	--	--
Dimethylphthalate	**8270C**	0.21 U	0.2 U	0.2 U	0.2 U	0.21 U
Dimethylphthalate	**8270C SIM**	--	--	--	--	--
Di-n-butylphthalate	**8270C**	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U
Di-n-butylphthalate	**8270C SIM**	--	--	--	--	--
Di-n-octylphthalate	**8270C**	0.34 U	0.33 U	0.33 U	0.34 U	0.34 U
Di-n-octylphthalate	**8270C SIM**	--	--	--	--	--
Diphenylamine	**8270C**	--	--	--	--	--
Ethylmethanesulfonate	**8270C**	--	--	--	--	--
Famphur	**8270C**	--	--	--	--	--
Fluoranthene	**8270C**	--	--	--	--	--
Fluoranthene	**8270C SIM**	--	--	--	--	--
Fluorene	**8270C**	--	--	--	--	--
Fluorene	**8270C SIM**	--	--	--	--	--
Formaldehyde	**8315**	50 U	50 U	50 U	50 U	8.4 U
Formaldehyde	**8315A**	--	--	--	--	--
Hexachlorobenzene	**8270C**	--	--	--	--	--
Hexachlorobutadiene	**8270C**	--	--	--	--	--
Hexachlorocyclopentadiene	**8270C**	--	--	--	--	--
Hexachloroethane	**8270C**	--	--	--	--	--
Hexachlorophene	**8151A**	--	--	--	--	--
Hexachlorophene	**8321A**	--	--	--	--	--
Hexachloropropene	**8270C**	--	--	--	--	--
Indeno(1,2,3-cd)pyrene	**8270C**	--	--	--	--	--
Indeno(1,2,3-cd)pyrene	**8270C SIM**	--	--	--	--	--
Isodrin	**8270C**	--	--	--	--	--
Isophorone	**8270C**	--	--	--	--	--
Isosafrole	**8270C**	--	--	--	--	--
m+pCresol	**8270C**	--	--	--	--	--
m-Cresol	**8270C**	--	--	--	--	--
Methapyrilene	**8270C**	--	--	--	--	--
Methylmethanesulfonate	**8270C**	--	--	--	--	--
Naphthalene	**8270C**	--	--	--	--	--
Naphthalene	**8270C SIM**	--	--	--	--	--
Nitrobenzene	**8270C**	0.8 U	0.77 U	0.77 U	0.79 U	0.79 U
n-Nitrosodiethylamine	**8270C**	--	--	--	--	--
n-Nitrosodimethylamine	**1625M**	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
n-Nitrosodimethylamine	**8270C**	--	--	--	--	--
n-Nitrosodimethylamine	**8270C SIM**	--	--	--	--	--
n-Nitrosodi-n-butylamine	**8270C**	--	--	--	--	--
n-Nitrosodi-n-propylamine	**8270C**	--	--	--	--	--
n-Nitrosodiphenylamine	**8270C**	--	--	--	--	--
n-Nitrosodiphenylamine as Diphenylamine	**8270C**	--	--	--	--	--
n-Nitrosomethylethylamine	**8270C**	--	--	--	--	--
n-Nitrosomorpholine	**8270C**	--	--	--	--	--
n-Nitrosopiperidine	**8270C**	--	--	--	--	--
n-Nitrosopyrrolidine	**8270C**	--	--	--	--	--
o,o,o-Triethylphosphorothioate	**8270C**	--	--	--	--	--
o-Cresol	**8270C**	--	--	--	--	--
o-Tolidine	**8270C**	--	--	--	--	--
o-Toluidine	**8270C**	--	--	--	--	--
p-Chloroaniline	**8270C**	--	--	--	--	--
p-Chloro-m-cresol	**8270C**	--	--	--	--	--
p-Cresol	**8270C**	--	--	--	--	--
p-Dimethylaminoazobenzene	**8270C**	--	--	--	--	--
Pentachlorobenzene	**8270C**	--	--	--	--	--
Pentachloroethane	**8270C**	--	--	--	--	--
Pentachloronitrobenzene	**8270C**	--	--	--	--	--
Pentachlorophenol	**8270C**	--	--	--	--	--
Phenacetin	**8270C**	--	--	--	--	--
Phenanthrene	**8270C**	--	--	--	--	--
Phenanthrene	**8270C SIM**	--	--	--	--	--
Phenol	**8270C**	--	--	--	--	--
p-Nitroaniline	**8270C**	--	--	--	--	--
p-Phenylenediamine	**8270C**	--	--	--	--	--
Pronamide	**8270C**	--	--	--	--	--
Pyrene	**8270C**	--	--	--	--	--
Pyrene	**8270C SIM**	--	--	--	--	--
Pyridine	**8270C**	--	--	--	--	--
Safrole	**8270C**	--	--	--	--	--
sym-Trinitrobenzene	**8270C**	--	--	--	--	--
Tetraethyldithiopyrophosphate	**8270C**	--	--	--	--	--

TABLE 13
SEMI-VOLATILE ORGANIC COMPOUNDS ANALYTICAL RESULTS, 2012
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

	Well Identifier:	RD-39B	RD-39B	RD-40	RD-40	RD-41A	RD-42
	SampleType:	Primary	Primary	Primary	Primary	Primary	Primary
	Sample Name:	RD-39B_020912_01	RD-39B_080712_01	RD-40_021612_01	RD-40_071112_01	RD-41A_012712_01	RD-42_021612_01
	Groundwater Unit:	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth
	Lab Name:	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
	Collection Date:	2/9/2012	8/7/2012	2/16/2012	7/11/2012	1/27/2012	2/16/2012
Analyte (µg/L)	**Method**						
1,2,4,5-Tetrachlorobenzene	**8270C**	--	--	--	--	--	--
1,2,4-Trichlorobenzene	**8270C**	--	--	--	--	--	--
1,2-Dichlorobenzene	**8270C**	--	--	--	--	--	--
1,3-Dichlorobenzene	**8270C**	--	--	--	--	--	--
1,3-Dinitrobenzene	**8270C**	1.9 U	2 U	--	--	1.9 U	--
1,4-Dichlorobenzene	**8270C**	--	--	--	--	--	--
1,4-Naphthoquinone	**8270C**	--	--	--	--	--	--
1-Methylnaphthalene	**8270C SIM**	--	--	--	--	--	--
2,3,4,6-Tetrachlorophenol	**8270C**	--	--	--	--	--	--
2,4,5-Trichlorophenol	**8270C**	--	--	--	--	--	--
2,4,6-Trichlorophenol	**8270C**	--	--	--	--	--	--
2,4-Dichlorophenol	**8270C**	--	--	--	--	--	--
2,4-Dimethylphenol	**8270C**	--	--	--	--	--	--
2,4-Dinitrophenol	**8270C**	--	--	--	--	--	--
2,4-Dinitrotoluene	**8270C**	--	--	--	--	--	--
2,6-Dichlorophenol	**8270C**	--	--	--	--	--	--
2,6-Dinitrotoluene	**8270C**	--	--	--	--	--	--
2-Chloronaphthalene	**8270C**	--	--	--	--	--	--
2-Chlorophenol	**8270C**	--	--	--	--	--	--
2-Methylnaphthalene	**8270C**	--	--	--	--	--	--
2-Methylnaphthalene	**8270C SIM**	--	--	--	--	--	--
2-Nitroaniline	**8270C**	--	--	--	--	--	--
2-Nitrophenol	**8270C**	--	--	--	--	--	--
3,3'-Dichlorobenzidine	**8270C**	--	--	--	--	--	--
3-Methylcholanthrene	**8270C**	--	--	--	--	--	--
3-Nitroaniline	**8270C**	--	--	--	--	--	--
4,6-Dinitro-o-cresol	**8270C**	--	--	--	--	--	--
4-Aminobiphenyl	**8270C**	--	--	--	--	--	--
4-Bromophenylphenylether	**8270C**	--	--	--	--	--	--
4-Chlorophenylphenylether	**8270C**	--	--	--	--	--	--
4-Nitrophenol	**8270C**	--	--	--	--	--	--
4-Nitroquinoline-1-oxide	**8270C**	--	--	--	--	--	--
5-Nitro-o-toluidine	**8270C**	--	--	--	--	--	--
7,12-Dimethylbenz(a)anthracene	**8270C**	--	--	--	--	--	--
Acenaphthene	**8270C**	--	--	--	--	--	--
Acenaphthene	**8270C SIM**	--	--	--	--	--	--
Acenaphthylene	**8270C**	--	--	--	--	--	--
Acenaphthylene	**8270C SIM**	--	--	--	--	--	--
Acetamidofluorene	**8270C**	--	--	--	--	--	--
Acetophenone	**8270C**	--	--	--	--	--	--
alpha,alpha-Dimethylphenethylamine	**8270C**	--	--	--	--	--	--
alpha-Naphthylamine	**8270C**	--	--	--	--	--	--
alpha-Picoline	**8270C**	--	--	--	--	--	--
Aniline	**8270C**	--	--	--	--	--	--
Anthracene	**8270C**	--	--	--	--	--	--
Anthracene	**8270C SIM**	--	--	--	--	--	--
Aramite	**8270C**	--	--	--	--	--	--
Benzidine	**8270C**	--	--	--	--	--	--
Benzo(a)anthracene	**8270C**	--	--	--	--	--	--
Benzo(a)anthracene	**8270C SIM**	--	--	--	--	--	--
Benzo(a)pyrene	**8270C**	--	--	--	--	--	--
Benzo(a)pyrene	**8270C SIM**	--	--	--	--	--	--
Benzo(b)fluoranthene	**8270C**	--	--	--	--	--	--
Benzo(b)fluoranthene	**8270C SIM**	--	--	--	--	--	--
Benzo(ghi)perylene	**8270C**	--	--	--	--	--	--
Benzo(ghi)perylene	**8270C SIM**	--	--	--	--	--	--
Benzo(k)fluoranthene	**8270C**	--	--	--	--	--	--
Benzo(k)fluoranthene	**8270C SIM**	--	--	--	--	--	--
Benzoicacid	**8270C**	--	--	--	--	--	--
Benzylalcohol	**8270C**	--	--	--	--	--	--
beta-Naphthylamine	**8270C**	--	--	--	--	--	--
bis(2-Chloroethoxy)methane	**8270C**	--	--	--	--	--	--
bis(2-Chloroethyl)ether	**8270C**	--	--	--	--	--	--
bis(2-Chloroisopropyl)ether	**8270C**	--	--	--	--	--	--
bis(2-Ethylhexyl)phthalate	**8270C**	0.54 U	0.55 U	--	--	--	--
bis(2-Ethylhexyl)phthalate	**8270C SIM**	--	--	--	--	--	--
Butylbenzylphthalate	**8270C**	0.97 U	0.98 U	--	--	--	--
Butylbenzylphthalate	**8270C SIM**	--	--	--	--	--	--
Chrysene	**8270C**	--	--	--	--	--	--
Chrysene	**8270C SIM**	--	--	--	--	--	--
Dibenzo(a,h)anthracene	**8270C**	--	--	--	--	--	--
Dibenzo(a,h)anthracene	**8270C SIM**	--	--	--	--	--	--
Dibenzofuran	**8270C**	--	--	--	--	--	--

TABLE 13
SEMI-VOLATILE ORGANIC COMPOUNDS ANALYTICAL RESULTS, 2012
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		RD-39B	RD-39B	RD-40	RD-40	RD-41A	RD-42
SampleType:		Primary	Primary	Primary	Primary	Primary	Primary
Sample Name:		RD-39B_020912_01	RD-39B_080712_01	RD-40_021612_01	RD-40_071112_01	RD-41A_012712_01	RD-42_021612_01
Groundwater Unit:		Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth
Lab Name:		TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
Collection Date:		2/9/2012	8/7/2012	2/16/2012	7/11/2012	1/27/2012	2/16/2012
Analyte (µg/L)	**Method**						
Diethylphthalate	**8270C**	0.37 U	0.37 U	--	--	--	--
Diethylphthalate	**8270C SIM**	--	--	--	--	--	--
Dimethylphthalate	**8270C**	0.2 U	0.21 U	--	--	--	--
Dimethylphthalate	**8270C SIM**	--	--	--	--	--	--
Di-n-butylphthalate	**8270C**	1.1 U	1.1 U	--	--	--	--
Di-n-butylphthalate	**8270C SIM**	--	--	--	--	--	--
Di-n-octylphthalate	**8270C**	0.34 U	0.34 U	--	--	--	--
Di-n-octylphthalate	**8270C SIM**	--	--	--	--	--	--
Diphenylamine	**8270C**	--	--	--	--	--	--
Ethylmethanesulfonate	**8270C**	--	--	--	--	--	--
Famphur	**8270C**	--	--	--	--	--	--
Fluoranthene	**8270C**	--	--	--	--	--	--
Fluoranthene	**8270C SIM**	--	--	--	--	--	--
Fluorene	**8270C**	--	--	--	--	--	--
Fluorene	**8270C SIM**	--	--	--	--	--	--
Formaldehyde	**8315**	8.4 U	50 U	50 U	50 U	11 J	50 U
Formaldehyde	**8315A**	--	--	--	--	--	--
Hexachlorobenzene	**8270C**	--	--	--	--	--	--
Hexachlorobutadiene	**8270C**	--	--	--	--	--	--
Hexachlorocyclopentadiene	**8270C**	--	--	--	--	--	--
Hexachloroethane	**8270C**	--	--	--	--	--	--
Hexachlorophene	**8151A**	--	--	--	--	--	--
Hexachlorophene	**8321A**	--	--	--	--	--	--
Hexachloropropene	**8270C**	--	--	--	--	--	--
Indeno(1,2,3-cd)pyrene	**8270C**	--	--	--	--	--	--
Indeno(1,2,3-cd)pyrene	**8270C SIM**	--	--	--	--	--	--
Isodrin	**8270C**	--	--	--	--	--	--
Isophorone	**8270C**	--	--	--	--	--	--
Isosafrole	**8270C**	--	--	--	--	--	--
m+pCresol	**8270C**	--	--	--	--	--	--
m-Cresol	**8270C**	--	--	--	--	--	--
Methapyrilene	**8270C**	--	--	--	--	--	--
Methylmethanesulfonate	**8270C**	--	--	--	--	--	--
Naphthalene	**8270C**	--	--	--	--	--	--
Naphthalene	**8270C SIM**	--	--	--	--	--	--
Nitrobenzene	**8270C**	0.78 U	0.8 U	--	--	0.77 U	--
n-Nitrosodiethylamine	**8270C**	--	--	--	--	--	--
n-Nitrosodimethylamine	**1625M**	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
n-Nitrosodimethylamine	**8270C**	--	--	--	--	--	--
n-Nitrosodimethylamine	**8270C SIM**	--	--	--	--	--	--
n-Nitrosodi-n-butylamine	**8270C**	--	--	--	--	--	--
n-Nitrosodi-n-propylamine	**8270C**	--	--	--	--	--	--
n-Nitrosodiphenylamine	**8270C**	--	--	--	--	--	--
n-Nitrosodiphenylamine as Diphenylamine	**8270C**	--	--	--	--	--	--
n-Nitrosomethylethylamine	**8270C**	--	--	--	--	--	--
n-Nitrosomorpholine	**8270C**	--	--	--	--	--	--
n-Nitrosopiperidine	**8270C**	--	--	--	--	--	--
n-Nitrosopyrrolidine	**8270C**	--	--	--	--	--	--
o,o,o-Triethylphosphorothioate	**8270C**	--	--	--	--	--	--
o-Cresol	**8270C**	--	--	--	--	--	--
o-Tolidine	**8270C**	--	--	--	--	--	--
o-Toluidine	**8270C**	--	--	--	--	--	--
p-Chloroaniline	**8270C**	--	--	--	--	--	--
p-Chloro-m-cresol	**8270C**	--	--	--	--	--	--
p-Cresol	**8270C**	--	--	--	--	--	--
p-Dimethylaminoazobenzene	**8270C**	--	--	--	--	--	--
Pentachlorobenzene	**8270C**	--	--	--	--	--	--
Pentachloroethane	**8270C**	--	--	--	--	--	--
Pentachloronitrobenzene	**8270C**	--	--	--	--	--	--
Pentachlorophenol	**8270C**	--	--	--	--	--	--
Phenacetin	**8270C**	--	--	--	--	--	--
Phenanthrene	**8270C**	--	--	--	--	--	--
Phenanthrene	**8270C SIM**	--	--	--	--	--	--
Phenol	**8270C**	--	--	--	--	--	--
p-Nitroaniline	**8270C**	--	--	--	--	--	--
p-Phenylenediamine	**8270C**	--	--	--	--	--	--
Pronamide	**8270C**	--	--	--	--	--	--
Pyrene	**8270C**	--	--	--	--	--	--
Pyrene	**8270C SIM**	--	--	--	--	--	--
Pyridine	**8270C**	--	--	--	--	--	--
Safrole	**8270C**	--	--	--	--	--	--
sym-Trinitrobenzene	**8270C**	--	--	--	--	--	--
Tetraethyldithiopyrophosphate	**8270C**	--	--	--	--	--	--

TABLE 13
SEMI-VOLATILE ORGANIC COMPOUNDS ANALYTICAL RESULTS, 2012
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

	Well Identifier:	RD-42	RD-43A	RD-43A	RD-43B	RD-43B
	SampleType:	Primary	Primary	Primary	Primary	Primary
	Sample Name:	RD-42_071112_01	RD-43A_012012_01	RD-43A_080112_01	RD-43B_012012_01	RD-43B_080112_01
	Groundwater Unit:	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth
	Lab Name:	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
	Collection Date:	7/11/2012	1/20/2012	8/1/2012	1/20/2012	8/1/2012
Analyte (µg/L)	**Method**					
1,2,4,5-Tetrachlorobenzene	**8270C**	--	--	--	--	--
1,2,4-Trichlorobenzene	**8270C**	--	--	--	--	--
1,2-Dichlorobenzene	**8270C**	--	--	--	--	--
1,3-Dichlorobenzene	**8270C**	--	--	--	--	--
1,3-Dinitrobenzene	**8270C**	--	1.9 U	1.9 U	1.9 U	1.9 U
1,4-Dichlorobenzene	**8270C**	--	--	--	--	--
1,4-Naphthoquinone	**8270C**	--	--	--	--	--
1-Methylnaphthalene	**8270C SIM**	--	--	--	--	--
2,3,4,6-Tetrachlorophenol	**8270C**	--	--	--	--	--
2,4,5-Trichlorophenol	**8270C**	--	--	--	--	--
2,4,6-Trichlorophenol	**8270C**	--	--	--	--	--
2,4-Dichlorophenol	**8270C**	--	--	--	--	--
2,4-Dimethylphenol	**8270C**	--	--	--	--	--
2,4-Dinitrophenol	**8270C**	--	--	--	--	--
2,4-Dinitrotoluene	**8270C**	--	--	--	--	--
2,6-Dichlorophenol	**8270C**	--	--	--	--	--
2,6-Dinitrotoluene	**8270C**	--	--	--	--	--
2-Chloronaphthalene	**8270C**	--	--	--	--	--
2-Chlorophenol	**8270C**	--	--	--	--	--
2-Methylnaphthalene	**8270C**	--	--	--	--	--
2-Methylnaphthalene	**8270C SIM**	--	--	--	--	--
2-Nitroaniline	**8270C**	--	--	--	--	--
2-Nitrophenol	**8270C**	--	--	--	--	--
3,3'-Dichlorobenzidine	**8270C**	--	--	--	--	--
3-Methylcholanthrene	**8270C**	--	--	--	--	--
3-Nitroaniline	**8270C**	--	--	--	--	--
4,6-Dinitro-o-cresol	**8270C**	--	--	--	--	--
4-Aminobiphenyl	**8270C**	--	--	--	--	--
4-Bromophenylphenylether	**8270C**	--	--	--	--	--
4-Chlorophenylphenylether	**8270C**	--	--	--	--	--
4-Nitrophenol	**8270C**	--	--	--	--	--
4-Nitroquinoline-1-oxide	**8270C**	--	--	--	--	--
5-Nitro-o-toluidine	**8270C**	--	--	--	--	--
7,12-Dimethylbenz(a)anthracene	**8270C**	--	--	--	--	--
Acenaphthene	**8270C**	--	--	--	--	--
Acenaphthene	**8270C SIM**	--	--	--	--	--
Acenaphthylene	**8270C**	--	--	--	--	--
Acenaphthylene	**8270C SIM**	--	--	--	--	--
Acetamidofluorene	**8270C**	--	--	--	--	--
Acetophenone	**8270C**	--	--	--	--	--
alpha,alpha-Dimethylphenethylamine	**8270C**	--	--	--	--	--
alpha-Naphthylamine	**8270C**	--	--	--	--	--
alpha-Picoline	**8270C**	--	--	--	--	--
Aniline	**8270C**	--	--	--	--	--
Anthracene	**8270C**	--	--	--	--	--
Anthracene	**8270C SIM**	--	--	--	--	--
Aramite	**8270C**	--	--	--	--	--
Benzidine	**8270C**	--	--	--	--	--
Benzo(a)anthracene	**8270C**	--	--	--	--	--
Benzo(a)anthracene	**8270C SIM**	--	--	--	--	--
Benzo(a)pyrene	**8270C**	--	--	--	--	--
Benzo(a)pyrene	**8270C SIM**	--	--	--	--	--
Benzo(b)fluoranthene	**8270C**	--	--	--	--	--
Benzo(b)fluoranthene	**8270C SIM**	--	--	--	--	--
Benzo(ghi)perylene	**8270C**	--	--	--	--	--
Benzo(ghi)perylene	**8270C SIM**	--	--	--	--	--
Benzo(k)fluoranthene	**8270C**	--	--	--	--	--
Benzo(k)fluoranthene	**8270C SIM**	--	--	--	--	--
Benzoicacid	**8270C**	--	--	--	--	--
Benzylalcohol	**8270C**	--	--	--	--	--
beta-Naphthylamine	**8270C**	--	--	--	--	--
bis(2-Chloroethoxy)methane	**8270C**	--	--	--	--	--
bis(2-Chloroethyl)ether	**8270C**	--	--	--	--	--
bis(2-Chloroisopropyl)ether	**8270C**	--	--	--	--	--
bis(2-Ethylhexyl)phthalate	**8270C**	--	9.6 U	9.5 U	9.7 U	9.5 U
bis(2-Ethylhexyl)phthalate	**8270C SIM**	--	--	--	--	--
Butylbenzylphthalate	**8270C**	--	0.96 U	0.95 U	0.97 U	0.95 U
Butylbenzylphthalate	**8270C SIM**	--	--	--	--	--
Chrysene	**8270C**	--	--	--	--	--
Chrysene	**8270C SIM**	--	--	--	--	--
Dibenzo(a,h)anthracene	**8270C**	--	--	--	--	--
Dibenzo(a,h)anthracene	**8270C SIM**	--	--	--	--	--
Dibenzofuran	**8270C**	--	--	--	--	--

TABLE 13
SEMI-VOLATILE ORGANIC COMPOUNDS ANALYTICAL RESULTS, 2012
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

	Well Identifier:	RD-42	RD-43A	RD-43A	RD-43B	RD-43B
	SampleType:	Primary	Primary	Primary	Primary	Primary
	Sample Name:	RD-42_071112_01	RD-43A_012012_01	RD-43A_080112_01	RD-43B_012012_01	RD-43B_080112_01
	Groundwater Unit:	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth
	Lab Name:	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
	Collection Date:	7/11/2012	1/20/2012	8/1/2012	1/20/2012	8/1/2012
Analyte (µg/L)	**Method**					
Diethylphthalate	**8270C**	--	0.37 U	0.36 J	0.37 U	0.36 U
Diethylphthalate	**8270C SIM**	--	--	--	--	--
Dimethylphthalate	**8270C**	--	0.2 U	0.2 U	0.2 U	0.2 U
Dimethylphthalate	**8270C SIM**	--	--	--	--	--
Di-n-butylphthalate	**8270C**	--	1.1 U	1.1 U	1.1 U	1.1 U
Di-n-butylphthalate	**8270C SIM**	--	--	--	--	--
Di-n-octylphthalate	**8270C**	--	0.34 U	0.33 U	0.34 U	0.33 U
Di-n-octylphthalate	**8270C SIM**	--	--	--	--	--
Diphenylamine	**8270C**	--	--	--	--	--
Ethylmethanesulfonate	**8270C**	--	--	--	--	--
Famphur	**8270C**	--	--	--	--	--
Fluoranthene	**8270C**	--	--	--	--	--
Fluoranthene	**8270C SIM**	--	--	--	--	--
Fluorene	**8270C**	--	--	--	--	--
Fluorene	**8270C SIM**	--	--	--	--	--
Formaldehyde	**8315**	50 U	50 U	50 UJ	50 U	50 UJ
Formaldehyde	**8315A**	--	--	--	--	--
Hexachlorobenzene	**8270C**	--	--	--	--	--
Hexachlorobutadiene	**8270C**	--	--	--	--	--
Hexachlorocyclopentadiene	**8270C**	--	--	--	--	--
Hexachloroethane	**8270C**	--	--	--	--	--
Hexachlorophene	**8151A**	--	--	--	--	--
Hexachlorophene	**8321A**	--	--	--	--	--
Hexachloropropene	**8270C**	--	--	--	--	--
Indeno(1,2,3-cd)pyrene	**8270C**	--	--	--	--	--
Indeno(1,2,3-cd)pyrene	**8270C SIM**	--	--	--	--	--
Isodrin	**8270C**	--	--	--	--	--
Isophorone	**8270C**	--	--	--	--	--
Isosafrole	**8270C**	--	--	--	--	--
m+pCresol	**8270C**	--	--	--	--	--
m-Cresol	**8270C**	--	--	--	--	--
Methapyrilene	**8270C**	--	--	--	--	--
Methylmethanesulfonate	**8270C**	--	--	--	--	--
Naphthalene	**8270C**	--	--	--	--	--
Naphthalene	**8270C SIM**	--	--	--	--	--
Nitrobenzene	**8270C**	--	0.78 U	0.77 U	0.79 U	0.77 U
n-Nitrosodiethylamine	**8270C**	--	--	--	--	--
n-Nitrosodimethylamine	**1625M**	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
n-Nitrosodimethylamine	**8270C**	--	--	--	--	--
n-Nitrosodimethylamine	**8270C SIM**	--	--	--	--	--
n-Nitrosodi-n-butylamine	**8270C**	--	--	--	--	--
n-Nitrosodi-n-propylamine	**8270C**	--	--	--	--	--
n-Nitrosodiphenylamine	**8270C**	--	--	--	--	--
n-Nitrosodiphenylamine as Diphenylamine	**8270C**	--	--	--	--	--
n-Nitrosomethylethylamine	**8270C**	--	--	--	--	--
n-Nitrosomorpholine	**8270C**	--	--	--	--	--
n-Nitrosopiperidine	**8270C**	--	--	--	--	--
n-Nitrosopyrrolidine	**8270C**	--	--	--	--	--
o,o,o-Triethylphosphorothioate	**8270C**	--	--	--	--	--
o-Cresol	**8270C**	--	--	--	--	--
o-Tolidine	**8270C**	--	--	--	--	--
o-Toluidine	**8270C**	--	--	--	--	--
p-Chloroaniline	**8270C**	--	--	--	--	--
p-Chloro-m-cresol	**8270C**	--	--	--	--	--
p-Cresol	**8270C**	--	--	--	--	--
p-Dimethylaminoazobenzene	**8270C**	--	--	--	--	--
Pentachlorobenzene	**8270C**	--	--	--	--	--
Pentachloroethane	**8270C**	--	--	--	--	--
Pentachloronitrobenzene	**8270C**	--	--	--	--	--
Pentachlorophenol	**8270C**	--	--	--	--	--
Phenacetin	**8270C**	--	--	--	--	--
Phenanthrene	**8270C**	--	--	--	--	--
Phenanthrene	**8270C SIM**	--	--	--	--	--
Phenol	**8270C**	--	--	--	--	--
p-Nitroaniline	**8270C**	--	--	--	--	--
p-Phenylenediamine	**8270C**	--	--	--	--	--
Pronamide	**8270C**	--	--	--	--	--
Pyrene	**8270C**	--	--	--	--	--
Pyrene	**8270C SIM**	--	--	--	--	--
Pyridine	**8270C**	--	--	--	--	--
Safrole	**8270C**	--	--	--	--	--
sym-Trinitrobenzene	**8270C**	--	--	--	--	--
Tetraethyldithiopyrophosphate	**8270C**	--	--	--	--	--

TABLE 13
SEMI-VOLATILE ORGANIC COMPOUNDS ANALYTICAL RESULTS, 2012
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

	Well Identifier:	RD-43C	RD-43C	RD-43C	RD-44	RD-44
	SampleType:	Primary	Primary	Field Duplicate	Primary	Primary
	Sample Name:	RD-43C_012012_01	RD-43C_080112_01	RD-43C_080112_36	RD-44_020212_01	RD-44_080112_01
	Groundwater Unit:	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth
	Lab Name:	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
	Collection Date:	1/20/2012	8/1/2012	8/1/2012	2/2/2012	8/1/2012
Analyte (µg/L)	**Method**					
1,2,4,5-Tetrachlorobenzene	**8270C**	--	--	--	--	--
1,2,4-Trichlorobenzene	**8270C**	--	--	--	--	--
1,2-Dichlorobenzene	**8270C**	--	--	--	--	--
1,3-Dichlorobenzene	**8270C**	--	--	--	--	--
1,3-Dinitrobenzene	**8270C**	1.9 U	1.9 U	1.9 U	--	--
1,4-Dichlorobenzene	**8270C**	--	--	--	--	--
1,4-Naphthoquinone	**8270C**	--	--	--	--	--
1-Methylnaphthalene	**8270C SIM**	--	--	--	--	--
2,3,4,6-Tetrachlorophenol	**8270C**	--	--	--	--	--
2,4,5-Trichlorophenol	**8270C**	--	--	--	--	--
2,4,6-Trichlorophenol	**8270C**	--	--	--	--	--
2,4-Dichlorophenol	**8270C**	--	--	--	--	--
2,4-Dimethylphenol	**8270C**	--	--	--	--	--
2,4-Dinitrophenol	**8270C**	--	--	--	--	--
2,4-Dinitrotoluene	**8270C**	--	--	--	--	--
2,6-Dichlorophenol	**8270C**	--	--	--	--	--
2,6-Dinitrotoluene	**8270C**	--	--	--	--	--
2-Chloronaphthalene	**8270C**	--	--	--	--	--
2-Chlorophenol	**8270C**	--	--	--	--	--
2-Methylnaphthalene	**8270C**	--	--	--	--	--
2-Methylnaphthalene	**8270C SIM**	--	--	--	--	--
2-Nitroaniline	**8270C**	--	--	--	--	--
2-Nitrophenol	**8270C**	--	--	--	--	--
3,3'-Dichlorobenzidine	**8270C**	--	--	--	--	--
3-Methylcholanthrene	**8270C**	--	--	--	--	--
3-Nitroaniline	**8270C**	--	--	--	--	--
4,6-Dinitro-o-cresol	**8270C**	--	--	--	--	--
4-Aminobiphenyl	**8270C**	--	--	--	--	--
4-Bromophenylphenylether	**8270C**	--	--	--	--	--
4-Chlorophenylphenylether	**8270C**	--	--	--	--	--
4-Nitrophenol	**8270C**	--	--	--	--	--
4-Nitroquinoline-1-oxide	**8270C**	--	--	--	--	--
5-Nitro-o-toluidine	**8270C**	--	--	--	--	--
7,12-Dimethylbenz(a)anthracene	**8270C**	--	--	--	--	--
Acenaphthene	**8270C**	--	--	--	--	--
Acenaphthene	**8270C SIM**	--	--	--	--	--
Acenaphthylene	**8270C**	--	--	--	--	--
Acenaphthylene	**8270C SIM**	--	--	--	--	--
Acetamidofluorene	**8270C**	--	--	--	--	--
Acetophenone	**8270C**	--	--	--	--	--
alpha,alpha-Dimethylphenethylamine	**8270C**	--	--	--	--	--
alpha-Naphthylamine	**8270C**	--	--	--	--	--
alpha-Picoline	**8270C**	--	--	--	--	--
Aniline	**8270C**	--	--	--	--	--
Anthracene	**8270C**	--	--	--	--	--
Anthracene	**8270C SIM**	--	--	--	--	--
Aramite	**8270C**	--	--	--	--	--
Benzidine	**8270C**	--	--	--	--	--
Benzo(a)anthracene	**8270C**	--	--	--	--	--
Benzo(a)anthracene	**8270C SIM**	--	--	--	--	--
Benzo(a)pyrene	**8270C**	--	--	--	--	--
Benzo(a)pyrene	**8270C SIM**	--	--	--	--	--
Benzo(b)fluoranthene	**8270C**	--	--	--	--	--
Benzo(b)fluoranthene	**8270C SIM**	--	--	--	--	--
Benzo(ghi)perylene	**8270C**	--	--	--	--	--
Benzo(ghi)perylene	**8270C SIM**	--	--	--	--	--
Benzo(k)fluoranthene	**8270C**	--	--	--	--	--
Benzo(k)fluoranthene	**8270C SIM**	--	--	--	--	--
Benzoicacid	**8270C**	--	--	--	--	--
Benzylalcohol	**8270C**	--	--	--	--	--
beta-Naphthylamine	**8270C**	--	--	--	--	--
bis(2-Chloroethoxy)methane	**8270C**	--	--	--	--	--
bis(2-Chloroethyl)ether	**8270C**	--	--	--	--	--
bis(2-Chloroisopropyl)ether	**8270C**	--	--	--	--	--
bis(2-Ethylhexyl)phthalate	**8270C**	9.6 U	9.6 U	9.5 U	--	--
bis(2-Ethylhexyl)phthalate	**8270C SIM**	--	--	--	--	--
Butylbenzylphthalate	**8270C**	0.96 U	0.96 U	0.95 U	--	--
Butylbenzylphthalate	**8270C SIM**	--	--	--	--	--
Chrysene	**8270C**	--	--	--	--	--
Chrysene	**8270C SIM**	--	--	--	--	--
Dibenzo(a,h)anthracene	**8270C**	--	--	--	--	--
Dibenzo(a,h)anthracene	**8270C SIM**	--	--	--	--	--
Dibenzofuran	**8270C**	--	--	--	--	--

TABLE 13
SEMI-VOLATILE ORGANIC COMPOUNDS ANALYTICAL RESULTS, 2012
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		RD-43C	RD-43C	RD-43C	RD-44	RD-44
SampleType:		Primary	Primary	Field Duplicate	Primary	Primary
Sample Name:		RD-43C_012012_01	RD-43C_080112_01	RD-43C_080112_36	RD-44_020212_01	RD-44_080112_01
Groundwater Unit:		Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth
Lab Name:		TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
Collection Date:		1/20/2012	8/1/2012	8/1/2012	2/2/2012	8/1/2012
Analyte (µg/L)	**Method**					
Diethylphthalate	**8270C**	0.37 U	0.37 U	0.36 U	--	--
Diethylphthalate	**8270C SIM**	--	--	--	--	--
Dimethylphthalate	**8270C**	0.2 U	0.2 U	0.2 U	--	--
Dimethylphthalate	**8270C SIM**	--	--	--	--	--
Di-n-butylphthalate	**8270C**	1.1 U	1.1 U	1.1 U	--	--
Di-n-butylphthalate	**8270C SIM**	--	--	--	--	--
Di-n-octylphthalate	**8270C**	0.34 U	0.34 U	0.33 U	--	--
Di-n-octylphthalate	**8270C SIM**	--	--	--	--	--
Diphenylamine	**8270C**	--	--	--	--	--
Ethylmethanesulfonate	**8270C**	--	--	--	--	--
Famphur	**8270C**	--	--	--	--	--
Fluoranthene	**8270C**	--	--	--	--	--
Fluoranthene	**8270C SIM**	--	--	--	--	--
Fluorene	**8270C**	--	--	--	--	--
Fluorene	**8270C SIM**	--	--	--	--	--
Formaldehyde	**8315**	50 U	50 UJ	50 UJ	50 U	50 UJ
Formaldehyde	**8315A**	--	--	--	--	--
Hexachlorobenzene	**8270C**	--	--	--	--	--
Hexachlorobutadiene	**8270C**	--	--	--	--	--
Hexachlorocyclopentadiene	**8270C**	--	--	--	--	--
Hexachloroethane	**8270C**	--	--	--	--	--
Hexachlorophene	**8151A**	--	--	--	--	--
Hexachlorophene	**8321A**	--	--	--	--	--
Hexachloropropene	**8270C**	--	--	--	--	--
Indeno(1,2,3-cd)pyrene	**8270C**	--	--	--	--	--
Indeno(1,2,3-cd)pyrene	**8270C SIM**	--	--	--	--	--
Isodrin	**8270C**	--	--	--	--	--
Isophorone	**8270C**	--	--	--	--	--
Isosafrole	**8270C**	--	--	--	--	--
m+pCresol	**8270C**	--	--	--	--	--
m-Cresol	**8270C**	--	--	--	--	--
Methapyrilene	**8270C**	--	--	--	--	--
Methylmethanesulfonate	**8270C**	--	--	--	--	--
Naphthalene	**8270C**	--	--	--	--	--
Naphthalene	**8270C SIM**	--	--	--	--	--
Nitrobenzene	**8270C**	0.78 U	0.78 U	0.77 U	--	--
n-Nitrosodiethylamine	**8270C**	--	--	--	--	--
n-Nitrosodimethylamine	**1625M**	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
n-Nitrosodimethylamine	**8270C**	--	--	--	--	--
n-Nitrosodimethylamine	**8270C SIM**	--	--	--	--	--
n-Nitrosodi-n-butylamine	**8270C**	--	--	--	--	--
n-Nitrosodi-n-propylamine	**8270C**	--	--	--	--	--
n-Nitrosodiphenylamine	**8270C**	--	--	--	--	--
n-Nitrosodiphenylamine as Diphenylamine	**8270C**	--	--	--	--	--
n-Nitrosomethylethylamine	**8270C**	--	--	--	--	--
n-Nitrosomorpholine	**8270C**	--	--	--	--	--
n-Nitrosopiperidine	**8270C**	--	--	--	--	--
n-Nitrosopyrrolidine	**8270C**	--	--	--	--	--
o,o,o-Triethylphosphorothioate	**8270C**	--	--	--	--	--
o-Cresol	**8270C**	--	--	--	--	--
o-Tolidine	**8270C**	--	--	--	--	--
o-Toluidine	**8270C**	--	--	--	--	--
p-Chloroaniline	**8270C**	--	--	--	--	--
p-Chloro-m-cresol	**8270C**	--	--	--	--	--
p-Cresol	**8270C**	--	--	--	--	--
p-Dimethylaminoazobenzene	**8270C**	--	--	--	--	--
Pentachlorobenzene	**8270C**	--	--	--	--	--
Pentachloroethane	**8270C**	--	--	--	--	--
Pentachloronitrobenzene	**8270C**	--	--	--	--	--
Pentachlorophenol	**8270C**	--	--	--	--	--
Phenacetin	**8270C**	--	--	--	--	--
Phenanthrene	**8270C**	--	--	--	--	--
Phenanthrene	**8270C SIM**	--	--	--	--	--
Phenol	**8270C**	--	--	--	--	--
p-Nitroaniline	**8270C**	--	--	--	--	--
p-Phenylenediamine	**8270C**	--	--	--	--	--
Pronamide	**8270C**	--	--	--	--	--
Pyrene	**8270C**	--	--	--	--	--
Pyrene	**8270C SIM**	--	--	--	--	--
Pyridine	**8270C**	--	--	--	--	--
Safrole	**8270C**	--	--	--	--	--
sym-Trinitrobenzene	**8270C**	--	--	--	--	--
Tetraethyldithiopyrophosphate	**8270C**	--	--	--	--	--

TABLE 13
SEMI-VOLATILE ORGANIC COMPOUNDS ANALYTICAL RESULTS, 2012
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

	Well Identifier:	RD-45A	RD-45A	RD-45A	RD-45B	RD-45B
	SampleType:	Primary	Field Duplicate	Primary	Primary	Primary
	Sample Name:	RD-45A_021412_01	RD-45A_021412_36	RD-45A_072512_01	RD-45B_021412_01	RD-45B_072512_01
	Groundwater Unit:	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth
	Lab Name:	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
	Collection Date:	2/14/2012	2/14/2012	7/25/2012	2/14/2012	7/25/2012
Analyte (µg/L)	**Method**					
1,2,4,5-Tetrachlorobenzene	**8270C**	--	--	--	--	--
1,2,4-Trichlorobenzene	**8270C**	--	--	--	--	--
1,2-Dichlorobenzene	**8270C**	--	--	--	--	--
1,3-Dichlorobenzene	**8270C**	--	--	--	--	--
1,3-Dinitrobenzene	**8270C**	2.1 U	--	1.9 U	1.9 U	1.9 U
1,4-Dichlorobenzene	**8270C**	--	--	--	--	--
1,4-Naphthoquinone	**8270C**	--	--	--	--	--
1-Methylnaphthalene	**8270C SIM**	--	--	--	--	--
2,3,4,6-Tetrachlorophenol	**8270C**	--	--	--	--	--
2,4,5-Trichlorophenol	**8270C**	--	--	--	--	--
2,4,6-Trichlorophenol	**8270C**	--	--	--	--	--
2,4-Dichlorophenol	**8270C**	--	--	--	--	--
2,4-Dimethylphenol	**8270C**	--	--	--	--	--
2,4-Dinitrophenol	**8270C**	--	--	--	--	--
2,4-Dinitrotoluene	**8270C**	--	--	--	--	--
2,6-Dichlorophenol	**8270C**	--	--	--	--	--
2,6-Dinitrotoluene	**8270C**	--	--	--	--	--
2-Chloronaphthalene	**8270C**	--	--	--	--	--
2-Chlorophenol	**8270C**	--	--	--	--	--
2-Methylnaphthalene	**8270C**	--	--	--	--	--
2-Methylnaphthalene	**8270C SIM**	--	--	--	--	--
2-Nitroaniline	**8270C**	--	--	--	--	--
2-Nitrophenol	**8270C**	--	--	--	--	--
3,3'-Dichlorobenzidine	**8270C**	--	--	--	--	--
3-Methylcholanthrene	**8270C**	--	--	--	--	--
3-Nitroaniline	**8270C**	--	--	--	--	--
4,6-Dinitro-o-cresol	**8270C**	--	--	--	--	--
4-Aminobiphenyl	**8270C**	--	--	--	--	--
4-Bromophenylphenylether	**8270C**	--	--	--	--	--
4-Chlorophenylphenylether	**8270C**	--	--	--	--	--
4-Nitrophenol	**8270C**	--	--	--	--	--
4-Nitroquinoline-1-oxide	**8270C**	--	--	--	--	--
5-Nitro-o-toluidine	**8270C**	--	--	--	--	--
7,12-Dimethylbenz(a)anthracene	**8270C**	--	--	--	--	--
Acenaphthene	**8270C**	--	--	--	--	--
Acenaphthene	**8270C SIM**	--	--	--	--	--
Acenaphthylene	**8270C**	--	--	--	--	--
Acenaphthylene	**8270C SIM**	--	--	--	--	--
Acetamidofluorene	**8270C**	--	--	--	--	--
Acetophenone	**8270C**	--	--	--	--	--
alpha,alpha-Dimethylphenethylamine	**8270C**	--	--	--	--	--
alpha-Naphthylamine	**8270C**	--	--	--	--	--
alpha-Picoline	**8270C**	--	--	--	--	--
Aniline	**8270C**	--	--	--	--	--
Anthracene	**8270C**	--	--	--	--	--
Anthracene	**8270C SIM**	--	--	--	--	--
Aramite	**8270C**	--	--	--	--	--
Benzidine	**8270C**	--	--	--	--	--
Benzo(a)anthracene	**8270C**	--	--	--	--	--
Benzo(a)anthracene	**8270C SIM**	--	--	--	--	--
Benzo(a)pyrene	**8270C**	--	--	--	--	--
Benzo(a)pyrene	**8270C SIM**	--	--	--	--	--
Benzo(b)fluoranthene	**8270C**	--	--	--	--	--
Benzo(b)fluoranthene	**8270C SIM**	--	--	--	--	--
Benzo(ghi)perylene	**8270C**	--	--	--	--	--
Benzo(ghi)perylene	**8270C SIM**	--	--	--	--	--
Benzo(k)fluoranthene	**8270C**	--	--	--	--	--
Benzo(k)fluoranthene	**8270C SIM**	--	--	--	--	--
Benzoicacid	**8270C**	--	--	--	--	--
Benzylalcohol	**8270C**	--	--	--	--	--
beta-Naphthylamine	**8270C**	--	--	--	--	--
bis(2-Chloroethoxy)methane	**8270C**	--	--	--	--	--
bis(2-Chloroethyl)ether	**8270C**	--	--	--	--	--
bis(2-Chloroisopropyl)ether	**8270C**	--	--	--	--	--
bis(2-Ethylhexyl)phthalate	**8270C**	0.58 U	--	0.54 U	0.54 J	0.54 U
bis(2-Ethylhexyl)phthalate	**8270C SIM**	--	--	--	--	--
Butylbenzylphthalate	**8270C**	1 U	--	0.97 U	0.95 U	0.96 U
Butylbenzylphthalate	**8270C SIM**	--	--	--	--	--
Chrysene	**8270C**	--	--	--	--	--
Chrysene	**8270C SIM**	--	--	--	--	--
Dibenzo(a,h)anthracene	**8270C**	--	--	--	--	--
Dibenzo(a,h)anthracene	**8270C SIM**	--	--	--	--	--
Dibenzofuran	**8270C**	--	--	--	--	--

TABLE 13
SEMI-VOLATILE ORGANIC COMPOUNDS ANALYTICAL RESULTS, 2012
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

	Well Identifier:	RD-45A	RD-45A	RD-45A	RD-45B	RD-45B
	SampleType:	Primary	Field Duplicate	Primary	Primary	Primary
	Sample Name:	RD-45A_021412_01	RD-45A_021412_36	RD-45A_072512_01	RD-45B_021412_01	RD-45B_072512_01
	Groundwater Unit:	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth
	Lab Name:	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
	Collection Date:	2/14/2012	2/14/2012	7/25/2012	2/14/2012	7/25/2012
Analyte (µg/L)	**Method**					
Diethylphthalate	**8270C**	0.39 U	--	0.37 U	0.36 U	0.36 U
Diethylphthalate	**8270C SIM**	--	--	--	--	--
Dimethylphthalate	**8270C**	0.22 U	--	0.2 U	0.2 U	0.2 U
Dimethylphthalate	**8270C SIM**	--	--	--	--	--
Di-n-butylphthalate	**8270C**	1.2 U	--	1.1 U	1.1 U	1.1 U
Di-n-butylphthalate	**8270C SIM**	--	--	--	--	--
Di-n-octylphthalate	**8270C**	0.36 U	--	0.34 U	0.33 U	1.7 J
Di-n-octylphthalate	**8270C SIM**	--	--	--	--	--
Diphenylamine	**8270C**	--	--	--	--	--
Ethylmethanesulfonate	**8270C**	--	--	--	--	--
Famphur	**8270C**	--	--	--	--	--
Fluoranthene	**8270C**	--	--	--	--	--
Fluoranthene	**8270C SIM**	--	--	--	--	--
Fluorene	**8270C**	--	--	--	--	--
Fluorene	**8270C SIM**	--	--	--	--	--
Formaldehyde	**8315**	50 U	--	50 U	50 U	50 U
Formaldehyde	**8315A**	--	--	--	--	--
Hexachlorobenzene	**8270C**	--	--	--	--	--
Hexachlorobutadiene	**8270C**	--	--	--	--	--
Hexachlorocyclopentadiene	**8270C**	--	--	--	--	--
Hexachloroethane	**8270C**	--	--	--	--	--
Hexachlorophene	**8151A**	--	--	--	--	--
Hexachlorophene	**8321A**	--	--	--	--	--
Hexachloropropene	**8270C**	--	--	--	--	--
Indeno(1,2,3-cd)pyrene	**8270C**	--	--	--	--	--
Indeno(1,2,3-cd)pyrene	**8270C SIM**	--	--	--	--	--
Isodrin	**8270C**	--	--	--	--	--
Isophorone	**8270C**	--	--	--	--	--
Isosafrole	**8270C**	--	--	--	--	--
m+pCresol	**8270C**	--	--	--	--	--
m-Cresol	**8270C**	--	--	--	--	--
Methapyrilene	**8270C**	--	--	--	--	--
Methylmethanesulfonate	**8270C**	--	--	--	--	--
Naphthalene	**8270C**	--	--	--	--	--
Naphthalene	**8270C SIM**	--	--	--	--	--
Nitrobenzene	**8270C**	0.84 U	--	0.78 U	0.77 U	0.78 U
n-Nitrosodiethylamine	**8270C**	--	--	--	--	--
n-Nitrosodimethylamine	**1625M**	0.16	0.18	0.18	0.005 U	0.005 U
n-Nitrosodimethylamine	**8270C**	--	--	--	--	--
n-Nitrosodimethylamine	**8270C SIM**	--	--	--	--	--
n-Nitrosodi-n-butylamine	**8270C**	--	--	--	--	--
n-Nitrosodi-n-propylamine	**8270C**	--	--	--	--	--
n-Nitrosodiphenylamine	**8270C**	--	--	--	--	--
n-Nitrosodiphenylamine as Diphenylamine	**8270C**	--	--	--	--	--
n-Nitrosomethylethylamine	**8270C**	--	--	--	--	--
n-Nitrosomorpholine	**8270C**	--	--	--	--	--
n-Nitrosopiperidine	**8270C**	--	--	--	--	--
n-Nitrosopyrrolidine	**8270C**	--	--	--	--	--
o,o,o-Triethylphosphorothioate	**8270C**	--	--	--	--	--
o-Cresol	**8270C**	--	--	--	--	--
o-Tolidine	**8270C**	--	--	--	--	--
o-Toluidine	**8270C**	--	--	--	--	--
p-Chloroaniline	**8270C**	--	--	--	--	--
p-Chloro-m-cresol	**8270C**	--	--	--	--	--
p-Cresol	**8270C**	--	--	--	--	--
p-Dimethylaminoazobenzene	**8270C**	--	--	--	--	--
Pentachlorobenzene	**8270C**	--	--	--	--	--
Pentachloroethane	**8270C**	--	--	--	--	--
Pentachloronitrobenzene	**8270C**	--	--	--	--	--
Pentachlorophenol	**8270C**	--	--	--	--	--
Phenacetin	**8270C**	--	--	--	--	--
Phenanthrene	**8270C**	--	--	--	--	--
Phenanthrene	**8270C SIM**	--	--	--	--	--
Phenol	**8270C**	--	--	--	--	--
p-Nitroaniline	**8270C**	--	--	--	--	--
p-Phenylenediamine	**8270C**	--	--	--	--	--
Pronamide	**8270C**	--	--	--	--	--
Pyrene	**8270C**	--	--	--	--	--
Pyrene	**8270C SIM**	--	--	--	--	--
Pyridine	**8270C**	--	--	--	--	--
Safrole	**8270C**	--	--	--	--	--
sym-Trinitrobenzene	**8270C**	--	--	--	--	--
Tetraethyldithiopyrophosphate	**8270C**	--	--	--	--	--

TABLE 13
SEMI-VOLATILE ORGANIC COMPOUNDS ANALYTICAL RESULTS, 2012
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

	Well Identifier:	RD-45C	RD-45C	RD-46A	RD-46A	RD-46B
	SampleType:	Primary	Primary	Primary	Primary	Primary
	Sample Name:	RD-45C_021412_01	RD-45C_072512_01	RD-46A_020112_01	RD-46A_072012_01	RD-46B_020112_01
	Groundwater Unit:	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth
	Lab Name:	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
	Collection Date:	2/14/2012	7/25/2012	2/1/2012	7/20/2012	2/1/2012
Analyte (µg/L)	**Method**					
1,2,4,5-Tetrachlorobenzene	**8270C**	--	--	--	--	--
1,2,4-Trichlorobenzene	**8270C**	--	--	--	--	--
1,2-Dichlorobenzene	**8270C**	--	--	--	--	--
1,3-Dichlorobenzene	**8270C**	--	--	--	--	--
1,3-Dinitrobenzene	**8270C**	2 U	1.9 U	1.9 U	2 U	1.9 U
1,4-Dichlorobenzene	**8270C**	--	--	--	--	--
1,4-Naphthoquinone	**8270C**	--	--	--	--	--
1-Methylnaphthalene	**8270C SIM**	--	--	--	--	--
2,3,4,6-Tetrachlorophenol	**8270C**	--	--	--	--	--
2,4,5-Trichlorophenol	**8270C**	--	--	--	--	--
2,4,6-Trichlorophenol	**8270C**	--	--	--	--	--
2,4-Dichlorophenol	**8270C**	--	--	--	--	--
2,4-Dimethylphenol	**8270C**	--	--	--	--	--
2,4-Dinitrophenol	**8270C**	--	--	--	--	--
2,4-Dinitrotoluene	**8270C**	--	--	--	--	--
2,6-Dichlorophenol	**8270C**	--	--	--	--	--
2,6-Dinitrotoluene	**8270C**	--	--	--	--	--
2-Chloronaphthalene	**8270C**	--	--	--	--	--
2-Chlorophenol	**8270C**	--	--	--	--	--
2-Methylnaphthalene	**8270C**	--	--	--	--	--
2-Methylnaphthalene	**8270C SIM**	--	--	--	--	--
2-Nitroaniline	**8270C**	--	--	--	--	--
2-Nitrophenol	**8270C**	--	--	--	--	--
3,3'-Dichlorobenzidine	**8270C**	--	--	--	--	--
3-Methylcholanthrene	**8270C**	--	--	--	--	--
3-Nitroaniline	**8270C**	--	--	--	--	--
4,6-Dinitro-o-cresol	**8270C**	--	--	--	--	--
4-Aminobiphenyl	**8270C**	--	--	--	--	--
4-Bromophenylphenylether	**8270C**	--	--	--	--	--
4-Chlorophenylphenylether	**8270C**	--	--	--	--	--
4-Nitrophenol	**8270C**	--	--	--	--	--
4-Nitroquinoline-1-oxide	**8270C**	--	--	--	--	--
5-Nitro-o-toluidine	**8270C**	--	--	--	--	--
7,12-Dimethylbenz(a)anthracene	**8270C**	--	--	--	--	--
Acenaphthene	**8270C**	--	--	--	--	--
Acenaphthene	**8270C SIM**	--	--	--	--	--
Acenaphthylene	**8270C**	--	--	--	--	--
Acenaphthylene	**8270C SIM**	--	--	--	--	--
Acetamidofluorene	**8270C**	--	--	--	--	--
Acetophenone	**8270C**	--	--	--	--	--
alpha,alpha-Dimethylphenethylamine	**8270C**	--	--	--	--	--
alpha-Naphthylamine	**8270C**	--	--	--	--	--
alpha-Picoline	**8270C**	--	--	--	--	--
Aniline	**8270C**	--	--	--	--	--
Anthracene	**8270C**	--	--	--	--	--
Anthracene	**8270C SIM**	--	--	--	--	--
Aramite	**8270C**	--	--	--	--	--
Benzidine	**8270C**	--	--	--	--	--
Benzo(a)anthracene	**8270C**	--	--	--	--	--
Benzo(a)anthracene	**8270C SIM**	--	--	--	--	--
Benzo(a)pyrene	**8270C**	--	--	--	--	--
Benzo(a)pyrene	**8270C SIM**	--	--	--	--	--
Benzo(b)fluoranthene	**8270C**	--	--	--	--	--
Benzo(b)fluoranthene	**8270C SIM**	--	--	--	--	--
Benzo(ghi)perylene	**8270C**	--	--	--	--	--
Benzo(ghi)perylene	**8270C SIM**	--	--	--	--	--
Benzo(k)fluoranthene	**8270C**	--	--	--	--	--
Benzo(k)fluoranthene	**8270C SIM**	--	--	--	--	--
Benzoicacid	**8270C**	--	--	--	--	--
Benzylalcohol	**8270C**	--	--	--	--	--
beta-Naphthylamine	**8270C**	--	--	--	--	--
bis(2-Chloroethoxy)methane	**8270C**	--	--	--	--	--
bis(2-Chloroethyl)ether	**8270C**	--	--	--	--	--
bis(2-Chloroisopropyl)ether	**8270C**	--	--	--	--	--
bis(2-Ethylhexyl)phthalate	**8270C**	0.56 U	0.54 U	0.54 U	9.9 U	0.53 U
bis(2-Ethylhexyl)phthalate	**8270C SIM**	--	--	--	--	--
Butylbenzylphthalate	**8270C**	0.99 U	0.97 U	0.96 U	0.99 U	0.95 U
Butylbenzylphthalate	**8270C SIM**	--	--	--	--	--
Chrysene	**8270C**	--	--	--	--	--
Chrysene	**8270C SIM**	--	--	--	--	--
Dibenzo(a,h)anthracene	**8270C**	--	--	--	--	--
Dibenzo(a,h)anthracene	**8270C SIM**	--	--	--	--	--
Dibenzofuran	**8270C**	--	--	--	--	--

TABLE 13
SEMI-VOLATILE ORGANIC COMPOUNDS ANALYTICAL RESULTS, 2012
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

	Well Identifier:	RD-45C	RD-45C	RD-46A	RD-46A	RD-46B
	SampleType:	Primary	Primary	Primary	Primary	Primary
	Sample Name:	RD-45C_021412_01	RD-45C_072512_01	RD-46A_020112_01	RD-46A_072012_01	RD-46B_020112_01
	Groundwater Unit:	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth
	Lab Name:	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
	Collection Date:	2/14/2012	7/25/2012	2/1/2012	7/20/2012	2/1/2012
Analyte (µg/L)	**Method**					
Diethylphthalate	**8270C**	0.38 U	0.37 U	0.36 U	0.38 U	0.36 U
Diethylphthalate	**8270C SIM**	--	--	--	--	--
Dimethylphthalate	**8270C**	0.21 U	0.2 U	0.2 U	0.21 U	0.2 U
Dimethylphthalate	**8270C SIM**	--	--	--	--	--
Di-n-butylphthalate	**8270C**	1.2 U	1.1 U	1.1 U	1.2 U	1.1 U
Di-n-butylphthalate	**8270C SIM**	--	--	--	--	--
Di-n-octylphthalate	**8270C**	0.35 U	0.34 U	0.33 U	0.35 U	0.33 U
Di-n-octylphthalate	**8270C SIM**	--	--	--	--	--
Diphenylamine	**8270C**	--	--	--	--	--
Ethylmethanesulfonate	**8270C**	--	--	--	--	--
Famphur	**8270C**	--	--	--	--	--
Fluoranthene	**8270C**	--	--	--	--	--
Fluoranthene	**8270C SIM**	--	--	--	--	--
Fluorene	**8270C**	--	--	--	--	--
Fluorene	**8270C SIM**	--	--	--	--	--
Formaldehyde	**8315**	50 U	50 U	50 U	50 U	50 U
Formaldehyde	**8315A**	--	--	--	--	--
Hexachlorobenzene	**8270C**	--	--	--	--	--
Hexachlorobutadiene	**8270C**	--	--	--	--	--
Hexachlorocyclopentadiene	**8270C**	--	--	--	--	--
Hexachloroethane	**8270C**	--	--	--	--	--
Hexachlorophene	**8151A**	--	--	--	--	--
Hexachlorophene	**8321A**	--	--	--	--	--
Hexachloropropene	**8270C**	--	--	--	--	--
Indeno(1,2,3-cd)pyrene	**8270C**	--	--	--	--	--
Indeno(1,2,3-cd)pyrene	**8270C SIM**	--	--	--	--	--
Isodrin	**8270C**	--	--	--	--	--
Isophorone	**8270C**	--	--	--	--	--
Isosafrole	**8270C**	--	--	--	--	--
m+pCresol	**8270C**	--	--	--	--	--
m-Cresol	**8270C**	--	--	--	--	--
Methapyrilene	**8270C**	--	--	--	--	--
Methylmethanesulfonate	**8270C**	--	--	--	--	--
Naphthalene	**8270C**	--	--	--	--	--
Naphthalene	**8270C SIM**	--	--	--	--	--
Nitrobenzene	**8270C**	0.8 U	0.79 U	0.77 U	0.81 U	0.77 U
n-Nitrosodiethylamine	**8270C**	--	--	--	--	--
n-Nitrosodimethylamine	**1625M**	0.005 U	0.005 U	0.005 U	0.005 UJ	0.005 U
n-Nitrosodimethylamine	**8270C**	--	--	--	--	--
n-Nitrosodimethylamine	**8270C SIM**	--	--	--	--	--
n-Nitrosodi-n-butylamine	**8270C**	--	--	--	--	--
n-Nitrosodi-n-propylamine	**8270C**	--	--	--	--	--
n-Nitrosodiphenylamine	**8270C**	--	--	--	--	--
n-Nitrosodiphenylamine as Diphenylamine	**8270C**	--	--	--	--	--
n-Nitrosomethylethylamine	**8270C**	--	--	--	--	--
n-Nitrosomorpholine	**8270C**	--	--	--	--	--
n-Nitrosopiperidine	**8270C**	--	--	--	--	--
n-Nitrosopyrrolidine	**8270C**	--	--	--	--	--
o,o,o-Triethylphosphorothioate	**8270C**	--	--	--	--	--
o-Cresol	**8270C**	--	--	--	--	--
o-Tolidine	**8270C**	--	--	--	--	--
o-Toluidine	**8270C**	--	--	--	--	--
p-Chloroaniline	**8270C**	--	--	--	--	--
p-Chloro-m-cresol	**8270C**	--	--	--	--	--
p-Cresol	**8270C**	--	--	--	--	--
p-Dimethylaminoazobenzene	**8270C**	--	--	--	--	--
Pentachlorobenzene	**8270C**	--	--	--	--	--
Pentachloroethane	**8270C**	--	--	--	--	--
Pentachloronitrobenzene	**8270C**	--	--	--	--	--
Pentachlorophenol	**8270C**	--	--	--	--	--
Phenacetin	**8270C**	--	--	--	--	--
Phenanthrene	**8270C**	--	--	--	--	--
Phenanthrene	**8270C SIM**	--	--	--	--	--
Phenol	**8270C**	--	--	--	--	--
p-Nitroaniline	**8270C**	--	--	--	--	--
p-Phenylenediamine	**8270C**	--	--	--	--	--
Pronamide	**8270C**	--	--	--	--	--
Pyrene	**8270C**	--	--	--	--	--
Pyrene	**8270C SIM**	--	--	--	--	--
Pyridine	**8270C**	--	--	--	--	--
Safrole	**8270C**	--	--	--	--	--
sym-Trinitrobenzene	**8270C**	--	--	--	--	--
Tetraethyldithiopyrophosphate	**8270C**	--	--	--	--	--

TABLE 13
SEMI-VOLATILE ORGANIC COMPOUNDS ANALYTICAL RESULTS, 2012
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

	Well Identifier:	RD-46B	RD-48A	RD-48B	RD-48B	RD-48C
	SampleType:	Primary	Primary	Primary	Primary	Primary
	Sample Name:	RD-46B_072012_01	RD-48A_073112_01	RD-48B_012612_01	RD-48B_073112_01	RD-48C_012612_01
	Groundwater Unit:	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth
	Lab Name:	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
	Collection Date:	7/20/2012	7/31/2012	1/26/2012	7/31/2012	1/26/2012
Analyte (µg/L)	**Method**					
1,2,4,5-Tetrachlorobenzene	**8270C**	--	--	--	--	--
1,2,4-Trichlorobenzene	**8270C**	--	--	--	--	--
1,2-Dichlorobenzene	**8270C**	--	--	--	--	--
1,3-Dichlorobenzene	**8270C**	--	--	--	--	--
1,3-Dinitrobenzene	**8270C**	2 U	2.1 U	2 U	1.9 U	1.9 U
1,4-Dichlorobenzene	**8270C**	--	--	--	--	--
1,4-Naphthoquinone	**8270C**	--	--	--	--	--
1-Methylnaphthalene	**8270C SIM**	--	--	--	--	--
2,3,4,6-Tetrachlorophenol	**8270C**	--	--	--	--	--
2,4,5-Trichlorophenol	**8270C**	--	--	--	--	--
2,4,6-Trichlorophenol	**8270C**	--	--	--	--	--
2,4-Dichlorophenol	**8270C**	--	--	--	--	--
2,4-Dimethylphenol	**8270C**	--	--	--	--	--
2,4-Dinitrophenol	**8270C**	--	--	--	--	--
2,4-Dinitrotoluene	**8270C**	--	--	--	--	--
2,6-Dichlorophenol	**8270C**	--	--	--	--	--
2,6-Dinitrotoluene	**8270C**	--	--	--	--	--
2-Chloronaphthalene	**8270C**	--	--	--	--	--
2-Chlorophenol	**8270C**	--	--	--	--	--
2-Methylnaphthalene	**8270C**	--	--	--	--	--
2-Methylnaphthalene	**8270C SIM**	--	--	--	--	--
2-Nitroaniline	**8270C**	--	--	--	--	--
2-Nitrophenol	**8270C**	--	--	--	--	--
3,3'-Dichlorobenzidine	**8270C**	--	--	--	--	--
3-Methylcholanthrene	**8270C**	--	--	--	--	--
3-Nitroaniline	**8270C**	--	--	--	--	--
4,6-Dinitro-o-cresol	**8270C**	--	--	--	--	--
4-Aminobiphenyl	**8270C**	--	--	--	--	--
4-Bromophenylphenylether	**8270C**	--	--	--	--	--
4-Chlorophenylphenylether	**8270C**	--	--	--	--	--
4-Nitrophenol	**8270C**	--	--	--	--	--
4-Nitroquinoline-1-oxide	**8270C**	--	--	--	--	--
5-Nitro-o-toluidine	**8270C**	--	--	--	--	--
7,12-Dimethylbenz(a)anthracene	**8270C**	--	--	--	--	--
Acenaphthene	**8270C**	--	--	--	--	--
Acenaphthene	**8270C SIM**	--	--	--	--	--
Acenaphthylene	**8270C**	--	--	--	--	--
Acenaphthylene	**8270C SIM**	--	--	--	--	--
Acetamidofluorene	**8270C**	--	--	--	--	--
Acetophenone	**8270C**	--	--	--	--	--
alpha,alpha-Dimethylphenethylamine	**8270C**	--	--	--	--	--
alpha-Naphthylamine	**8270C**	--	--	--	--	--
alpha-Picoline	**8270C**	--	--	--	--	--
Aniline	**8270C**	--	--	--	--	--
Anthracene	**8270C**	--	--	--	--	--
Anthracene	**8270C SIM**	--	--	--	--	--
Aramite	**8270C**	--	--	--	--	--
Benzidine	**8270C**	--	--	--	--	--
Benzo(a)anthracene	**8270C**	--	--	--	--	--
Benzo(a)anthracene	**8270C SIM**	--	--	--	--	--
Benzo(a)pyrene	**8270C**	--	--	--	--	--
Benzo(a)pyrene	**8270C SIM**	--	--	--	--	--
Benzo(b)fluoranthene	**8270C**	--	--	--	--	--
Benzo(b)fluoranthene	**8270C SIM**	--	--	--	--	--
Benzo(ghi)perylene	**8270C**	--	--	--	--	--
Benzo(ghi)perylene	**8270C SIM**	--	--	--	--	--
Benzo(k)fluoranthene	**8270C**	--	--	--	--	--
Benzo(k)fluoranthene	**8270C SIM**	--	--	--	--	--
Benzoicacid	**8270C**	--	--	--	--	--
Benzylalcohol	**8270C**	--	--	--	--	--
beta-Naphthylamine	**8270C**	--	--	--	--	--
bis(2-Chloroethoxy)methane	**8270C**	--	--	--	--	--
bis(2-Chloroethyl)ether	**8270C**	--	--	--	--	--
bis(2-Chloroisopropyl)ether	**8270C**	--	--	--	--	--
bis(2-Ethylhexyl)phthalate	**8270C**	9.9 U	10 U	10 U	10 U	9.5 U
bis(2-Ethylhexyl)phthalate	**8270C SIM**	--	--	--	--	--
Butylbenzylphthalate	**8270C**	1 U	1 U	1 U	0.95 U	0.95 U
Butylbenzylphthalate	**8270C SIM**	--	--	--	--	--
Chrysene	**8270C**	--	--	--	--	--
Chrysene	**8270C SIM**	--	--	--	--	--
Dibenzo(a,h)anthracene	**8270C**	--	--	--	--	--
Dibenzo(a,h)anthracene	**8270C SIM**	--	--	--	--	--
Dibenzofuran	**8270C**	--	--	--	--	--

TABLE 13
SEMI-VOLATILE ORGANIC COMPOUNDS ANALYTICAL RESULTS, 2012
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

	Well Identifier:	RD-46B	RD-48A	RD-48B	RD-48B	RD-48C
	SampleType:	Primary	Primary	Primary	Primary	Primary
	Sample Name:	RD-46B_072012_01	RD-48A_073112_01	RD-48B_012612_01	RD-48B_073112_01	RD-48C_012612_01
	Groundwater Unit:	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth
	Lab Name:	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
	Collection Date:	7/20/2012	7/31/2012	1/26/2012	7/31/2012	1/26/2012
Analyte (µg/L)	**Method**					
Diethylphthalate	**8270C**	0.61 J	0.4 U	0.39 U	0.36 U	0.36 U
Diethylphthalate	**8270C SIM**	--	--	--	--	--
Dimethylphthalate	**8270C**	0.21 U	0.22 U	0.21 U	0.2 U	0.2 U
Dimethylphthalate	**8270C SIM**	--	--	--	--	--
Di-n-butylphthalate	**8270C**	1.2 U	1.2 U	1.2 U	1.1 U	1.1 U
Di-n-butylphthalate	**8270C SIM**	--	--	--	--	--
Di-n-octylphthalate	**8270C**	3.5 J	0.37 U	0.36 U	0.33 U	0.33 U
Di-n-octylphthalate	**8270C SIM**	--	--	--	--	--
Diphenylamine	**8270C**	--	--	--	--	--
Ethylmethanesulfonate	**8270C**	--	--	--	--	--
Famphur	**8270C**	--	--	--	--	--
Fluoranthene	**8270C**	--	--	--	--	--
Fluoranthene	**8270C SIM**	--	--	--	--	--
Fluorene	**8270C**	--	--	--	--	--
Fluorene	**8270C SIM**	--	--	--	--	--
Formaldehyde	**8315**	50 U	50 UJ	50 U	50 UJ	50 U
Formaldehyde	**8315A**	--	--	--	--	--
Hexachlorobenzene	**8270C**	--	--	--	--	--
Hexachlorobutadiene	**8270C**	--	--	--	--	--
Hexachlorocyclopentadiene	**8270C**	--	--	--	--	--
Hexachloroethane	**8270C**	--	--	--	--	--
Hexachlorophene	**8151A**	--	--	--	--	--
Hexachlorophene	**8321A**	--	--	--	--	--
Hexachloropropene	**8270C**	--	--	--	--	--
Indeno(1,2,3-cd)pyrene	**8270C**	--	--	--	--	--
Indeno(1,2,3-cd)pyrene	**8270C SIM**	--	--	--	--	--
Isodrin	**8270C**	--	--	--	--	--
Isophorone	**8270C**	--	--	--	--	--
Isosafrole	**8270C**	--	--	--	--	--
m+pCresol	**8270C**	--	--	--	--	--
m-Cresol	**8270C**	--	--	--	--	--
Methapyrilene	**8270C**	--	--	--	--	--
Methylmethanesulfonate	**8270C**	--	--	--	--	--
Naphthalene	**8270C**	--	--	--	--	--
Naphthalene	**8270C SIM**	--	--	--	--	--
Nitrobenzene	**8270C**	0.81 U	0.84 U	0.83 U	0.77 U	0.77 U
n-Nitrosodiethylamine	**8270C**	--	--	--	--	--
n-Nitrosodimethylamine	**1625M**	0.005 UJ	0.005 U	0.005 U	0.005 U	0.005 U
n-Nitrosodimethylamine	**8270C**	--	--	--	--	--
n-Nitrosodimethylamine	**8270C SIM**	--	--	--	--	--
n-Nitrosodi-n-butylamine	**8270C**	--	--	--	--	--
n-Nitrosodi-n-propylamine	**8270C**	--	--	--	--	--
n-Nitrosodiphenylamine	**8270C**	--	--	--	--	--
n-Nitrosodiphenylamine as Diphenylamine	**8270C**	--	--	--	--	--
n-Nitrosomethylethylamine	**8270C**	--	--	--	--	--
n-Nitrosomorpholine	**8270C**	--	--	--	--	--
n-Nitrosopiperidine	**8270C**	--	--	--	--	--
n-Nitrosopyrrolidine	**8270C**	--	--	--	--	--
o,o,o-Triethylphosphorothioate	**8270C**	--	--	--	--	--
o-Cresol	**8270C**	--	--	--	--	--
o-Tolidine	**8270C**	--	--	--	--	--
o-Toluidine	**8270C**	--	--	--	--	--
p-Chloroaniline	**8270C**	--	--	--	--	--
p-Chloro-m-cresol	**8270C**	--	--	--	--	--
p-Cresol	**8270C**	--	--	--	--	--
p-Dimethylaminoazobenzene	**8270C**	--	--	--	--	--
Pentachlorobenzene	**8270C**	--	--	--	--	--
Pentachloroethane	**8270C**	--	--	--	--	--
Pentachloronitrobenzene	**8270C**	--	--	--	--	--
Pentachlorophenol	**8270C**	--	--	--	--	--
Phenacetin	**8270C**	--	--	--	--	--
Phenanthrene	**8270C**	--	--	--	--	--
Phenanthrene	**8270C SIM**	--	--	--	--	--
Phenol	**8270C**	--	--	--	--	--
p-Nitroaniline	**8270C**	--	--	--	--	--
p-Phenylenediamine	**8270C**	--	--	--	--	--
Pronamide	**8270C**	--	--	--	--	--
Pyrene	**8270C**	--	--	--	--	--
Pyrene	**8270C SIM**	--	--	--	--	--
Pyridine	**8270C**	--	--	--	--	--
Safrole	**8270C**	--	--	--	--	--
sym-Trinitrobenzene	**8270C**	--	--	--	--	--
Tetraethyldithiopyrophosphate	**8270C**	--	--	--	--	--

TABLE 13
SEMI-VOLATILE ORGANIC COMPOUNDS ANALYTICAL RESULTS, 2012
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

	Well Identifier:	RD-48C	RD-49A	RD-49B	RD-49B	RD-49C
	SampleType:	Primary	Primary	Primary	Field Duplicate	Primary
	Sample Name:	RD-48C_073112_01	RD-49A_021312_01	RD-49B_021312_01	RD-49B_021312_36	RD-49C_021312_01
	Groundwater Unit:	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth
	Lab Name:	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
	Collection Date:	7/31/2012	2/13/2012	2/13/2012	2/13/2012	2/13/2012
Analyte (µg/L)	**Method**					
1,2,4,5-Tetrachlorobenzene	**8270C**	--	--	--	--	1.7 U
1,2,4-Trichlorobenzene	**8270C**	--	--	--	--	0.27 U
1,2-Dichlorobenzene	**8270C**	--	--	--	--	--
1,3-Dichlorobenzene	**8270C**	--	--	--	--	0.29 U
1,3-Dinitrobenzene	**8270C**	1.9 U	2 U	1.9 U	--	1.9 U
1,4-Dichlorobenzene	**8270C**	--	--	--	--	--
1,4-Naphthoquinone	**8270C**	--	--	--	--	13 U
1-Methylnaphthalene	**8270C SIM**	--	--	--	--	--
2,3,4,6-Tetrachlorophenol	**8270C**	--	--	--	--	1.9 U
2,4,5-Trichlorophenol	**8270C**	--	--	--	--	0.43 U
2,4,6-Trichlorophenol	**8270C**	--	--	--	--	0.28 U
2,4-Dichlorophenol	**8270C**	--	--	--	--	0.61 U
2,4-Dimethylphenol	**8270C**	--	--	--	--	0.56 U
2,4-Dinitrophenol	**8270C**	--	--	--	--	9.6 UJ
2,4-Dinitrotoluene	**8270C**	--	--	--	--	1.6 U
2,6-Dichlorophenol	**8270C**	--	--	--	--	1.3 U
2,6-Dinitrotoluene	**8270C**	--	--	--	--	1.8 U
2-Chloronaphthalene	**8270C**	--	--	--	--	0.25 U
2-Chlorophenol	**8270C**	--	--	--	--	1.9 U
2-Methylnaphthalene	**8270C**	--	--	--	--	0.28 U
2-Methylnaphthalene	**8270C SIM**	--	--	--	--	--
2-Nitroaniline	**8270C**	--	--	--	--	1.7 U
2-Nitrophenol	**8270C**	--	--	--	--	0.37 U
3,3'-Dichlorobenzidine	**8270C**	--	--	--	--	1.9 U
3-Methylcholanthrene	**8270C**	--	--	--	--	1.6 U
3-Nitroaniline	**8270C**	--	--	--	--	1.9 U
4,6-Dinitro-o-cresol	**8270C**	--	--	--	--	3.8 U
4-Aminobiphenyl	**8270C**	--	--	--	--	4.3 U
4-Bromophenylphenylether	**8270C**	--	--	--	--	0.41 U
4-Chlorophenylphenylether	**8270C**	--	--	--	--	1.6 U
4-Nitrophenol	**8270C**	--	--	--	--	1.2 U
4-Nitroquinoline-1-oxide	**8270C**	--	--	--	--	19 U
5-Nitro-o-toluidine	**8270C**	--	--	--	--	1.3 U
7,12-Dimethylbenz(a)anthracene	**8270C**	--	--	--	--	1.5 U
Acenaphthene	**8270C**	--	--	--	--	0.27 U
Acenaphthene	**8270C SIM**	--	--	--	--	--
Acenaphthylene	**8270C**	--	--	--	--	0.47 U
Acenaphthylene	**8270C SIM**	--	--	--	--	--
Acetamidofluorene	**8270C**	--	--	--	--	6.7 U
Acetophenone	**8270C**	--	--	--	--	0.23 U
alpha,alpha-Dimethylphenethylamine	**8270C**	--	--	--	--	19 U
alpha-Naphthylamine	**8270C**	--	--	--	--	3 U
alpha-Picoline	**8270C**	--	--	--	--	1.1 U
Aniline	**8270C**	--	--	--	--	1.9 U
Anthracene	**8270C**	--	--	--	--	0.4 U
Anthracene	**8270C SIM**	--	--	--	--	--
Aramite	**8270C**	--	--	--	--	8.8 U
Benzidine	**8270C**	--	--	--	--	--
Benzo(a)anthracene	**8270C**	--	--	--	--	0.33 U
Benzo(a)anthracene	**8270C SIM**	--	--	--	--	--
Benzo(a)pyrene	**8270C**	--	--	--	--	0.3 U
Benzo(a)pyrene	**8270C SIM**	--	--	--	--	--
Benzo(b)fluoranthene	**8270C**	--	--	--	--	0.51 U
Benzo(b)fluoranthene	**8270C SIM**	--	--	--	--	--
Benzo(ghi)perylene	**8270C**	--	--	--	--	0.48 U
Benzo(ghi)perylene	**8270C SIM**	--	--	--	--	--
Benzo(k)fluoranthene	**8270C**	--	--	--	--	0.44 U
Benzo(k)fluoranthene	**8270C SIM**	--	--	--	--	--
Benzoicacid	**8270C**	--	--	--	--	--
Benzylalcohol	**8270C**	--	--	--	--	0.22 U
beta-Naphthylamine	**8270C**	--	--	--	--	3 U
bis(2-Chloroethoxy)methane	**8270C**	--	--	--	--	0.93 U
bis(2-Chloroethyl)ether	**8270C**	--	--	--	--	0.39 U
bis(2-Chloroisopropyl)ether	**8270C**	--	--	--	--	0.27 U
bis(2-Ethylhexyl)phthalate	**8270C**	9.5 U	3 J	0.54 U	--	0.54 U
bis(2-Ethylhexyl)phthalate	**8270C SIM**	--	--	--	--	--
Butylbenzylphthalate	**8270C**	0.95 U	0.99 U	0.96 U	--	0.96 U
Butylbenzylphthalate	**8270C SIM**	--	--	--	--	--
Chrysene	**8270C**	--	--	--	--	0.52 U
Chrysene	**8270C SIM**	--	--	--	--	--
Dibenzo(a,h)anthracene	**8270C**	--	--	--	--	0.49 U
Dibenzo(a,h)anthracene	**8270C SIM**	--	--	--	--	--
Dibenzofuran	**8270C**	--	--	--	--	0.28 U

TABLE 13
SEMI-VOLATILE ORGANIC COMPOUNDS ANALYTICAL RESULTS, 2012
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

	Well Identifier:	RD-48C	RD-49A	RD-49B	RD-49B	RD-49C
	SampleType:	Primary	Primary	Primary	Field Duplicate	Primary
	Sample Name:	RD-48C_073112_01	RD-49A_021312_01	RD-49B_021312_01	RD-49B_021312_36	RD-49C_021312_01
	Groundwater Unit:	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth
	Lab Name:	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
	Collection Date:	7/31/2012	2/13/2012	2/13/2012	2/13/2012	2/13/2012
Analyte (µg/L)	**Method**					
Diethylphthalate	**8270C**	0.36 U	0.38 U	0.36 U	--	0.36 U
Diethylphthalate	**8270C SIM**	--	--	--	--	--
Dimethylphthalate	**8270C**	0.2 U	0.21 U	0.2 U	--	0.2 U
Dimethylphthalate	**8270C SIM**	--	--	--	--	--
Di-n-butylphthalate	**8270C**	1.1 U	1.2 U	1.1 U	--	1.1 U
Di-n-butylphthalate	**8270C SIM**	--	--	--	--	--
Di-n-octylphthalate	**8270C**	0.33 U	0.35 U	0.34 U	--	0.33 U
Di-n-octylphthalate	**8270C SIM**	--	--	--	--	--
Diphenylamine	**8270C**	--	--	--	--	1 U
Ethylmethanesulfonate	**8270C**	--	--	--	--	0.9 U
Famphur	**8270C**	--	--	--	--	--
Fluoranthene	**8270C**	--	--	--	--	0.19 U
Fluoranthene	**8270C SIM**	--	--	--	--	--
Fluorene	**8270C**	--	--	--	--	0.3 U
Fluorene	**8270C SIM**	--	--	--	--	--
Formaldehyde	**8315**	50 UJ	50 U	50 U	--	50 U
Formaldehyde	**8315A**	--	--	--	--	--
Hexachlorobenzene	**8270C**	--	--	--	--	0.63 U
Hexachlorobutadiene	**8270C**	--	--	--	--	3.2 U
Hexachlorocyclopentadiene	**8270C**	--	--	--	--	1.5 U
Hexachloroethane	**8270C**	--	--	--	--	2 U
Hexachlorophene	**8151A**	--	--	--	--	--
Hexachlorophene	**8321A**	--	--	--	--	0.49 U
Hexachloropropene	**8270C**	--	--	--	--	1.9 U
Indeno(1,2,3-cd)pyrene	**8270C**	--	--	--	--	0.62 U
Indeno(1,2,3-cd)pyrene	**8270C SIM**	--	--	--	--	--
Isodrin	**8270C**	--	--	--	--	1.7 U
Isophorone	**8270C**	--	--	--	--	0.2 U
Isosafrole	**8270C**	--	--	--	--	0.96 U
m+pCresol	**8270C**	--	--	--	--	--
m-Cresol	**8270C**	--	--	--	--	0.24 U
Methapyrilene	**8270C**	--	--	--	--	19 U
Methylmethanesulfonate	**8270C**	--	--	--	--	0.96 U
Naphthalene	**8270C**	--	--	--	--	0.28 U
Naphthalene	**8270C SIM**	--	--	--	--	--
Nitrobenzene	**8270C**	0.77 U	0.8 U	0.78 U	--	0.78 U
n-Nitrosodiethylamine	**8270C**	--	--	--	--	1.7 U
n-Nitrosodimethylamine	**1625M**	0.005 U	0.005 U	0.032	0.031	0.005 U
n-Nitrosodimethylamine	**8270C**	--	--	--	--	0.28 U
n-Nitrosodimethylamine	**8270C SIM**	--	--	--	--	--
n-Nitrosodi-n-butylamine	**8270C**	--	--	--	--	1.2 U
n-Nitrosodi-n-propylamine	**8270C**	--	--	--	--	0.33 U
n-Nitrosodiphenylamine	**8270C**	--	--	--	--	0.42 U
n-Nitrosodiphenylamine as Diphenylamine	**8270C**	--	--	--	--	--
n-Nitrosomethylethylamine	**8270C**	--	--	--	--	1.7 U
n-Nitrosomorpholine	**8270C**	--	--	--	--	1.9 U
n-Nitrosopiperidine	**8270C**	--	--	--	--	1.9 U
n-Nitrosopyrrolidine	**8270C**	--	--	--	--	0.77 U
o,o,o-Triethylphosphorothioate	**8270C**	--	--	--	--	1.9 U
o-Cresol	**8270C**	--	--	--	--	0.94 U
o-Tolidine	**8270C**	--	--	--	--	3.8 U
o-Toluidine	**8270C**	--	--	--	--	1.3 U
p-Chloroaniline	**8270C**	--	--	--	--	2 U
p-Chloro-m-cresol	**8270C**	--	--	--	--	2.3 U
p-Cresol	**8270C**	--	--	--	--	0.24 U
p-Dimethylaminoazobenzene	**8270C**	--	--	--	--	1.9 U
Pentachlorobenzene	**8270C**	--	--	--	--	1.9 U
Pentachloroethane	**8270C**	--	--	--	--	1.9 U
Pentachloronitrobenzene	**8270C**	--	--	--	--	1.9 U
Pentachlorophenol	**8270C**	--	--	--	--	0.77 U
Phenacetin	**8270C**	--	--	--	--	1 U
Phenanthrene	**8270C**	--	--	--	--	0.25 U
Phenanthrene	**8270C SIM**	--	--	--	--	--
Phenol	**8270C**	--	--	--	--	1.9 U
p-Nitroaniline	**8270C**	--	--	--	--	1.9 U
p-Phenylenediamine	**8270C**	--	--	--	--	4.8 U
Pronamide	**8270C**	--	--	--	--	1.9 U
Pyrene	**8270C**	--	--	--	--	0.35 U
Pyrene	**8270C SIM**	--	--	--	--	--
Pyridine	**8270C**	--	--	--	--	1.6 U
Safrole	**8270C**	--	--	--	--	1.1 U
sym-Trinitrobenzene	**8270C**	--	--	--	--	3.8 U
Tetraethyldithiopyrophosphate	**8270C**	--	--	--	--	--

TABLE 13
SEMI-VOLATILE ORGANIC COMPOUNDS ANALYTICAL RESULTS, 2012
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

	Well Identifier:	RD-49C	RD-51A	RD-51A	RD-51B	RD-51B
	SampleType:	Primary	Primary	Primary	Primary	Primary
	Sample Name:	RD-49C_072612_01	RD-51A_020312_01	RD-51A_071812_01	RD-51B_020312_01	RD-51B_071812_01
	Groundwater Unit:	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth
	Lab Name:	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
	Collection Date:	7/26/2012	2/3/2012	7/18/2012	2/3/2012	7/18/2012
Analyte (µg/L)	**Method**					
1,2,4,5-Tetrachlorobenzene	**8270C**	--	--	--	--	--
1,2,4-Trichlorobenzene	**8270C**	--	--	--	--	--
1,2-Dichlorobenzene	**8270C**	--	--	--	--	--
1,3-Dichlorobenzene	**8270C**	--	--	--	--	--
1,3-Dinitrobenzene	**8270C**	1.9 U	2 U	2 U	2 U	2 U
1,4-Dichlorobenzene	**8270C**	--	--	--	--	--
1,4-Naphthoquinone	**8270C**	--	--	--	--	--
1-Methylnaphthalene	**8270C SIM**	--	--	--	--	--
2,3,4,6-Tetrachlorophenol	**8270C**	--	--	--	--	--
2,4,5-Trichlorophenol	**8270C**	--	--	--	--	--
2,4,6-Trichlorophenol	**8270C**	--	--	--	--	--
2,4-Dichlorophenol	**8270C**	--	--	--	--	--
2,4-Dimethylphenol	**8270C**	--	--	--	--	--
2,4-Dinitrophenol	**8270C**	--	--	--	--	--
2,4-Dinitrotoluene	**8270C**	--	--	--	--	--
2,6-Dichlorophenol	**8270C**	--	--	--	--	--
2,6-Dinitrotoluene	**8270C**	--	--	--	--	--
2-Chloronaphthalene	**8270C**	--	--	--	--	--
2-Chlorophenol	**8270C**	--	--	--	--	--
2-Methylnaphthalene	**8270C**	--	--	--	--	--
2-Methylnaphthalene	**8270C SIM**	--	--	--	--	--
2-Nitroaniline	**8270C**	--	--	--	--	--
2-Nitrophenol	**8270C**	--	--	--	--	--
3,3'-Dichlorobenzidine	**8270C**	--	--	--	--	--
3-Methylcholanthrene	**8270C**	--	--	--	--	--
3-Nitroaniline	**8270C**	--	--	--	--	--
4,6-Dinitro-o-cresol	**8270C**	--	--	--	--	--
4-Aminobiphenyl	**8270C**	--	--	--	--	--
4-Bromophenylphenylether	**8270C**	--	--	--	--	--
4-Chlorophenylphenylether	**8270C**	--	--	--	--	--
4-Nitrophenol	**8270C**	--	--	--	--	--
4-Nitroquinoline-1-oxide	**8270C**	--	--	--	--	--
5-Nitro-o-toluidine	**8270C**	--	--	--	--	--
7,12-Dimethylbenz(a)anthracene	**8270C**	--	--	--	--	--
Acenaphthene	**8270C**	--	--	--	--	--
Acenaphthene	**8270C SIM**	--	--	--	--	--
Acenaphthylene	**8270C**	--	--	--	--	--
Acenaphthylene	**8270C SIM**	--	--	--	--	--
Acetamidofluorene	**8270C**	--	--	--	--	--
Acetophenone	**8270C**	--	--	--	--	--
alpha,alpha-Dimethylphenethylamine	**8270C**	--	--	--	--	--
alpha-Naphthylamine	**8270C**	--	--	--	--	--
alpha-Picoline	**8270C**	--	--	--	--	--
Aniline	**8270C**	--	--	--	--	--
Anthracene	**8270C**	--	--	--	--	--
Anthracene	**8270C SIM**	--	--	--	--	--
Aramite	**8270C**	--	--	--	--	--
Benzidine	**8270C**	--	--	--	--	--
Benzo(a)anthracene	**8270C**	--	--	--	--	--
Benzo(a)anthracene	**8270C SIM**	--	--	--	--	--
Benzo(a)pyrene	**8270C**	--	--	--	--	--
Benzo(a)pyrene	**8270C SIM**	--	--	--	--	--
Benzo(b)fluoranthene	**8270C**	--	--	--	--	--
Benzo(b)fluoranthene	**8270C SIM**	--	--	--	--	--
Benzo(ghi)perylene	**8270C**	--	--	--	--	--
Benzo(ghi)perylene	**8270C SIM**	--	--	--	--	--
Benzo(k)fluoranthene	**8270C**	--	--	--	--	--
Benzo(k)fluoranthene	**8270C SIM**	--	--	--	--	--
Benzoicacid	**8270C**	--	--	--	--	--
Benzylalcohol	**8270C**	--	--	--	--	--
beta-Naphthylamine	**8270C**	--	--	--	--	--
bis(2-Chloroethoxy)methane	**8270C**	--	--	--	--	--
bis(2-Chloroethyl)ether	**8270C**	--	--	--	--	--
bis(2-Chloroisopropyl)ether	**8270C**	--	--	--	--	--
bis(2-Ethylhexyl)phthalate	**8270C**	0.54 U	0.56 U	0.55 U	0.55 U	0.55 U
bis(2-Ethylhexyl)phthalate	**8270C SIM**	--	--	--	--	--
Butylbenzylphthalate	**8270C**	0.96 U	1 U	0.99 U	0.98 U	0.98 U
Butylbenzylphthalate	**8270C SIM**	--	--	--	--	--
Chrysene	**8270C**	--	--	--	--	--
Chrysene	**8270C SIM**	--	--	--	--	--
Dibenzo(a,h)anthracene	**8270C**	--	--	--	--	--
Dibenzo(a,h)anthracene	**8270C SIM**	--	--	--	--	--
Dibenzofuran	**8270C**	--	--	--	--	--

TABLE 13
SEMI-VOLATILE ORGANIC COMPOUNDS ANALYTICAL RESULTS, 2012
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

	Well Identifier:	RD-49C	RD-51A	RD-51A	RD-51B	RD-51B
	SampleType:	Primary	Primary	Primary	Primary	Primary
	Sample Name:	RD-49C_072612_01	RD-51A_020312_01	RD-51A_071812_01	RD-51B_020312_01	RD-51B_071812_01
	Groundwater Unit:	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth
	Lab Name:	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
	Collection Date:	7/26/2012	2/3/2012	7/18/2012	2/3/2012	7/18/2012
Analyte (µg/L)	**Method**					
Diethylphthalate	**8270C**	0.36 U	0.38 U	0.37 U	0.37 U	0.37 U
Diethylphthalate	**8270C SIM**	--	--	--	--	--
Dimethylphthalate	**8270C**	0.2 U	0.21 U	0.21 U	0.21 U	0.21 U
Dimethylphthalate	**8270C SIM**	--	--	--	--	--
Di-n-butylphthalate	**8270C**	1.1 U	1.2 U	1.1 U	1.1 U	1.1 U
Di-n-butylphthalate	**8270C SIM**	--	--	--	--	--
Di-n-octylphthalate	**8270C**	0.34 U	0.35 U	0.35 U	0.34 U	0.34 U
Di-n-octylphthalate	**8270C SIM**	--	--	--	--	--
Diphenylamine	**8270C**	--	--	--	--	--
Ethylmethanesulfonate	**8270C**	--	--	--	--	--
Famphur	**8270C**	--	--	--	--	--
Fluoranthene	**8270C**	--	--	--	--	--
Fluoranthene	**8270C SIM**	--	--	--	--	--
Fluorene	**8270C**	--	--	--	--	--
Fluorene	**8270C SIM**	--	--	--	--	--
Formaldehyde	**8315**	50 U	50 U	50 U	50 U	50 U
Formaldehyde	**8315A**	--	--	--	--	--
Hexachlorobenzene	**8270C**	--	--	--	--	--
Hexachlorobutadiene	**8270C**	--	--	--	--	--
Hexachlorocyclopentadiene	**8270C**	--	--	--	--	--
Hexachloroethane	**8270C**	--	--	--	--	--
Hexachlorophene	**8151A**	--	--	--	--	--
Hexachlorophene	**8321A**	--	--	--	--	--
Hexachloropropene	**8270C**	--	--	--	--	--
Indeno(1,2,3-cd)pyrene	**8270C**	--	--	--	--	--
Indeno(1,2,3-cd)pyrene	**8270C SIM**	--	--	--	--	--
Isodrin	**8270C**	--	--	--	--	--
Isophorone	**8270C**	--	--	--	--	--
Isosafrole	**8270C**	--	--	--	--	--
m+pCresol	**8270C**	--	--	--	--	--
m-Cresol	**8270C**	--	--	--	--	--
Methapyrilene	**8270C**	--	--	--	--	--
Methylmethanesulfonate	**8270C**	--	--	--	--	--
Naphthalene	**8270C**	--	--	--	--	--
Naphthalene	**8270C SIM**	--	--	--	--	--
Nitrobenzene	**8270C**	0.78 U	0.81 U	0.8 U	0.79 U	0.8 U
n-Nitrosodiethylamine	**8270C**	--	--	--	--	--
n-Nitrosodimethylamine	**1625M**	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
n-Nitrosodimethylamine	**8270C**	--	--	--	--	--
n-Nitrosodimethylamine	**8270C SIM**	--	--	--	--	--
n-Nitrosodi-n-butylamine	**8270C**	--	--	--	--	--
n-Nitrosodi-n-propylamine	**8270C**	--	--	--	--	--
n-Nitrosodiphenylamine	**8270C**	--	--	--	--	--
n-Nitrosodiphenylamine as Diphenylamine	**8270C**	--	--	--	--	--
n-Nitrosomethylethylamine	**8270C**	--	--	--	--	--
n-Nitrosomorpholine	**8270C**	--	--	--	--	--
n-Nitrosopiperidine	**8270C**	--	--	--	--	--
n-Nitrosopyrrolidine	**8270C**	--	--	--	--	--
o,o,o-Triethylphosphorothioate	**8270C**	--	--	--	--	--
o-Cresol	**8270C**	--	--	--	--	--
o-Tolidine	**8270C**	--	--	--	--	--
o-Toluidine	**8270C**	--	--	--	--	--
p-Chloroaniline	**8270C**	--	--	--	--	--
p-Chloro-m-cresol	**8270C**	--	--	--	--	--
p-Cresol	**8270C**	--	--	--	--	--
p-Dimethylaminoazobenzene	**8270C**	--	--	--	--	--
Pentachlorobenzene	**8270C**	--	--	--	--	--
Pentachloroethane	**8270C**	--	--	--	--	--
Pentachloronitrobenzene	**8270C**	--	--	--	--	--
Pentachlorophenol	**8270C**	--	--	--	--	--
Phenacetin	**8270C**	--	--	--	--	--
Phenanthrene	**8270C**	--	--	--	--	--
Phenanthrene	**8270C SIM**	--	--	--	--	--
Phenol	**8270C**	--	--	--	--	--
p-Nitroaniline	**8270C**	--	--	--	--	--
p-Phenylenediamine	**8270C**	--	--	--	--	--
Pronamide	**8270C**	--	--	--	--	--
Pyrene	**8270C**	--	--	--	--	--
Pyrene	**8270C SIM**	--	--	--	--	--
Pyridine	**8270C**	--	--	--	--	--
Safrole	**8270C**	--	--	--	--	--
sym-Trinitrobenzene	**8270C**	--	--	--	--	--
Tetraethyldithiopyrophosphate	**8270C**	--	--	--	--	--

TABLE 13
SEMI-VOLATILE ORGANIC COMPOUNDS ANALYTICAL RESULTS, 2012
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

	Well Identifier:	RD-51C	RD-51C	RD-52A	RD-52A	RD-52B
	SampleType:	Primary	Primary	Primary	Primary	Primary
	Sample Name:	RD-51C_020612_01	RD-51C_071812_01	RD-52A_020612_01	RD-52A_071912_01	RD-52B_020612_01
	Groundwater Unit:	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth
	Lab Name:	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
	Collection Date:	2/6/2012	7/18/2012	2/6/2012	7/19/2012	2/6/2012
Analyte (µg/L)	**Method**					
1,2,4,5-Tetrachlorobenzene	**8270C**	--	--	--	--	--
1,2,4-Trichlorobenzene	**8270C**	--	--	--	--	--
1,2-Dichlorobenzene	**8270C**	--	--	--	--	--
1,3-Dichlorobenzene	**8270C**	--	--	--	--	--
1,3-Dinitrobenzene	**8270C**	1.9 U	2 U	2 U	2 U	1.9 U
1,4-Dichlorobenzene	**8270C**	--	--	--	--	--
1,4-Naphthoquinone	**8270C**	--	--	--	--	--
1-Methylnaphthalene	**8270C SIM**	--	--	--	--	--
2,3,4,6-Tetrachlorophenol	**8270C**	--	--	--	--	--
2,4,5-Trichlorophenol	**8270C**	--	--	--	--	--
2,4,6-Trichlorophenol	**8270C**	--	--	--	--	--
2,4-Dichlorophenol	**8270C**	--	--	--	--	--
2,4-Dimethylphenol	**8270C**	--	--	--	--	--
2,4-Dinitrophenol	**8270C**	--	--	--	--	--
2,4-Dinitrotoluene	**8270C**	--	--	--	--	--
2,6-Dichlorophenol	**8270C**	--	--	--	--	--
2,6-Dinitrotoluene	**8270C**	--	--	--	--	--
2-Chloronaphthalene	**8270C**	--	--	--	--	--
2-Chlorophenol	**8270C**	--	--	--	--	--
2-Methylnaphthalene	**8270C**	--	--	--	--	--
2-Methylnaphthalene	**8270C SIM**	--	--	--	--	--
2-Nitroaniline	**8270C**	--	--	--	--	--
2-Nitrophenol	**8270C**	--	--	--	--	--
3,3'-Dichlorobenzidine	**8270C**	--	--	--	--	--
3-Methylcholanthrene	**8270C**	--	--	--	--	--
3-Nitroaniline	**8270C**	--	--	--	--	--
4,6-Dinitro-o-cresol	**8270C**	--	--	--	--	--
4-Aminobiphenyl	**8270C**	--	--	--	--	--
4-Bromophenylphenylether	**8270C**	--	--	--	--	--
4-Chlorophenylphenylether	**8270C**	--	--	--	--	--
4-Nitrophenol	**8270C**	--	--	--	--	--
4-Nitroquinoline-1-oxide	**8270C**	--	--	--	--	--
5-Nitro-o-toluidine	**8270C**	--	--	--	--	--
7,12-Dimethylbenz(a)anthracene	**8270C**	--	--	--	--	--
Acenaphthene	**8270C**	--	--	--	--	--
Acenaphthene	**8270C SIM**	--	--	--	--	--
Acenaphthylene	**8270C**	--	--	--	--	--
Acenaphthylene	**8270C SIM**	--	--	--	--	--
Acetamidofluorene	**8270C**	--	--	--	--	--
Acetophenone	**8270C**	--	--	--	--	--
alpha,alpha-Dimethylphenethylamine	**8270C**	--	--	--	--	--
alpha-Naphthylamine	**8270C**	--	--	--	--	--
alpha-Picoline	**8270C**	--	--	--	--	--
Aniline	**8270C**	--	--	--	--	--
Anthracene	**8270C**	--	--	--	--	--
Anthracene	**8270C SIM**	--	--	--	--	--
Aramite	**8270C**	--	--	--	--	--
Benzidine	**8270C**	--	--	--	--	--
Benzo(a)anthracene	**8270C**	--	--	--	--	--
Benzo(a)anthracene	**8270C SIM**	--	--	--	--	--
Benzo(a)pyrene	**8270C**	--	--	--	--	--
Benzo(a)pyrene	**8270C SIM**	--	--	--	--	--
Benzo(b)fluoranthene	**8270C**	--	--	--	--	--
Benzo(b)fluoranthene	**8270C SIM**	--	--	--	--	--
Benzo(ghi)perylene	**8270C**	--	--	--	--	--
Benzo(ghi)perylene	**8270C SIM**	--	--	--	--	--
Benzo(k)fluoranthene	**8270C**	--	--	--	--	--
Benzo(k)fluoranthene	**8270C SIM**	--	--	--	--	--
Benzoicacid	**8270C**	--	--	--	--	--
Benzylalcohol	**8270C**	--	--	--	--	--
beta-Naphthylamine	**8270C**	--	--	--	--	--
bis(2-Chloroethoxy)methane	**8270C**	--	--	--	--	--
bis(2-Chloroethyl)ether	**8270C**	--	--	--	--	--
bis(2-Chloroisopropyl)ether	**8270C**	--	--	--	--	--
bis(2-Ethylhexyl)phthalate	**8270C**	9.5 U	5.6 J	9.9 U	10 U	9.5 U
bis(2-Ethylhexyl)phthalate	**8270C SIM**	--	--	--	--	--
Butylbenzylphthalate	**8270C**	0.95 U	0.98 U	0.99 U	1 U	0.95 U
Butylbenzylphthalate	**8270C SIM**	--	--	--	--	--
Chrysene	**8270C**	--	--	--	--	--
Chrysene	**8270C SIM**	--	--	--	--	--
Dibenzo(a,h)anthracene	**8270C**	--	--	--	--	--
Dibenzo(a,h)anthracene	**8270C SIM**	--	--	--	--	--
Dibenzofuran	**8270C**	--	--	--	--	--

TABLE 13
SEMI-VOLATILE ORGANIC COMPOUNDS ANALYTICAL RESULTS, 2012
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

	Well Identifier:	RD-51C	RD-51C	RD-52A	RD-52A	RD-52B
	SampleType:	Primary	Primary	Primary	Primary	Primary
	Sample Name:	RD-51C_020612_01	RD-51C_071812_01	RD-52A_020612_01	RD-52A_071912_01	RD-52B_020612_01
	Groundwater Unit:	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth
	Lab Name:	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
	Collection Date:	2/6/2012	7/18/2012	2/6/2012	7/19/2012	2/6/2012
Analyte (µg/L)	**Method**					
Diethylphthalate	**8270C**	0.36 U	0.37 U	0.38 U	0.38 U	0.36 U
Diethylphthalate	**8270C SIM**	--	--	--	--	--
Dimethylphthalate	**8270C**	0.2 U	0.21 U	0.21 U	0.21 U	0.2 U
Dimethylphthalate	**8270C SIM**	--	--	--	--	--
Di-n-butylphthalate	**8270C**	1.1 U	1.1 U	1.1 U	1.2 U	1.1 U
Di-n-butylphthalate	**8270C SIM**	--	--	--	--	--
Di-n-octylphthalate	**8270C**	0.33 U	0.34 U	0.35 U	0.35 U	0.33 U
Di-n-octylphthalate	**8270C SIM**	--	--	--	--	--
Diphenylamine	**8270C**	--	--	--	--	--
Ethylmethanesulfonate	**8270C**	--	--	--	--	--
Famphur	**8270C**	--	--	--	--	--
Fluoranthene	**8270C**	--	--	--	--	--
Fluoranthene	**8270C SIM**	--	--	--	--	--
Fluorene	**8270C**	--	--	--	--	--
Fluorene	**8270C SIM**	--	--	--	--	--
Formaldehyde	**8315**	50 U	50 U	50 U	50 U	50 U
Formaldehyde	**8315A**	--	--	--	--	--
Hexachlorobenzene	**8270C**	--	--	--	--	--
Hexachlorobutadiene	**8270C**	--	--	--	--	--
Hexachlorocyclopentadiene	**8270C**	--	--	--	--	--
Hexachloroethane	**8270C**	--	--	--	--	--
Hexachlorophene	**8151A**	--	--	--	--	--
Hexachlorophene	**8321A**	--	--	--	--	--
Hexachloropropene	**8270C**	--	--	--	--	--
Indeno(1,2,3-cd)pyrene	**8270C**	--	--	--	--	--
Indeno(1,2,3-cd)pyrene	**8270C SIM**	--	--	--	--	--
Isodrin	**8270C**	--	--	--	--	--
Isophorone	**8270C**	--	--	--	--	--
Isosafrole	**8270C**	--	--	--	--	--
m+pCresol	**8270C**	--	--	--	--	--
m-Cresol	**8270C**	--	--	--	--	--
Methapyrilene	**8270C**	--	--	--	--	--
Methylmethanesulfonate	**8270C**	--	--	--	--	--
Naphthalene	**8270C**	--	--	--	--	--
Naphthalene	**8270C SIM**	--	--	--	--	--
Nitrobenzene	**8270C**	0.77 U	0.79 U	0.8 U	0.81 U	0.77 U
n-Nitrosodiethylamine	**8270C**	--	--	--	--	--
n-Nitrosodimethylamine	**1625M**	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
n-Nitrosodimethylamine	**8270C**	--	--	--	--	--
n-Nitrosodimethylamine	**8270C SIM**	--	--	--	--	--
n-Nitrosodi-n-butylamine	**8270C**	--	--	--	--	--
n-Nitrosodi-n-propylamine	**8270C**	--	--	--	--	--
n-Nitrosodiphenylamine	**8270C**	--	--	--	--	--
n-Nitrosodiphenylamine as Diphenylamine	**8270C**	--	--	--	--	--
n-Nitrosomethylethylamine	**8270C**	--	--	--	--	--
n-Nitrosomorpholine	**8270C**	--	--	--	--	--
n-Nitrosopiperidine	**8270C**	--	--	--	--	--
n-Nitrosopyrrolidine	**8270C**	--	--	--	--	--
o,o,o-Triethylphosphorothioate	**8270C**	--	--	--	--	--
o-Cresol	**8270C**	--	--	--	--	--
o-Tolidine	**8270C**	--	--	--	--	--
o-Toluidine	**8270C**	--	--	--	--	--
p-Chloroaniline	**8270C**	--	--	--	--	--
p-Chloro-m-cresol	**8270C**	--	--	--	--	--
p-Cresol	**8270C**	--	--	--	--	--
p-Dimethylaminoazobenzene	**8270C**	--	--	--	--	--
Pentachlorobenzene	**8270C**	--	--	--	--	--
Pentachloroethane	**8270C**	--	--	--	--	--
Pentachloronitrobenzene	**8270C**	--	--	--	--	--
Pentachlorophenol	**8270C**	--	--	--	--	--
Phenacetin	**8270C**	--	--	--	--	--
Phenanthrene	**8270C**	--	--	--	--	--
Phenanthrene	**8270C SIM**	--	--	--	--	--
Phenol	**8270C**	--	--	--	--	--
p-Nitroaniline	**8270C**	--	--	--	--	--
p-Phenylenediamine	**8270C**	--	--	--	--	--
Pronamide	**8270C**	--	--	--	--	--
Pyrene	**8270C**	--	--	--	--	--
Pyrene	**8270C SIM**	--	--	--	--	--
Pyridine	**8270C**	--	--	--	--	--
Safrole	**8270C**	--	--	--	--	--
sym-Trinitrobenzene	**8270C**	--	--	--	--	--
Tetraethyldithiopyrophosphate	**8270C**	--	--	--	--	--

TABLE 13
SEMI-VOLATILE ORGANIC COMPOUNDS ANALYTICAL RESULTS, 2012
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

	Well Identifier:	RD-52B	RD-52C	RD-52C	RD-53	RD-53
	SampleType:	Primary	Primary	Primary	Primary	Primary
	Sample Name:	RD-52B_071912_01	RD-52C_020612_01	RD-52C_071912_01	RD-53_020612_01	RD-53_080212_01
	Groundwater Unit:	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth
	Lab Name:	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
	Collection Date:	7/19/2012	2/6/2012	7/19/2012	2/6/2012	8/2/2012
Analyte (µg/L)	**Method**					
1,2,4,5-Tetrachlorobenzene	8270C	--	--	--	--	--
1,2,4-Trichlorobenzene	8270C	--	--	--	--	--
1,2-Dichlorobenzene	8270C	--	--	--	--	--
1,3-Dichlorobenzene	8270C	--	--	--	--	--
1,3-Dinitrobenzene	8270C	1.9 U	2 U	2 U	1.9 U	1.9 U
1,4-Dichlorobenzene	8270C	--	--	--	--	--
1,4-Naphthoquinone	8270C	--	--	--	--	--
1-Methylnaphthalene	8270C SIM	--	--	--	--	--
2,3,4,6-Tetrachlorophenol	8270C	--	--	--	--	--
2,4,5-Trichlorophenol	8270C	--	--	--	--	--
2,4,6-Trichlorophenol	8270C	--	--	--	--	--
2,4-Dichlorophenol	8270C	--	--	--	--	--
2,4-Dimethylphenol	8270C	--	--	--	--	--
2,4-Dinitrophenol	8270C	--	--	--	--	--
2,4-Dinitrotoluene	8270C	--	--	--	--	--
2,6-Dichlorophenol	8270C	--	--	--	--	--
2,6-Dinitrotoluene	8270C	--	--	--	--	--
2-Chloronaphthalene	8270C	--	--	--	--	--
2-Chlorophenol	8270C	--	--	--	--	--
2-Methylnaphthalene	8270C	--	--	--	--	--
2-Methylnaphthalene	8270C SIM	--	--	--	--	--
2-Nitroaniline	8270C	--	--	--	--	--
2-Nitrophenol	8270C	--	--	--	--	--
3,3'-Dichlorobenzidine	8270C	--	--	--	--	--
3-Methylcholanthrene	8270C	--	--	--	--	--
3-Nitroaniline	8270C	--	--	--	--	--
4,6-Dinitro-o-cresol	8270C	--	--	--	--	--
4-Aminobiphenyl	8270C	--	--	--	--	--
4-Bromophenylphenylether	8270C	--	--	--	--	--
4-Chlorophenylphenylether	8270C	--	--	--	--	--
4-Nitrophenol	8270C	--	--	--	--	--
4-Nitroquinoline-1-oxide	8270C	--	--	--	--	--
5-Nitro-o-toluidine	8270C	--	--	--	--	--
7,12-Dimethylbenz(a)anthracene	8270C	--	--	--	--	--
Acenaphthene	8270C	--	--	--	--	--
Acenaphthene	8270C SIM	--	--	--	--	--
Acenaphthylene	8270C	--	--	--	--	--
Acenaphthylene	8270C SIM	--	--	--	--	--
Acetamidofluorene	8270C	--	--	--	--	--
Acetophenone	8270C	--	--	--	--	--
alpha,alpha-Dimethylphenethylamine	8270C	--	--	--	--	--
alpha-Naphthylamine	8270C	--	--	--	--	--
alpha-Picoline	8270C	--	--	--	--	--
Aniline	8270C	--	--	--	--	--
Anthracene	8270C	--	--	--	--	--
Anthracene	8270C SIM	--	--	--	--	--
Aramite	8270C	--	--	--	--	--
Benzidine	8270C	--	--	--	--	--
Benzo(a)anthracene	8270C	--	--	--	--	--
Benzo(a)anthracene	8270C SIM	--	--	--	--	--
Benzo(a)pyrene	8270C	--	--	--	--	--
Benzo(a)pyrene	8270C SIM	--	--	--	--	--
Benzo(b)fluoranthene	8270C	--	--	--	--	--
Benzo(b)fluoranthene	8270C SIM	--	--	--	--	--
Benzo(ghi)perylene	8270C	--	--	--	--	--
Benzo(ghi)perylene	8270C SIM	--	--	--	--	--
Benzo(k)fluoranthene	8270C	--	--	--	--	--
Benzo(k)fluoranthene	8270C SIM	--	--	--	--	--
Benzoicacid	8270C	--	--	--	--	--
Benzylalcohol	8270C	--	--	--	--	--
beta-Naphthylamine	8270C	--	--	--	--	--
bis(2-Chloroethoxy)methane	8270C	--	--	--	--	--
bis(2-Chloroethyl)ether	8270C	--	--	--	--	--
bis(2-Chloroisopropyl)ether	8270C	--	--	--	--	--
bis(2-Ethylhexyl)phthalate	8270C	9.5 U	10 U	0.56 U	9.6 U	2.7 J
bis(2-Ethylhexyl)phthalate	8270C SIM	--	--	--	--	--
Butylbenzylphthalate	8270C	0.95 U	1 U	1 U	0.96 U	0.95 U
Butylbenzylphthalate	8270C SIM	--	--	--	--	--
Chrysene	8270C	--	--	--	--	--
Chrysene	8270C SIM	--	--	--	--	--
Dibenzo(a,h)anthracene	8270C	--	--	--	--	--
Dibenzo(a,h)anthracene	8270C SIM	--	--	--	--	--
Dibenzofuran	8270C	--	--	--	--	--

TABLE 13
SEMI-VOLATILE ORGANIC COMPOUNDS ANALYTICAL RESULTS, 2012
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

	Well Identifier:	RD-52B	RD-52C	RD-52C	RD-53	RD-53
	SampleType:	Primary	Primary	Primary	Primary	Primary
	Sample Name:	RD-52B_071912_01	RD-52C_020612_01	RD-52C_071912_01	RD-53_020612_01	RD-53_080212_01
	Groundwater Unit:	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth
	Lab Name:	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
	Collection Date:	7/19/2012	2/6/2012	7/19/2012	2/6/2012	8/2/2012
Analyte (µg/L)	**Method**					
Diethylphthalate	**8270C**	0.36 U	0.39 U	0.38 U	0.36 U	0.36 U
Diethylphthalate	**8270C SIM**	--	--	--	--	--
Dimethylphthalate	**8270C**	0.2 U	0.21 U	0.21 U	0.2 U	0.2 U
Dimethylphthalate	**8270C SIM**	--	--	--	--	--
Di-n-butylphthalate	**8270C**	1.1 U	1.2 U	1.2 U	1.1 U	1.1 U
Di-n-butylphthalate	**8270C SIM**	--	--	--	--	--
Di-n-octylphthalate	**8270C**	0.33 U	0.35 U	0.35 U	0.33 U	0.33 U
Di-n-octylphthalate	**8270C SIM**	--	--	--	--	--
Diphenylamine	**8270C**	--	--	--	--	--
Ethylmethanesulfonate	**8270C**	--	--	--	--	--
Famphur	**8270C**	--	--	--	--	--
Fluoranthene	**8270C**	--	--	--	--	--
Fluoranthene	**8270C SIM**	--	--	--	--	--
Fluorene	**8270C**	--	--	--	--	--
Fluorene	**8270C SIM**	--	--	--	--	--
Formaldehyde	**8315**	50 U	50 U	50 U	50 U	50 UJ
Formaldehyde	**8315A**	--	--	--	--	--
Hexachlorobenzene	**8270C**	--	--	--	--	--
Hexachlorobutadiene	**8270C**	--	--	--	--	--
Hexachlorocyclopentadiene	**8270C**	--	--	--	--	--
Hexachloroethane	**8270C**	--	--	--	--	--
Hexachlorophene	**8151A**	--	--	--	--	--
Hexachlorophene	**8321A**	--	--	--	--	--
Hexachloropropene	**8270C**	--	--	--	--	--
Indeno(1,2,3-cd)pyrene	**8270C**	--	--	--	--	--
Indeno(1,2,3-cd)pyrene	**8270C SIM**	--	--	--	--	--
Isodrin	**8270C**	--	--	--	--	--
Isophorone	**8270C**	--	--	--	--	--
Isosafrole	**8270C**	--	--	--	--	--
m+pCresol	**8270C**	--	--	--	--	--
m-Cresol	**8270C**	--	--	--	--	--
Methapyrilene	**8270C**	--	--	--	--	--
Methylmethanesulfonate	**8270C**	--	--	--	--	--
Naphthalene	**8270C**	--	--	--	--	--
Naphthalene	**8270C SIM**	--	--	--	--	--
Nitrobenzene	**8270C**	0.77 U	0.82 U	0.81 U	0.77 U	0.77 U
n-Nitrosodiethylamine	**8270C**	--	--	--	--	--
n-Nitrosodimethylamine	**1625M**	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
n-Nitrosodimethylamine	**8270C**	--	--	--	--	--
n-Nitrosodimethylamine	**8270C SIM**	--	--	--	--	--
n-Nitrosodi-n-butylamine	**8270C**	--	--	--	--	--
n-Nitrosodi-n-propylamine	**8270C**	--	--	--	--	--
n-Nitrosodiphenylamine	**8270C**	--	--	--	--	--
n-Nitrosodiphenylamine as Diphenylamine	**8270C**	--	--	--	--	--
n-Nitrosomethylethylamine	**8270C**	--	--	--	--	--
n-Nitrosomorpholine	**8270C**	--	--	--	--	--
n-Nitrosopiperidine	**8270C**	--	--	--	--	--
n-Nitrosopyrrolidine	**8270C**	--	--	--	--	--
o,o,o-Triethylphosphorothioate	**8270C**	--	--	--	--	--
o-Cresol	**8270C**	--	--	--	--	--
o-Tolidine	**8270C**	--	--	--	--	--
o-Toluidine	**8270C**	--	--	--	--	--
p-Chloroaniline	**8270C**	--	--	--	--	--
p-Chloro-m-cresol	**8270C**	--	--	--	--	--
p-Cresol	**8270C**	--	--	--	--	--
p-Dimethylaminoazobenzene	**8270C**	--	--	--	--	--
Pentachlorobenzene	**8270C**	--	--	--	--	--
Pentachloroethane	**8270C**	--	--	--	--	--
Pentachloronitrobenzene	**8270C**	--	--	--	--	--
Pentachlorophenol	**8270C**	--	--	--	--	--
Phenacetin	**8270C**	--	--	--	--	--
Phenanthrene	**8270C**	--	--	--	--	--
Phenanthrene	**8270C SIM**	--	--	--	--	--
Phenol	**8270C**	--	--	--	--	--
p-Nitroaniline	**8270C**	--	--	--	--	--
p-Phenylenediamine	**8270C**	--	--	--	--	--
Pronamide	**8270C**	--	--	--	--	--
Pyrene	**8270C**	--	--	--	--	--
Pyrene	**8270C SIM**	--	--	--	--	--
Pyridine	**8270C**	--	--	--	--	--
Safrole	**8270C**	--	--	--	--	--
sym-Trinitrobenzene	**8270C**	--	--	--	--	--
Tetraethyldithiopyrophosphate	**8270C**	--	--	--	--	--

TABLE 13
SEMI-VOLATILE ORGANIC COMPOUNDS ANALYTICAL RESULTS, 2012
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

	Well Identifier:	RD-55A	RD-55A	RD-55A	RD-55B	RD-55B
	SampleType:	Primary	Field Duplicate	Primary	Primary	Primary
	Sample Name:	RD-55A_021412_01	RD-55A_021412_36	RD-55A_072512_01	RD-55B_021412_01	RD-55B_072512_01
	Groundwater Unit:	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth
	Lab Name:	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
	Collection Date:	2/14/2012	2/14/2012	7/25/2012	2/14/2012	7/25/2012
Analyte (µg/L)	**Method**					
1,2,4,5-Tetrachlorobenzene	**8270C**	--	--	--	--	--
1,2,4-Trichlorobenzene	**8270C**	--	--	--	--	--
1,2-Dichlorobenzene	**8270C**	--	--	--	--	--
1,3-Dichlorobenzene	**8270C**	--	--	--	--	--
1,3-Dinitrobenzene	**8270C**	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U
1,4-Dichlorobenzene	**8270C**	--	--	--	--	--
1,4-Naphthoquinone	**8270C**	--	--	--	--	--
1-Methylnaphthalene	**8270C SIM**	--	--	--	--	--
2,3,4,6-Tetrachlorophenol	**8270C**	--	--	--	--	--
2,4,5-Trichlorophenol	**8270C**	--	--	--	--	--
2,4,6-Trichlorophenol	**8270C**	--	--	--	--	--
2,4-Dichlorophenol	**8270C**	--	--	--	--	--
2,4-Dimethylphenol	**8270C**	--	--	--	--	--
2,4-Dinitrophenol	**8270C**	--	--	--	--	--
2,4-Dinitrotoluene	**8270C**	--	--	--	--	--
2,6-Dichlorophenol	**8270C**	--	--	--	--	--
2,6-Dinitrotoluene	**8270C**	--	--	--	--	--
2-Chloronaphthalene	**8270C**	--	--	--	--	--
2-Chlorophenol	**8270C**	--	--	--	--	--
2-Methylnaphthalene	**8270C**	--	--	--	--	--
2-Methylnaphthalene	**8270C SIM**	--	--	--	--	--
2-Nitroaniline	**8270C**	--	--	--	--	--
2-Nitrophenol	**8270C**	--	--	--	--	--
3,3'-Dichlorobenzidine	**8270C**	--	--	--	--	--
3-Methylcholanthrene	**8270C**	--	--	--	--	--
3-Nitroaniline	**8270C**	--	--	--	--	--
4,6-Dinitro-o-cresol	**8270C**	--	--	--	--	--
4-Aminobiphenyl	**8270C**	--	--	--	--	--
4-Bromophenylphenylether	**8270C**	--	--	--	--	--
4-Chlorophenylphenylether	**8270C**	--	--	--	--	--
4-Nitrophenol	**8270C**	--	--	--	--	--
4-Nitroquinoline-1-oxide	**8270C**	--	--	--	--	--
5-Nitro-o-toluidine	**8270C**	--	--	--	--	--
7,12-Dimethylbenz(a)anthracene	**8270C**	--	--	--	--	--
Acenaphthene	**8270C**	--	--	--	--	--
Acenaphthene	**8270C SIM**	--	--	--	--	--
Acenaphthylene	**8270C**	--	--	--	--	--
Acenaphthylene	**8270C SIM**	--	--	--	--	--
Acetamidofluorene	**8270C**	--	--	--	--	--
Acetophenone	**8270C**	--	--	--	--	--
alpha,alpha-Dimethylphenethylamine	**8270C**	--	--	--	--	--
alpha-Naphthylamine	**8270C**	--	--	--	--	--
alpha-Picoline	**8270C**	--	--	--	--	--
Aniline	**8270C**	--	--	--	--	--
Anthracene	**8270C**	--	--	--	--	--
Anthracene	**8270C SIM**	--	--	--	--	--
Aramite	**8270C**	--	--	--	--	--
Benzidine	**8270C**	--	--	--	--	--
Benzo(a)anthracene	**8270C**	--	--	--	--	--
Benzo(a)anthracene	**8270C SIM**	--	--	--	--	--
Benzo(a)pyrene	**8270C**	--	--	--	--	--
Benzo(a)pyrene	**8270C SIM**	--	--	--	--	--
Benzo(b)fluoranthene	**8270C**	--	--	--	--	--
Benzo(b)fluoranthene	**8270C SIM**	--	--	--	--	--
Benzo(ghi)perylene	**8270C**	--	--	--	--	--
Benzo(ghi)perylene	**8270C SIM**	--	--	--	--	--
Benzo(k)fluoranthene	**8270C**	--	--	--	--	--
Benzo(k)fluoranthene	**8270C SIM**	--	--	--	--	--
Benzoicacid	**8270C**	--	--	--	--	--
Benzylalcohol	**8270C**	--	--	--	--	--
beta-Naphthylamine	**8270C**	--	--	--	--	--
bis(2-Chloroethoxy)methane	**8270C**	--	--	--	--	--
bis(2-Chloroethyl)ether	**8270C**	--	--	--	--	--
bis(2-Chloroisopropyl)ether	**8270C**	--	--	--	--	--
bis(2-Ethylhexyl)phthalate	**8270C**	0.53 U	0.53 U	0.53 U	0.54 U	0.53 U
bis(2-Ethylhexyl)phthalate	**8270C SIM**	--	--	--	--	--
Butylbenzylphthalate	**8270C**	0.95 U	0.95 U	0.95 U	0.97 U	0.95 U
Butylbenzylphthalate	**8270C SIM**	--	--	--	--	--
Chrysene	**8270C**	--	--	--	--	--
Chrysene	**8270C SIM**	--	--	--	--	--
Dibenzo(a,h)anthracene	**8270C**	--	--	--	--	--
Dibenzo(a,h)anthracene	**8270C SIM**	--	--	--	--	--
Dibenzofuran	**8270C**	--	--	--	--	--

TABLE 13
SEMI-VOLATILE ORGANIC COMPOUNDS ANALYTICAL RESULTS, 2012
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

	Well Identifier:	RD-55A	RD-55A	RD-55A	RD-55B	RD-55B
	SampleType:	Primary	Field Duplicate	Primary	Primary	Primary
	Sample Name:	RD-55A_021412_01	RD-55A_021412_36	RD-55A_072512_01	RD-55B_021412_01	RD-55B_072512_01
	Groundwater Unit:	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth
	Lab Name:	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
	Collection Date:	2/14/2012	2/14/2012	7/25/2012	2/14/2012	7/25/2012
Analyte (µg/L)	**Method**					
Diethylphthalate	**8270C**	0.67 J	0.36 U	0.36 U	0.37 U	0.36 U
Diethylphthalate	**8270C SIM**	--	--	--	--	--
Dimethylphthalate	**8270C**	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Dimethylphthalate	**8270C SIM**	--	--	--	--	--
Di-n-butylphthalate	**8270C**	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U
Di-n-butylphthalate	**8270C SIM**	--	--	--	--	--
Di-n-octylphthalate	**8270C**	0.33 U	0.33 U	0.33 U	0.34 U	0.33 U
Di-n-octylphthalate	**8270C SIM**	--	--	--	--	--
Diphenylamine	**8270C**	--	--	--	--	--
Ethylmethanesulfonate	**8270C**	--	--	--	--	--
Famphur	**8270C**	--	--	--	--	--
Fluoranthene	**8270C**	--	--	--	--	--
Fluoranthene	**8270C SIM**	--	--	--	--	--
Fluorene	**8270C**	--	--	--	--	--
Fluorene	**8270C SIM**	--	--	--	--	--
Formaldehyde	**8315**	50 U	12 J	50 U	26 J	50 U
Formaldehyde	**8315A**	--	--	--	--	--
Hexachlorobenzene	**8270C**	--	--	--	--	--
Hexachlorobutadiene	**8270C**	--	--	--	--	--
Hexachlorocyclopentadiene	**8270C**	--	--	--	--	--
Hexachloroethane	**8270C**	--	--	--	--	--
Hexachlorophene	**8151A**	--	--	--	--	--
Hexachlorophene	**8321A**	--	--	--	--	--
Hexachloropropene	**8270C**	--	--	--	--	--
Indeno(1,2,3-cd)pyrene	**8270C**	--	--	--	--	--
Indeno(1,2,3-cd)pyrene	**8270C SIM**	--	--	--	--	--
Isodrin	**8270C**	--	--	--	--	--
Isophorone	**8270C**	--	--	--	--	--
Isosafrole	**8270C**	--	--	--	--	--
m+pCresol	**8270C**	--	--	--	--	--
m-Cresol	**8270C**	--	--	--	--	--
Methapyrilene	**8270C**	--	--	--	--	--
Methylmethanesulfonate	**8270C**	--	--	--	--	--
Naphthalene	**8270C**	--	--	--	--	--
Naphthalene	**8270C SIM**	--	--	--	--	--
Nitrobenzene	**8270C**	0.77 U	0.77 U	0.77 U	0.79 U	0.77 U
n-Nitrosodiethylamine	**8270C**	--	--	--	--	--
n-Nitrosodimethylamine	**1625M**	0.005 U	0.005 U	0.005 U	0.005 U	0.0093
n-Nitrosodimethylamine	**8270C**	--	--	--	--	--
n-Nitrosodimethylamine	**8270C SIM**	--	--	--	--	--
n-Nitrosodi-n-butylamine	**8270C**	--	--	--	--	--
n-Nitrosodi-n-propylamine	**8270C**	--	--	--	--	--
n-Nitrosodiphenylamine	**8270C**	--	--	--	--	--
n-Nitrosodiphenylamine as Diphenylamine	**8270C**	--	--	--	--	--
n-Nitrosomethylethylamine	**8270C**	--	--	--	--	--
n-Nitrosomorpholine	**8270C**	--	--	--	--	--
n-Nitrosopiperidine	**8270C**	--	--	--	--	--
n-Nitrosopyrrolidine	**8270C**	--	--	--	--	--
o,o,o-Triethylphosphorothioate	**8270C**	--	--	--	--	--
o-Cresol	**8270C**	--	--	--	--	--
o-Tolidine	**8270C**	--	--	--	--	--
o-Toluidine	**8270C**	--	--	--	--	--
p-Chloroaniline	**8270C**	--	--	--	--	--
p-Chloro-m-cresol	**8270C**	--	--	--	--	--
p-Cresol	**8270C**	--	--	--	--	--
p-Dimethylaminoazobenzene	**8270C**	--	--	--	--	--
Pentachlorobenzene	**8270C**	--	--	--	--	--
Pentachloroethane	**8270C**	--	--	--	--	--
Pentachloronitrobenzene	**8270C**	--	--	--	--	--
Pentachlorophenol	**8270C**	--	--	--	--	--
Phenacetin	**8270C**	--	--	--	--	--
Phenanthrene	**8270C**	--	--	--	--	--
Phenanthrene	**8270C SIM**	--	--	--	--	--
Phenol	**8270C**	--	--	--	--	--
p-Nitroaniline	**8270C**	--	--	--	--	--
p-Phenylenediamine	**8270C**	--	--	--	--	--
Pronamide	**8270C**	--	--	--	--	--
Pyrene	**8270C**	--	--	--	--	--
Pyrene	**8270C SIM**	--	--	--	--	--
Pyridine	**8270C**	--	--	--	--	--
Safrole	**8270C**	--	--	--	--	--
sym-Trinitrobenzene	**8270C**	--	--	--	--	--
Tetraethyldithiopyrophosphate	**8270C**	--	--	--	--	--

TABLE 13
SEMI-VOLATILE ORGANIC COMPOUNDS ANALYTICAL RESULTS, 2012
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

	Well Identifier:	RD-58A	RD-58A	RD-58A	RD-58B	RD-58B
	SampleType:	Primary	Primary	Field Duplicate	Primary	Primary
	Sample Name:	RD-58A_012412_01	RD-58A_071812_01	RD-58A_071812_36	RD-58B_012412_01	RD-58B_071812_01
	Groundwater Unit:	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth
	Lab Name:	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
	Collection Date:	1/24/2012	7/18/2012	7/18/2012	1/24/2012	7/18/2012
Analyte (µg/L)	**Method**					
1,2,4,5-Tetrachlorobenzene	**8270C**	--	--	--	--	--
1,2,4-Trichlorobenzene	**8270C**	--	--	--	--	--
1,2-Dichlorobenzene	**8270C**	--	--	--	--	--
1,3-Dichlorobenzene	**8270C**	--	--	--	--	--
1,3-Dinitrobenzene	**8270C**	1.9 U	1.9 U	1.9 U	2 U	1.9 U
1,4-Dichlorobenzene	**8270C**	--	--	--	--	--
1,4-Naphthoquinone	**8270C**	--	--	--	--	--
1-Methylnaphthalene	**8270C SIM**	--	--	--	--	--
2,3,4,6-Tetrachlorophenol	**8270C**	--	--	--	--	--
2,4,5-Trichlorophenol	**8270C**	--	--	--	--	--
2,4,6-Trichlorophenol	**8270C**	--	--	--	--	--
2,4-Dichlorophenol	**8270C**	--	--	--	--	--
2,4-Dimethylphenol	**8270C**	--	--	--	--	--
2,4-Dinitrophenol	**8270C**	--	--	--	--	--
2,4-Dinitrotoluene	**8270C**	--	--	--	--	--
2,6-Dichlorophenol	**8270C**	--	--	--	--	--
2,6-Dinitrotoluene	**8270C**	--	--	--	--	--
2-Chloronaphthalene	**8270C**	--	--	--	--	--
2-Chlorophenol	**8270C**	--	--	--	--	--
2-Methylnaphthalene	**8270C**	--	--	--	--	--
2-Methylnaphthalene	**8270C SIM**	--	--	--	--	--
2-Nitroaniline	**8270C**	--	--	--	--	--
2-Nitrophenol	**8270C**	--	--	--	--	--
3,3'-Dichlorobenzidine	**8270C**	--	--	--	--	--
3-Methylcholanthrene	**8270C**	--	--	--	--	--
3-Nitroaniline	**8270C**	--	--	--	--	--
4,6-Dinitro-o-cresol	**8270C**	--	--	--	--	--
4-Aminobiphenyl	**8270C**	--	--	--	--	--
4-Bromophenylphenylether	**8270C**	--	--	--	--	--
4-Chlorophenylphenylether	**8270C**	--	--	--	--	--
4-Nitrophenol	**8270C**	--	--	--	--	--
4-Nitroquinoline-1-oxide	**8270C**	--	--	--	--	--
5-Nitro-o-toluidine	**8270C**	--	--	--	--	--
7,12-Dimethylbenz(a)anthracene	**8270C**	--	--	--	--	--
Acenaphthene	**8270C**	--	--	--	--	--
Acenaphthene	**8270C SIM**	--	--	--	--	--
Acenaphthylene	**8270C**	--	--	--	--	--
Acenaphthylene	**8270C SIM**	--	--	--	--	--
Acetamidofluorene	**8270C**	--	--	--	--	--
Acetophenone	**8270C**	--	--	--	--	--
alpha,alpha-Dimethylphenethylamine	**8270C**	--	--	--	--	--
alpha-Naphthylamine	**8270C**	--	--	--	--	--
alpha-Picoline	**8270C**	--	--	--	--	--
Aniline	**8270C**	--	--	--	--	--
Anthracene	**8270C**	--	--	--	--	--
Anthracene	**8270C SIM**	--	--	--	--	--
Aramite	**8270C**	--	--	--	--	--
Benzidine	**8270C**	--	--	--	--	--
Benzo(a)anthracene	**8270C**	--	--	--	--	--
Benzo(a)anthracene	**8270C SIM**	--	--	--	--	--
Benzo(a)pyrene	**8270C**	--	--	--	--	--
Benzo(a)pyrene	**8270C SIM**	--	--	--	--	--
Benzo(b)fluoranthene	**8270C**	--	--	--	--	--
Benzo(b)fluoranthene	**8270C SIM**	--	--	--	--	--
Benzo(ghi)perylene	**8270C**	--	--	--	--	--
Benzo(ghi)perylene	**8270C SIM**	--	--	--	--	--
Benzo(k)fluoranthene	**8270C**	--	--	--	--	--
Benzo(k)fluoranthene	**8270C SIM**	--	--	--	--	--
Benzoicacid	**8270C**	--	--	--	--	--
Benzylalcohol	**8270C**	--	--	--	--	--
beta-Naphthylamine	**8270C**	--	--	--	--	--
bis(2-Chloroethoxy)methane	**8270C**	--	--	--	--	--
bis(2-Chloroethyl)ether	**8270C**	--	--	--	--	--
bis(2-Chloroisopropyl)ether	**8270C**	--	--	--	--	--
bis(2-Ethylhexyl)phthalate	**8270C**	0.54 U	0.53 U	0.53 U	0.55 U	0.53 U
bis(2-Ethylhexyl)phthalate	**8270C SIM**	--	--	--	--	--
Butylbenzylphthalate	**8270C**	0.97 U	0.95 U	0.95 U	0.98 U	0.95 U
Butylbenzylphthalate	**8270C SIM**	--	--	--	--	--
Chrysene	**8270C**	--	--	--	--	--
Chrysene	**8270C SIM**	--	--	--	--	--
Dibenzo(a,h)anthracene	**8270C**	--	--	--	--	--
Dibenzo(a,h)anthracene	**8270C SIM**	--	--	--	--	--
Dibenzofuran	**8270C**	--	--	--	--	--

TABLE 13
SEMI-VOLATILE ORGANIC COMPOUNDS ANALYTICAL RESULTS, 2012
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

	Well Identifier:	RD-58A	RD-58A	RD-58A	RD-58B	RD-58B
	SampleType:	Primary	Primary	Field Duplicate	Primary	Primary
	Sample Name:	RD-58A_012412_01	RD-58A_071812_01	RD-58A_071812_36	RD-58B_012412_01	RD-58B_071812_01
	Groundwater Unit:	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth
	Lab Name:	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
	Collection Date:	1/24/2012	7/18/2012	7/18/2012	1/24/2012	7/18/2012
Analyte (µg/L)	**Method**					
Diethylphthalate	**8270C**	0.37 U	0.36 U	0.36 U	0.37 U	0.36 U
Diethylphthalate	**8270C SIM**	--	--	--	--	--
Dimethylphthalate	**8270C**	0.2 U	0.2 U	0.2 U	0.21 U	0.2 U
Dimethylphthalate	**8270C SIM**	--	--	--	--	--
Di-n-butylphthalate	**8270C**	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U
Di-n-butylphthalate	**8270C SIM**	--	--	--	--	--
Di-n-octylphthalate	**8270C**	0.34 U	0.33 U	0.33 U	0.34 U	0.33 U
Di-n-octylphthalate	**8270C SIM**	--	--	--	--	--
Diphenylamine	**8270C**	--	--	--	--	--
Ethylmethanesulfonate	**8270C**	--	--	--	--	--
Famphur	**8270C**	--	--	--	--	--
Fluoranthene	**8270C**	--	--	--	--	--
Fluoranthene	**8270C SIM**	--	--	--	--	--
Fluorene	**8270C**	--	--	--	--	--
Fluorene	**8270C SIM**	--	--	--	--	--
Formaldehyde	**8315**	50 U	50 U	50 U	50 U	50 U
Formaldehyde	**8315A**	--	--	--	--	--
Hexachlorobenzene	**8270C**	--	--	--	--	--
Hexachlorobutadiene	**8270C**	--	--	--	--	--
Hexachlorocyclopentadiene	**8270C**	--	--	--	--	--
Hexachloroethane	**8270C**	--	--	--	--	--
Hexachlorophene	**8151A**	--	--	--	--	--
Hexachlorophene	**8321A**	--	--	--	--	--
Hexachloropropene	**8270C**	--	--	--	--	--
Indeno(1,2,3-cd)pyrene	**8270C**	--	--	--	--	--
Indeno(1,2,3-cd)pyrene	**8270C SIM**	--	--	--	--	--
Isodrin	**8270C**	--	--	--	--	--
Isophorone	**8270C**	--	--	--	--	--
Isosafrole	**8270C**	--	--	--	--	--
m+pCresol	**8270C**	--	--	--	--	--
m-Cresol	**8270C**	--	--	--	--	--
Methapyrilene	**8270C**	--	--	--	--	--
Methylmethanesulfonate	**8270C**	--	--	--	--	--
Naphthalene	**8270C**	--	--	--	--	--
Naphthalene	**8270C SIM**	--	--	--	--	--
Nitrobenzene	**8270C**	0.78 U	0.77 U	0.77 U	0.8 U	0.77 U
n-Nitrosodiethylamine	**8270C**	--	--	--	--	--
n-Nitrosodimethylamine	**1625M**	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
n-Nitrosodimethylamine	**8270C**	--	--	--	--	--
n-Nitrosodimethylamine	**8270C SIM**	--	--	--	--	--
n-Nitrosodi-n-butylamine	**8270C**	--	--	--	--	--
n-Nitrosodi-n-propylamine	**8270C**	--	--	--	--	--
n-Nitrosodiphenylamine	**8270C**	--	--	--	--	--
n-Nitrosodiphenylamine as Diphenylamine	**8270C**	--	--	--	--	--
n-Nitrosomethylethylamine	**8270C**	--	--	--	--	--
n-Nitrosomorpholine	**8270C**	--	--	--	--	--
n-Nitrosopiperidine	**8270C**	--	--	--	--	--
n-Nitrosopyrrolidine	**8270C**	--	--	--	--	--
o,o,o-Triethylphosphorothioate	**8270C**	--	--	--	--	--
o-Cresol	**8270C**	--	--	--	--	--
o-Tolidine	**8270C**	--	--	--	--	--
o-Toluidine	**8270C**	--	--	--	--	--
p-Chloroaniline	**8270C**	--	--	--	--	--
p-Chloro-m-cresol	**8270C**	--	--	--	--	--
p-Cresol	**8270C**	--	--	--	--	--
p-Dimethylaminoazobenzene	**8270C**	--	--	--	--	--
Pentachlorobenzene	**8270C**	--	--	--	--	--
Pentachloroethane	**8270C**	--	--	--	--	--
Pentachloronitrobenzene	**8270C**	--	--	--	--	--
Pentachlorophenol	**8270C**	--	--	--	--	--
Phenacetin	**8270C**	--	--	--	--	--
Phenanthrene	**8270C**	--	--	--	--	--
Phenanthrene	**8270C SIM**	--	--	--	--	--
Phenol	**8270C**	--	--	--	--	--
p-Nitroaniline	**8270C**	--	--	--	--	--
p-Phenylenediamine	**8270C**	--	--	--	--	--
Pronamide	**8270C**	--	--	--	--	--
Pyrene	**8270C**	--	--	--	--	--
Pyrene	**8270C SIM**	--	--	--	--	--
Pyridine	**8270C**	--	--	--	--	--
Safrole	**8270C**	--	--	--	--	--
sym-Trinitrobenzene	**8270C**	--	--	--	--	--
Tetraethyldithiopyrophosphate	**8270C**	--	--	--	--	--

TABLE 13
SEMI-VOLATILE ORGANIC COMPOUNDS ANALYTICAL RESULTS, 2012
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

	Well Identifier:	RD-58C	RD-58C	RD-66	RD-66	RD-67	RD-67
	SampleType:	Primary	Primary	Primary	Primary	Primary	Primary
	Sample Name:	RD-58C_012412_01	RD-58C_071812_01	RD-66_020212_01	RD-66_080212_01	RD-67_012512_01	RD-67_072012_01
	Groundwater Unit:	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth
	Lab Name:	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
	Collection Date:	1/24/2012	7/18/2012	2/2/2012	8/2/2012	1/25/2012	7/20/2012
Analyte (µg/L)	**Method**						
1,2,4,5-Tetrachlorobenzene	**8270C**	--	--	--	--	--	--
1,2,4-Trichlorobenzene	**8270C**	--	--	--	--	--	--
1,2-Dichlorobenzene	**8270C**	--	--	--	--	--	--
1,3-Dichlorobenzene	**8270C**	--	--	--	--	--	--
1,3-Dinitrobenzene	**8270C**	1.9 U	1.9 U	--	--	--	--
1,4-Dichlorobenzene	**8270C**	--	--	--	--	--	--
1,4-Naphthoquinone	**8270C**	--	--	--	--	--	--
1-Methylnaphthalene	**8270C SIM**	--	--	--	--	--	--
2,3,4,6-Tetrachlorophenol	**8270C**	--	--	--	--	--	--
2,4,5-Trichlorophenol	**8270C**	--	--	--	--	--	--
2,4,6-Trichlorophenol	**8270C**	--	--	--	--	--	--
2,4-Dichlorophenol	**8270C**	--	--	--	--	--	--
2,4-Dimethylphenol	**8270C**	--	--	--	--	--	--
2,4-Dinitrophenol	**8270C**	--	--	--	--	--	--
2,4-Dinitrotoluene	**8270C**	--	--	--	--	--	--
2,6-Dichlorophenol	**8270C**	--	--	--	--	--	--
2,6-Dinitrotoluene	**8270C**	--	--	--	--	--	--
2-Chloronaphthalene	**8270C**	--	--	--	--	--	--
2-Chlorophenol	**8270C**	--	--	--	--	--	--
2-Methylnaphthalene	**8270C**	--	--	--	--	--	--
2-Methylnaphthalene	**8270C SIM**	--	--	--	--	--	--
2-Nitroaniline	**8270C**	--	--	--	--	--	--
2-Nitrophenol	**8270C**	--	--	--	--	--	--
3,3'-Dichlorobenzidine	**8270C**	--	--	--	--	--	--
3-Methylcholanthrene	**8270C**	--	--	--	--	--	--
3-Nitroaniline	**8270C**	--	--	--	--	--	--
4,6-Dinitro-o-cresol	**8270C**	--	--	--	--	--	--
4-Aminobiphenyl	**8270C**	--	--	--	--	--	--
4-Bromophenylphenylether	**8270C**	--	--	--	--	--	--
4-Chlorophenylphenylether	**8270C**	--	--	--	--	--	--
4-Nitrophenol	**8270C**	--	--	--	--	--	--
4-Nitroquinoline-1-oxide	**8270C**	--	--	--	--	--	--
5-Nitro-o-toluidine	**8270C**	--	--	--	--	--	--
7,12-Dimethylbenz(a)anthracene	**8270C**	--	--	--	--	--	--
Acenaphthene	**8270C**	--	--	--	--	--	--
Acenaphthene	**8270C SIM**	--	--	--	--	--	--
Acenaphthylene	**8270C**	--	--	--	--	--	--
Acenaphthylene	**8270C SIM**	--	--	--	--	--	--
Acetamidofluorene	**8270C**	--	--	--	--	--	--
Acetophenone	**8270C**	--	--	--	--	--	--
alpha,alpha-Dimethylphenethylamine	**8270C**	--	--	--	--	--	--
alpha-Naphthylamine	**8270C**	--	--	--	--	--	--
alpha-Picoline	**8270C**	--	--	--	--	--	--
Aniline	**8270C**	--	--	--	--	--	--
Anthracene	**8270C**	--	--	--	--	--	--
Anthracene	**8270C SIM**	--	--	--	--	--	--
Aramite	**8270C**	--	--	--	--	--	--
Benzidine	**8270C**	--	--	--	--	--	--
Benzo(a)anthracene	**8270C**	--	--	--	--	--	--
Benzo(a)anthracene	**8270C SIM**	--	--	--	--	--	--
Benzo(a)pyrene	**8270C**	--	--	--	--	--	--
Benzo(a)pyrene	**8270C SIM**	--	--	--	--	--	--
Benzo(b)fluoranthene	**8270C**	--	--	--	--	--	--
Benzo(b)fluoranthene	**8270C SIM**	--	--	--	--	--	--
Benzo(ghi)perylene	**8270C**	--	--	--	--	--	--
Benzo(ghi)perylene	**8270C SIM**	--	--	--	--	--	--
Benzo(k)fluoranthene	**8270C**	--	--	--	--	--	--
Benzo(k)fluoranthene	**8270C SIM**	--	--	--	--	--	--
Benzoicacid	**8270C**	--	--	--	--	--	--
Benzylalcohol	**8270C**	--	--	--	--	--	--
beta-Naphthylamine	**8270C**	--	--	--	--	--	--
bis(2-Chloroethoxy)methane	**8270C**	--	--	--	--	--	--
bis(2-Chloroethyl)ether	**8270C**	--	--	--	--	--	--
bis(2-Chloroisopropyl)ether	**8270C**	--	--	--	--	--	--
bis(2-Ethylhexyl)phthalate	**8270C**	0.53 U	0.53 U	--	--	--	--
bis(2-Ethylhexyl)phthalate	**8270C SIM**	--	--	--	--	--	--
Butylbenzylphthalate	**8270C**	0.95 U	0.95 U	--	--	--	--
Butylbenzylphthalate	**8270C SIM**	--	--	--	--	--	--
Chrysene	**8270C**	--	--	--	--	--	--
Chrysene	**8270C SIM**	--	--	--	--	--	--
Dibenzo(a,h)anthracene	**8270C**	--	--	--	--	--	--
Dibenzo(a,h)anthracene	**8270C SIM**	--	--	--	--	--	--
Dibenzofuran	**8270C**	--	--	--	--	--	--

TABLE 13
SEMI-VOLATILE ORGANIC COMPOUNDS ANALYTICAL RESULTS, 2012
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

	Well Identifier:	RD-58C	RD-58C	RD-66	RD-66	RD-67	RD-67
	SampleType:	Primary	Primary	Primary	Primary	Primary	Primary
	Sample Name:	RD-58C_012412_01	RD-58C_071812_01	RD-66_020212_01	RD-66_080212_01	RD-67_012512_01	RD-67_072012_01
	Groundwater Unit:	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth
	Lab Name:	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
	Collection Date:	1/24/2012	7/18/2012	2/2/2012	8/2/2012	1/25/2012	7/20/2012
Analyte (µg/L)	**Method**						
Diethylphthalate	**8270C**	0.36 U	0.36 U	--	--	--	--
Diethylphthalate	**8270C SIM**	--	--	--	--	--	--
Dimethylphthalate	**8270C**	0.2 U	0.2 U	--	--	--	--
Dimethylphthalate	**8270C SIM**	--	--	--	--	--	--
Di-n-butylphthalate	**8270C**	1.1 U	1.1 U	--	--	--	--
Di-n-butylphthalate	**8270C SIM**	--	--	--	--	--	--
Di-n-octylphthalate	**8270C**	0.33 U	0.33 U	--	--	--	--
Di-n-octylphthalate	**8270C SIM**	--	--	--	--	--	--
Diphenylamine	**8270C**	--	--	--	--	--	--
Ethylmethanesulfonate	**8270C**	--	--	--	--	--	--
Famphur	**8270C**	--	--	--	--	--	--
Fluoranthene	**8270C**	--	--	--	--	--	--
Fluoranthene	**8270C SIM**	--	--	--	--	--	--
Fluorene	**8270C**	--	--	--	--	--	--
Fluorene	**8270C SIM**	--	--	--	--	--	--
Formaldehyde	**8315**	50 U	50 U	--	--	--	--
Formaldehyde	**8315A**	--	--	--	--	--	--
Hexachlorobenzene	**8270C**	--	--	--	--	--	--
Hexachlorobutadiene	**8270C**	--	--	--	--	--	--
Hexachlorocyclopentadiene	**8270C**	--	--	--	--	--	--
Hexachloroethane	**8270C**	--	--	--	--	--	--
Hexachlorophene	**8151A**	--	--	--	--	--	--
Hexachlorophene	**8321A**	--	--	--	--	--	--
Hexachloropropene	**8270C**	--	--	--	--	--	--
Indeno(1,2,3-cd)pyrene	**8270C**	--	--	--	--	--	--
Indeno(1,2,3-cd)pyrene	**8270C SIM**	--	--	--	--	--	--
Isodrin	**8270C**	--	--	--	--	--	--
Isophorone	**8270C**	--	--	--	--	--	--
Isosafrole	**8270C**	--	--	--	--	--	--
m+pCresol	**8270C**	--	--	--	--	--	--
m-Cresol	**8270C**	--	--	--	--	--	--
Methapyrilene	**8270C**	--	--	--	--	--	--
Methylmethanesulfonate	**8270C**	--	--	--	--	--	--
Naphthalene	**8270C**	--	--	--	--	--	--
Naphthalene	**8270C SIM**	--	--	--	--	--	--
Nitrobenzene	**8270C**	0.77 U	0.77 U	--	--	--	--
n-Nitrosodiethylamine	**8270C**	--	--	--	--	--	--
n-Nitrosodimethylamine	**1625M**	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
n-Nitrosodimethylamine	**8270C**	--	--	--	--	--	--
n-Nitrosodimethylamine	**8270C SIM**	--	--	--	--	--	--
n-Nitrosodi-n-butylamine	**8270C**	--	--	--	--	--	--
n-Nitrosodi-n-propylamine	**8270C**	--	--	--	--	--	--
n-Nitrosodiphenylamine	**8270C**	--	--	--	--	--	--
n-Nitrosodiphenylamine as Diphenylamine	**8270C**	--	--	--	--	--	--
n-Nitrosomethylethylamine	**8270C**	--	--	--	--	--	--
n-Nitrosomorpholine	**8270C**	--	--	--	--	--	--
n-Nitrosopiperidine	**8270C**	--	--	--	--	--	--
n-Nitrosopyrrolidine	**8270C**	--	--	--	--	--	--
o,o,o-Triethylphosphorothioate	**8270C**	--	--	--	--	--	--
o-Cresol	**8270C**	--	--	--	--	--	--
o-Tolidine	**8270C**	--	--	--	--	--	--
o-Toluidine	**8270C**	--	--	--	--	--	--
p-Chloroaniline	**8270C**	--	--	--	--	--	--
p-Chloro-m-cresol	**8270C**	--	--	--	--	--	--
p-Cresol	**8270C**	--	--	--	--	--	--
p-Dimethylaminoazobenzene	**8270C**	--	--	--	--	--	--
Pentachlorobenzene	**8270C**	--	--	--	--	--	--
Pentachloroethane	**8270C**	--	--	--	--	--	--
Pentachloronitrobenzene	**8270C**	--	--	--	--	--	--
Pentachlorophenol	**8270C**	--	--	--	--	--	--
Phenacetin	**8270C**	--	--	--	--	--	--
Phenanthrene	**8270C**	--	--	--	--	--	--
Phenanthrene	**8270C SIM**	--	--	--	--	--	--
Phenol	**8270C**	--	--	--	--	--	--
p-Nitroaniline	**8270C**	--	--	--	--	--	--
p-Phenylenediamine	**8270C**	--	--	--	--	--	--
Pronamide	**8270C**	--	--	--	--	--	--
Pyrene	**8270C**	--	--	--	--	--	--
Pyrene	**8270C SIM**	--	--	--	--	--	--
Pyridine	**8270C**	--	--	--	--	--	--
Safrole	**8270C**	--	--	--	--	--	--
sym-Trinitrobenzene	**8270C**	--	--	--	--	--	--
Tetraethyldithiopyrophosphate	**8270C**	--	--	--	--	--	--

TABLE 13
SEMI-VOLATILE ORGANIC COMPOUNDS ANALYTICAL RESULTS, 2012
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

	Well Identifier:	RD-68A	RD-68A	RD-68B	RD-68B	RD-71	RD-71
	SampleType:	Primary	Primary	Primary	Primary	Primary	Primary
	Sample Name:	RD-68A_011212_01	RD-68A_071612_01	RD-68B_011212_01	RD-68B_071612_01	RD-71_020212_01	RD-71_080212_01
	Groundwater Unit:	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth
	Lab Name:	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
	Collection Date:	1/12/2012	7/16/2012	1/12/2012	7/16/2012	2/2/2012	8/2/2012
Analyte (µg/L)	**Method**						
1,2,4,5-Tetrachlorobenzene	**8270C**	--	--	--	--	--	--
1,2,4-Trichlorobenzene	**8270C**	--	--	--	--	--	--
1,2-Dichlorobenzene	**8270C**	--	--	--	--	--	--
1,3-Dichlorobenzene	**8270C**	--	--	--	--	--	--
1,3-Dinitrobenzene	**8270C**	1.9 U	1.9 U	2 U	1.9 U	--	--
1,4-Dichlorobenzene	**8270C**	--	--	--	--	--	--
1,4-Naphthoquinone	**8270C**	--	--	--	--	--	--
1-Methylnaphthalene	**8270C SIM**	--	--	--	--	--	--
2,3,4,6-Tetrachlorophenol	**8270C**	--	--	--	--	--	--
2,4,5-Trichlorophenol	**8270C**	--	--	--	--	--	--
2,4,6-Trichlorophenol	**8270C**	--	--	--	--	--	--
2,4-Dichlorophenol	**8270C**	--	--	--	--	--	--
2,4-Dimethylphenol	**8270C**	--	--	--	--	--	--
2,4-Dinitrophenol	**8270C**	--	--	--	--	--	--
2,4-Dinitrotoluene	**8270C**	--	--	--	--	--	--
2,6-Dichlorophenol	**8270C**	--	--	--	--	--	--
2,6-Dinitrotoluene	**8270C**	--	--	--	--	--	--
2-Chloronaphthalene	**8270C**	--	--	--	--	--	--
2-Chlorophenol	**8270C**	--	--	--	--	--	--
2-Methylnaphthalene	**8270C**	--	--	--	--	--	--
2-Methylnaphthalene	**8270C SIM**	--	--	--	--	--	--
2-Nitroaniline	**8270C**	--	--	--	--	--	--
2-Nitrophenol	**8270C**	--	--	--	--	--	--
3,3'-Dichlorobenzidine	**8270C**	--	--	--	--	--	--
3-Methylcholanthrene	**8270C**	--	--	--	--	--	--
3-Nitroaniline	**8270C**	--	--	--	--	--	--
4,6-Dinitro-o-cresol	**8270C**	--	--	--	--	--	--
4-Aminobiphenyl	**8270C**	--	--	--	--	--	--
4-Bromophenylphenylether	**8270C**	--	--	--	--	--	--
4-Chlorophenylphenylether	**8270C**	--	--	--	--	--	--
4-Nitrophenol	**8270C**	--	--	--	--	--	--
4-Nitroquinoline-1-oxide	**8270C**	--	--	--	--	--	--
5-Nitro-o-toluidine	**8270C**	--	--	--	--	--	--
7,12-Dimethylbenz(a)anthracene	**8270C**	--	--	--	--	--	--
Acenaphthene	**8270C**	--	--	--	--	--	--
Acenaphthene	**8270C SIM**	--	--	--	--	--	--
Acenaphthylene	**8270C**	--	--	--	--	--	--
Acenaphthylene	**8270C SIM**	--	--	--	--	--	--
Acetamidofluorene	**8270C**	--	--	--	--	--	--
Acetophenone	**8270C**	--	--	--	--	--	--
alpha,alpha-Dimethylphenethylamine	**8270C**	--	--	--	--	--	--
alpha-Naphthylamine	**8270C**	--	--	--	--	--	--
alpha-Picoline	**8270C**	--	--	--	--	--	--
Aniline	**8270C**	--	--	--	--	--	--
Anthracene	**8270C**	--	--	--	--	--	--
Anthracene	**8270C SIM**	--	--	--	--	--	--
Aramite	**8270C**	--	--	--	--	--	--
Benzidine	**8270C**	--	--	--	--	--	--
Benzo(a)anthracene	**8270C**	--	--	--	--	--	--
Benzo(a)anthracene	**8270C SIM**	--	--	--	--	--	--
Benzo(a)pyrene	**8270C**	--	--	--	--	--	--
Benzo(a)pyrene	**8270C SIM**	--	--	--	--	--	--
Benzo(b)fluoranthene	**8270C**	--	--	--	--	--	--
Benzo(b)fluoranthene	**8270C SIM**	--	--	--	--	--	--
Benzo(ghi)perylene	**8270C**	--	--	--	--	--	--
Benzo(ghi)perylene	**8270C SIM**	--	--	--	--	--	--
Benzo(k)fluoranthene	**8270C**	--	--	--	--	--	--
Benzo(k)fluoranthene	**8270C SIM**	--	--	--	--	--	--
Benzoicacid	**8270C**	--	--	--	--	--	--
Benzylalcohol	**8270C**	--	--	--	--	--	--
beta-Naphthylamine	**8270C**	--	--	--	--	--	--
bis(2-Chloroethoxy)methane	**8270C**	--	--	--	--	--	--
bis(2-Chloroethyl)ether	**8270C**	--	--	--	--	--	--
bis(2-Chloroisopropyl)ether	**8270C**	--	--	--	--	--	--
bis(2-Ethylhexyl)phthalate	**8270C**	9.5 U	0.53 U	9.9 U	0.53 U	--	--
bis(2-Ethylhexyl)phthalate	**8270C SIM**	--	--	--	--	--	--
Butylbenzylphthalate	**8270C**	0.95 U	0.95 U	0.99 U	0.95 U	--	--
Butylbenzylphthalate	**8270C SIM**	--	--	--	--	--	--
Chrysene	**8270C**	--	--	--	--	--	--
Chrysene	**8270C SIM**	--	--	--	--	--	--
Dibenzo(a,h)anthracene	**8270C**	--	--	--	--	--	--
Dibenzo(a,h)anthracene	**8270C SIM**	--	--	--	--	--	--
Dibenzofuran	**8270C**	--	--	--	--	--	--

TABLE 13
SEMI-VOLATILE ORGANIC COMPOUNDS ANALYTICAL RESULTS, 2012
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

	Well Identifier:	RD-68A	RD-68A	RD-68B	RD-68B	RD-71	RD-71
	SampleType:	Primary	Primary	Primary	Primary	Primary	Primary
	Sample Name:	RD-68A_011212_01	RD-68A_071612_01	RD-68B_011212_01	RD-68B_071612_01	RD-71_020212_01	RD-71_080212_01
	Groundwater Unit:	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth
	Lab Name:	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
	Collection Date:	1/12/2012	7/16/2012	1/12/2012	7/16/2012	2/2/2012	8/2/2012
Analyte (µg/L)	**Method**						
Diethylphthalate	**8270C**	0.36 U	0.36 U	0.38 U	0.36 U	--	--
Diethylphthalate	**8270C SIM**	--	--	--	--	--	--
Dimethylphthalate	**8270C**	0.2 U	0.2 U	0.21 U	0.2 U	--	--
Dimethylphthalate	**8270C SIM**	--	--	--	--	--	--
Di-n-butylphthalate	**8270C**	1.1 U	1.1 U	1.2 U	1.1 U	--	--
Di-n-butylphthalate	**8270C SIM**	--	--	--	--	--	--
Di-n-octylphthalate	**8270C**	0.33 U	0.33 U	0.35 U	0.33 U	--	--
Di-n-octylphthalate	**8270C SIM**	--	--	--	--	--	--
Diphenylamine	**8270C**	--	--	--	--	--	--
Ethylmethanesulfonate	**8270C**	--	--	--	--	--	--
Famphur	**8270C**	--	--	--	--	--	--
Fluoranthene	**8270C**	--	--	--	--	--	--
Fluoranthene	**8270C SIM**	--	--	--	--	--	--
Fluorene	**8270C**	--	--	--	--	--	--
Fluorene	**8270C SIM**	--	--	--	--	--	--
Formaldehyde	**8315**	50 U	9.8 J	50 U	8.4 U	--	--
Formaldehyde	**8315A**	--	--	--	--	--	--
Hexachlorobenzene	**8270C**	--	--	--	--	--	--
Hexachlorobutadiene	**8270C**	--	--	--	--	--	--
Hexachlorocyclopentadiene	**8270C**	--	--	--	--	--	--
Hexachloroethane	**8270C**	--	--	--	--	--	--
Hexachlorophene	**8151A**	--	--	--	--	--	--
Hexachlorophene	**8321A**	--	--	--	--	--	--
Hexachloropropene	**8270C**	--	--	--	--	--	--
Indeno(1,2,3-cd)pyrene	**8270C**	--	--	--	--	--	--
Indeno(1,2,3-cd)pyrene	**8270C SIM**	--	--	--	--	--	--
Isodrin	**8270C**	--	--	--	--	--	--
Isophorone	**8270C**	--	--	--	--	--	--
Isosafrole	**8270C**	--	--	--	--	--	--
m+pCresol	**8270C**	--	--	--	--	--	--
m-Cresol	**8270C**	--	--	--	--	--	--
Methapyrilene	**8270C**	--	--	--	--	--	--
Methylmethanesulfonate	**8270C**	--	--	--	--	--	--
Naphthalene	**8270C**	--	--	--	--	--	--
Naphthalene	**8270C SIM**	--	--	--	--	--	--
Nitrobenzene	**8270C**	0.77 U	0.77 U	0.81 U	0.77 U	--	--
n-Nitrosodiethylamine	**8270C**	--	--	--	--	--	--
n-Nitrosodimethylamine	**1625M**	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
n-Nitrosodimethylamine	**8270C**	--	--	--	--	--	--
n-Nitrosodimethylamine	**8270C SIM**	--	--	--	--	--	--
n-Nitrosodi-n-butylamine	**8270C**	--	--	--	--	--	--
n-Nitrosodi-n-propylamine	**8270C**	--	--	--	--	--	--
n-Nitrosodiphenylamine	**8270C**	--	--	--	--	--	--
n-Nitrosodiphenylamine as Diphenylamine	**8270C**	--	--	--	--	--	--
n-Nitrosomethylethylamine	**8270C**	--	--	--	--	--	--
n-Nitrosomorpholine	**8270C**	--	--	--	--	--	--
n-Nitrosopiperidine	**8270C**	--	--	--	--	--	--
n-Nitrosopyrrolidine	**8270C**	--	--	--	--	--	--
o,o,o-Triethylphosphorothioate	**8270C**	--	--	--	--	--	--
o-Cresol	**8270C**	--	--	--	--	--	--
o-Tolidine	**8270C**	--	--	--	--	--	--
o-Toluidine	**8270C**	--	--	--	--	--	--
p-Chloroaniline	**8270C**	--	--	--	--	--	--
p-Chloro-m-cresol	**8270C**	--	--	--	--	--	--
p-Cresol	**8270C**	--	--	--	--	--	--
p-Dimethylaminoazobenzene	**8270C**	--	--	--	--	--	--
Pentachlorobenzene	**8270C**	--	--	--	--	--	--
Pentachloroethane	**8270C**	--	--	--	--	--	--
Pentachloronitrobenzene	**8270C**	--	--	--	--	--	--
Pentachlorophenol	**8270C**	--	--	--	--	--	--
Phenacetin	**8270C**	--	--	--	--	--	--
Phenanthrene	**8270C**	--	--	--	--	--	--
Phenanthrene	**8270C SIM**	--	--	--	--	--	--
Phenol	**8270C**	--	--	--	--	--	--
p-Nitroaniline	**8270C**	--	--	--	--	--	--
p-Phenylenediamine	**8270C**	--	--	--	--	--	--
Pronamide	**8270C**	--	--	--	--	--	--
Pyrene	**8270C**	--	--	--	--	--	--
Pyrene	**8270C SIM**	--	--	--	--	--	--
Pyridine	**8270C**	--	--	--	--	--	--
Safrole	**8270C**	--	--	--	--	--	--
sym-Trinitrobenzene	**8270C**	--	--	--	--	--	--
Tetraethyldithiopyrophosphate	**8270C**	--	--	--	--	--	--

TABLE 13
SEMI-VOLATILE ORGANIC COMPOUNDS ANALYTICAL RESULTS, 2012
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

	Well Identifier:	RD-72 (Port 4)	RD-72 (Port 4)	RD-77	RD-78	RD-78	RD-100
	SampleType:	Primary	Primary	Primary	Primary	Primary	Primary
	Sample Name:	RD-72_012712_01	RD-72_071612_01	RD-77_021512_01	RD-78_021012_01	RD-78_080812_01	RD-100_011312_01
	Groundwater Unit:	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth
	Lab Name:	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
	Collection Date:	1/27/2012	7/16/2012	2/15/2012	2/10/2012	8/8/2012	1/13/2012
Analyte (µg/L)	**Method**						
1,2,4,5-Tetrachlorobenzene	**8270C**	--	--	--	--	--	--
1,2,4-Trichlorobenzene	**8270C**	--	--	--	--	--	0.28 U
1,2-Dichlorobenzene	**8270C**	--	--	--	--	--	--
1,3-Dichlorobenzene	**8270C**	--	--	--	--	--	--
1,3-Dinitrobenzene	**8270C**	--	--	2 U	--	--	2 U
1,4-Dichlorobenzene	**8270C**	--	--	--	--	--	--
1,4-Naphthoquinone	**8270C**	--	--	--	--	--	--
1-Methylnaphthalene	**8270C SIM**	--	--	--	--	--	--
2,3,4,6-Tetrachlorophenol	**8270C**	--	--	--	--	--	--
2,4,5-Trichlorophenol	**8270C**	--	--	--	--	--	--
2,4,6-Trichlorophenol	**8270C**	--	--	--	--	--	0.29 U
2,4-Dichlorophenol	**8270C**	--	--	--	--	--	0.64 U
2,4-Dimethylphenol	**8270C**	--	--	--	--	--	0.58 U
2,4-Dinitrophenol	**8270C**	--	--	--	--	--	10 U
2,4-Dinitrotoluene	**8270C**	--	--	--	--	--	1.7 U
2,6-Dichlorophenol	**8270C**	--	--	--	--	--	--
2,6-Dinitrotoluene	**8270C**	--	--	--	--	--	1.9 U
2-Chloronaphthalene	**8270C**	--	--	--	--	--	0.26 U
2-Chlorophenol	**8270C**	--	--	--	--	--	2 U
2-Methylnaphthalene	**8270C**	--	--	--	--	--	--
2-Methylnaphthalene	**8270C SIM**	--	--	--	--	--	--
2-Nitroaniline	**8270C**	--	--	--	--	--	--
2-Nitrophenol	**8270C**	--	--	--	--	--	0.39 U
3,3'-Dichlorobenzidine	**8270C**	--	--	--	--	--	2 U
3-Methylcholanthrene	**8270C**	--	--	--	--	--	--
3-Nitroaniline	**8270C**	--	--	--	--	--	--
4,6-Dinitro-o-cresol	**8270C**	--	--	--	--	--	4 U
4-Aminobiphenyl	**8270C**	--	--	--	--	--	--
4-Bromophenylphenylether	**8270C**	--	--	--	--	--	0.43 U
4-Chlorophenylphenylether	**8270C**	--	--	--	--	--	1.7 U
4-Nitrophenol	**8270C**	--	--	--	--	--	1.2 U
4-Nitroquinoline-1-oxide	**8270C**	--	--	--	--	--	--
5-Nitro-o-toluidine	**8270C**	--	--	--	--	--	--
7,12-Dimethylbenz(a)anthracene	**8270C**	--	--	--	--	--	--
Acenaphthene	**8270C**	--	--	--	--	--	0.28 U
Acenaphthene	**8270C SIM**	--	--	--	--	--	--
Acenaphthylene	**8270C**	--	--	--	--	--	0.49 U
Acenaphthylene	**8270C SIM**	--	--	--	--	--	--
Acetamidofluorene	**8270C**	--	--	--	--	--	--
Acetophenone	**8270C**	--	--	--	--	--	--
alpha,alpha-Dimethylphenethylamine	**8270C**	--	--	--	--	--	--
alpha-Naphthylamine	**8270C**	--	--	--	--	--	--
alpha-Picoline	**8270C**	--	--	--	--	--	--
Aniline	**8270C**	--	--	--	--	--	--
Anthracene	**8270C**	--	--	--	--	--	0.42 U
Anthracene	**8270C SIM**	--	--	--	--	--	--
Aramite	**8270C**	--	--	--	--	--	--
Benzidine	**8270C**	--	--	--	--	--	50 U
Benzo(a)anthracene	**8270C**	--	--	--	--	--	0.35 U
Benzo(a)anthracene	**8270C SIM**	--	--	--	--	--	--
Benzo(a)pyrene	**8270C**	--	--	--	--	--	0.31 U
Benzo(a)pyrene	**8270C SIM**	--	--	--	--	--	--
Benzo(b)fluoranthene	**8270C**	--	--	--	--	--	0.53 U
Benzo(b)fluoranthene	**8270C SIM**	--	--	--	--	--	--
Benzo(ghi)perylene	**8270C**	--	--	--	--	--	0.5 U
Benzo(ghi)perylene	**8270C SIM**	--	--	--	--	--	--
Benzo(k)fluoranthene	**8270C**	--	--	--	--	--	0.46 U
Benzo(k)fluoranthene	**8270C SIM**	--	--	--	--	--	--
Benzoicacid	**8270C**	--	--	--	--	--	--
Benzylalcohol	**8270C**	--	--	--	--	--	--
beta-Naphthylamine	**8270C**	--	--	--	--	--	--
bis(2-Chloroethoxy)methane	**8270C**	--	--	--	--	--	0.97 U
bis(2-Chloroethyl)ether	**8270C**	--	--	--	--	--	0.41 U
bis(2-Chloroisopropyl)ether	**8270C**	--	--	--	--	--	0.28 U
bis(2-Ethylhexyl)phthalate	**8270C**	--	--	0.56 U	--	--	10 U
bis(2-Ethylhexyl)phthalate	**8270C SIM**	--	--	--	--	--	--
Butylbenzylphthalate	**8270C**	--	--	1 U	--	--	1 U
Butylbenzylphthalate	**8270C SIM**	--	--	--	--	--	--
Chrysene	**8270C**	--	--	--	--	--	0.54 U
Chrysene	**8270C SIM**	--	--	--	--	--	--
Dibenzo(a,h)anthracene	**8270C**	--	--	--	--	--	0.51 U
Dibenzo(a,h)anthracene	**8270C SIM**	--	--	--	--	--	--
Dibenzofuran	**8270C**	--	--	--	--	--	--

TABLE 13
SEMI-VOLATILE ORGANIC COMPOUNDS ANALYTICAL RESULTS, 2012
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

	Well Identifier:	RD-72 (Port 4)	RD-72 (Port 4)	RD-77	RD-78	RD-78	RD-100
	SampleType:	Primary	Primary	Primary	Primary	Primary	Primary
	Sample Name:	RD-72_012712_01	RD-72_071612_01	RD-77_021512_01	RD-78_021012_01	RD-78_080812_01	RD-100_011312_01
	Groundwater Unit:	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth
	Lab Name:	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
	Collection Date:	1/27/2012	7/16/2012	2/15/2012	2/10/2012	8/8/2012	1/13/2012
Analyte (µg/L)	**Method**						
Diethylphthalate	**8270C**	--	--	0.38 U	--	--	0.38 U
Diethylphthalate	**8270C SIM**	--	--	--	--	--	--
Dimethylphthalate	**8270C**	--	--	0.21 U	--	--	0.21 U
Dimethylphthalate	**8270C SIM**	--	--	--	--	--	--
Di-n-butylphthalate	**8270C**	--	--	1.2 U	--	--	1.2 U
Di-n-butylphthalate	**8270C SIM**	--	--	--	--	--	--
Di-n-octylphthalate	**8270C**	--	--	0.35 U	--	--	0.35 U
Di-n-octylphthalate	**8270C SIM**	--	--	--	--	--	--
Diphenylamine	**8270C**	--	--	--	--	--	--
Ethylmethanesulfonate	**8270C**	--	--	--	--	--	--
Famphur	**8270C**	--	--	--	--	--	--
Fluoranthene	**8270C**	--	--	--	--	--	0.2 U
Fluoranthene	**8270C SIM**	--	--	--	--	--	--
Fluorene	**8270C**	--	--	--	--	--	0.31 U
Fluorene	**8270C SIM**	--	--	--	--	--	--
Formaldehyde	**8315**	--	--	8.4 U	--	--	--
Formaldehyde	**8315A**	--	--	--	--	--	--
Hexachlorobenzene	**8270C**	--	--	--	--	--	0.66 U
Hexachlorobutadiene	**8270C**	--	--	--	--	--	3.3 U
Hexachlorocyclopentadiene	**8270C**	--	--	--	--	--	--
Hexachloroethane	**8270C**	--	--	--	--	--	2.1 U
Hexachlorophene	**8151A**	--	--	--	--	--	--
Hexachlorophene	**8321A**	--	--	--	--	--	--
Hexachloropropene	**8270C**	--	--	--	--	--	--
Indeno(1,2,3-cd)pyrene	**8270C**	--	--	--	--	--	0.65 U
Indeno(1,2,3-cd)pyrene	**8270C SIM**	--	--	--	--	--	--
Isodrin	**8270C**	--	--	--	--	--	1.8 U
Isophorone	**8270C**	--	--	--	--	--	0.21 U
Isosafrole	**8270C**	--	--	--	--	--	--
m+pCresol	**8270C**	--	--	--	--	--	--
m-Cresol	**8270C**	--	--	--	--	--	--
Methapyrilene	**8270C**	--	--	--	--	--	--
Methylmethanesulfonate	**8270C**	--	--	--	--	--	--
Naphthalene	**8270C**	--	--	--	--	--	0.29 U
Naphthalene	**8270C SIM**	--	--	--	--	--	--
Nitrobenzene	**8270C**	--	--	0.81 U	--	--	0.81 U
n-Nitrosodiethylamine	**8270C**	--	--	--	--	--	--
n-Nitrosodimethylamine	**1625M**	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
n-Nitrosodimethylamine	**8270C**	--	--	--	--	--	0.29 U
n-Nitrosodimethylamine	**8270C SIM**	--	--	--	--	--	--
n-Nitrosodi-n-butylamine	**8270C**	--	--	--	--	--	--
n-Nitrosodi-n-propylamine	**8270C**	--	--	--	--	--	0.35 U
n-Nitrosodiphenylamine	**8270C**	--	--	--	--	--	--
n-Nitrosodiphenylamine as Diphenylamine	**8270C**	--	--	--	--	--	0.44 U
n-Nitrosomethylethylamine	**8270C**	--	--	--	--	--	--
n-Nitrosomorpholine	**8270C**	--	--	--	--	--	--
n-Nitrosopiperidine	**8270C**	--	--	--	--	--	--
n-Nitrosopyrrolidine	**8270C**	--	--	--	--	--	--
o,o,o-Triethylphosphorothioate	**8270C**	--	--	--	--	--	--
o-Cresol	**8270C**	--	--	--	--	--	--
o-Tolidine	**8270C**	--	--	--	--	--	--
o-Toluidine	**8270C**	--	--	--	--	--	--
p-Chloroaniline	**8270C**	--	--	--	--	--	--
p-Chloro-m-cresol	**8270C**	--	--	--	--	--	2.4 U
p-Cresol	**8270C**	--	--	--	--	--	--
p-Dimethylaminoazobenzene	**8270C**	--	--	--	--	--	--
Pentachlorobenzene	**8270C**	--	--	--	--	--	--
Pentachloroethane	**8270C**	--	--	--	--	--	--
Pentachloronitrobenzene	**8270C**	--	--	--	--	--	--
Pentachlorophenol	**8270C**	--	--	--	--	--	--
Phenacetin	**8270C**	--	--	--	--	--	--
Phenanthrene	**8270C**	--	--	--	--	--	0.26 U
Phenanthrene	**8270C SIM**	--	--	--	--	--	--
Phenol	**8270C**	--	--	--	--	--	2 U
p-Nitroaniline	**8270C**	--	--	--	--	--	--
p-Phenylenediamine	**8270C**	--	--	--	--	--	--
Pronamide	**8270C**	--	--	--	--	--	--
Pyrene	**8270C**	--	--	--	--	--	--
Pyrene	**8270C SIM**	--	--	--	--	--	--
Pyridine	**8270C**	--	--	--	--	--	--
Safrole	**8270C**	--	--	--	--	--	--
sym-Trinitrobenzene	**8270C**	--	--	--	--	--	--
Tetraethyldithiopyrophosphate	**8270C**	--	--	--	--	--	--

TABLE 13
SEMI-VOLATILE ORGANIC COMPOUNDS ANALYTICAL RESULTS, 2012
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

	Well Identifier:	RD-100	RD-104	RD-104	RS-33	RS-33	RS-33
	SampleType:	Primary	Primary	Primary	Primary	Field Duplicate	Primary
	Sample Name:	RD-100_072012_01A	RD-104_020112_01A	RD-104_020212_01	RS-33_013112_01	RS-33_013112_36	RS-33_080912_01
	Groundwater Unit:	Chatsworth	Chatsworth	Chatsworth	Shallow	Shallow	Shallow
	Lab Name:	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
	Collection Date:	7/20/2012	2/1/2012	2/2/2012	1/31/2012	1/31/2012	8/9/2012
Analyte (µg/L)	**Method**						
1,2,4,5-Tetrachlorobenzene	**8270C**	--	1.7 U	--	1.6 U	--	--
1,2,4-Trichlorobenzene	**8270C**	0.27 U	0.28 U	--	0.27 U	--	--
1,2-Dichlorobenzene	**8270C**	--	--	--	--	--	--
1,3-Dichlorobenzene	**8270C**	--	0.3 U	--	0.29 U	--	--
1,3-Dinitrobenzene	**8270C**	1.9 U	2 U	--	1.9 U	--	1.9 U
1,4-Dichlorobenzene	**8270C**	--	--	--	--	--	--
1,4-Naphthoquinone	**8270C**	--	14 U	--	13 U	--	--
1-Methylnaphthalene	**8270C SIM**	--	--	--	--	--	--
2,3,4,6-Tetrachlorophenol	**8270C**	--	2 U	--	1.9 U	--	--
2,4,5-Trichlorophenol	**8270C**	--	0.45 U	--	0.43 U	--	--
2,4,6-Trichlorophenol	**8270C**	0.28 U	0.29 U	--	0.28 U	--	--
2,4-Dichlorophenol	**8270C**	0.61 U	0.64 U	--	0.61 U	--	--
2,4-Dimethylphenol	**8270C**	0.55 U	0.58 U	--	0.55 U	--	--
2,4-Dinitrophenol	**8270C**	9.5 U	10 U	--	9.5 U	--	--
2,4-Dinitrotoluene	**8270C**	1.6 U	1.7 U	--	1.6 U	--	--
2,6-Dichlorophenol	**8270C**	--	1.4 U	--	1.3 U	--	--
2,6-Dinitrotoluene	**8270C**	1.8 U	1.9 U	--	1.8 U	--	--
2-Chloronaphthalene	**8270C**	0.25 U	0.26 U	--	0.25 U	--	--
2-Chlorophenol	**8270C**	1.9 U	2 U	--	1.9 U	--	--
2-Methylnaphthalene	**8270C**	--	0.29 U	--	0.28 U	--	--
2-Methylnaphthalene	**8270C SIM**	--	--	--	--	--	--
2-Nitroaniline	**8270C**	--	1.7 U	--	1.6 U	--	--
2-Nitrophenol	**8270C**	0.37 U	0.39 U	--	0.37 U	--	--
3,3'-Dichlorobenzidine	**8270C**	1.9 U	2 U	--	1.9 U	--	--
3-Methylcholanthrene	**8270C**	--	1.7 U	--	1.6 U	--	--
3-Nitroaniline	**8270C**	--	2 U	--	1.9 U	--	--
4,6-Dinitro-o-cresol	**8270C**	3.8 U	4 U	--	3.8 U	--	--
4-Aminobiphenyl	**8270C**	--	4.5 U	--	4.3 U	--	--
4-Bromophenylphenylether	**8270C**	0.41 U	0.43 U	--	0.41 U	--	--
4-Chlorophenylphenylether	**8270C**	1.6 U	1.7 U	--	1.6 U	--	--
4-Nitrophenol	**8270C**	1.2 U	1.2 U	--	1.2 U	--	--
4-Nitroquinoline-1-oxide	**8270C**	--	20 U	--	19 U	--	--
5-Nitro-o-toluidine	**8270C**	--	1.4 U	--	1.3 U	--	--
7,12-Dimethylbenz(a)anthracene	**8270C**	--	1.6 U	--	1.5 U	--	--
Acenaphthene	**8270C**	0.27 U	0.28 U	--	0.27 U	--	--
Acenaphthene	**8270C SIM**	--	--	--	--	--	--
Acenaphthylene	**8270C**	0.47 U	0.49 U	--	0.47 U	--	--
Acenaphthylene	**8270C SIM**	--	--	--	--	--	--
Acetamidofluorene	**8270C**	--	7 U	--	6.7 U	--	--
Acetophenone	**8270C**	--	0.24 U	--	0.23 U	--	--
alpha,alpha-Dimethylphenethylamine	**8270C**	--	20 U	--	19 U	--	--
alpha-Naphthylamine	**8270C**	--	3.1 U	--	3 U	--	--
alpha-Picoline	**8270C**	--	1.2 U	--	1.1 U	--	--
Aniline	**8270C**	--	2 U	--	1.9 U	--	--
Anthracene	**8270C**	0.4 U	0.42 U	--	0.4 U	--	--
Anthracene	**8270C SIM**	--	--	--	--	--	--
Aramite	**8270C**	--	9.2 U	--	8.8 U	--	--
Benzidine	**8270C**	47 U	--	--	--	--	--
Benzo(a)anthracene	**8270C**	0.33 U	0.35 U	--	0.33 U	--	--
Benzo(a)anthracene	**8270C SIM**	--	--	--	--	--	--
Benzo(a)pyrene	**8270C**	0.29 U	0.31 U	--	0.3 U	--	--
Benzo(a)pyrene	**8270C SIM**	--	--	--	--	--	--
Benzo(b)fluoranthene	**8270C**	0.5 U	0.53 U	--	0.51 U	--	--
Benzo(b)fluoranthene	**8270C SIM**	--	--	--	--	--	--
Benzo(ghi)perylene	**8270C**	0.47 U	0.5 U	--	0.48 U	--	--
Benzo(ghi)perylene	**8270C SIM**	--	--	--	--	--	--
Benzo(k)fluoranthene	**8270C**	0.44 U	0.46 U	--	0.44 U	--	--
Benzo(k)fluoranthene	**8270C SIM**	--	--	--	--	--	--
Benzoicacid	**8270C**	--	--	--	--	--	--
Benzylalcohol	**8270C**	--	0.23 U	--	0.22 U	--	--
beta-Naphthylamine	**8270C**	--	3.1 U	--	2.9 U	--	--
bis(2-Chloroethoxy)methane	**8270C**	0.92 U	0.97 U	--	0.92 U	--	--
bis(2-Chloroethyl)ether	**8270C**	0.39 U	0.41 U	--	0.39 U	--	--
bis(2-Chloroisopropyl)ether	**8270C**	0.27 U	0.28 U	--	0.27 U	--	--
bis(2-Ethylhexyl)phthalate	**8270C**	9.5 U	0.58 J	--	0.53 U	--	0.53 U
bis(2-Ethylhexyl)phthalate	**8270C SIM**	--	--	--	--	--	--
Butylbenzylphthalate	**8270C**	0.95 U	1 U	--	0.95 U	--	0.95 U
Butylbenzylphthalate	**8270C SIM**	--	--	--	--	--	--
Chrysene	**8270C**	0.51 U	0.54 U	--	0.51 U	--	--
Chrysene	**8270C SIM**	--	--	--	--	--	--
Dibenzo(a,h)anthracene	**8270C**	0.48 U	0.51 U	--	0.49 U	--	--
Dibenzo(a,h)anthracene	**8270C SIM**	--	--	--	--	--	--
Dibenzofuran	**8270C**	--	0.29 U	--	0.28 U	--	--

TABLE 13
SEMI-VOLATILE ORGANIC COMPOUNDS ANALYTICAL RESULTS, 2012
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

	Well Identifier:	RD-100	RD-104	RD-104	RS-33	RS-33	RS-33
	SampleType:	Primary	Primary	Primary	Primary	Field Duplicate	Primary
	Sample Name:	RD-100_072012_01A	RD-104_020112_01A	RD-104_020212_01	RS-33_013112_01	RS-33_013112_36	RS-33_080912_01
	Groundwater Unit:	Chatsworth	Chatsworth	Chatsworth	Shallow	Shallow	Shallow
	Lab Name:	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
	Collection Date:	7/20/2012	2/1/2012	2/2/2012	1/31/2012	1/31/2012	8/9/2012
Analyte (µg/L)	**Method**						
Diethylphthalate	**8270C**	5.3	0.77 J	--	0.36 U	--	0.36 U
Diethylphthalate	**8270C SIM**	--	--	--	--	--	--
Dimethylphthalate	**8270C**	0.2 U	0.21 U	--	0.2 U	--	0.2 U
Dimethylphthalate	**8270C SIM**	--	--	--	--	--	--
Di-n-butylphthalate	**8270C**	1.1 U	1.2 U	--	1.1 U	--	1.1 U
Di-n-butylphthalate	**8270C SIM**	--	--	--	--	--	--
Di-n-octylphthalate	**8270C**	0.33 U	0.35 U	--	0.33 U	--	0.33 U
Di-n-octylphthalate	**8270C SIM**	--	--	--	--	--	--
Diphenylamine	**8270C**	--	1.1 U	--	1 U	--	--
Ethylmethanesulfonate	**8270C**	--	0.95 U	--	0.9 U	--	--
Famphur	**8270C**	--	--	--	--	--	--
Fluoranthene	**8270C**	0.19 U	0.2 U	--	0.19 U	--	--
Fluoranthene	**8270C SIM**	--	--	--	--	--	--
Fluorene	**8270C**	0.29 U	0.31 U	--	0.3 U	--	--
Fluorene	**8270C SIM**	--	--	--	--	--	--
Formaldehyde	**8315**	--	--	50 U	8.4 R	--	50 U
Formaldehyde	**8315A**	--	--	--	--	--	--
Hexachlorobenzene	**8270C**	0.63 U	0.66 U	--	0.63 U	--	--
Hexachlorobutadiene	**8270C**	3.1 U	3.3 U	--	3.1 U	--	--
Hexachlorocyclopentadiene	**8270C**	--	1.5 U	--	1.5 U	--	--
Hexachloroethane	**8270C**	2 U	2.1 U	--	2 U	--	--
Hexachlorophene	**8151A**	--	--	--	--	--	--
Hexachlorophene	**8321A**	--	0.49 U	--	0.49 U	--	--
Hexachloropropene	**8270C**	--	2 U	--	1.9 U	--	--
Indeno(1,2,3-cd)pyrene	**8270C**	0.62 U	0.65 U	--	0.62 U	--	--
Indeno(1,2,3-cd)pyrene	**8270C SIM**	--	--	--	--	--	--
Isodrin	**8270C**	1.7 U	1.8 U	--	1.7 U	--	--
Isophorone	**8270C**	0.2 U	0.21 U	--	0.2 U	--	--
Isosafrole	**8270C**	--	1 U	--	0.95 U	--	--
m+pCresol	**8270C**	--	--	--	--	--	--
m-Cresol	**8270C**	--	0.25 U	--	0.24 U	--	--
Methapyrilene	**8270C**	--	20 U	--	19 U	--	--
Methylmethanesulfonate	**8270C**	--	1 UJ	--	0.95 U	--	--
Naphthalene	**8270C**	0.28 U	0.29 U	--	0.28 U	--	--
Naphthalene	**8270C SIM**	--	--	--	--	--	--
Nitrobenzene	**8270C**	0.77 U	0.81 U	--	0.77 U	--	0.77 U
n-Nitrosodiethylamine	**8270C**	--	1.7 U	--	1.6 U	--	--
n-Nitrosodimethylamine	**1625M**	0.005 UJ	0.012	--	0.2 J	0.2 J	0.21
n-Nitrosodimethylamine	**8270C**	0.28 U	0.29 U	--	0.28 U	--	--
n-Nitrosodimethylamine	**8270C SIM**	--	--	--	--	--	--
n-Nitrosodi-n-butylamine	**8270C**	--	1.2 U	--	1.2 U	--	--
n-Nitrosodi-n-propylamine	**8270C**	0.33 U	0.35 U	--	0.33 U	--	--
n-Nitrosodiphenylamine	**8270C**	--	0.44 U	--	0.42 U	--	--
n-Nitrosodiphenylamine as Diphenylamine	**8270C**	0.42 U	--	--	--	--	--
n-Nitrosomethylethylamine	**8270C**	--	1.8 U	--	1.7 U	--	--
n-Nitrosomorpholine	**8270C**	--	2 U	--	1.9 U	--	--
n-Nitrosopiperidine	**8270C**	--	2 U	--	1.9 U	--	--
n-Nitrosopyrrolidine	**8270C**	--	0.81 U	--	0.77 U	--	--
o,o,o-Triethylphosphorothioate	**8270C**	--	2 U	--	1.9 U	--	--
o-Cresol	**8270C**	--	0.98 U	--	0.93 U	--	--
o-Tolidine	**8270C**	--	4 U	--	3.8 U	--	--
o-Toluidine	**8270C**	--	1.4 U	--	1.3 U	--	--
p-Chloroaniline	**8270C**	--	2.1 U	--	2 U	--	--
p-Chloro-m-cresol	**8270C**	2.3 U	2.4 U	--	2.3 U	--	--
p-Cresol	**8270C**	--	0.25 U	--	0.24 U	--	--
p-Dimethylaminoazobenzene	**8270C**	--	2 U	--	1.9 U	--	--
Pentachlorobenzene	**8270C**	--	2 U	--	1.9 U	--	--
Pentachloroethane	**8270C**	--	2 U	--	1.9 U	--	--
Pentachloronitrobenzene	**8270C**	--	2 U	--	1.9 U	--	--
Pentachlorophenol	**8270C**	--	0.81 U	--	0.79 U	--	--
Phenacetin	**8270C**	--	1.1 U	--	1 U	--	--
Phenanthrene	**8270C**	0.25 U	0.26 U	--	0.25 U	--	--
Phenanthrene	**8270C SIM**	--	--	--	--	--	--
Phenol	**8270C**	1.9 U	2 U	--	1.9 U	--	--
p-Nitroaniline	**8270C**	--	2 U	--	1.9 U	--	--
p-Phenylenediamine	**8270C**	--	5 UJ	--	4.8 U	--	--
Pronamide	**8270C**	--	2 U	--	1.9 U	--	--
Pyrene	**8270C**	--	0.37 U	--	0.35 U	--	--
Pyrene	**8270C SIM**	--	--	--	--	--	--
Pyridine	**8270C**	--	1.7 U	--	1.6 U	--	--
Safrole	**8270C**	--	1.1 U	--	1.1 U	--	--
sym-Trinitrobenzene	**8270C**	--	4 U	--	3.8 U	--	--
Tetraethyldithiopyrophosphate	**8270C**	--	--	--	--	--	--

TABLE 13
SEMI-VOLATILE ORGANIC COMPOUNDS ANALYTICAL RESULTS, 2012
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

	Well Identifier:	RS-34	RS-34	WS-04A	WS-04A	WS-09A
	SampleType:	Primary	Primary	Primary	Primary	Primary
	Sample Name:	RS-34_020712_01	RS-34_072412_01	WS-04A_013112_01	WS-04A_073012_01	WS-09A_022912_01
	Groundwater Unit:	Shallow	Shallow	Chatsworth	Chatsworth	Chatsworth
	Lab Name:	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
	Collection Date:	2/7/2012	7/24/2012	1/31/2012	7/30/2012	2/29/2012
Analyte (µg/L)	**Method**					
1,2,4,5-Tetrachlorobenzene	**8270C**	1.6 U	--	--	--	--
1,2,4-Trichlorobenzene	**8270C**	0.27 U	--	--	--	--
1,2-Dichlorobenzene	**8270C**	--	--	--	--	--
1,3-Dichlorobenzene	**8270C**	0.29 U	--	--	--	--
1,3-Dinitrobenzene	**8270C**	1.9 U	1.9 U	2.2 U	1.9 U	2 U
1,4-Dichlorobenzene	**8270C**	--	--	--	--	--
1,4-Naphthoquinone	**8270C**	13 U	--	--	--	--
1-Methylnaphthalene	**8270C SIM**	--	--	--	--	--
2,3,4,6-Tetrachlorophenol	**8270C**	1.9 U	--	--	--	--
2,4,5-Trichlorophenol	**8270C**	0.43 U	--	--	--	--
2,4,6-Trichlorophenol	**8270C**	0.28 U	--	--	--	--
2,4-Dichlorophenol	**8270C**	0.61 U	--	--	--	--
2,4-Dimethylphenol	**8270C**	0.55 U	--	--	--	--
2,4-Dinitrophenol	**8270C**	9.5 U	--	--	--	--
2,4-Dinitrotoluene	**8270C**	1.6 U	--	--	--	--
2,6-Dichlorophenol	**8270C**	1.3 U	--	--	--	--
2,6-Dinitrotoluene	**8270C**	1.8 U	--	--	--	--
2-Chloronaphthalene	**8270C**	0.25 U	--	--	--	--
2-Chlorophenol	**8270C**	1.9 U	--	--	--	--
2-Methylnaphthalene	**8270C**	0.28 U	--	--	--	--
2-Methylnaphthalene	**8270C SIM**	--	--	--	--	--
2-Nitroaniline	**8270C**	1.6 U	--	--	--	--
2-Nitrophenol	**8270C**	0.37 U	--	--	--	--
3,3'-Dichlorobenzidine	**8270C**	1.9 U	--	--	--	--
3-Methylcholanthrene	**8270C**	1.6 U	--	--	--	--
3-Nitroaniline	**8270C**	1.9 U	--	--	--	--
4,6-Dinitro-o-cresol	**8270C**	3.8 U	--	--	--	--
4-Aminobiphenyl	**8270C**	4.3 U	--	--	--	--
4-Bromophenylphenylether	**8270C**	0.41 U	--	--	--	--
4-Chlorophenylphenylether	**8270C**	1.6 U	--	--	--	--
4-Nitrophenol	**8270C**	1.2 U	--	--	--	--
4-Nitroquinoline-1-oxide	**8270C**	19 U	--	--	--	--
5-Nitro-o-toluidine	**8270C**	1.3 U	--	--	--	--
7,12-Dimethylbenz(a)anthracene	**8270C**	1.5 U	--	--	--	--
Acenaphthene	**8270C**	0.27 U	--	--	--	--
Acenaphthene	**8270C SIM**	--	--	--	--	--
Acenaphthylene	**8270C**	0.47 U	--	--	--	--
Acenaphthylene	**8270C SIM**	--	--	--	--	--
Acetamidofluorene	**8270C**	6.7 U	--	--	--	--
Acetophenone	**8270C**	0.23 U	--	--	--	--
alpha,alpha-Dimethylphenethylamine	**8270C**	19 U	--	--	--	--
alpha-Naphthylamine	**8270C**	3 U	--	--	--	--
alpha-Picoline	**8270C**	1.1 U	--	--	--	--
Aniline	**8270C**	1.9 U	--	--	--	--
Anthracene	**8270C**	0.4 U	--	--	--	--
Anthracene	**8270C SIM**	--	--	--	--	--
Aramite	**8270C**	8.8 U	--	--	--	--
Benzidine	**8270C**	--	--	--	--	--
Benzo(a)anthracene	**8270C**	0.33 U	--	--	--	--
Benzo(a)anthracene	**8270C SIM**	--	--	--	--	--
Benzo(a)pyrene	**8270C**	0.3 U	--	--	--	--
Benzo(a)pyrene	**8270C SIM**	--	--	--	--	--
Benzo(b)fluoranthene	**8270C**	0.51 U	--	--	--	--
Benzo(b)fluoranthene	**8270C SIM**	--	--	--	--	--
Benzo(ghi)perylene	**8270C**	0.48 U	--	--	--	--
Benzo(ghi)perylene	**8270C SIM**	--	--	--	--	--
Benzo(k)fluoranthene	**8270C**	0.44 U	--	--	--	--
Benzo(k)fluoranthene	**8270C SIM**	--	--	--	--	--
Benzoicacid	**8270C**	--	--	--	--	--
Benzylalcohol	**8270C**	0.22 U	--	--	--	--
beta-Naphthylamine	**8270C**	2.9 U	--	--	--	--
bis(2-Chloroethoxy)methane	**8270C**	0.92 U	--	--	--	--
bis(2-Chloroethyl)ether	**8270C**	0.39 U	--	--	--	--
bis(2-Chloroisopropyl)ether	**8270C**	0.27 U	--	--	--	--
bis(2-Ethylhexyl)phthalate	**8270C**	0.53 U	--	0.61 U	0.53 U	2.6 J
bis(2-Ethylhexyl)phthalate	**8270C SIM**	--	--	--	--	--
Butylbenzylphthalate	**8270C**	0.95 U	--	1.1 U	0.95 U	1 U
Butylbenzylphthalate	**8270C SIM**	--	--	--	--	--
Chrysene	**8270C**	0.51 U	--	--	--	--
Chrysene	**8270C SIM**	--	--	--	--	--
Dibenzo(a,h)anthracene	**8270C**	0.49 U	--	--	--	--
Dibenzo(a,h)anthracene	**8270C SIM**	--	--	--	--	--
Dibenzofuran	**8270C**	0.28 U	--	--	--	--

TABLE 13
SEMI-VOLATILE ORGANIC COMPOUNDS ANALYTICAL RESULTS, 2012
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

	Well Identifier:	RS-34	RS-34	WS-04A	WS-04A	WS-09A
	SampleType:	Primary	Primary	Primary	Primary	Primary
	Sample Name:	RS-34_020712_01	RS-34_072412_01	WS-04A_013112_01	WS-04A_073012_01	WS-09A_022912_01
	Groundwater Unit:	Shallow	Shallow	Chatsworth	Chatsworth	Chatsworth
	Lab Name:	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
	Collection Date:	2/7/2012	7/24/2012	1/31/2012	7/30/2012	2/29/2012
Analyte (µg/L)	**Method**					
Diethylphthalate	**8270C**	0.36 U	--	0.41 U	0.36 U	0.38 U
Diethylphthalate	**8270C SIM**	--	--	--	--	--
Dimethylphthalate	**8270C**	0.2 U	--	0.23 U	0.2 U	0.21 U
Dimethylphthalate	**8270C SIM**	--	--	--	--	--
Di-n-butylphthalate	**8270C**	1.1 U	--	1.3 U	1.1 U	1.2 U
Di-n-butylphthalate	**8270C SIM**	--	--	--	--	--
Di-n-octylphthalate	**8270C**	0.33 U	--	0.38 U	0.33 U	0.35 U
Di-n-octylphthalate	**8270C SIM**	--	--	--	--	--
Diphenylamine	**8270C**	1 U	--	--	--	--
Ethylmethanesulfonate	**8270C**	0.9 U	--	--	--	--
Famphur	**8270C**	--	--	--	--	--
Fluoranthene	**8270C**	0.19 U	--	--	--	--
Fluoranthene	**8270C SIM**	--	--	--	--	--
Fluorene	**8270C**	0.3 U	--	--	--	--
Fluorene	**8270C SIM**	--	--	--	--	--
Formaldehyde	**8315**	50 U	50 U	15 J	50 UJ	50 U
Formaldehyde	**8315A**	--	--	--	--	--
Hexachlorobenzene	**8270C**	0.63 U	--	--	--	--
Hexachlorobutadiene	**8270C**	3.1 U	--	--	--	--
Hexachlorocyclopentadiene	**8270C**	1.5 U	--	--	--	--
Hexachloroethane	**8270C**	2 U	--	--	--	--
Hexachlorophene	**8151A**	--	--	--	--	--
Hexachlorophene	**8321A**	0.49 U	--	--	--	--
Hexachloropropene	**8270C**	1.9 U	--	--	--	--
Indeno(1,2,3-cd)pyrene	**8270C**	0.62 U	--	--	--	--
Indeno(1,2,3-cd)pyrene	**8270C SIM**	--	--	--	--	--
Isodrin	**8270C**	1.7 U	--	--	--	--
Isophorone	**8270C**	0.2 U	--	--	--	--
Isosafrole	**8270C**	0.95 U	--	--	--	--
m+pCresol	**8270C**	--	--	--	--	--
m-Cresol	**8270C**	0.24 U	--	--	--	--
Methapyrilene	**8270C**	19 U	--	--	--	--
Methylmethanesulfonate	**8270C**	0.95 U	--	--	--	--
Naphthalene	**8270C**	0.28 U	--	--	--	--
Naphthalene	**8270C SIM**	--	--	--	--	--
Nitrobenzene	**8270C**	0.77 U	0.77 U	0.88 U	0.77 U	0.81 U
n-Nitrosodiethylamine	**8270C**	1.6 U	--	--	--	--
n-Nitrosodimethylamine	**1625M**	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
n-Nitrosodimethylamine	**8270C**	0.28 U	--	--	--	--
n-Nitrosodimethylamine	**8270C SIM**	--	--	--	--	--
n-Nitrosodi-n-butylamine	**8270C**	1.2 U	--	--	--	--
n-Nitrosodi-n-propylamine	**8270C**	0.33 U	--	--	--	--
n-Nitrosodiphenylamine	**8270C**	0.42 U	--	--	--	--
n-Nitrosodiphenylamine as Diphenylamine	**8270C**	--	--	--	--	--
n-Nitrosomethylethylamine	**8270C**	1.7 U	--	--	--	--
n-Nitrosomorpholine	**8270C**	1.9 U	--	--	--	--
n-Nitrosopiperidine	**8270C**	1.9 U	--	--	--	--
n-Nitrosopyrrolidine	**8270C**	0.77 U	--	--	--	--
o,o,o-Triethylphosphorothioate	**8270C**	1.9 U	--	--	--	--
o-Cresol	**8270C**	0.93 U	--	--	--	--
o-Tolidine	**8270C**	3.8 U	--	--	--	--
o-Toluidine	**8270C**	1.3 U	--	--	--	--
p-Chloroaniline	**8270C**	2 U	--	--	--	--
p-Chloro-m-cresol	**8270C**	2.3 U	--	--	--	--
p-Cresol	**8270C**	0.24 U	--	--	--	--
p-Dimethylaminoazobenzene	**8270C**	1.9 U	--	--	--	--
Pentachlorobenzene	**8270C**	1.9 U	--	--	--	--
Pentachloroethane	**8270C**	1.9 U	--	--	--	--
Pentachloronitrobenzene	**8270C**	1.9 U	--	--	--	--
Pentachlorophenol	**8270C**	0.78 U	--	--	--	--
Phenacetin	**8270C**	1 U	--	--	--	--
Phenanthrene	**8270C**	0.25 U	--	--	--	--
Phenanthrene	**8270C SIM**	--	--	--	--	--
Phenol	**8270C**	1.9 U	--	--	--	--
p-Nitroaniline	**8270C**	1.9 U	--	--	--	--
p-Phenylenediamine	**8270C**	4.8 U	--	--	--	--
Pronamide	**8270C**	1.9 U	--	--	--	--
Pyrene	**8270C**	0.35 U	--	--	--	--
Pyrene	**8270C SIM**	--	--	--	--	--
Pyridine	**8270C**	1.6 U	--	--	--	--
Safrole	**8270C**	1.1 U	--	--	--	--
sym-Trinitrobenzene	**8270C**	3.8 U	--	--	--	--
Tetraethyldithiopyrophosphate	**8270C**	--	--	--	--	--

TABLE 13
SEMI-VOLATILE ORGANIC COMPOUNDS ANALYTICAL RESULTS, 2012
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

	Well Identifier:	WS-09A	WS-11
	SampleType:	Primary	Primary
	Sample Name:	WS-09A_072012_01	WS-11_091012_01
	Groundwater Unit:	Chatsworth	Chatsworth
	Lab Name:	TA- Denver	TA- Denver
	Collection Date:	7/20/2012	9/10/2012
Analyte (µg/L)	**Method**		
1,2,4,5-Tetrachlorobenzene	8270C	--	--
1,2,4-Trichlorobenzene	8270C	--	--
1,2-Dichlorobenzene	8270C	--	--
1,3-Dichlorobenzene	8270C	--	--
1,3-Dinitrobenzene	8270C	1.9 U	--
1,4-Dichlorobenzene	8270C	--	--
1,4-Naphthoquinone	8270C	--	--
1-Methylnaphthalene	8270C SIM	--	--
2,3,4,6-Tetrachlorophenol	8270C	--	--
2,4,5-Trichlorophenol	8270C	--	--
2,4,6-Trichlorophenol	8270C	--	--
2,4-Dichlorophenol	8270C	--	--
2,4-Dimethylphenol	8270C	--	--
2,4-Dinitrophenol	8270C	--	--
2,4-Dinitrotoluene	8270C	--	--
2,6-Dichlorophenol	8270C	--	--
2,6-Dinitrotoluene	8270C	--	--
2-Chloronaphthalene	8270C	--	--
2-Chlorophenol	8270C	--	--
2-Methylnaphthalene	8270C	--	--
2-Methylnaphthalene	8270C SIM	--	--
2-Nitroaniline	8270C	--	--
2-Nitrophenol	8270C	--	--
3,3'-Dichlorobenzidine	8270C	--	--
3-Methylcholanthrene	8270C	--	--
3-Nitroaniline	8270C	--	--
4,6-Dinitro-o-cresol	8270C	--	--
4-Aminobiphenyl	8270C	--	--
4-Bromophenylphenylether	8270C	--	--
4-Chlorophenylphenylether	8270C	--	--
4-Nitrophenol	8270C	--	--
4-Nitroquinoline-1-oxide	8270C	--	--
5-Nitro-o-toluidine	8270C	--	--
7,12-Dimethylbenz(a)anthracene	8270C	--	--
Acenaphthene	8270C	--	--
Acenaphthene	8270C SIM	--	--
Acenaphthylene	8270C	--	--
Acenaphthylene	8270C SIM	--	--
Acetamidofluorene	8270C	--	--
Acetophenone	8270C	--	--
alpha,alpha-Dimethylphenethylamine	8270C	--	--
alpha-Naphthylamine	8270C	--	--
alpha-Picoline	8270C	--	--
Aniline	8270C	--	--
Anthracene	8270C	--	--
Anthracene	8270C SIM	--	--
Aramite	8270C	--	--
Benzidine	8270C	--	--
Benzo(a)anthracene	8270C	--	--
Benzo(a)anthracene	8270C SIM	--	--
Benzo(a)pyrene	8270C	--	--
Benzo(a)pyrene	8270C SIM	--	--
Benzo(b)fluoranthene	8270C	--	--
Benzo(b)fluoranthene	8270C SIM	--	--
Benzo(ghi)perylene	8270C	--	--
Benzo(ghi)perylene	8270C SIM	--	--
Benzo(k)fluoranthene	8270C	--	--
Benzo(k)fluoranthene	8270C SIM	--	--
Benzoicacid	8270C	--	--
Benzylalcohol	8270C	--	--
beta-Naphthylamine	8270C	--	--
bis(2-Chloroethoxy)methane	8270C	--	--
bis(2-Chloroethyl)ether	8270C	--	--
bis(2-Chloroisopropyl)ether	8270C	--	--
bis(2-Ethylhexyl)phthalate	8270C	9.5 U	--
bis(2-Ethylhexyl)phthalate	8270C SIM	--	--
Butylbenzylphthalate	8270C	0.95 U	--
Butylbenzylphthalate	8270C SIM	--	--
Chrysene	8270C	--	--
Chrysene	8270C SIM	--	--
Dibenzo(a,h)anthracene	8270C	--	--
Dibenzo(a,h)anthracene	8270C SIM	--	--
Dibenzofuran	8270C	--	--

TABLE 13
SEMI-VOLATILE ORGANIC COMPOUNDS ANALYTICAL RESULTS, 2012
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

	Well Identifier:	WS-09A	WS-11
	SampleType:	Primary	Primary
	Sample Name:	WS-09A_072012_01	WS-11_091012_01
	Groundwater Unit:	Chatsworth	Chatsworth
	Lab Name:	TA- Denver	TA- Denver
	Collection Date:	7/20/2012	9/10/2012
Analyte (µg/L)	**Method**		
Diethylphthalate	**8270C**	0.36 U	--
Diethylphthalate	**8270C SIM**	--	--
Dimethylphthalate	**8270C**	0.2 U	--
Dimethylphthalate	**8270C SIM**	--	--
Di-n-butylphthalate	**8270C**	1.1 U	--
Di-n-butylphthalate	**8270C SIM**	--	--
Di-n-octylphthalate	**8270C**	0.33 U	--
Di-n-octylphthalate	**8270C SIM**	--	--
Diphenylamine	**8270C**	--	--
Ethylmethanesulfonate	**8270C**	--	--
Famphur	**8270C**	--	--
Fluoranthene	**8270C**	--	--
Fluoranthene	**8270C SIM**	--	--
Fluorene	**8270C**	--	--
Fluorene	**8270C SIM**	--	--
Formaldehyde	**8315**	50 U	27 J
Formaldehyde	**8315A**	--	--
Hexachlorobenzene	**8270C**	--	--
Hexachlorobutadiene	**8270C**	--	--
Hexachlorocyclopentadiene	**8270C**	--	--
Hexachloroethane	**8270C**	--	--
Hexachlorophene	**8151A**	--	--
Hexachlorophene	**8321A**	--	--
Hexachloropropene	**8270C**	--	--
Indeno(1,2,3-cd)pyrene	**8270C**	--	--
Indeno(1,2,3-cd)pyrene	**8270C SIM**	--	--
Isodrin	**8270C**	--	--
Isophorone	**8270C**	--	--
Isosafrole	**8270C**	--	--
m+pCresol	**8270C**	--	--
m-Cresol	**8270C**	--	--
Methapyrilene	**8270C**	--	--
Methylmethanesulfonate	**8270C**	--	--
Naphthalene	**8270C**	--	--
Naphthalene	**8270C SIM**	--	--
Nitrobenzene	**8270C**	0.77 U	--
n-Nitrosodiethylamine	**8270C**	--	--
n-Nitrosodimethylamine	**1625M**	0.005 UJ	--
n-Nitrosodimethylamine	**8270C**	--	--
n-Nitrosodimethylamine	**8270C SIM**	--	--
n-Nitrosodi-n-butylamine	**8270C**	--	--
n-Nitrosodi-n-propylamine	**8270C**	--	--
n-Nitrosodiphenylamine	**8270C**	--	--
n-Nitrosodiphenylamine as Diphenylamine	**8270C**	--	--
n-Nitrosomethylethylamine	**8270C**	--	--
n-Nitrosomorpholine	**8270C**	--	--
n-Nitrosopiperidine	**8270C**	--	--
n-Nitrosopyrrolidine	**8270C**	--	--
o,o,o-Triethylphosphorothioate	**8270C**	--	--
o-Cresol	**8270C**	--	--
o-Tolidine	**8270C**	--	--
o-Toluidine	**8270C**	--	--
p-Chloroaniline	**8270C**	--	--
p-Chloro-m-cresol	**8270C**	--	--
p-Cresol	**8270C**	--	--
p-Dimethylaminoazobenzene	**8270C**	--	--
Pentachlorobenzene	**8270C**	--	--
Pentachloroethane	**8270C**	--	--
Pentachloronitrobenzene	**8270C**	--	--
Pentachlorophenol	**8270C**	--	--
Phenacetin	**8270C**	--	--
Phenanthrene	**8270C**	--	--
Phenanthrene	**8270C SIM**	--	--
Phenol	**8270C**	--	--
p-Nitroaniline	**8270C**	--	--
p-Phenylenediamine	**8270C**	--	--
Pronamide	**8270C**	--	--
Pyrene	**8270C**	--	--
Pyrene	**8270C SIM**	--	--
Pyridine	**8270C**	--	--
Safrole	**8270C**	--	--
sym-Trinitrobenzene	**8270C**	--	--
Tetraethyldithiopyrophosphate	**8270C**	--	--

NOTES AND ABBREVIATIONS

Chatsworth - Chatsworth Formation groundwater unit
Shallow - Near-surface groundwater unit

µg/L - micrograms per liter

-- Not available
SIM - selective ion monitoring
TA - TestAmerica
J - Result is estimated
R - Result is rejected
U - Not detected above the method detection limit (MDL) or reporting limit (RL)
UJ - The result is not detected; however, the RL/MDL is estimated

TABLE 14
PERCHLORATE ANALYTICAL RESULTS, 2012
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:	Sample Type:	Sample Name:	Groundwater Unit:	Lab Name:	Collection Date:	Perchlorate (µg/L)	
						314.0	6860
ES-17	Primary	ES-17_020312_01	Shallow	TA- Denver	2/3/2012	0.28 U	--
ES-17	Primary	ES-17_080712_01	Shallow	TA- Denver	8/7/2012	0.28 U	--
ES-24	Primary	ES-24_012412_01	Shallow	TA- Denver	1/24/2012	0.28 U	--
ES-24	Primary	ES-24_080812_01	Shallow	TA- Denver	8/8/2012	--	0.13
ES-26	Primary	ES-26_021512_01	Shallow	TA- Denver	2/15/2012	0.28 U	--
ES-26	Field Duplicate	ES-26_021512_36	Shallow	TA- Denver	2/15/2012	0.28 U	--
ES-27	Primary	ES-27_020112_01	Shallow	TA- Denver	2/1/2012	0.28 U	--
ES-27	Primary	ES-27_080712_01	Shallow	TA- Denver	8/7/2012	0.28 U	--
HAR-01	Primary	HAR-01_020812_01	Chatsworth	TA- Denver	2/8/2012	35	35 R
HAR-01	Primary	HAR-01_080312_01	Chatsworth	TA- Denver	8/3/2012	38	--
HAR-05	Primary	HAR-05_021012_01	Chatsworth	TA- Denver	2/10/2012	0.28 U	--
HAR-05	Primary	HAR-05_072412_01	Chatsworth	TA- Denver	7/24/2012	0.28 U	--
HAR-07	Primary	HAR-07_013112_01	Chatsworth	TA- Denver	1/31/2012	0.28 U	--
HAR-07	Field Duplicate	HAR-07_013112_36	Chatsworth	TA- Denver	1/31/2012	0.28 U	--
HAR-07	Primary	HAR-07_072612_01	Chatsworth	TA- Denver	7/26/2012	0.28 U	--
HAR-08	Primary	HAR-08_012712_01	Chatsworth	TA- Denver	1/27/2012	0.28 U	--
HAR-08	Primary	HAR-08_072712_01	Chatsworth	TA- Denver	7/27/2012	0.28 U	--
HAR-09	Primary	HAR-09_012512_01	Shallow	TA- Denver	1/25/2012	0.28 U	--
HAR-09	Split	HAR-09_012512_03	Shallow	TA- Irvine	1/25/2012	0.95 U	--
HAR-09	Primary	HAR-09_071612_01	Shallow	TA- Denver	7/16/2012	0.28 U	--
HAR-11	Primary	HAR-11_020712_01	Shallow	TA- Denver	2/7/2012	0.28 U	--
HAR-11	Primary	HAR-11_072612_01	Shallow	TA- Denver	7/26/2012	0.28 U	--
HAR-12	Primary	HAR-12_020912_01	Shallow	TA- Denver	2/9/2012	0.28 U	--
HAR-12	Primary	HAR-12_071612_01	Shallow	TA- Denver	7/16/2012	0.28 U	--
HAR-13	Primary	HAR-13_020912_01	Shallow	TA- Denver	2/9/2012	0.64 J	0.77 R
HAR-14	Primary	HAR-14_020912_01	Shallow	TA- Denver	2/9/2012	0.28 U	--
HAR-14	Primary	HAR-14_071612_01	Shallow	TA- Denver	7/16/2012	0.28 U	--
HAR-15	Primary	HAR-15_012412_01	Shallow	TA- Denver	1/24/2012	0.28 U	--
HAR-15	Primary	HAR-15_072412_01	Shallow	TA- Denver	7/24/2012	0.28 U	--
HAR-16	Primary	HAR-16_012312_01	Chatsworth	TA- Denver	1/23/2012	170	170 R
HAR-16	Primary	HAR-16_072312_01	Chatsworth	TA- Denver	7/23/2012	140	--
HAR-19	Primary	HAR-19_020112_01	Chatsworth	TA- Denver	2/1/2012	0.28 U	--
HAR-19	Field Duplicate	HAR-19_020112_36	Chatsworth	TA- Denver	2/1/2012	0.28 U	--
HAR-19	Primary	HAR-19_072612_01	Chatsworth	TA- Denver	7/26/2012	0.28 U	--
HAR-19	Field Duplicate	HAR-19_072612_36	Chatsworth	TA- Denver	7/26/2012	0.28 U	--
HAR-20	Primary	HAR-20_012312_01	Chatsworth	TA- Denver	1/23/2012	0.28 U	--
HAR-20	Primary	HAR-20_072312_01	Chatsworth	TA- Denver	7/23/2012	0.28 U	--
HAR-21	Primary	HAR-21_012512_01	Chatsworth	TA- Denver	1/25/2012	0.28 U	--
HAR-21	Primary	HAR-21_071612_01	Chatsworth	TA- Denver	7/16/2012	0.28 U	--
HAR-23	Primary	HAR-23_021012_01	Chatsworth	TA- Denver	2/10/2012	0.28 U	--
HAR-23	Primary	HAR-23_072412_01	Chatsworth	TA- Denver	7/24/2012	0.28 U	--
HAR-25	Primary	HAR-25_021012_01	Chatsworth	TA- Denver	2/10/2012	7.5	7.2 R
HAR-25	Primary	HAR-25_080112_01	Chatsworth	TA- Denver	8/1/2012	10	--
HAR-26	Primary	HAR-26_020912_01	Chatsworth	TA- Denver	2/9/2012	0.28 U	--
HAR-26	Primary	HAR-26_073112_01	Chatsworth	TA- Denver	7/31/2012	0.8 J	--
HAR-27	Primary	HAR-27_012712_01	Shallow	TA- Denver	1/27/2012	0.28 U	--
HAR-27	Primary	HAR-27_072712_01	Shallow	TA- Denver	7/27/2012	0.28 U	--
HAR-28	Primary	HAR-28_012712_01	Shallow	TA- Denver	1/27/2012	0.28 U	--
HAR-28	Primary	HAR-28_072712_01	Shallow	TA- Denver	7/27/2012	0.28 U	--
HAR-29	Primary	HAR-29_012712_01	Shallow	TA- Denver	1/27/2012	0.28 U	--
HAR-29	Primary	HAR-29_072712_01	Shallow	TA- Denver	7/27/2012	0.28 U	--
HAR-30	Primary	HAR-30_020712_01	Shallow	TA- Denver	2/7/2012	0.28 U	--
HAR-30	Primary	HAR-30_072412_01	Shallow	TA- Denver	7/24/2012	0.28 U	--
HAR-30	Field Duplicate	HAR-30_072412_36	Shallow	TA- Denver	7/24/2012	0.28 U	--
HAR-31	Primary	HAR-31_012412_01	Shallow	TA- Denver	1/24/2012	0.28 U	--
HAR-32	Primary	HAR-32_021412_01	Shallow	TA- Denver	2/14/2012	0.28 U	--
HAR-32	Primary	HAR-32_080812_01	Shallow	TA- Denver	8/8/2012	0.28 U	--
HAR-33	Primary	HAR-33_021512_01	Shallow	TA- Denver	2/15/2012	0.28 U	--
HAR-33	Primary	HAR-33_080812_01	Shallow	TA- Denver	8/8/2012	0.28 U	--
PZ-060	Primary	PZ-060_011312_01	Shallow	TA- Denver	1/13/2012	0.28 U	--

TABLE 14
PERCHLORATE ANALYTICAL RESULTS, 2012
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:	Sample Type:	Sample Name:	Groundwater Unit:	Lab Name:	Collection Date:	Perchlorate (µg/L)	
						314.0	6860
PZ-060	Primary	PZ-060_072612_01A	Shallow	TA- Denver	7/26/2012	0.28 U	--
RD-01	Primary	RD-01_013112_01	Chatsworth	TA- Denver	1/31/2012	0.28 U	--
RD-01	Primary	RD-01_071712_01	Chatsworth	TA- Denver	7/17/2012	0.28 U	--
RD-03	Primary	RD-03_011312_01	Chatsworth	TA- Denver	1/13/2012	0.28 U	--
RD-03	Primary	RD-03_072012_01	Chatsworth	TA- Denver	7/20/2012	0.28 U	--
RD-05A	Primary	RD-05A_012512_01	Chatsworth	TA- Denver	1/25/2012	0.28 U	--
RD-05A	Primary	RD-05A_071712_01	Chatsworth	TA- Denver	7/17/2012	--	0.0088 U
RD-05B	Primary	RD-05B_012512_01	Chatsworth	TA- Denver	1/25/2012	0.28 U	--
RD-05B	Primary	RD-05B_071712_01	Chatsworth	TA- Denver	7/17/2012	--	0.0088 U
RD-05C	Primary	RD-05C_012512_01	Chatsworth	TA- Denver	1/25/2012	0.28 U	--
RD-05C	Primary	RD-05C_071712_01	Chatsworth	TA- Denver	7/17/2012	--	0.0088 U
RD-06	Primary	RD-06_013112_01	Chatsworth	TA- Denver	1/31/2012	0.28 U	--
RD-06	Primary	RD-06_072012_01	Chatsworth	TA- Denver	7/20/2012	--	0.0088 U
RD-08	Primary	RD-08_020912_01	Chatsworth	TA- Denver	2/9/2012	0.28 U	--
RD-08	Primary	RD-08_073012_01	Chatsworth	TA- Denver	7/30/2012	0.28 U	--
RD-10	Primary	RD-10_011712_01	Chatsworth	TA- Denver	1/17/2012	110	93 R
RD-10	Primary	RD-10_072312_01	Chatsworth	TA- Denver	7/23/2012	74	--
RD-11	Primary	RD-11_012612_01	Chatsworth	TA- Denver	1/26/2012	0.28 U	--
RD-11	Primary	RD-11_080312_01	Chatsworth	TA- Denver	8/3/2012	0.28 U	--
RD-12	Primary	RD-12_012612_01	Chatsworth	TA- Denver	1/26/2012	0.28 U	--
RD-12	Primary	RD-12_080312_01	Chatsworth	TA- Denver	8/3/2012	0.28 U	--
RD-32	Primary	RD-32_013012_01	Chatsworth	TA- Denver	1/30/2012	0.28 U	--
RD-32	Primary	RD-32_080212_01	Chatsworth	TA- Denver	8/2/2012	--	0.0088 U
RD-32	Split	RD-32_080212_03	Chatsworth	TA- Irvine	8/2/2012	--	0.1 U
RD-33A (Port 3)	Primary	RD-33A_020112_01	Chatsworth	TA- Denver	2/1/2012	1.2 J	0.016 R
RD-33B	Primary	RD-33B_011912_01	Chatsworth	TA- Denver	1/19/2012	0.28 U	--
RD-33C	Primary	RD-33C_011912_01	Chatsworth	TA- Denver	1/19/2012	0.28 U	--
RD-35A	Primary	RD-35A_012412_01	Chatsworth	TA- Denver	1/24/2012	0.28 U	--
RD-35A	Primary	RD-35A_080612_01	Chatsworth	TA- Denver	8/6/2012	0.84 J	--
RD-35B	Primary	RD-35B_012412_01	Chatsworth	TA- Denver	1/24/2012	0.28 U	--
RD-35B	Primary	RD-35B_080612_01	Chatsworth	TA- Denver	8/6/2012	0.28 U	--
RD-36B	Primary	RD-36B_020312_01	Chatsworth	TA- Denver	2/3/2012	0.28 U	--
RD-36B	Primary	RD-36B_080612_01	Chatsworth	TA- Denver	8/6/2012	--	0.37
RD-36C	Primary	RD-36C_020612_01	Chatsworth	TA- Denver	2/6/2012	0.28 U	--
RD-36C	Field Duplicate	RD-36C_020612_36	Chatsworth	TA- Denver	2/6/2012	0.28 U	--
RD-36C	Primary	RD-36C_080612_01	Chatsworth	TA- Denver	8/6/2012	--	0.0088 U
RD-36D	Primary	RD-36D_020312_01	Chatsworth	TA- Denver	2/3/2012	0.28 U	--
RD-36D	Primary	RD-36D_080612_01	Chatsworth	TA- Denver	8/6/2012	--	0.0088 U
RD-37	Primary	RD-37_020612_01	Chatsworth	TA- Denver	2/6/2012	0.28 U	--
RD-37	Field Duplicate	RD-37_020612_36	Chatsworth	TA- Denver	2/6/2012	0.28 U	--
RD-37	Primary	RD-37_080812_01	Chatsworth	TA- Denver	8/8/2012	--	0.0088 U
RD-38B	Primary	RD-38B_020212_01	Chatsworth	TA- Denver	2/2/2012	0.28 U	--
RD-38B	Primary	RD-38B_080712_01	Chatsworth	TA- Denver	8/7/2012	--	0.0088 U
RD-38B	Field Duplicate	RD-38B_080712_36	Chatsworth	TA- Denver	8/7/2012	--	0.0088 U
RD-39B	Primary	RD-39B_020912_01	Chatsworth	TA- Denver	2/9/2012	0.28 U	--
RD-39B	Primary	RD-39B_080712_01	Chatsworth	TA- Denver	8/7/2012	--	0.0088 U
RD-41A	Primary	RD-41A_012712_01	Chatsworth	TA- Denver	1/27/2012	0.28 U	--
RD-43A	Primary	RD-43A_012012_01	Chatsworth	TA- Denver	1/20/2012	0.28 U	--
RD-43A	Primary	RD-43A_080112_01	Chatsworth	TA- Denver	8/1/2012	--	0.0088 U
RD-43B	Primary	RD-43B_012012_01	Chatsworth	TA- Denver	1/20/2012	0.28 U	--
RD-43B	Primary	RD-43B_080112_01	Chatsworth	TA- Denver	8/1/2012	--	0.0088 U
RD-43C	Primary	RD-43C_012012_01	Chatsworth	TA- Denver	1/20/2012	0.28 U	--
RD-43C	Primary	RD-43C_080112_01	Chatsworth	TA- Denver	8/1/2012	--	0.0088 U
RD-43C	Field Duplicate	RD-43C_080112_36	Chatsworth	TA- Denver	8/1/2012	--	0.0088 U
RD-45A	Primary	RD-45A_021412_01	Chatsworth	TA- Denver	2/14/2012	0.28 U	--
RD-45A	Primary	RD-45A_072512_01	Chatsworth	TA- Denver	7/25/2012	0.28 U	--
RD-45B	Primary	RD-45B_021412_01	Chatsworth	TA- Denver	2/14/2012	0.28 U	--
RD-45B	Primary	RD-45B_072512_01	Chatsworth	TA- Denver	7/25/2012	0.28 U	--
RD-45C	Primary	RD-45C_021412_01	Chatsworth	TA- Denver	2/14/2012	0.28 U	--
RD-45C	Primary	RD-45C_072512_01	Chatsworth	TA- Denver	7/25/2012	0.28 U	--

TABLE 14
PERCHLORATE ANALYTICAL RESULTS, 2012
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:	Sample Type:	Sample Name:	Groundwater Unit:	Lab Name:	Collection Date:	Perchlorate (µg/L)	
						314.0	6860
RD-46A	Primary	RD-46A_020112_01	Chatsworth	TA- Denver	2/1/2012	0.28 U	--
RD-46A	Primary	RD-46A_072012_01	Chatsworth	TA- Denver	7/20/2012	0.28 U	--
RD-46B	Primary	RD-46B_020112_01	Chatsworth	TA- Denver	2/1/2012	5.1	0.0088 R
RD-46B	Primary	RD-46B_072012_01	Chatsworth	TA- Denver	7/20/2012	0.28 U	--
RD-48A	Primary	RD-48A_073112_01	Chatsworth	TA- Denver	7/31/2012	--	0.0088 U
RD-48B	Primary	RD-48B_012612_01	Chatsworth	TA- Denver	1/26/2012	0.28 U	--
RD-48B	Primary	RD-48B_073112_01	Chatsworth	TA- Denver	7/31/2012	--	0.0088 U
RD-48C	Primary	RD-48C_012612_01	Chatsworth	TA- Denver	1/26/2012	0.28 U	--
RD-48C	Primary	RD-48C_073112_01	Chatsworth	TA- Denver	7/31/2012	--	0.0088 U
RD-49A	Primary	RD-49A_021312_01	Chatsworth	TA- Denver	2/13/2012	0.28 U	--
RD-49B	Primary	RD-49B_021312_01	Chatsworth	TA- Denver	2/13/2012	0.28 U	--
RD-49C	Primary	RD-49C_021312_01	Chatsworth	TA- Denver	2/13/2012	0.28 U	--
RD-49C	Primary	RD-49C_072612_01	Chatsworth	TA- Denver	7/26/2012	0.28 U	--
RD-50 (Port 2)	Primary	RD-50_012612_01	Chatsworth	TA- Denver	1/26/2012	1.8 J	0.49 R
RD-50 (Port 2)	Split	RD-50_012612_03A	Chatsworth	TA- Irvine	1/26/2012	0.95 U	--
RD-51A	Primary	RD-51A_020312_01	Chatsworth	TA- Denver	2/3/2012	0.28 U	--
RD-51A	Primary	RD-51A_071812_01	Chatsworth	TA- Denver	7/18/2012	0.28 U	--
RD-51B	Primary	RD-51B_020312_01	Chatsworth	TA- Denver	2/3/2012	0.28 U	--
RD-51B	Primary	RD-51B_071812_01	Chatsworth	TA- Denver	7/18/2012	0.28 U	--
RD-51C	Primary	RD-51C_020612_01	Chatsworth	TA- Denver	2/6/2012	0.28 U	--
RD-51C	Primary	RD-51C_071812_01	Chatsworth	TA- Denver	7/18/2012	0.28 U	--
RD-52A	Primary	RD-52A_020612_01	Chatsworth	TA- Denver	2/6/2012	0.28 U	--
RD-52A	Primary	RD-52A_071912_01	Chatsworth	TA- Denver	7/19/2012	0.28 U	--
RD-52B	Primary	RD-52B_020612_01	Chatsworth	TA- Denver	2/6/2012	0.28 U	--
RD-52B	Primary	RD-52B_071912_01	Chatsworth	TA- Denver	7/19/2012	0.28 U	--
RD-52C	Primary	RD-52C_020612_01	Chatsworth	TA- Denver	2/6/2012	0.28 U	--
RD-52C	Primary	RD-52C_071912_01	Chatsworth	TA- Denver	7/19/2012	0.28 U	--
RD-53	Primary	RD-53_020612_01	Chatsworth	TA- Denver	2/6/2012	0.28 U	--
RD-53	Primary	RD-53_080212_01	Chatsworth	TA- Denver	8/2/2012	0.28 U	--
RD-54A (Port 2)	Primary	RD-54A_012612_01	Chatsworth	TA- Denver	1/26/2012	0.28 U	--
RD-55A	Primary	RD-55A_021412_01	Chatsworth	TA- Denver	2/14/2012	0.28 U	0.49 R
RD-55A	Field Duplicate	RD-55A_021412_36	Chatsworth	TA- Denver	2/14/2012	0.41 J	0.47 R
RD-55A	Primary	RD-55A_072512_01	Chatsworth	TA- Denver	7/25/2012	0.28 U	--
RD-55B	Primary	RD-55B_021412_01	Chatsworth	TA- Denver	2/14/2012	0.28 U	--
RD-55B	Primary	RD-55B_072512_01	Chatsworth	TA- Denver	7/25/2012	0.28 U	--
RD-57 (Port 7)	Primary	RD-57_012712_01	Chatsworth	TA- Denver	1/27/2012	0.28 U	--
RD-58A	Primary	RD-58A_012412_01	Chatsworth	TA- Denver	1/24/2012	0.28 U	--
RD-58A	Primary	RD-58A_071812_01	Chatsworth	TA- Denver	7/18/2012	0.28 U	--
RD-58A	Field Duplicate	RD-58A_071812_36	Chatsworth	TA- Denver	7/18/2012	0.28 U	--
RD-58B	Primary	RD-58B_012412_01	Chatsworth	TA- Denver	1/24/2012	0.28 U	--
RD-58B	Primary	RD-58B_071812_01	Chatsworth	TA- Denver	7/18/2012	0.28 U	--
RD-58C	Primary	RD-58C_012412_01	Chatsworth	TA- Denver	1/24/2012	0.28 U	--
RD-58C	Primary	RD-58C_071812_01	Chatsworth	TA- Denver	7/18/2012	0.28 U	--
RD-59A	Primary	RD-59A_011212_01	Chatsworth	TA- Denver	1/12/2012	0.28 U	--
RD-59B	Primary	RD-59B_011212_01	Chatsworth	TA- Denver	1/12/2012	0.28 U	--
RD-59C	Primary	RD-59C_011212_01	Chatsworth	TA- Denver	1/12/2012	0.28 U	--
RD-66	Primary	RD-66_020212_01	Chatsworth	TA- Denver	2/2/2012	0.28 U	--
RD-66	Primary	RD-66_080212_01	Chatsworth	TA- Denver	8/2/2012	--	0.049 J
RD-68A	Primary	RD-68A_011212_01	Chatsworth	TA- Denver	1/12/2012	0.28 U	--
RD-68A	Primary	RD-68A_071612_01	Chatsworth	TA- Denver	7/16/2012	--	0.0088 U
RD-68B	Primary	RD-68B_011212_01	Chatsworth	TA- Denver	1/12/2012	0.28 U	--
RD-68B	Primary	RD-68B_071612_01	Chatsworth	TA- Denver	7/16/2012	--	0.0088 U
RD-71	Primary	RD-71_020212_01	Chatsworth	TA- Denver	2/2/2012	0.28 U	--
RD-71	Primary	RD-71_080212_01	Chatsworth	TA- Denver	8/2/2012	--	0.0088 U
RD-75	Primary	RD-75_011812_01	Chatsworth	TA- Denver	1/18/2012	0.28 U	--
RD-75	Primary	RD-75_071712_01	Chatsworth	TA- Denver	7/17/2012	--	0.0088 U
RD-76	Primary	RD-76_011812_01	Chatsworth	TA- Denver	1/18/2012	0.28 U	--
RD-76	Primary	RD-76_071712_01	Chatsworth	TA- Denver	7/17/2012	--	0.0088 U
RD-77	Primary	RD-77_021512_01	Chatsworth	TA- Denver	2/15/2012	270	280 R
RD-78	Primary	RD-78_021012_01	Chatsworth	TA- Denver	2/10/2012	0.28 U	--

TABLE 14
PERCHLORATE ANALYTICAL RESULTS, 2012
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:	Sample Type:	Sample Name:	Groundwater Unit:	Lab Name:	Collection Date:	Perchlorate (µg/L)	
						314.0	6860
RD-78	Primary	RD-78_080812_01	Chatsworth	TA- Denver	8/8/2012	0.28 U	--
RD-100	Primary	RD-100_011312_01	Chatsworth	TA- Denver	1/13/2012	0.28 U	--
RD-100	Primary	RD-100_072012_01A	Chatsworth	TA- Denver	7/20/2012	--	0.0088 U
RD-104	Primary	RD-104_020212_01	Chatsworth	TA- Denver	2/2/2012	0.28 U	--
RS-33	Primary	RS-33_013112_01	Shallow	TA- Denver	1/31/2012	0.28 U	--
RS-33	Primary	RS-33_080912_01	Shallow	TA- Denver	8/9/2012	0.28 U	--
RS-34	Primary	RS-34_020712_01	Shallow	TA- Denver	2/7/2012	0.28 U	--
RS-34	Primary	RS-34_072412_01	Shallow	TA- Denver	7/24/2012	0.28 U	--
WS-04A	Primary	WS-04A_013112_01	Chatsworth	TA- Denver	1/31/2012	0.28 U	--
WS-04A	Primary	WS-04A_073012_01	Chatsworth	TA- Denver	7/30/2012	0.28 U	--
WS-09A	Primary	WS-09A_022912_01	Chatsworth	TA- Denver	2/29/2012	0.28 U	--
WS-09A	Primary	WS-09A_072012_01	Chatsworth	TA- Denver	7/20/2012	0.28 U	--

NOTES AND ABBREVIATIONS

Chatsworth - Chatsworth Formation groundwater unit
Shallow - Near-surface groundwater unit

µg/L - micrograms per liter

-- Not available
TA - TestAmerica
J - Result is estimated
R - Result is rejected
U - Not detected above the method detection limit (MDL) or reporting limit (RL)

TABLE 15
FUEL HYDROCARBONS ANALYTICAL RESULTS, 2012
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		HAR-01	HAR-01	HAR-05	HAR-05	HAR-07	HAR-07
SampleType:		Primary	Primary	Primary	Primary	Primary	Field Duplicate
Sample Name:		HAR-01_020812_01	HAR-01_080312_01	HAR-05_021012_01	HAR-05_072412_01	HAR-07_013112_01	HAR-07_013112_36
Groundwater Unit:		Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth
Lab Name:		TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
Collection Date:		2/8/2012	8/3/2012	2/10/2012	7/24/2012	1/31/2012	1/31/2012
Analyte (mg/L)	**Method**						
Diesel Range Organics (C12-C14)	**8015B**	0.031 U	0.095 UJ	0.031 U	0.095 U	0.03 UJ	0.03 UJ
Diesel Range Organics (C15-C20)	**8015B**	0.031 U	0.095 U	0.031 U	0.095 U	0.03 U	0.03 U
Diesel Range Organics (C21-C30)	**8015B**	0.031 U	0.095 U	0.031 U	0.095 U	0.03 U	0.03 U
Diesel Range Organics (C8-C30)	**8015B**	0.074 U	0.095 U	0.074 U	0.095 U	0.074 U	0.074 U
Gasoline Range Organics (C6-C12) (µg/L)	**8015B**	--	--	--	--	--	--
Gasoline Range Organics (C8-C11)	**8015B**	0.074 U	0.095 U	0.074 U	0.095 U	0.074 UJ	0.074 UJ

TABLE 15
FUEL HYDROCARBONS ANALYTICAL RESULTS, 2012
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		HAR-07	HAR-08	HAR-08	HAR-09	HAR-09	HAR-09
SampleType:		Primary	Primary	Primary	Primary	Split	Primary
Sample Name:		HAR-07_072612_01	HAR-08_012712_01	HAR-08_072712_01	HAR-09_012512_01	HAR-09_012512_03	HAR-09_071612_01
Groundwater Unit:		Chatsworth	Chatsworth	Chatsworth	Shallow	Shallow	Shallow
Lab Name:		TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Irvine	TA- Denver
Collection Date:		7/26/2012	1/27/2012	7/27/2012	1/25/2012	1/25/2012	7/16/2012
Analyte (mg/L)	**Method**						
Diesel Range Organics (C12-C14)	**8015B**	0.097 U	0.033 U	0.095 U	0.031 U	0.099 U	0.097 U
Diesel Range Organics (C15-C20)	**8015B**	0.097 U	0.033 U	0.095 U	0.031 U	0.099 U	0.097 U
Diesel Range Organics (C21-C30)	**8015B**	0.097 U	0.033 U	0.095 U	0.031 U	0.099 U	0.097 U
Diesel Range Organics (C8-C30)	**8015B**	0.097 U	0.079 U	0.095 U	0.074 U	0.099 U	0.097 U
Gasoline Range Organics (C6-C12) (µg/L)	**8015B**	--	--	--	--	--	--
Gasoline Range Organics (C8-C11)	**8015B**	0.097 U	0.079 U	0.095 U	0.074 U	0.099 U	0.097 U

TABLE 15
FUEL HYDROCARBONS ANALYTICAL RESULTS, 2012
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		HAR-11	HAR-11	HAR-12	HAR-12	HAR-13	HAR-14	HAR-14
SampleType:		Primary	Primary	Primary	Primary	Primary	Primary	Primary
Sample Name:		HAR-11_020712_01	HAR-11_072612_01	HAR-12_020912_01	HAR-12_071612_01	HAR-13_020912_01	HAR-14_020912_01	HAR-14_071612_01
Groundwater Unit:		Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow
Lab Name:		TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
Collection Date:		2/7/2012	7/26/2012	2/9/2012	7/16/2012	2/9/2012	2/9/2012	7/16/2012
Analyte (mg/L)	**Method**							
Diesel Range Organics (C12-C14)	**8015B**	0.034 J	0.1 U	0.03 U	0.095 U	0.031 U	0.033 U	0.097 U
Diesel Range Organics (C15-C20)	**8015B**	0.2 J	0.15 J	0.03 U	0.095 U	0.031 U	0.033 U	0.097 U
Diesel Range Organics (C21-C30)	**8015B**	0.14 J	0.1 U	0.03 U	0.095 U	0.031 U	0.033 U	0.097 U
Diesel Range Organics (C8-C30)	**8015B**	0.38	0.25	0.074 U	0.095 U	0.075 U	0.08 U	0.097 U
Gasoline Range Organics (C6-C12) (µg/L)	**8015B**	--	--	--	--	--	--	--
Gasoline Range Organics (C8-C11)	**8015B**	0.077 U	0.1 U	0.074 U	0.095 U	0.075 U	0.08 U	0.097 U

TABLE 15
FUEL HYDROCARBONS ANALYTICAL RESULTS, 2012
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		HAR-15	HAR-15	HAR-16	HAR-16	HAR-18	HAR-18	HAR-19
SampleType:		Primary	Primary	Primary	Primary	Primary	Primary	Primary
Sample Name:		HAR-15_012412_01	HAR-15_072412_01	HAR-16_012312_01	HAR-16_072312_01	HAR-18_012612_01	HAR-18_072312_01	HAR-19_020112_01
Groundwater Unit:		Shallow	Shallow	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth
Lab Name:		TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
Collection Date:		1/24/2012	7/24/2012	1/23/2012	7/23/2012	1/26/2012	7/23/2012	2/1/2012
Analyte (mg/L)	**Method**							
Diesel Range Organics (C12-C14)	**8015B**	0.036 U	0.096 U	0.03 U	0.097 U	0.031 U	0.095 U	0.032 UJ
Diesel Range Organics (C15-C20)	**8015B**	0.036 U	0.096 U	0.03 U	0.097 U	0.031 U	0.095 U	0.032 U
Diesel Range Organics (C21-C30)	**8015B**	0.036 U	0.096 U	0.03 U	0.097 U	0.031 U	0.095 U	0.032 U
Diesel Range Organics (C8-C30)	**8015B**	0.086 U	0.096 U	0.074 U	0.097 U	0.075 U	0.095 U	0.078 U
Gasoline Range Organics (C6-C12) (µg/L)	**8015B**	--	--	--	--	1900 J	660	--
Gasoline Range Organics (C8-C11)	**8015B**	0.086 U	0.096 U	0.074 U	0.097 U	0.075 U	0.095 U	0.078 UJ

TABLE 15
FUEL HYDROCARBONS ANALYTICAL RESULTS, 2012
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		HAR-19	HAR-19	HAR-19	HAR-20	HAR-20	HAR-21
SampleType:		Field Duplicate	Primary	Field Duplicate	Primary	Primary	Primary
Sample Name:		HAR-19_020112_36	HAR-19_072612_01	HAR-19_072612_36	HAR-20_012312_01	HAR-20_072312_01	HAR-21_012512_01
Groundwater Unit:		Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth
Lab Name:		TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
Collection Date:		2/1/2012	7/26/2012	7/26/2012	1/23/2012	7/23/2012	1/25/2012
Analyte (mg/L)	**Method**						
Diesel Range Organics (C12-C14)	**8015B**	0.033 UJ	0.098 U	0.096 U	0.03 U	0.096 U	0.031 U
Diesel Range Organics (C15-C20)	**8015B**	0.033 U	0.098 U	0.096 U	0.03 U	0.17 J	0.031 U
Diesel Range Organics (C21-C30)	**8015B**	0.033 U	0.098 U	0.096 U	0.03 U	0.096 U	0.031 U
Diesel Range Organics (C8-C30)	**8015B**	0.08 U	0.098 U	0.096 U	0.074 U	0.22 J	0.074 U
Gasoline Range Organics (C6-C12) (µg/L)	**8015B**	--	--	--	--	--	--
Gasoline Range Organics (C8-C11)	**8015B**	0.079 UJ	0.098 U	0.096 U	0.074 U	0.096 U	0.074 U

TABLE 15
FUEL HYDROCARBONS ANALYTICAL RESULTS, 2012
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		HAR-21	HAR-23	HAR-23	HAR-25	HAR-25	HAR-27
SampleType:		Primary	Primary	Primary	Primary	Primary	Primary
Sample Name:		HAR-21_071612_01	HAR-23_021012_01	HAR-23_072412_01	HAR-25_021012_01	HAR-25_080112_01	HAR-27_012712_01
Groundwater Unit:		Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Shallow
Lab Name:		TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
Collection Date:		7/16/2012	2/10/2012	7/24/2012	2/10/2012	8/1/2012	1/27/2012
Analyte (mg/L)	**Method**						
Diesel Range Organics (C12-C14)	**8015B**	0.096 U	0.031 U	0.095 U	0.032 U	0.095 U	0.031 U
Diesel Range Organics (C15-C20)	**8015B**	0.096 U	0.031 U	0.095 U	0.032 U	0.095 U	0.031 U
Diesel Range Organics (C21-C30)	**8015B**	0.096 U	0.031 U	0.095 U	0.032 U	0.095 U	0.031 U
Diesel Range Organics (C8-C30)	**8015B**	0.096 U	0.075 U	0.095 U	0.077 U	0.095 U	0.074 U
Gasoline Range Organics (C6-C12) (µg/L)	**8015B**	--	--	--	--	--	--
Gasoline Range Organics (C8-C11)	**8015B**	0.096 U	0.075 U	0.095 U	0.076 U	0.095 U	0.074 U

TABLE 15
FUEL HYDROCARBONS ANALYTICAL RESULTS, 2012
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		HAR-27	HAR-28	HAR-28	HAR-29	HAR-29	HAR-30
SampleType:		Primary	Primary	Primary	Primary	Primary	Primary
Sample Name:		HAR-27_072712_01	HAR-28_012712_01	HAR-28_072712_01	HAR-29_012712_01	HAR-29_072712_01	HAR-30_020712_01
Groundwater Unit:		Shallow	Shallow	Shallow	Shallow	Shallow	Shallow
Lab Name:		TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
Collection Date:		7/27/2012	1/27/2012	7/27/2012	1/27/2012	7/27/2012	2/7/2012
Analyte (mg/L)	**Method**						
Diesel Range Organics (C12-C14)	**8015B**	0.097 U	0.033 U	0.096 U	0.031 U	0.1 U	0.032 U
Diesel Range Organics (C15-C20)	**8015B**	0.097 U	0.033 U	0.096 U	0.031 U	0.1 U	0.032 U
Diesel Range Organics (C21-C30)	**8015B**	0.097 U	0.033 U	0.096 U	0.031 U	0.1 U	0.032 U
Diesel Range Organics (C8-C30)	**8015B**	0.097 U	0.079 U	0.096 U	0.074 U	0.1 U	0.077 U
Gasoline Range Organics (C6-C12) (µg/L)	**8015B**	--	--	--	--	--	--
Gasoline Range Organics (C8-C11)	**8015B**	0.097 U	0.079 U	0.096 U	0.074 U	0.1 U	0.077 U

TABLE 15
FUEL HYDROCARBONS ANALYTICAL RESULTS, 2012
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		HAR-30	HAR-30	HAR-31	OS-26	OS-26	PZ-017A	PZ-017B
SampleType:		Primary	Field Duplicate	Primary	Primary	Primary	Primary	Primary
Sample Name:		HAR-30_072412_01	HAR-30_072412_36	HAR-31_012412_01	OS-26_020812_01	OS-26_073012_01	PZ-017A_071112_01	PZ-017B_021612_01
Groundwater Unit:		Shallow	Shallow	Shallow	Chatsworth	Chatsworth	Shallow	Shallow
Lab Name:		TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
Collection Date:		7/24/2012	7/24/2012	1/24/2012	2/8/2012	7/30/2012	7/11/2012	2/16/2012
Analyte (mg/L)	**Method**							
Diesel Range Organics (C12-C14)	**8015B**	0.097 U	0.095 U	0.034 U	0.031 U	0.097 U	0.095 U	0.056 J
Diesel Range Organics (C15-C20)	**8015B**	0.097 U	0.095 U	0.034 U	0.031 U	0.097 U	0.24	0.23 J
Diesel Range Organics (C21-C30)	**8015B**	0.097 U	0.095 U	0.034 U	0.031 U	0.097 U	0.5	0.068 J
Diesel Range Organics (C8-C30)	**8015B**	0.097 U	0.095 U	0.083 U	0.075 U	0.097 U	0.77	0.38
Gasoline Range Organics (C6-C12) (µg/L)	**8015B**	--	--	--	15 J	10 U	200	480
Gasoline Range Organics (C8-C11)	**8015B**	0.097 U	0.095 U	0.083 U	0.074 U	0.097 U	0.095 U	0.074 U

TABLE 15
FUEL HYDROCARBONS ANALYTICAL RESULTS, 2012
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		PZ-017B	PZ-048	PZ-048	PZ-060	PZ-060	PZ-084	PZ-084
SampleType:		Primary	Primary	Primary	Primary	Primary	Primary	Primary
Sample Name:		PZ-017B_071112_01	PZ-048_021612_01	PZ-048_071112_01	PZ-060_011312_01	PZ-060_072612_01A	PZ-084_020312_01	PZ-084_071712_01A
Groundwater Unit:		Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow
Lab Name:		TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
Collection Date:		7/11/2012	2/16/2012	7/11/2012	1/13/2012	7/26/2012	2/3/2012	7/17/2012
Analyte (mg/L)	**Method**							
Diesel Range Organics (C12-C14)	**8015B**	0.096 U	0.072 J	0.095 J	0.14 J	0.1 U	5.9	4.9
Diesel Range Organics (C15-C20)	**8015B**	0.24	0.27	0.24	0.61	0.31	3.5	3.3
Diesel Range Organics (C21-C30)	**8015B**	0.096 U	0.095 J	0.095 U	0.19 J	0.1 U	0.1 J	0.47 U
Diesel Range Organics (C8-C30)	**8015B**	0.36	0.46	0.4	0.94	0.37	11	9.9
Gasoline Range Organics (C6-C12) (µg/L)	**8015B**	590	2100	1300	--	--	530 J	790
Gasoline Range Organics (C8-C11)	**8015B**	0.096 U	0.077 U	0.095 U	0.075 U	0.1 U	1.3	1.2

TABLE 15
FUEL HYDROCARBONS ANALYTICAL RESULTS, 2012
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		PZ-087B	PZ-087B	PZ-139	PZ-139	PZ-139	PZ-140
SampleType:		Primary	Primary	Primary	Primary	Split	Primary
Sample Name:		PZ-087B_020212_01A	PZ-087B_071712_01A	PZ-139_013012_01A	PZ-139_071812_01A	PZ-139_071812_03A	PZ-140_013112_01
Groundwater Unit:		Shallow	Shallow	Shallow	Shallow	Shallow	Shallow
Lab Name:		TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Irvine	TA- Denver
Collection Date:		2/2/2012	7/17/2012	1/30/2012	7/18/2012	7/18/2012	1/31/2012
Analyte (mg/L)	**Method**						
Diesel Range Organics (C12-C14)	**8015B**	0.032 UJ	0.095 U	0.031 U	0.096 UJ	0.024 U	0.034 UJ
Diesel Range Organics (C15-C20)	**8015B**	0.032 U	0.095 U	0.031 U	0.096 U	0.024 U	0.034 U
Diesel Range Organics (C21-C30)	**8015B**	0.032 U	0.095 U	0.031 U	0.096 U	0.024 U	0.034 U
Diesel Range Organics (C8-C30)	**8015B**	0.076 U	0.095 U	0.075 U	0.096 U	0.059 J	0.081 U
Gasoline Range Organics (C6-C12) (µg/L)	**8015B**	250 J	450	--	--	--	--
Gasoline Range Organics (C8-C11)	**8015B**	0.076 UJ	0.095 U	0.075 R	0.096 U	0.024 U	0.081 UJ

TABLE 15
FUEL HYDROCARBONS ANALYTICAL RESULTS, 2012
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		PZ-140	PZ-140	PZ-140	PZ-141	PZ-141	PZ-141	PZ-144
SampleType:		Split	Primary	Field Duplicate	Primary	Field Duplicate	Primary	Primary
Sample Name:		PZ-140_013112_03	PZ-140_071912_01	PZ-140_071912_36	PZ-141_011212_01	PZ-141_011212_36	PZ-141_071912_01A	PZ-144_080212_01A
Groundwater Unit:		Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow
Lab Name:		TA- Irvine	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
Collection Date:		1/31/2012	7/19/2012	7/19/2012	1/12/2012	1/12/2012	7/19/2012	8/2/2012
Analyte (mg/L)	**Method**							
Diesel Range Organics (C12-C14)	**8015B**	0.025 U	0.096 U	0.095 U	0.031 U	0.031 U	0.097 U	0.1 UJ
Diesel Range Organics (C15-C20)	**8015B**	0.025 U	0.096 U	0.095 U	0.031 U	0.031 U	0.097 U	0.1 U
Diesel Range Organics (C21-C30)	**8015B**	0.025 U	0.096 U	0.095 U	0.052 J	0.031 U	0.097 U	0.1 U
Diesel Range Organics (C8-C30)	**8015B**	0.025 U	0.096 U	0.095 U	0.074 U	0.076 U	0.097 U	0.1 U
Gasoline Range Organics (C6-C12) (µg/L)	**8015B**	--	--	--	--	--	--	--
Gasoline Range Organics (C8-C11)	**8015B**	0.025 U	0.096 U	0.095 U	0.074 U	0.076 U	0.097 U	0.1 U

TABLE 15
FUEL HYDROCARBONS ANALYTICAL RESULTS, 2012
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		PZ-158	PZ-159	PZ-159	RD-01	RD-01	RD-03	RD-03
SampleType:		Primary	Primary	Primary	Primary	Primary	Primary	Primary
Sample Name:		PZ-158_012012_01A	PZ-159_020712_01	PZ-159_072512_01A	RD-01_013112_01	RD-01_071712_01	RD-03_011312_01	RD-03_072012_01
Groundwater Unit:		Shallow	Shallow	Shallow	Chatsworth	Chatsworth	Chatsworth	Chatsworth
Lab Name:		TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
Collection Date:		1/20/2012	2/7/2012	7/25/2012	1/31/2012	7/17/2012	1/13/2012	7/20/2012
Analyte (mg/L)	**Method**							
Diesel Range Organics (C12-C14)	**8015B**	0.032 U	0.032 U	0.1 U	0.032 UJ	0.095 U	0.031 U	0.096 U
Diesel Range Organics (C15-C20)	**8015B**	0.032 U	0.032 U	0.1 U	0.032 U	0.095 U	0.031 U	0.096 U
Diesel Range Organics (C21-C30)	**8015B**	0.032 U	0.032 U	0.15 J	0.032 U	0.095 U	0.031 U	0.096 U
Diesel Range Organics (C8-C30)	**8015B**	0.078 U	0.077 U	0.22 J	0.077 U	0.095 U	0.074 U	0.096 U
Gasoline Range Organics (C6-C12) (µg/L)	**8015B**	--	--	--	550 J	760	--	--
Gasoline Range Organics (C8-C11)	**8015B**	0.078 U	0.077 U	0.1 U	0.077 UJ	0.095 U	0.074 U	0.096 U

TABLE 15
FUEL HYDROCARBONS ANALYTICAL RESULTS, 2012
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		RD-05A	RD-05A	RD-05B	RD-05B	RD-05C	RD-05C	RD-06
SampleType:		Primary	Primary	Primary	Primary	Primary	Primary	Primary
Sample Name:		RD-05A_012512_01	RD-05A_071712_01	RD-05B_012512_01	RD-05B_071712_01	RD-05C_012512_01	RD-05C_071712_01	RD-06_013112_01
Groundwater Unit:		Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth
Lab Name:		TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
Collection Date:		1/25/2012	7/17/2012	1/25/2012	7/17/2012	1/25/2012	7/17/2012	1/31/2012
Analyte (mg/L)	**Method**							
Diesel Range Organics (C12-C14)	**8015B**	0.031 U	0.095 U	0.032 U	0.097 U	0.031 U	0.095 U	0.031 UJ
Diesel Range Organics (C15-C20)	**8015B**	0.031 U	0.095 U	0.032 U	0.097 U	0.031 U	0.095 U	0.031 U
Diesel Range Organics (C21-C30)	**8015B**	0.031 U	0.095 U	0.032 U	0.097 U	0.031 U	0.095 U	0.031 U
Diesel Range Organics (C8-C30)	**8015B**	0.074 U	0.095 U	0.078 U	0.097 U	0.074 U	0.095 U	0.076 U
Gasoline Range Organics (C6-C12) (µg/L)	**8015B**	--	--	--	--	--	--	24 J
Gasoline Range Organics (C8-C11)	**8015B**	0.074 U	0.095 U	0.078 U	0.097 U	0.074 U	0.095 U	0.075 UJ

TABLE 15
FUEL HYDROCARBONS ANALYTICAL RESULTS, 2012
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		RD-06	RD-26	RD-26	RD-31 (Port 1)	RD-31 (Port 1)	RD-32	RD-32
SampleType:		Primary	Primary	Primary	Primary	Primary	Primary	Primary
Sample Name:		RD-06_072012_01	RD-26_013012_01	RD-26_080612_01	RD-31_011312_01	RD-31_080712_01	RD-32_013012_01	RD-32_080212_01
Groundwater Unit:		Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth
Lab Name:		TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
Collection Date:		7/20/2012	1/30/2012	8/6/2012	1/13/2012	8/7/2012	1/30/2012	8/2/2012
Analyte (mg/L)	**Method**							
Diesel Range Organics (C12-C14)	**8015B**	0.096 U	0.031 U	0.097 UJ	0.032 U	0.098 UJ	--	--
Diesel Range Organics (C15-C20)	**8015B**	0.096 U	0.031 U	0.097 U	0.032 U	0.098 U	--	--
Diesel Range Organics (C21-C30)	**8015B**	0.096 U	0.031 U	0.097 U	0.032 U	0.098 U	--	--
Diesel Range Organics (C8-C30)	**8015B**	0.096 U	0.075 U	0.097 U	0.077 U	0.098 U	--	--
Gasoline Range Organics (C6-C12) (µg/L)	**8015B**	10 U	10 U	100 U	35 J	44 J	100 U	11 J
Gasoline Range Organics (C8-C11)	**8015B**	0.096 U	0.075 U	0.097 U	0.077 U	0.098 U	--	--

TABLE 15
FUEL HYDROCARBONS ANALYTICAL RESULTS, 2012
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		RD-32	RD-35A	RD-35A	RD-35B	RD-35B	RD-36B
SampleType:		Split	Primary	Primary	Primary	Primary	Primary
Sample Name:		RD-32_080212_03	RD-35A_012412_01	RD-35A_080612_01	RD-35B_012412_01	RD-35B_080612_01	RD-36B_020312_01
Groundwater Unit:		Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth
Lab Name:		TA- Irvine	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
Collection Date:		8/2/2012	1/24/2012	8/6/2012	1/24/2012	8/6/2012	2/3/2012
Analyte (mg/L)	**Method**						
Diesel Range Organics (C12-C14)	**8015B**	--	0.032 U	0.095 UJ	2.1	1.7 J	0.031 UJ
Diesel Range Organics (C15-C20)	**8015B**	--	0.032 U	0.095 U	2.3	2.1	0.031 U
Diesel Range Organics (C21-C30)	**8015B**	--	0.032 U	0.095 U	0.041 J	0.2 U	0.031 U
Diesel Range Organics (C8-C30)	**8015B**	--	0.078 U	0.095 U	4.3	3.8	0.076 U
Gasoline Range Organics (C6-C12) (µg/L)	**8015B**	25 U	35 J	100 UJ	840 J	700	18 J
Gasoline Range Organics (C8-C11)	**8015B**	--	0.078 U	0.095 U	0.074 U	0.2 U	0.076 UJ

TABLE 15
FUEL HYDROCARBONS ANALYTICAL RESULTS, 2012
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		RD-36B	RD-36C	RD-36C	RD-36C	RD-36D	RD-36D
SampleType:		Primary	Primary	Field Duplicate	Primary	Primary	Primary
Sample Name:		RD-36B_080612_01	RD-36C_020612_01	RD-36C_020612_36	RD-36C_080612_01	RD-36D_020312_01	RD-36D_080612_01
Groundwater Unit:		Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth
Lab Name:		TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
Collection Date:		8/6/2012	2/6/2012	2/6/2012	8/6/2012	2/3/2012	8/6/2012
Analyte (mg/L)	**Method**						
Diesel Range Organics (C12-C14)	**8015B**	0.095 UJ	0.031 U	0.031 U	0.095 UJ	0.03 UJ	0.095 UJ
Diesel Range Organics (C15-C20)	**8015B**	0.095 U	0.031 U	0.031 U	0.095 U	0.03 U	0.095 U
Diesel Range Organics (C21-C30)	**8015B**	0.095 U	0.031 U	0.031 U	0.095 U	0.03 U	0.095 U
Diesel Range Organics (C8-C30)	**8015B**	0.095 U	0.076 U	0.076 U	0.095 U	0.074 U	0.095 U
Gasoline Range Organics (C6-C12) (µg/L)	**8015B**	19 J	56 J	47 J	40 J	12 J	14 J
Gasoline Range Organics (C8-C11)	**8015B**	0.095 U	0.076 U	0.075 U	0.095 U	0.074 UJ	0.095 U

TABLE 15
FUEL HYDROCARBONS ANALYTICAL RESULTS, 2012
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		RD-37	RD-37	RD-37	RD-38B	RD-38B	RD-38B	RD-39B
SampleType:		Primary	Field Duplicate	Primary	Primary	Primary	Field Duplicate	Primary
Sample Name:		RD-37_020612_01	RD-37_020612_36	RD-37_080812_01	RD-38B_020212_01	RD-38B_080712_01	RD-38B_080712_36	RD-39B_020912_01
Groundwater Unit:		Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth
Lab Name:		TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
Collection Date:		2/6/2012	2/6/2012	8/8/2012	2/2/2012	8/7/2012	8/7/2012	2/9/2012
Analyte (mg/L)	**Method**							
Diesel Range Organics (C12-C14)	**8015B**	0.031 U	0.03 U	0.095 U	0.079 J	0.095 UJ	0.095 UJ	0.031 U
Diesel Range Organics (C15-C20)	**8015B**	0.031 U	0.03 U	0.095 U	0.031 U	0.095 U	0.095 U	0.031 U
Diesel Range Organics (C21-C30)	**8015B**	0.031 U	0.03 U	0.095 U	0.031 U	0.095 U	0.095 U	0.031 U
Diesel Range Organics (C8-C30)	**8015B**	0.076 U	0.074 U	0.095 U	0.08 J	0.095 U	0.095 U	0.074 U
Gasoline Range Organics (C6-C12) (µg/L)	**8015B**	31 J	16 J	100 U	100 U	21 J	23 J	--
Gasoline Range Organics (C8-C11)	**8015B**	0.076 U	0.074 U	0.095 U	0.074 UJ	0.095 U	0.095 U	0.074 U

TABLE 15
FUEL HYDROCARBONS ANALYTICAL RESULTS, 2012
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		RD-39B	RD-41A	RD-41B	RD-41B	RD-41B	RD-41C	RD-41C
SampleType:		Primary	Primary	Primary	Primary	Field Duplicate	Primary	Primary
Sample Name:		RD-39B_080712_01	RD-41A_012712_01	RD-41B_012712_01	RD-41B_072712_01	RD-41B_072712_36	RD-41C_012712_01	RD-41C_072712_01
Groundwater Unit:		Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth
Lab Name:		TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
Collection Date:		8/7/2012	1/27/2012	1/27/2012	7/27/2012	7/27/2012	1/27/2012	7/27/2012
Analyte (mg/L)	**Method**							
Diesel Range Organics (C12-C14)	**8015B**	0.096 UJ	0.031 U	0.031 U	0.095 U	0.095 U	0.031 U	0.097 U
Diesel Range Organics (C15-C20)	**8015B**	0.096 U	0.031 U	0.031 U	0.095 U	0.095 U	0.031 U	0.097 U
Diesel Range Organics (C21-C30)	**8015B**	0.096 U	0.031 U	0.031 U	0.095 U	0.095 U	0.031 J	0.097 U
Diesel Range Organics (C8-C30)	**8015B**	0.096 U	0.075 U	0.074 U	0.095 U	0.095 U	0.074 U	0.097 U
Gasoline Range Organics (C6-C12) (µg/L)	**8015B**	--	--	780	580	580	100 U	100 U
Gasoline Range Organics (C8-C11)	**8015B**	0.096 U	0.075 U	0.074 U	0.095 U	0.095 U	0.074 U	0.097 U

TABLE 15
FUEL HYDROCARBONS ANALYTICAL RESULTS, 2012
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		RD-43A	RD-43A	RD-43B	RD-43B	RD-43C	RD-43C
SampleType:		Primary	Primary	Primary	Primary	Primary	Primary
Sample Name:		RD-43A_012012_01	RD-43A_080112_01	RD-43B_012012_01	RD-43B_080112_01	RD-43C_012012_01	RD-43C_080112_01
Groundwater Unit:		Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth
Lab Name:		TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
Collection Date:		1/20/2012	8/1/2012	1/20/2012	8/1/2012	1/20/2012	8/1/2012
Analyte (mg/L)	**Method**						
Diesel Range Organics (C12-C14)	**8015B**	0.031 U	0.096 U	0.033 J	0.095 UJ	0.031 U	0.095 U
Diesel Range Organics (C15-C20)	**8015B**	0.031 U	0.096 U	0.03 U	0.095 U	0.031 U	0.095 U
Diesel Range Organics (C21-C30)	**8015B**	0.031 U	0.096 U	0.03 U	0.095 U	0.031 U	0.095 U
Diesel Range Organics (C8-C30)	**8015B**	0.074 U	0.096 U	0.073 U	0.095 U	0.075 U	0.095 U
Gasoline Range Organics (C6-C12) (µg/L)	**8015B**	--	--	--	--	--	--
Gasoline Range Organics (C8-C11)	**8015B**	0.074 U	0.096 U	0.073 U	0.095 U	0.075 U	0.095 U

TABLE 15
FUEL HYDROCARBONS ANALYTICAL RESULTS, 2012
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		RD-43C	RD-45A	RD-45A	RD-45B	RD-45B	RD-45C
SampleType:		Field Duplicate	Primary	Primary	Primary	Primary	Primary
Sample Name:		RD-43C_080112_36	RD-45A_021412_01	RD-45A_072512_01	RD-45B_021412_01	RD-45B_072512_01	RD-45C_021412_01
Groundwater Unit:		Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth
Lab Name:		TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
Collection Date:		8/1/2012	2/14/2012	7/25/2012	2/14/2012	7/25/2012	2/14/2012
Analyte (mg/L)	**Method**						
Diesel Range Organics (C12-C14)	**8015B**	0.095 U	0.033 U	0.095 U	0.031 U	0.24	0.031 U
Diesel Range Organics (C15-C20)	**8015B**	0.095 U	0.033 U	0.095 U	0.031 U	0.096 U	0.031 U
Diesel Range Organics (C21-C30)	**8015B**	0.095 U	0.033 U	0.095 U	0.031 U	0.096 U	0.047 J
Diesel Range Organics (C8-C30)	**8015B**	0.095 U	0.08 U	0.095 U	0.074 U	0.27	0.075 U
Gasoline Range Organics (C6-C12) (µg/L)	**8015B**	--	--	--	--	--	--
Gasoline Range Organics (C8-C11)	**8015B**	0.095 U	0.08 U	0.095 U	0.074 U	0.096 U	0.075 U

TABLE 15
FUEL HYDROCARBONS ANALYTICAL RESULTS, 2012
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		RD-45C	RD-46A	RD-46A	RD-46B	RD-46B	RD-48A
SampleType:		Primary	Primary	Primary	Primary	Primary	Primary
Sample Name:		RD-45C_072512_01	RD-46A_020112_01	RD-46A_072012_01	RD-46B_020112_01	RD-46B_072012_01	RD-48A_073112_01
Groundwater Unit:		Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth
Lab Name:		TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
Collection Date:		7/25/2012	2/1/2012	7/20/2012	2/1/2012	7/20/2012	7/31/2012
Analyte (mg/L)	**Method**						
Diesel Range Organics (C12-C14)	**8015B**	0.096 U	0.033 UJ	0.095 U	0.033 UJ	0.1 U	0.1 U
Diesel Range Organics (C15-C20)	**8015B**	0.096 U	0.033 U	0.095 U	0.033 U	0.1 U	0.1 U
Diesel Range Organics (C21-C30)	**8015B**	0.096 U	0.033 U	0.095 U	0.033 U	0.1 U	0.1 U
Diesel Range Organics (C8-C30)	**8015B**	0.096 U	0.079 U	0.095 U	0.079 U	0.1 U	0.1 U
Gasoline Range Organics (C6-C12) (µg/L)	**8015B**	--	--	--	--	--	--
Gasoline Range Organics (C8-C11)	**8015B**	0.096 U	0.079 UJ	0.095 U	0.079 UJ	0.1 U	0.1 U

TABLE 15
FUEL HYDROCARBONS ANALYTICAL RESULTS, 2012
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		RD-48B	RD-48B	RD-48C	RD-48C	RD-49A	RD-49B
SampleType:		Primary	Primary	Primary	Primary	Primary	Primary
Sample Name:		RD-48B_012612_01	RD-48B_073112_01	RD-48C_012612_01	RD-48C_073112_01	RD-49A_021312_01	RD-49B_021312_01
Groundwater Unit:		Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth
Lab Name:		TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
Collection Date:		1/26/2012	7/31/2012	1/26/2012	7/31/2012	2/13/2012	2/13/2012
Analyte (mg/L)	**Method**						
Diesel Range Organics (C12-C14)	**8015B**	0.034 U	0.095 U	0.17 J	0.48	0.43	0.032 J
Diesel Range Organics (C15-C20)	**8015B**	0.034 U	0.095 U	0.035 U	0.095 U	0.96	0.036 J
Diesel Range Organics (C21-C30)	**8015B**	0.034 U	0.095 U	0.035 U	0.095 U	0.031 U	0.059 J
Diesel Range Organics (C8-C30)	**8015B**	0.083 U	0.095 U	0.17 J	0.5	1.4	0.14 J
Gasoline Range Organics (C6-C12) (µg/L)	**8015B**	--	--	--	--	--	--
Gasoline Range Organics (C8-C11)	**8015B**	0.083 U	0.095 U	0.084 U	0.095 U	0.074 U	0.073 U

TABLE 15
FUEL HYDROCARBONS ANALYTICAL RESULTS, 2012
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		RD-49C	RD-49C	RD-51A	RD-51A	RD-51B	RD-51B	RD-51C
SampleType:		Primary	Primary	Primary	Primary	Primary	Primary	Primary
Sample Name:		RD-49C_021312_01	RD-49C_072612_01	RD-51A_020312_01	RD-51A_071812_01	RD-51B_020312_01	RD-51B_071812_01	RD-51C_020612_01
Groundwater Unit:		Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth
Lab Name:		TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
Collection Date:		2/13/2012	7/26/2012	2/3/2012	7/18/2012	2/3/2012	7/18/2012	2/6/2012
Analyte (mg/L)	**Method**							
Diesel Range Organics (C12-C14)	**8015B**	0.031 U	0.096 U	0.032 UJ	0.095 U	0.032 UJ	0.098 U	0.031 U
Diesel Range Organics (C15-C20)	**8015B**	0.031 U	0.096 U	0.032 U	0.095 U	0.032 U	0.098 U	0.031 U
Diesel Range Organics (C21-C30)	**8015B**	0.031 U	0.096 U	0.032 U	0.095 U	0.032 U	0.098 U	0.031 U
Diesel Range Organics (C8-C30)	**8015B**	0.075 J	0.096 U	0.076 U	0.095 U	0.078 U	0.098 U	0.075 U
Gasoline Range Organics (C6-C12) (µg/L)	**8015B**	--	--	--	--	--	--	--
Gasoline Range Organics (C8-C11)	**8015B**	0.074 U	0.096 U	0.076 UJ	0.095 U	0.078 R	0.098 U	0.075 U

TABLE 15
FUEL HYDROCARBONS ANALYTICAL RESULTS, 2012
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		RD-51C	RD-52A	RD-52A	RD-52B	RD-52B	RD-52C
SampleType:		Primary	Primary	Primary	Primary	Primary	Primary
Sample Name:		RD-51C_071812_01	RD-52A_020612_01	RD-52A_071912_01	RD-52B_020612_01	RD-52B_071912_01	RD-52C_020612_01
Groundwater Unit:		Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth
Lab Name:		TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
Collection Date:		7/18/2012	2/6/2012	7/19/2012	2/6/2012	7/19/2012	2/6/2012
Analyte (mg/L)	**Method**						
Diesel Range Organics (C12-C14)	**8015B**	0.097 U	0.032 U	0.098 U	0.03 U	0.096 U	0.032 U
Diesel Range Organics (C15-C20)	**8015B**	0.097 U	0.032 U	0.098 U	0.03 U	0.096 U	0.032 U
Diesel Range Organics (C21-C30)	**8015B**	0.097 U	0.032 U	0.098 U	0.03 U	0.096 U	0.032 U
Diesel Range Organics (C8-C30)	**8015B**	0.097 U	0.077 U	0.098 U	0.073 U	0.096 U	0.079 U
Gasoline Range Organics (C6-C12) (µg/L)	**8015B**	--	--	--	--	--	--
Gasoline Range Organics (C8-C11)	**8015B**	0.097 U	0.077 U	0.098 U	0.073 U	0.096 U	0.078 U

TABLE 15
FUEL HYDROCARBONS ANALYTICAL RESULTS, 2012
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		RD-52C	RD-53	RD-53	RD-55A	RD-55A	RD-55A	RD-55B
SampleType:		Primary	Primary	Primary	Primary	Field Duplicate	Primary	Primary
Sample Name:		RD-52C_071912_01	RD-53_020612_01	RD-53_080212_01	RD-55A_021412_01	RD-55A_021412_36	RD-55A_072512_01	RD-55B_021412_01
Groundwater Unit:		Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth
Lab Name:		TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
Collection Date:		7/19/2012	2/6/2012	8/2/2012	2/14/2012	2/14/2012	7/25/2012	2/14/2012
Analyte (mg/L)	**Method**							
Diesel Range Organics (C12-C14)	**8015B**	0.1 U	0.031 U	0.095 UJ	0.03 U	0.031 U	0.095 U	0.031 U
Diesel Range Organics (C15-C20)	**8015B**	0.1 U	0.031 U	0.095 U	0.03 U	0.031 U	0.095 U	0.031 U
Diesel Range Organics (C21-C30)	**8015B**	0.1 U	0.031 U	0.095 U	0.03 U	0.031 U	0.095 U	0.031 U
Diesel Range Organics (C8-C30)	**8015B**	0.1 U	0.074 U	0.095 U	0.074 U	0.074 U	0.095 U	0.074 U
Gasoline Range Organics (C6-C12) (µg/L)	**8015B**	--	28 J	100 UJ	100 U	100 U	12 J	100 U
Gasoline Range Organics (C8-C11)	**8015B**	0.1 U	0.074 U	0.095 U	0.074 U	0.074 U	0.095 U	0.074 U

TABLE 15
FUEL HYDROCARBONS ANALYTICAL RESULTS, 2012
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		RD-55B	RD-56A	RD-56A	RD-58C	RD-58C	RD-66	RD-66
SampleType:		Primary	Primary	Primary	Primary	Primary	Primary	Primary
Sample Name:		RD-55B_072512_01	RD-56A_011712_01	RD-56A_072312_01	RD-58C_012412_01	RD-58C_071812_01	RD-66_020212_01	RD-66_080212_01
Groundwater Unit:		Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth
Lab Name:		TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
Collection Date:		7/25/2012	1/17/2012	7/23/2012	1/24/2012	7/18/2012	2/2/2012	8/2/2012
Analyte (mg/L)	**Method**							
Diesel Range Organics (C12-C14)	**8015B**	0.095 U	0.032 U	0.095 U	0.032 U	0.095 U	0.031 UJ	0.095 UJ
Diesel Range Organics (C15-C20)	**8015B**	0.095 U	0.032 U	0.095 U	0.032 U	0.095 U	0.031 U	0.095 U
Diesel Range Organics (C21-C30)	**8015B**	0.095 U	0.032 U	0.095 U	0.088 J	0.095 U	0.031 U	0.095 U
Diesel Range Organics (C8-C30)	**8015B**	0.095 U	0.076 U	0.095 U	0.1 J	0.095 U	0.074 U	0.095 U
Gasoline Range Organics (C6-C12) (µg/L)	**8015B**	10 U	240 J	240	12 J	10 U	10 U	10 U
Gasoline Range Organics (C8-C11)	**8015B**	0.095 U	0.076 U	0.095 U	0.077 U	0.095 U	0.074 UJ	0.095 U

TABLE 15
FUEL HYDROCARBONS ANALYTICAL RESULTS, 2012
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		RD-66	RD-67	RD-67	RD-68A	RD-68A	RD-68B	RD-68B
SampleType:		Field Duplicate	Primary	Primary	Primary	Primary	Primary	Primary
Sample Name:		RD-66_080212_36	RD-67_012512_01	RD-67_072012_01	RD-68A_011212_01	RD-68A_071612_01	RD-68B_011212_01	RD-68B_071612_01
Groundwater Unit:		Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth
Lab Name:		TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
Collection Date:		8/2/2012	1/25/2012	7/20/2012	1/12/2012	7/16/2012	1/12/2012	7/16/2012
Analyte (mg/L)	**Method**							
Diesel Range Organics (C12-C14)	**8015B**	0.095 UJ	0.031 U	0.095 U	0.031 U	0.095 U	0.032 U	0.095 U
Diesel Range Organics (C15-C20)	**8015B**	0.095 U	0.031 U	0.095 U	0.031 U	0.095 U	0.032 U	0.095 U
Diesel Range Organics (C21-C30)	**8015B**	0.095 U	0.031 U	0.095 U	0.031 U	0.095 U	0.032 U	0.095 U
Diesel Range Organics (C8-C30)	**8015B**	0.095 U	0.074 U	0.095 U	0.074 U	0.095 U	0.078 U	0.095 U
Gasoline Range Organics (C6-C12) (µg/L)	**8015B**	10 U	10 U	15 J	--	--	--	--
Gasoline Range Organics (C8-C11)	**8015B**	0.095 U	0.074 U	0.095 U	0.074 U	0.095 U	0.078 U	0.095 U

TABLE 15
FUEL HYDROCARBONS ANALYTICAL RESULTS, 2012
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		RD-71	RD-71	RD-72 (Port 4)	RD-72 (Port 4)	RD-73	RD-73	RD-76
SampleType:		Primary	Primary	Primary	Primary	Primary	Primary	Primary
Sample Name:		RD-71_020212_01	RD-71_080212_01	RD-72_012712_01	RD-72_071612_01	RD-73_021512_01	RD-73_080312_01	RD-76_011812_01
Groundwater Unit:		Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth
Lab Name:		TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
Collection Date:		2/2/2012	8/2/2012	1/27/2012	7/16/2012	2/15/2012	8/3/2012	1/18/2012
Analyte (mg/L)	**Method**							
Diesel Range Organics (C12-C14)	**8015B**	0.031 UJ	0.095 UJ	0.32 U	0.98 U	--	--	0.031 U
Diesel Range Organics (C15-C20)	**8015B**	0.031 U	0.095 U	27	25	--	--	0.054 J
Diesel Range Organics (C21-C30)	**8015B**	0.031 U	0.095 U	0.32 U	0.98 U	--	--	0.031 U
Diesel Range Organics (C8-C30)	**8015B**	0.074 U	0.095 U	27	26	--	--	0.074 U
Gasoline Range Organics (C6-C12) (µg/L)	**8015B**	100 U	100 U	870 J	700	590 J	1200 J	10 U
Gasoline Range Organics (C8-C11)	**8015B**	0.074 UJ	0.095 U	0.76 U	0.98 U	--	--	0.074 U

TABLE 15
FUEL HYDROCARBONS ANALYTICAL RESULTS, 2012
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		RD-76	RD-77	RD-78	RD-78	RD-100	RD-100	RD-104
SampleType:		Primary	Primary	Primary	Primary	Primary	Primary	Primary
Sample Name:		RD-76_071712_01	RD-77_021512_01	RD-78_021012_01	RD-78_080812_01	RD-100_011312_01	RD-100_072012_01A	RD-104_020112_01A
Groundwater Unit:		Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth
Lab Name:		TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
Collection Date:		7/17/2012	2/15/2012	2/10/2012	8/8/2012	1/13/2012	7/20/2012	2/1/2012
Analyte (mg/L)	**Method**							
Diesel Range Organics (C12-C14)	**8015B**	0.095 U	0.031 U	0.03 U	0.095 U	0.032 U	0.099 U	0.035 UJ
Diesel Range Organics (C15-C20)	**8015B**	0.095 U	0.031 U	0.03 U	0.095 U	0.032 U	0.099 U	0.055 J
Diesel Range Organics (C21-C30)	**8015B**	0.095 U	0.031 U	0.03 U	0.095 U	0.032 U	0.099 U	0.035 U
Diesel Range Organics (C8-C30)	**8015B**	0.095 U	0.076 U	0.074 U	0.095 U	0.076 U	0.099 U	0.088 J
Gasoline Range Organics (C6-C12) (µg/L)	**8015B**	10 U	--	16 J	100 U	100 U	12 J	--
Gasoline Range Organics (C8-C11)	**8015B**	0.095 U	0.076 U	0.073 U	0.095 U	0.076 U	0.099 U	0.085 UJ

TABLE 15
FUEL HYDROCARBONS ANALYTICAL RESULTS, 2012
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		RS-32	RS-34	RS-34	WS-04A	WS-04A	WS-05	WS-09A
SampleType:		Primary	Primary	Primary	Primary	Primary	Primary	Primary
Sample Name:		RS-32_080212_01	RS-34_020712_01	RS-34_073112_01	WS-04A_013112_01	WS-04A_073012_01	WS-05_080312_01	WS-09A_022912_01
Groundwater Unit:		Shallow	Shallow	Shallow	Chatsworth	Chatsworth	Chatsworth	Chatsworth
Lab Name:		TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
Collection Date:		8/2/2012	2/7/2012	7/31/2012	1/31/2012	7/30/2012	8/3/2012	2/29/2012
Analyte (mg/L)	**Method**							
Diesel Range Organics (C12-C14)	**8015B**	--	0.031 U	0.095 U	0.031 UJ	0.095 U	0.095 UJ	0.031 U
Diesel Range Organics (C15-C20)	**8015B**	--	0.031 U	0.095 U	0.031 U	0.095 U	0.095 U	0.031 U
Diesel Range Organics (C21-C30)	**8015B**	--	0.031 U	0.095 U	0.031 U	0.095 U	0.095 U	0.031 U
Diesel Range Organics (C8-C30)	**8015B**	--	0.075 U	0.095 U	0.074 U	0.095 U	0.095 U	0.076 U
Gasoline Range Organics (C6-C12) (µg/L)	**8015B**	100 U	--	--	--	--	100 U	--
Gasoline Range Organics (C8-C11)	**8015B**	--	0.075 U	0.095 U	0.074 R	0.095 U	0.095 U	0.076 U

TABLE 15
FUEL HYDROCARBONS ANALYTICAL RESULTS, 2012
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		WS-09A	WS-14
SampleType:		Primary	Primary
Sample Name:		WS-09A_072012_01	WS-14_091012_01
Groundwater Unit:		Chatsworth	Chatsworth
Lab Name:		TA- Denver	TA- Denver
Collection Date:		7/20/2012	9/10/2012
Analyte (mg/L)	**Method**		
Diesel Range Organics (C12-C14)	**8015B**	0.096 U	0.1 U
Diesel Range Organics (C15-C20)	**8015B**	0.096 U	0.1 U
Diesel Range Organics (C21-C30)	**8015B**	0.096 U	0.1 U
Diesel Range Organics (C8-C30)	**8015B**	0.096 U	0.1 U
Gasoline Range Organics (C6-C12) (µg/L)	**8015B**	--	10 U
Gasoline Range Organics (C8-C11)	**8015B**	0.096 U	0.1 U

NOTES AND ABBREVIATIONS

Chatsworth - Chatsworth Formation groundwater unit
Shallow - Near-surface groundwater unit

mg/L - milligrams per liter
µg/L - micrograms per liter

-- Not available
J - Result is estimated
R - Result is rejected
U - Not detected above the method detection limit (MDL) or reporting limit (RL)
UJ - The result is not detected; however, the RL/MDL is estimated

TABLE 16
INORGANIC CONSTITUENTS ANALYTICAL RESULTS, 2012
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		ES-01	ES-01	ES-17	ES-17	ES-26	ES-26	ES-27	ES-27
SampleType:		Primary	Primary	Primary	Primary	Primary	Field Duplicate	Primary	Primary
Sample Name:		ES-01_020912_01	ES-01_073012_01	ES-17_020312_01	ES-17_080712_01	ES-26_021512_01	ES-26_021512_36	ES-27_020112_01	ES-27_080712_01
Groundwater Unit:		Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow
Lab Name:		TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
Collection Date:		2/9/2012	7/30/2012	2/3/2012	8/7/2012	2/15/2012	2/15/2012	2/1/2012	8/7/2012
Analyte (mg/L)	**Method**								
Ammonia-N	**350.1**	--	--	0.055 U	0.12 J	1.1	1	0.067 J	0.058 J
Bromide	**300.0**	--	--	--	--	--	--	--	--
Chloride	**300.0**	51	38	31	--	93	92	--	--
Cyanides	**9012**	--	--	0.002 U	--	--	--	0.002 U	--
Cyanides	**9014**	--	--	--	--	--	--	--	--
Fluoride	**300.0**	--	--	0.94	0.93	0.51	0.52	0.76	0.7
Nitrate-NO3	**300.0**	0.21 J	1 J	16	14	1.5 J	2.5	18	13
Nitrite-N	**300.0**	--	--	--	--	--	--	--	--
Ph (pH Units)	**9040B**	--	--	7.4	7.5	8.02 J	7.84 J	7.51 J	7.46
Phosphate	**300.0**	--	--	--	--	--	--	--	--
Specific conductivity (µmhos/cm)	**2510B**	--	--	930	--	1200	1200	--	--
Sulfate	**300.0**	--	--	96	--	130	130	--	--
Sulfide	**4500**	--	--	0.007 U	--	--	--	0.007 U	--
Sulfide	**4500 S D**	--	--	--	--	--	--	--	--
Total Alkalinity	**2320B**	--	--	350	--	340	340	--	--
Total Dissolved Solids	**2540C**	--	--	550	--	710	690	--	--
Turbidity (NTU)	**180.1**	--	--	0.2 U	--	39	28	--	--
Turbidity (NTU)	**2130B**	--	--	--	--	--	--	--	--

TABLE 16
INORGANIC CONSTITUENTS ANALYTICAL RESULTS, 2012
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		ES-28	ES-28	ES-29	ES-29	HAR-01	HAR-01	HAR-05
SampleType:		Primary	Primary	Primary	Primary	Primary	Primary	Primary
Sample Name:		ES-28_021012_01	ES-28_073112_01	ES-29_012412_01	ES-29_073112_01	HAR-01_020812_01	HAR-01_080312_01	HAR-05_021012_01
Groundwater Unit:		Shallow	Shallow	Shallow	Shallow	Chatsworth	Chatsworth	Chatsworth
Lab Name:		TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
Collection Date:		2/10/2012	7/31/2012	1/24/2012	7/31/2012	2/8/2012	8/3/2012	2/10/2012
Analyte (mg/L)	**Method**							
Ammonia-N	**350.1**	--	--	--	--	0.062 J	0.055 U	0.055 U
Bromide	**300.0**	--	--	--	--	--	--	--
Chloride	**300.0**	--	--	89	92	--	--	--
Cyanides	**9012**	--	--	--	--	0.002 U	--	--
Cyanides	**9014**	--	--	--	--	--	--	--
Fluoride	**300.0**	--	--	--	--	1	1	0.32 J
Nitrate-NO3	**300.0**	13	16	20	21	44	40	0.53 J
Nitrite-N	**300.0**	--	--	--	--	--	--	--
Ph (pH Units)	**9040B**	--	--	--	--	7.05 J	6.91	7.53
Phosphate	**300.0**	--	--	--	--	--	--	--
Specific conductivity (µmhos/cm)	**2510B**	--	--	--	--	--	--	--
Sulfate	**300.0**	--	--	--	--	--	--	--
Sulfide	**4500**	--	--	--	--	0.007 U	--	--
Sulfide	**4500 S D**	--	--	--	--	--	--	--
Total Alkalinity	**2320B**	--	--	--	--	--	--	--
Total Dissolved Solids	**2540C**	--	--	--	--	--	--	--
Turbidity (NTU)	**180.1**	--	--	--	--	--	--	--
Turbidity (NTU)	**2130B**	--	--	--	--	--	--	--

TABLE 16
INORGANIC CONSTITUENTS ANALYTICAL RESULTS, 2012
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		HAR-05	HAR-07	HAR-07	HAR-07	HAR-07	HAR-08	HAR-08
SampleType:		Primary	Primary	Field Duplicate	Primary	Field Duplicate	Primary	Primary
Sample Name:		HAR-05_072412_01	HAR-07_013112_01	HAR-07_013112_36	HAR-07_072612_01	HAR-07_072612_36	HAR-08_012712_01	HAR-08_072712_01
Groundwater Unit:		Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth
Lab Name:		TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
Collection Date:		7/24/2012	1/31/2012	1/31/2012	7/26/2012	7/26/2012	1/27/2012	7/27/2012
Analyte (mg/L)	**Method**							
Ammonia-N	**350.1**	0.18 J	0.055 U	0.055 U	0.16 J	--	0.055 U	0.058 J
Bromide	**300.0**	--	--	--	--	--	--	--
Chloride	**300.0**	--	--	--	--	--	--	--
Cyanides	**9012**	--	0.0022 J	0.0026 J	0.002 U	0.002 U	0.002 U	--
Cyanides	**9014**	--	--	--	--	--	--	--
Fluoride	**300.0**	0.29 J	0.27 J	0.26 J	0.25 J	--	0.18 J	0.2 J
Nitrate-NO3	**300.0**	0.29 J	0.27 J	0.26 J	0.23 J	--	0.19 U	0.19 U
Nitrite-N	**300.0**	--	--	--	--	--	--	--
Ph (pH Units)	**9040B**	7.44 J	6.94 J	7.04 J	7.05 J	--	7.18	7 J
Phosphate	**300.0**	--	--	--	--	--	--	--
Specific conductivity (µmhos/cm)	**2510B**	--	--	--	--	--	--	--
Sulfate	**300.0**	--	--	--	--	--	--	--
Sulfide	**4500**	--	0.007 U	0.007 U	--	--	0.007 U	--
Sulfide	**4500 S D**	--	--	--	--	--	--	--
Total Alkalinity	**2320B**	--	--	--	--	--	--	--
Total Dissolved Solids	**2540C**	--	--	--	--	--	--	--
Turbidity (NTU)	**180.1**	--	--	--	--	--	--	--
Turbidity (NTU)	**2130B**	--	--	--	--	--	--	--

TABLE 16
INORGANIC CONSTITUENTS ANALYTICAL RESULTS, 2012
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		HAR-09	HAR-09	HAR-09	HAR-09	HAR-09	HAR-11	HAR-11
SampleType:		Primary	Split	Primary	Field Duplicate	Split	Primary	Primary
Sample Name:		HAR-09_012512_01	HAR-09_012512_03	HAR-09_071612_01	HAR-09_071612_36	HAR-09_071612_03	HAR-11_020712_01	HAR-11_072612_01
Groundwater Unit:		Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow
Lab Name:		TA- Denver	TA- Irvine	TA- Denver	TA- Denver	TA- Irvine	TA- Denver	TA- Denver
Collection Date:		1/25/2012	1/25/2012	7/16/2012	7/16/2012	7/16/2012	2/7/2012	7/26/2012
Analyte (mg/L)	**Method**							
Ammonia-N	**350.1**	0.29 J	0.29	0.34 J	--	--	0.12 J	0.1 J
Bromide	**300.0**	--	--	--	--	--	--	--
Chloride	**300.0**	61	63	--	--	--	--	--
Cyanides	**9012**	0.0021 J	--	0.0032 J	0.0029 J	--	0.0034 J	0.0061 J
Cyanides	**9014**	--	0.0022 UJ	--	--	--	--	--
Fluoride	**300.0**	0.27 J	0.48 J	0.33 J	--	--	0.71	0.68
Nitrate-NO3	**300.0**	0.19 U	0.25 U	0.25 J	--	--	0.19 U	0.19 U
Nitrite-N	**300.0**	--	--	--	--	--	--	--
Ph (pH Units)	**9040B**	7.26 J	7.9	--	--	--	--	--
Phosphate	**300.0**	--	--	--	--	--	--	--
Specific conductivity (µmhos/cm)	**2510B**	1600	1700	--	--	--	--	--
Sulfate	**300.0**	330	330	--	--	--	--	--
Sulfide	**4500**	0.018 J	0.047 J	0.007 U	0.007 U	--	0.007 U	--
Sulfide	**4500 S D**	--	--	--	--	0.024 J	--	--
Total Alkalinity	**2320B**	550	510	--	--	--	--	--
Total Dissolved Solids	**2540C**	1100	1100	--	--	--	--	--
Turbidity (NTU)	**180.1**	55	--	--	--	--	--	--
Turbidity (NTU)	**2130B**	--	41	--	--	--	--	--

TABLE 16
INORGANIC CONSTITUENTS ANALYTICAL RESULTS, 2012
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		HAR-11	HAR-12	HAR-12	HAR-13	HAR-14	HAR-14	HAR-15
SampleType:		Field Duplicate	Primary	Primary	Primary	Primary	Primary	Primary
Sample Name:		HAR-11_072612_36	HAR-12_020912_01	HAR-12_071612_01	HAR-13_020912_01	HAR-14_020912_01	HAR-14_071612_01	HAR-15_012412_01
Groundwater Unit:		Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow
Lab Name:		TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
Collection Date:		7/26/2012	2/9/2012	7/16/2012	2/9/2012	2/9/2012	7/16/2012	1/24/2012
Analyte (mg/L)	**Method**							
Ammonia-N	**350.1**	--	0.055 U	0.12 J	0.055 U	0.055 U	0.11 J	0.14 J
Bromide	**300.0**	--	--	--	--	--	--	--
Chloride	**300.0**	--	20	--	11	18	--	--
Cyanides	**9012**	0.002 U	0.002 U	--	--	0.002 U	--	0.002 U
Cyanides	**9014**	--	--	--	--	--	--	--
Fluoride	**300.0**	--	0.47 J	0.51	0.38 J	0.41 J	0.43 U	1
Nitrate-NO3	**300.0**	--	3.6	2.6	11	22	16	0.19 U
Nitrite-N	**300.0**	--	--	--	--	--	--	--
Ph (pH Units)	**9040B**	--	7.02	7.38 J	6.83	7.27	7.39 J	6.69 J
Phosphate	**300.0**	--	--	--	--	--	--	--
Specific conductivity (µmhos/cm)	**2510B**	--	720	--	290	610	--	--
Sulfate	**300.0**	--	64	--	12	37	--	--
Sulfide	**4500**	--	0.007 U	--	--	0.007 U	--	0.007 U
Sulfide	**4500 S D**	--	--	--	--	--	--	--
Total Alkalinity	**2320B**	--	300	--	120	230	--	--
Total Dissolved Solids	**2540C**	--	420	--	220	340	--	--
Turbidity (NTU)	**180.1**	--	0.2 U	--	6.3	0.2 U	--	--
Turbidity (NTU)	**2130B**	--	--	--	--	--	--	--

TABLE 16
INORGANIC CONSTITUENTS ANALYTICAL RESULTS, 2012
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		HAR-15	HAR-16	HAR-16	HAR-19	HAR-19	HAR-19	HAR-19
SampleType:		Primary	Primary	Primary	Primary	Field Duplicate	Primary	Field Duplicate
Sample Name:		HAR-15_072412_01	HAR-16_012312_01	HAR-16_072312_01	HAR-19_020112_01	HAR-19_020112_36	HAR-19_072612_01	HAR-19_072612_36
Groundwater Unit:		Shallow	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth
Lab Name:		TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
Collection Date:		7/24/2012	1/23/2012	7/23/2012	2/1/2012	2/1/2012	7/26/2012	7/26/2012
Analyte (mg/L)	**Method**							
Ammonia-N	**350.1**	0.1 J	0.055 U	0.095 J	0.083 J	0.055 U	0.11 J	0.2 J
Bromide	**300.0**	--	--	--	--	--	--	--
Chloride	**300.0**	--	39	--	73	73	--	--
Cyanides	**9012**	--	0.002 U	--	0.002 J	0.002 U	0.0021 U	0.002 U
Cyanides	**9014**	--	--	--	--	--	--	--
Fluoride	**300.0**	0.85	0.37 J	0.34 J	0.11 J	0.11 J	0.11 J	0.11 J
Nitrate-NO3	**300.0**	0.35 J	24	22	0.19 U	0.19 U	0.19 U	0.19 U
Nitrite-N	**300.0**	--	--	--	--	--	--	--
Ph (pH Units)	**9040B**	6.7 J	7.44 J	6.9 J	7.33 J	7.13 J	--	--
Phosphate	**300.0**	--	--	--	--	--	--	--
Specific conductivity (µmhos/cm)	**2510B**	--	480	--	1400	1500	--	--
Sulfate	**300.0**	--	39	--	300	270	--	--
Sulfide	**4500**	--	0.007 U	--	0.007 U	0.007 U	--	--
Sulfide	**4500 S D**	--	--	--	--	--	--	--
Total Alkalinity	**2320B**	--	130	--	440	440	--	--
Total Dissolved Solids	**2540C**	--	310	--	910	910	--	--
Turbidity (NTU)	**180.1**	--	1.3	--	0.2 U	0.2 U	--	--
Turbidity (NTU)	**2130B**	--	--	--	--	--	--	--

TABLE 16
INORGANIC CONSTITUENTS ANALYTICAL RESULTS, 2012
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		HAR-20	HAR-20	HAR-21	HAR-21	HAR-21	HAR-21	HAR-23
SampleType:		Primary	Primary	Primary	Primary	Field Duplicate	Split	Primary
Sample Name:		HAR-20_012312_01	HAR-20_072312_01	HAR-21_012512_01	HAR-21_071612_01	HAR-21_071612_36	HAR-21_071612_03	HAR-23_021012_01
Groundwater Unit:		Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth
Lab Name:		TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Irvine	TA- Denver
Collection Date:		1/23/2012	7/23/2012	1/25/2012	7/16/2012	7/16/2012	7/16/2012	2/10/2012
Analyte (mg/L)	**Method**							
Ammonia-N	**350.1**	0.055 U	0.079 J	0.059 J	0.16 J	--	--	0.055 U
Bromide	**300.0**	--	--	--	--	--	--	--
Chloride	**300.0**	--	--	--	--	--	--	--
Cyanides	**9012**	0.002 U	--	0.002 U	--	--	--	--
Cyanides	**9014**	--	--	--	--	--	--	--
Fluoride	**300.0**	0.22 J	0.27 J	0.36 J	0.46 J	--	--	0.43 J
Nitrate-NO3	**300.0**	0.9 J	0.19 U	0.19 U	0.19 U	--	--	25
Nitrite-N	**300.0**	--	--	--	--	--	--	--
Ph (pH Units)	**9040B**	--	--	--	--	--	--	7.1
Phosphate	**300.0**	--	--	--	--	--	--	--
Specific conductivity (µmhos/cm)	**2510B**	--	--	--	--	--	--	--
Sulfate	**300.0**	--	--	--	--	--	--	--
Sulfide	**4500**	0.007 U	--	0.018 J	0.007 U	0.007 U	--	--
Sulfide	**4500 S D**	--	--	--	--	--	0.02 J	--
Total Alkalinity	**2320B**	--	--	--	--	--	--	--
Total Dissolved Solids	**2540C**	--	--	--	--	--	--	--
Turbidity (NTU)	**180.1**	--	--	--	--	--	--	--
Turbidity (NTU)	**2130B**	--	--	--	--	--	--	--

TABLE 16
INORGANIC CONSTITUENTS ANALYTICAL RESULTS, 2012
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		HAR-23	HAR-24	HAR-24	HAR-25	HAR-25	HAR-26	HAR-26
SampleType:		Primary	Primary	Primary	Primary	Primary	Primary	Primary
Sample Name:		HAR-23_072412_01	HAR-24_012412_01	HAR-24_080112_01	HAR-25_021012_01	HAR-25_080112_01	HAR-26_020912_01	HAR-26_073112_01
Groundwater Unit:		Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth
Lab Name:		TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
Collection Date:		7/24/2012	1/24/2012	8/1/2012	2/10/2012	8/1/2012	2/9/2012	7/31/2012
Analyte (mg/L)	**Method**							
Ammonia-N	**350.1**	0.063 J	--	--	0.065 J	0.055 U	0.055 U	0.055 U
Bromide	**300.0**	--	--	--	--	--	--	--
Chloride	**300.0**	--	--	--	--	--	--	--
Cyanides	**9012**	--	--	--	--	--	0.002 U	--
Cyanides	**9014**	--	--	--	--	--	--	--
Fluoride	**300.0**	0.4 J	--	--	1.3	1.3	0.73	0.73
Nitrate-NO3	**300.0**	16	21	1.6 J	8.2	8.9	0.19 U	0.21 J
Nitrite-N	**300.0**	--	--	--	--	--	--	--
Ph (pH Units)	**9040B**	7.4 J	--	--	6.99	7.04 J	8.16	8.15 J
Phosphate	**300.0**	--	--	--	--	--	--	--
Specific conductivity (µmhos/cm)	**2510B**	--	--	--	--	--	--	--
Sulfate	**300.0**	--	--	--	--	--	--	--
Sulfide	**4500**	--	--	--	--	--	0.007 U	--
Sulfide	**4500 S D**	--	--	--	--	--	--	--
Total Alkalinity	**2320B**	--	--	--	--	--	--	--
Total Dissolved Solids	**2540C**	--	--	--	--	--	--	--
Turbidity (NTU)	**180.1**	--	--	--	--	--	--	--
Turbidity (NTU)	**2130B**	--	--	--	--	--	--	--

TABLE 16
INORGANIC CONSTITUENTS ANALYTICAL RESULTS, 2012
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		HAR-27	HAR-27	HAR-27	HAR-28	HAR-28	HAR-29	HAR-29
SampleType:		Primary	Primary	Field Duplicate	Primary	Primary	Primary	Primary
Sample Name:		HAR-27_012712_01	HAR-27_072712_01	HAR-27_072712_36	HAR-28_012712_01	HAR-28_072712_01	HAR-29_012712_01	HAR-29_072712_01
Groundwater Unit:		Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow
Lab Name:		TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
Collection Date:		1/27/2012	7/27/2012	7/27/2012	1/27/2012	7/27/2012	1/27/2012	7/27/2012
Analyte (mg/L)	**Method**							
Ammonia-N	**350.1**	0.61	0.63	--	0.055 U	0.055 U	0.055 U	0.061 J
Bromide	**300.0**	--	--	--	--	--	--	--
Chloride	**300.0**	22	--	--	29	--	18	--
Cyanides	**9012**	0.0025 J	0.0024 J	0.0027 J	0.002 U	--	0.002 J	0.0021 U
Cyanides	**9014**	--	--	--	--	--	--	--
Fluoride	**300.0**	0.74	0.72	--	0.2 J	0.22 J	0.27 J	0.27 J
Nitrate-NO3	**300.0**	0.19 U	0.19 U	--	0.19 U	1.2 J	45	15
Nitrite-N	**300.0**	--	--	--	--	--	--	--
Ph (pH Units)	**9040B**	6.92	7.13 J	--	6.98	7.16 J	7.14	7.25 J
Phosphate	**300.0**	--	--	--	--	--	--	--
Specific conductivity (µmhos/cm)	**2510B**	1300	--	--	1200	--	1200	--
Sulfate	**300.0**	25	--	--	120	--	90	--
Sulfide	**4500**	0.007 U	--	--	0.007 U	--	0.007 U	--
Sulfide	**4500 S D**	--	--	--	--	--	--	--
Total Alkalinity	**2320B**	700	--	--	530	--	500	--
Total Dissolved Solids	**2540C**	800	--	--	740	--	700	--
Turbidity (NTU)	**180.1**	88	--	--	0.2 U	--	0.2 U	--
Turbidity (NTU)	**2130B**	--	--	--	--	--	--	--

TABLE 16
INORGANIC CONSTITUENTS ANALYTICAL RESULTS, 2012
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		HAR-29	HAR-30	HAR-30	HAR-30	HAR-31	HAR-32	HAR-32
SampleType:		Field Duplicate	Primary	Primary	Field Duplicate	Primary	Primary	Primary
Sample Name:		HAR-29_072712_36	HAR-30_020712_01	HAR-30_072412_01	HAR-30_072412_36	HAR-31_012412_01	HAR-32_021412_01	HAR-32_080812_01
Groundwater Unit:		Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow
Lab Name:		TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
Collection Date:		7/27/2012	2/7/2012	7/24/2012	7/24/2012	1/24/2012	2/14/2012	8/8/2012
Analyte (mg/L)	**Method**							
Ammonia-N	**350.1**	--	0.055 U	0.096 J	0.086 J	0.055 U	0.055 U	0.055 U
Bromide	**300.0**	--	--	--	--	--	--	--
Chloride	**300.0**	--	57	--	--	17	--	--
Cyanides	**9012**	0.002 U	0.0034 J	0.002 U	0.002 U	--	--	--
Cyanides	**9014**	--	--	--	--	--	--	--
Fluoride	**300.0**	--	0.58	0.54	0.53	0.81	0.65	0.67
Nitrate-NO3	**300.0**	--	1.6 J	1.6 J	1.6 J	2.6	21	22
Nitrite-N	**300.0**	--	--	--	--	--	--	--
Ph (pH Units)	**9040B**	--	6.99	6.88 J	6.99 J	7.39 J	7.32 J	7.36
Phosphate	**300.0**	--	--	--	--	--	--	--
Specific conductivity (µmhos/cm)	**2510B**	--	1200	--	--	740	--	--
Sulfate	**300.0**	--	170	--	--	99	--	--
Sulfide	**4500**	--	0.007 U	--	--	--	--	--
Sulfide	**4500 S D**	--	--	--	--	--	--	--
Total Alkalinity	**2320B**	--	380	--	--	280	--	--
Total Dissolved Solids	**2540C**	--	730	--	--	450	--	--
Turbidity (NTU)	**180.1**	--	0.2 U	--	--	0.2 U	--	--
Turbidity (NTU)	**2130B**	--	--	--	--	--	--	--

TABLE 16
INORGANIC CONSTITUENTS ANALYTICAL RESULTS, 2012
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		HAR-33	HAR-33	HAR-33	HAR-33	OS-02	OS-03	OS-04
SampleType:		Primary	Primary	Field Duplicate	Split	Primary	Primary	Primary
Sample Name:		HAR-33_021512_01	HAR-33_080812_01	HAR-33_080812_36	HAR-33_080812_03	OS-02_011112_01	OS-03_011112_01	OS-04_011112_01
Groundwater Unit:		Shallow	Shallow	Shallow	Shallow	Chatsworth	Chatsworth	Chatsworth
Lab Name:		TA- Denver	TA- Denver	TA- Denver	TA- Irvine	TA- Denver	TA- Denver	TA- Denver
Collection Date:		2/15/2012	8/8/2012	8/8/2012	8/8/2012	1/11/2012	1/11/2012	1/11/2012
Analyte (mg/L)	**Method**							
Ammonia-N	**350.1**	0.057 J	0.055 J	--	--	--	--	--
Bromide	**300.0**	--	--	--	--	--	--	--
Chloride	**300.0**	--	--	--	--	--	--	--
Cyanides	**9012**	0.002 U	--	--	--	--	--	--
Cyanides	**9014**	--	--	--	--	--	--	--
Fluoride	**300.0**	0.64	0.75	--	--	5.6	0.8	0.57
Nitrate-NO3	**300.0**	8.6	10	--	--	--	--	--
Nitrite-N	**300.0**	--	--	--	--	--	--	--
Ph (pH Units)	**9040B**	8.08 J	7.39 J	--	--	--	--	--
Phosphate	**300.0**	--	--	--	--	--	--	--
Specific conductivity (µmhos/cm)	**2510B**	--	--	--	--	--	--	--
Sulfate	**300.0**	--	--	--	--	--	--	--
Sulfide	**4500**	0.042 J	0.007 U	0.007 U	--	--	--	--
Sulfide	**4500 S D**	--	--	--	0.02 UJ	--	--	--
Total Alkalinity	**2320B**	--	--	--	--	--	--	--
Total Dissolved Solids	**2540C**	--	--	--	--	--	--	--
Turbidity (NTU)	**180.1**	--	--	--	--	--	--	--
Turbidity (NTU)	**2130B**	--	--	--	--	--	--	--

TABLE 16
INORGANIC CONSTITUENTS ANALYTICAL RESULTS, 2012
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		PZ-060	PZ-060	PZ-060	PZ-060	PZ-076	PZ-076	PZ-139
SampleType:		Primary	Primary	Field Duplicate	Split	Primary	Primary	Primary
Sample Name:		PZ-060_011312_01	PZ-060_072612_01A	PZ-060_072612_36A	PZ-060_072612_03A	PZ-076_020112_01	PZ-076_073012_01	PZ-139_013012_01A
Groundwater Unit:		Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow
Lab Name:		TA- Denver	TA- Denver	TA- Denver	TA- Irvine	TA- Denver	TA- Denver	TA- Denver
Collection Date:		1/13/2012	7/26/2012	7/26/2012	7/26/2012	2/1/2012	7/30/2012	1/30/2012
Analyte (mg/L)	**Method**							
Ammonia-N	**350.1**	0.14 J	0.44 U	--	--	--	--	--
Bromide	**300.0**	--	--	--	--	--	--	0.31 J
Chloride	**300.0**	--	--	--	--	120	260	25
Cyanides	**9012**	0.0051 J	0.002 U	0.002 U	--	--	--	--
Cyanides	**9014**	--	--	--	--	--	--	--
Fluoride	**300.0**	0.49 J	0.37 J	--	--	--	--	1.2
Nitrate-NO3	**300.0**	0.19 U	0.19 U	--	--	7.2	0.78 J	4.7
Nitrite-N	**300.0**	--	--	--	--	--	--	0.16 U
Ph (pH Units)	**9040B**	--	--	--	--	--	--	--
Phosphate	**300.0**	--	--	--	--	--	--	0.57 U
Specific conductivity (µmhos/cm)	**2510B**	--	--	--	--	--	--	--
Sulfate	**300.0**	--	--	--	--	--	--	120
Sulfide	**4500**	0.0079 J	0.028 J	0.14	--	--	--	--
Sulfide	**4500 S D**	--	--	--	0.08 J	--	--	--
Total Alkalinity	**2320B**	--	--	--	--	--	--	--
Total Dissolved Solids	**2540C**	--	--	--	--	--	--	--
Turbidity (NTU)	**180.1**	--	--	--	--	--	--	--
Turbidity (NTU)	**2130B**	--	--	--	--	--	--	--

TABLE 16
INORGANIC CONSTITUENTS ANALYTICAL RESULTS, 2012
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		PZ-139	PZ-139	PZ-140	PZ-140	PZ-140	PZ-140	PZ-141
SampleType:		Primary	Split	Primary	Split	Primary	Field Duplicate	Primary
Sample Name:		PZ-139_071812_01A	PZ-139_071812_03A	PZ-140_013112_01	PZ-140_013112_03	PZ-140_071912_01	PZ-140_071912_36	PZ-141_011212_01
Groundwater Unit:		Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow
Lab Name:		TA- Denver	TA- Irvine	TA- Denver	TA- Irvine	TA- Denver	TA- Denver	TA- Denver
Collection Date:		7/18/2012	7/18/2012	1/31/2012	1/31/2012	7/19/2012	7/19/2012	1/12/2012
Analyte (mg/L)	**Method**							
Ammonia-N	**350.1**	--	--	--	--	--	--	--
Bromide	**300.0**	0.32 J	0.64	0.45 J	0.98	0.43 J	0.43 J	0.2 J
Chloride	**300.0**	29	29	130	130	110	110	65
Cyanides	**9012**	--	--	--	--	--	--	--
Cyanides	**9014**	--	--	--	--	--	--	--
Fluoride	**300.0**	1.3	1.2	0.39 J	0.65	0.39 J	0.37 J	0.43 J
Nitrate-NO3	**300.0**	5	4.9	12	12	7.1	7.9	3.2
Nitrite-N	**300.0**	0.17 J	0.29	0.16 U	0.11 U	0.16 U	0.16 U	0.16 U
Ph (pH Units)	**9040B**	--	--	--	--	--	--	--
Phosphate	**300.0**	0.57 U	0.13 U	0.57 U	0.13 U	0.57 U	0.57 U	0.57 U
Specific conductivity (µmhos/cm)	**2510B**	--	--	--	--	--	--	--
Sulfate	**300.0**	130	120	130	140	120	120	290
Sulfide	**4500**	--	--	--	--	--	--	--
Sulfide	**4500 S D**	--	--	--	--	--	--	--
Total Alkalinity	**2320B**	--	--	--	--	--	--	--
Total Dissolved Solids	**2540C**	--	--	--	--	--	--	--
Turbidity (NTU)	**180.1**	--	--	--	--	--	--	--
Turbidity (NTU)	**2130B**	--	--	--	--	--	--	--

TABLE 16
INORGANIC CONSTITUENTS ANALYTICAL RESULTS, 2012
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		PZ-141	PZ-141	PZ-158	PZ-159	PZ-159	RD-03	RD-03
SampleType:		Field Duplicate	Primary	Primary	Primary	Primary	Primary	Primary
Sample Name:		PZ-141_011212_36	PZ-141_071912_01A	PZ-158_012012_01A	PZ-159_020712_01	PZ-159_072512_01A	RD-03_011312_01	RD-03_072012_01
Groundwater Unit:		Shallow	Shallow	Shallow	Shallow	Shallow	Chatsworth	Chatsworth
Lab Name:		TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
Collection Date:		1/12/2012	7/19/2012	1/20/2012	2/7/2012	7/25/2012	1/13/2012	7/20/2012
Analyte (mg/L)	**Method**							
Ammonia-N	**350.1**	--	--	--	--	--	0.055 U	0.07 J
Bromide	**300.0**	0.19 J	0.22 J	0.47 J	0.11 U	0.12 J	--	--
Chloride	**300.0**	63	60	130	18	14	61	58
Cyanides	**9012**	--	--	--	--	--	--	--
Cyanides	**9014**	--	--	--	--	--	--	--
Fluoride	**300.0**	0.43 J	0.4 J	0.45 J	0.42 J	0.37 J	0.44 J	0.44 J
Nitrate-NO3	**300.0**	4.5	1.3 J	0.19 U	0.19 J	0.33 U	0.19 U	0.19 U
Nitrite-N	**300.0**	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	--	--
Ph (pH Units)	**9040B**	--	--	--	--	--	7.33	7.28
Phosphate	**300.0**	0.57 U	0.57 U	0.57 U	0.57 U	0.57 U	--	--
Specific conductivity (µmhos/cm)	**2510B**	--	--	--	--	--	--	--
Sulfate	**300.0**	280	290	230	48	40	--	--
Sulfide	**4500**	--	--	--	--	--	--	--
Sulfide	**4500 S D**	--	--	--	--	--	--	--
Total Alkalinity	**2320B**	--	--	--	--	--	--	--
Total Dissolved Solids	**2540C**	--	--	--	--	--	--	--
Turbidity (NTU)	**180.1**	--	--	--	--	--	--	--
Turbidity (NTU)	**2130B**	--	--	--	--	--	--	--

TABLE 16
INORGANIC CONSTITUENTS ANALYTICAL RESULTS, 2012
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		RD-05A	RD-05A	RD-05B	RD-05B	RD-05C	RD-05C	RD-06
SampleType:		Primary	Primary	Primary	Primary	Primary	Primary	Primary
Sample Name:		RD-05A_012512_01	RD-05A_071712_01	RD-05B_012512_01	RD-05B_071712_01	RD-05C_012512_01	RD-05C_071712_01	RD-06_013112_01
Groundwater Unit:		Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth
Lab Name:		TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
Collection Date:		1/25/2012	7/17/2012	1/25/2012	7/17/2012	1/25/2012	7/17/2012	1/31/2012
Analyte (mg/L)	**Method**							
Ammonia-N	**350.1**	0.055 U	0.1 J	0.083 J	0.11 J	0.18 J	0.29 J	0.055 U
Bromide	**300.0**	--	--	--	--	--	--	--
Chloride	**300.0**	--	--	--	--	--	--	--
Cyanides	**9012**	--	--	--	--	--	--	--
Cyanides	**9014**	--	--	--	--	--	--	--
Fluoride	**300.0**	0.2 J	0.06 U	0.062 J	0.077 J	0.16 J	0.22 J	0.66
Nitrate-NO3	**300.0**	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.25 J	0.19 U
Nitrite-N	**300.0**	--	--	--	--	--	--	--
Ph (pH Units)	**9040B**	7.36 J	7.99 J	9.32 J	9.3 J	7.82 J	7.6 J	7.28 J
Phosphate	**300.0**	--	--	--	--	--	--	--
Specific conductivity (µmhos/cm)	**2510B**	--	--	--	--	--	--	--
Sulfate	**300.0**	--	--	--	--	--	--	--
Sulfide	**4500**	--	--	--	--	--	--	--
Sulfide	**4500 S D**	--	--	--	--	--	--	--
Total Alkalinity	**2320B**	--	--	--	--	--	--	--
Total Dissolved Solids	**2540C**	--	--	--	--	--	--	--
Turbidity (NTU)	**180.1**	--	--	--	--	--	--	--
Turbidity (NTU)	**2130B**	--	--	--	--	--	--	--

TABLE 16
INORGANIC CONSTITUENTS ANALYTICAL RESULTS, 2012
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		RD-06	RD-08	RD-08	RD-11	RD-11	RD-11	RD-11
SampleType:		Primary	Primary	Primary	Primary	Primary	Field Duplicate	Split
Sample Name:		RD-06_072012_01	RD-08_020912_01	RD-08_073012_01	RD-11_012612_01	RD-11_080312_01	RD-11_080312_36	RD-11_080312_03
Groundwater Unit:		Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth
Lab Name:		TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Irvine
Collection Date:		7/20/2012	2/9/2012	7/30/2012	1/26/2012	8/3/2012	8/3/2012	8/3/2012
Analyte (mg/L)	**Method**							
Ammonia-N	**350.1**	0.065 J	0.15 J	0.055 U	1.4	0.83	--	--
Bromide	**300.0**	--	--	--	--	--	--	--
Chloride	**300.0**	--	--	--	--	--	--	--
Cyanides	**9012**	--	0.002 U	--	0.002 U	--	--	--
Cyanides	**9014**	--	--	--	--	--	--	--
Fluoride	**300.0**	0.68	0.25 J	0.22 J	0.57	0.57	--	--
Nitrate-NO3	**300.0**	0.19 U	0.19 U	0.2 J	0.19 U	0.19 U	--	--
Nitrite-N	**300.0**	--	--	--	--	--	--	--
Ph (pH Units)	**9040B**	7.23	8.33	8.38 J	8.23 J	8.22	--	--
Phosphate	**300.0**	--	--	--	--	--	--	--
Specific conductivity (µmhos/cm)	**2510B**	--	--	--	--	--	--	--
Sulfate	**300.0**	--	--	--	--	--	--	--
Sulfide	**4500**	--	0.007 U	--	0.25	0.11 U	0.11 U	--
Sulfide	**4500 S D**	--	--	--	--	--	--	0.23 U
Total Alkalinity	**2320B**	--	--	--	--	--	--	--
Total Dissolved Solids	**2540C**	--	--	--	--	--	--	--
Turbidity (NTU)	**180.1**	--	--	--	--	--	--	--
Turbidity (NTU)	**2130B**	--	--	--	--	--	--	--

TABLE 16
INORGANIC CONSTITUENTS ANALYTICAL RESULTS, 2012
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		RD-12	RD-12	RD-14	RD-18	RD-18	RD-19	RD-34A	RD-34C
SampleType:		Primary	Primary	Primary	Primary	Field Duplicate	Primary	Primary	Primary
Sample Name:		RD-12_012612_01	RD-12_080312_01	RD-14_011812_01	RD-18_011812_01	RD-18_011812_36	RD-19_011812_01	RD-34A_011912_01	RD-34C_011912_01
Groundwater Unit:		Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth
Lab Name:		TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
Collection Date:		1/26/2012	8/3/2012	1/18/2012	1/18/2012	1/18/2012	1/18/2012	1/19/2012	1/19/2012
Analyte (mg/L)	**Method**								
Ammonia-N	**350.1**	0.055 U	0.13 J	--	--	--	--	--	--
Bromide	**300.0**	--	--	--	--	--	--	--	--
Chloride	**300.0**	--	--	--	--	--	--	--	--
Cyanides	**9012**	0.002 U	--	--	--	--	--	--	--
Cyanides	**9014**	--	--	--	--	--	--	--	--
Fluoride	**300.0**	0.46 J	0.49 J	0.24 J	0.35 J	0.35 J	0.4 J	0.5	0.38 J
Nitrate-NO3	**300.0**	0.19 J	0.19 U	--	--	--	--	--	--
Nitrite-N	**300.0**	--	--	--	--	--	--	--	--
Ph (pH Units)	**9040B**	8	7.48	--	--	--	--	--	--
Phosphate	**300.0**	--	--	--	--	--	--	--	--
Specific conductivity (µmhos/cm)	**2510B**	--	--	--	--	--	--	--	--
Sulfate	**300.0**	--	--	--	--	--	--	--	--
Sulfide	**4500**	0.007 U	--	--	--	--	--	--	--
Sulfide	**4500 S D**	--	--	--	--	--	--	--	--
Total Alkalinity	**2320B**	--	--	--	--	--	--	--	--
Total Dissolved Solids	**2540C**	--	--	--	--	--	--	--	--
Turbidity (NTU)	**180.1**	--	--	--	--	--	--	--	--
Turbidity (NTU)	**2130B**	--	--	--	--	--	--	--	--

TABLE 16
INORGANIC CONSTITUENTS ANALYTICAL RESULTS, 2012
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		RD-35A	RD-36B	RD-36B	RD-36C	RD-36C	RD-36C	RD-36D
SampleType:		Primary	Primary	Primary	Primary	Field Duplicate	Primary	Primary
Sample Name:		RD-35A_012412_01	RD-36B_020312_01	RD-36B_080612_01	RD-36C_020612_01	RD-36C_020612_36	RD-36C_080612_01	RD-36D_020312_01
Groundwater Unit:		Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth
Lab Name:		TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
Collection Date:		1/24/2012	2/3/2012	8/6/2012	2/6/2012	2/6/2012	8/6/2012	2/3/2012
Analyte (mg/L)	**Method**							
Ammonia-N	**350.1**	--	0.055 U	0.06 J	0.18 J	0.16 J	0.17 J	0.055 U
Bromide	**300.0**	--	--	--	--	--	--	--
Chloride	**300.0**	--	--	--	--	--	--	--
Cyanides	**9012**	--	--	--	--	--	--	--
Cyanides	**9014**	--	--	--	--	--	--	--
Fluoride	**300.0**	--	0.11 J	0.13 J	0.27 J	0.27 J	0.43 J	0.11 J
Nitrate-NO3	**300.0**	40	14	13	0.19 U	0.19 U	0.19 U	0.19 U
Nitrite-N	**300.0**	--	--	--	--	--	--	--
Ph (pH Units)	**9040B**	--	6.77	6.91 J	6.55	6.51	6.39 J	8.57
Phosphate	**300.0**	--	--	--	--	--	--	--
Specific conductivity (µmhos/cm)	**2510B**	--	--	--	--	--	--	--
Sulfate	**300.0**	--	--	--	--	--	--	--
Sulfide	**4500**	--	--	--	--	--	--	--
Sulfide	**4500 S D**	--	--	--	--	--	--	--
Total Alkalinity	**2320B**	--	--	--	--	--	--	--
Total Dissolved Solids	**2540C**	--	--	--	--	--	--	--
Turbidity (NTU)	**180.1**	--	--	--	--	--	--	--
Turbidity (NTU)	**2130B**	--	--	--	--	--	--	--

TABLE 16
INORGANIC CONSTITUENTS ANALYTICAL RESULTS, 2012
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		RD-36D	RD-37	RD-37	RD-37	RD-38B	RD-38B	RD-38B
SampleType:		Primary	Primary	Field Duplicate	Primary	Primary	Primary	Field Duplicate
Sample Name:		RD-36D_080612_01	RD-37_020612_01	RD-37_020612_36	RD-37_080812_01	RD-38B_020212_01	RD-38B_080712_01	RD-38B_080712_36
Groundwater Unit:		Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth
Lab Name:		TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
Collection Date:		8/6/2012	2/6/2012	2/6/2012	8/8/2012	2/2/2012	8/7/2012	8/7/2012
Analyte (mg/L)	**Method**							
Ammonia-N	**350.1**	0.055 U	0.055 U	0.055 U	0.055 U	0.1 J	0.068 J	0.067 J
Bromide	**300.0**	--	--	--	--	--	--	--
Chloride	**300.0**	--	--	--	--	--	--	--
Cyanides	**9012**	--	--	--	--	--	--	--
Cyanides	**9014**	--	--	--	--	--	--	--
Fluoride	**300.0**	0.37 J	0.06 U	0.06 U	0.069 J	0.32 J	0.29 J	0.29 J
Nitrate-NO3	**300.0**	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U
Nitrite-N	**300.0**	--	--	--	--	--	--	--
Ph (pH Units)	**9040B**	8 J	6.85	6.88	7.15 J	7.5 J	7.32	7.3
Phosphate	**300.0**	--	--	--	--	--	--	--
Specific conductivity (µmhos/cm)	**2510B**	--	--	--	--	--	--	--
Sulfate	**300.0**	--	--	--	--	--	--	--
Sulfide	**4500**	--	--	--	--	--	--	--
Sulfide	**4500 S D**	--	--	--	--	--	--	--
Total Alkalinity	**2320B**	--	--	--	--	--	--	--
Total Dissolved Solids	**2540C**	--	--	--	--	--	--	--
Turbidity (NTU)	**180.1**	--	--	--	--	--	--	--
Turbidity (NTU)	**2130B**	--	--	--	--	--	--	--

TABLE 16
INORGANIC CONSTITUENTS ANALYTICAL RESULTS, 2012
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		RD-39B	RD-39B	RD-40	RD-40	RD-41A	RD-43A	RD-43A
SampleType:		Primary	Primary	Primary	Primary	Primary	Primary	Primary
Sample Name:		RD-39B_020912_01	RD-39B_080712_01	RD-40_021612_01	RD-40_071112_01	RD-41A_012712_01	RD-43A_012012_01	RD-43A_080112_01
Groundwater Unit:		Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth
Lab Name:		TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
Collection Date:		2/9/2012	8/7/2012	2/16/2012	7/11/2012	1/27/2012	1/20/2012	8/1/2012
Analyte (mg/L)	**Method**							
Ammonia-N	**350.1**	0.12 J	0.082 J	--	--	0.055 U	0.13 J	0.055 U
Bromide	**300.0**	--	--	--	--	--	--	--
Chloride	**300.0**	--	--	--	--	49	--	--
Cyanides	**9012**	--	--	--	--	--	--	--
Cyanides	**9014**	--	--	--	--	--	--	--
Fluoride	**300.0**	0.13 J	0.14 J	--	--	0.34 J	0.36 J	0.36 J
Nitrate-NO3	**300.0**	0.19 U	0.19 U	56	52	0.19 U	0.19 U	0.27 J
Nitrite-N	**300.0**	--	--	--	--	--	--	--
Ph (pH Units)	**9040B**	8.44	8.41	--	--	7.01	7.09	7.14 J
Phosphate	**300.0**	--	--	--	--	--	--	--
Specific conductivity (µmhos/cm)	**2510B**	--	--	--	--	1300	--	--
Sulfate	**300.0**	--	--	--	--	180	--	--
Sulfide	**4500**	--	--	--	--	--	--	--
Sulfide	**4500 S D**	--	--	--	--	--	--	--
Total Alkalinity	**2320B**	--	--	--	--	490	--	--
Total Dissolved Solids	**2540C**	--	--	--	--	810	--	--
Turbidity (NTU)	**180.1**	--	--	--	--	0.2 U	--	--
Turbidity (NTU)	**2130B**	--	--	--	--	--	--	--

TABLE 16
INORGANIC CONSTITUENTS ANALYTICAL RESULTS, 2012
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		RD-43B	RD-43B	RD-43C	RD-43C	RD-43C	RD-45A	RD-45A
SampleType:		Primary	Primary	Primary	Primary	Field Duplicate	Primary	Primary
Sample Name:		RD-43B_012012_01	RD-43B_080112_01	RD-43C_012012_01	RD-43C_080112_01	RD-43C_080112_36	RD-45A_021412_01	RD-45A_072512_01
Groundwater Unit:		Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth
Lab Name:		TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
Collection Date:		1/20/2012	8/1/2012	1/20/2012	8/1/2012	8/1/2012	2/14/2012	7/25/2012
Analyte (mg/L)	**Method**							
Ammonia-N	**350.1**	0.055 U	0.055 U	0.055 U	0.055 U	0.055 U	0.071 J	0.07 J
Bromide	**300.0**	--	--	--	--	--	--	--
Chloride	**300.0**	--	--	--	--	--	--	--
Cyanides	**9012**	--	--	--	--	--	--	--
Cyanides	**9014**	--	--	--	--	--	--	--
Fluoride	**300.0**	0.35 J	0.33 J	0.32 J	0.35 J	0.33 J	0.23 J	0.23 J
Nitrate-NO3	**300.0**	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U
Nitrite-N	**300.0**	--	--	--	--	--	--	--
Ph (pH Units)	**9040B**	7.37	7.35 J	7.37	7.42 J	7.38 J	7.01 J	7.07 J
Phosphate	**300.0**	--	--	--	--	--	--	--
Specific conductivity (µmhos/cm)	**2510B**	--	--	--	--	--	--	--
Sulfate	**300.0**	--	--	--	--	--	--	--
Sulfide	**4500**	--	--	--	--	--	--	--
Sulfide	**4500 S D**	--	--	--	--	--	--	--
Total Alkalinity	**2320B**	--	--	--	--	--	--	--
Total Dissolved Solids	**2540C**	--	--	--	--	--	--	--
Turbidity (NTU)	**180.1**	--	--	--	--	--	--	--
Turbidity (NTU)	**2130B**	--	--	--	--	--	--	--

TABLE 16
INORGANIC CONSTITUENTS ANALYTICAL RESULTS, 2012
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		RD-45B	RD-45B	RD-45C	RD-45C	RD-46A	RD-46A	RD-46B
SampleType:		Primary	Primary	Primary	Primary	Primary	Primary	Primary
Sample Name:		RD-45B_021412_01	RD-45B_072512_01	RD-45C_021412_01	RD-45C_072512_01	RD-46A_020112_01	RD-46A_072012_01	RD-46B_020112_01
Groundwater Unit:		Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth
Lab Name:		TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
Collection Date:		2/14/2012	7/25/2012	2/14/2012	7/25/2012	2/1/2012	7/20/2012	2/1/2012
Analyte (mg/L)	**Method**							
Ammonia-N	**350.1**	0.069 J	0.065 J	0.055 U	0.056 J	0.54	0.081 J	0.055 U
Bromide	**300.0**	--	--	--	--	--	--	--
Chloride	**300.0**	--	--	--	--	--	--	74
Cyanides	**9012**	--	--	--	--	--	--	--
Cyanides	**9014**	--	--	--	--	--	--	--
Fluoride	**300.0**	0.2 J	0.17 J	0.27 J	0.26 J	0.4 J	0.38 J	0.17 J
Nitrate-NO3	**300.0**	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U
Nitrite-N	**300.0**	--	--	--	--	--	--	--
Ph (pH Units)	**9040B**	7.44 J	7.49 J	7.77 J	7.7 J	7.48 J	7.12	9.06 J
Phosphate	**300.0**	--	--	--	--	--	--	--
Specific conductivity (µmhos/cm)	**2510B**	--	--	--	--	--	--	--
Sulfate	**300.0**	--	--	--	--	--	--	--
Sulfide	**4500**	--	--	--	--	--	--	--
Sulfide	**4500 S D**	--	--	--	--	--	--	--
Total Alkalinity	**2320B**	--	--	--	--	--	--	--
Total Dissolved Solids	**2540C**	--	--	--	--	--	--	--
Turbidity (NTU)	**180.1**	--	--	--	--	--	--	--
Turbidity (NTU)	**2130B**	--	--	--	--	--	--	--

TABLE 16
INORGANIC CONSTITUENTS ANALYTICAL RESULTS, 2012
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		RD-46B	RD-48A	RD-48B	RD-48B	RD-48C	RD-48C	RD-49A
SampleType:		Primary	Primary	Primary	Primary	Primary	Primary	Primary
Sample Name:		RD-46B_072012_01	RD-48A_073112_01	RD-48B_012612_01	RD-48B_073112_01	RD-48C_012612_01	RD-48C_073112_01	RD-49A_021312_01
Groundwater Unit:		Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth
Lab Name:		TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
Collection Date:		7/20/2012	7/31/2012	1/26/2012	7/31/2012	1/26/2012	7/31/2012	2/13/2012
Analyte (mg/L)	**Method**							
Ammonia-N	**350.1**	0.061 J	0.16 J	0.19 J	0.16 J	0.12 J	1.6	0.055 U
Bromide	**300.0**	--	--	--	--	--	--	--
Chloride	**300.0**	73	5.6	47	49	41	42	57
Cyanides	**9012**	--	--	--	--	--	--	--
Cyanides	**9014**	--	--	--	--	--	--	--
Fluoride	**300.0**	0.26 J	0.16 J	0.32 J	0.37 J	0.26 J	0.28 J	0.31 J
Nitrate-NO3	**300.0**	0.19 U	0.19 U	0.19 U	0.2 J	0.19 J	0.19 J	0.19 U
Nitrite-N	**300.0**	--	--	--	--	--	--	--
Ph (pH Units)	**9040B**	8.61	6.9 J	7.45 J	6.87 J	7.41	7.45 J	7.4 J
Phosphate	**300.0**	--	--	--	--	--	--	--
Specific conductivity (µmhos/cm)	**2510B**	--	--	--	--	--	--	1900
Sulfate	**300.0**	--	--	--	--	--	--	610
Sulfide	**4500**	--	--	--	--	--	--	--
Sulfide	**4500 S D**	--	--	--	--	--	--	--
Total Alkalinity	**2320B**	--	--	--	--	--	--	420
Total Dissolved Solids	**2540C**	--	--	--	--	--	--	1300
Turbidity (NTU)	**180.1**	--	--	--	--	--	--	13
Turbidity (NTU)	**2130B**	--	--	--	--	--	--	--

TABLE 16
INORGANIC CONSTITUENTS ANALYTICAL RESULTS, 2012
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		RD-49B	RD-49C	RD-49C	RD-51A	RD-51A	RD-51B	RD-51B
SampleType:		Primary	Primary	Primary	Primary	Primary	Primary	Primary
Sample Name:		RD-49B_021312_01	RD-49C_021312_01	RD-49C_072612_01	RD-51A_020312_01	RD-51A_071812_01	RD-51B_020312_01	RD-51B_071812_01
Groundwater Unit:		Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth
Lab Name:		TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
Collection Date:		2/13/2012	2/13/2012	7/26/2012	2/3/2012	7/18/2012	2/3/2012	7/18/2012
Analyte (mg/L)	**Method**							
Ammonia-N	**350.1**	0.055 U	0.055 U	0.073 J	0.071 J	0.1 J	0.14 J	0.12 J
Bromide	**300.0**	--	--	--	--	--	--	--
Chloride	**300.0**	45	--	--	--	--	--	--
Cyanides	**9012**	--	0.002 U	--	--	--	--	--
Cyanides	**9014**	--	--	--	--	--	--	--
Fluoride	**300.0**	0.18 J	0.19 J	0.22 J	0.37 J	0.35 J	0.24 J	0.23 J
Nitrate-NO3	**300.0**	0.19 U	0.19 U	0.19 U	3.8	3.6	0.19 U	0.19 U
Nitrite-N	**300.0**	--	--	--	--	--	--	--
Ph (pH Units)	**9040B**	7.44 J	--	--	7.69	7.36 J	7.58	7.49
Phosphate	**300.0**	--	--	--	--	--	--	--
Specific conductivity (µmhos/cm)	**2510B**	1200	--	--	--	--	--	--
Sulfate	**300.0**	280	--	--	--	--	--	--
Sulfide	**4500**	--	0.007 U	--	--	--	--	--
Sulfide	**4500 S D**	--	--	--	--	--	--	--
Total Alkalinity	**2320B**	330	--	--	--	--	--	--
Total Dissolved Solids	**2540C**	780	--	--	--	--	--	--
Turbidity (NTU)	**180.1**	17	--	--	--	--	--	--
Turbidity (NTU)	**2130B**	--	--	--	--	--	--	--

TABLE 16
INORGANIC CONSTITUENTS ANALYTICAL RESULTS, 2012
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		RD-51C	RD-51C	RD-52A	RD-52A	RD-52B	RD-52B	RD-52C
SampleType:		Primary	Primary	Primary	Primary	Primary	Primary	Primary
Sample Name:		RD-51C_020612_01	RD-51C_071812_01	RD-52A_020612_01	RD-52A_071912_01	RD-52B_020612_01	RD-52B_071912_01	RD-52C_020612_01
Groundwater Unit:		Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth
Lab Name:		TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
Collection Date:		2/6/2012	7/18/2012	2/6/2012	7/19/2012	2/6/2012	7/19/2012	2/6/2012
Analyte (mg/L)	**Method**							
Ammonia-N	**350.1**	0.098 J	0.17 J	0.24 J	0.35 J	0.079 J	0.12 J	0.055 U
Bromide	**300.0**	--	--	--	--	--	--	--
Chloride	**300.0**	--	--	--	--	--	--	--
Cyanides	**9012**	--	--	--	--	--	--	--
Cyanides	**9014**	--	--	--	--	--	--	--
Fluoride	**300.0**	0.17 J	0.15 J	0.4 J	0.37 J	0.15 J	0.16 J	0.21 J
Nitrate-NO3	**300.0**	0.19 U	0.19 U	0.19 U	0.25 J	0.19 U	0.27 J	0.19 U
Nitrite-N	**300.0**	--	--	--	--	--	--	--
Ph (pH Units)	**9040B**	7.43	7.57	7.11	6.95 J	7.31	7.05	7.26
Phosphate	**300.0**	--	--	--	--	--	--	--
Specific conductivity (µmhos/cm)	**2510B**	--	--	--	--	--	--	--
Sulfate	**300.0**	--	--	--	--	--	--	--
Sulfide	**4500**	--	--	--	--	--	--	--
Sulfide	**4500 S D**	--	--	--	--	--	--	--
Total Alkalinity	**2320B**	--	--	--	--	--	--	--
Total Dissolved Solids	**2540C**	--	--	--	--	--	--	--
Turbidity (NTU)	**180.1**	--	--	--	--	--	--	--
Turbidity (NTU)	**2130B**	--	--	--	--	--	--	--

TABLE 16
INORGANIC CONSTITUENTS ANALYTICAL RESULTS, 2012
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		RD-52C	RD-53	RD-53	RD-55A	RD-55A	RD-55A	RD-55B
SampleType:		Primary	Primary	Primary	Primary	Field Duplicate	Primary	Primary
Sample Name:		RD-52C_071912_01	RD-53_020612_01	RD-53_080212_01	RD-55A_021412_01	RD-55A_021412_36	RD-55A_072512_01	RD-55B_021412_01
Groundwater Unit:		Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth
Lab Name:		TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
Collection Date:		7/19/2012	2/6/2012	8/2/2012	2/14/2012	2/14/2012	7/25/2012	2/14/2012
Analyte (mg/L)	**Method**							
Ammonia-N	**350.1**	0.084 J	0.055 U	0.056 J	0.055 U	0.055 U	0.066 J	0.055 U
Bromide	**300.0**	--	--	--	--	--	--	--
Chloride	**300.0**	--	--	--	--	--	--	--
Cyanides	**9012**	--	--	--	--	--	--	--
Cyanides	**9014**	--	--	--	--	--	--	--
Fluoride	**300.0**	0.2 J	0.14 J	0.2 J	0.36 J	0.36 J	0.36 J	0.54
Nitrate-NO3	**300.0**	0.19 U	8.2	7.9	14	14	11	0.19 U
Nitrite-N	**300.0**	--	--	--	--	--	--	--
Ph (pH Units)	**9040B**	6.96	7.22	7.2 J	7.56 J	7.48 J	7.15 J	7.85 J
Phosphate	**300.0**	--	--	--	--	--	--	--
Specific conductivity (µmhos/cm)	**2510B**	--	--	--	--	--	--	--
Sulfate	**300.0**	--	--	--	--	--	--	--
Sulfide	**4500**	--	--	--	--	--	--	--
Sulfide	**4500 S D**	--	--	--	--	--	--	--
Total Alkalinity	**2320B**	--	--	--	--	--	--	--
Total Dissolved Solids	**2540C**	--	--	--	--	--	--	--
Turbidity (NTU)	**180.1**	--	--	--	--	--	--	--
Turbidity (NTU)	**2130B**	--	--	--	--	--	--	--

TABLE 16
INORGANIC CONSTITUENTS ANALYTICAL RESULTS, 2012
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		RD-55B	RD-56A	RD-56A	RD-56B	RD-56B	RD-58A	RD-58A
SampleType:		Primary	Primary	Primary	Primary	Primary	Primary	Primary
Sample Name:		RD-55B_072512_01	RD-56A_011712_01	RD-56A_072312_01	RD-56B_011712_01	RD-56B_072312_01	RD-58A_012412_01	RD-58A_071812_01
Groundwater Unit:		Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth
Lab Name:		TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
Collection Date:		7/25/2012	1/17/2012	7/23/2012	1/17/2012	7/23/2012	1/24/2012	7/18/2012
Analyte (mg/L)	**Method**							
Ammonia-N	**350.1**	0.11 J	--	--	--	--	0.055 U	0.079 J
Bromide	**300.0**	--	--	--	--	--	--	--
Chloride	**300.0**	--	--	--	--	--	--	--
Cyanides	**9012**	--	--	--	--	--	--	--
Cyanides	**9014**	--	--	--	--	--	--	--
Fluoride	**300.0**	0.53	0.37 J	0.4 J	0.31 J	0.38 J	0.42 J	0.39 J
Nitrate-NO3	**300.0**	0.25 J	--	--	--	--	0.19 U	0.35 J
Nitrite-N	**300.0**	--	--	--	--	--	--	--
Ph (pH Units)	**9040B**	7.59 J	--	--	--	--	7.48 J	7.33 J
Phosphate	**300.0**	--	--	--	--	--	--	--
Specific conductivity (µmhos/cm)	**2510B**	--	--	--	--	--	--	--
Sulfate	**300.0**	--	--	--	--	--	--	--
Sulfide	**4500**	--	--	--	--	--	--	--
Sulfide	**4500 S D**	--	--	--	--	--	--	--
Total Alkalinity	**2320B**	--	--	--	--	--	--	--
Total Dissolved Solids	**2540C**	--	--	--	--	--	--	--
Turbidity (NTU)	**180.1**	--	--	--	--	--	--	--
Turbidity (NTU)	**2130B**	--	--	--	--	--	--	--

TABLE 16
INORGANIC CONSTITUENTS ANALYTICAL RESULTS, 2012
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		RD-58A	RD-58B	RD-58B	RD-58C	RD-58C	RD-59A	RD-59B
SampleType:		Field Duplicate	Primary	Primary	Primary	Primary	Primary	Primary
Sample Name:		RD-58A_071812_36	RD-58B_012412_01	RD-58B_071812_01	RD-58C_012412_01	RD-58C_071812_01	RD-59A_011212_01	RD-59B_011212_01
Groundwater Unit:		Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth
Lab Name:		TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
Collection Date:		7/18/2012	1/24/2012	7/18/2012	1/24/2012	7/18/2012	1/12/2012	1/12/2012
Analyte (mg/L)	**Method**							
Ammonia-N	**350.1**	0.074 J	0.055 U	0.099 J	0.055 U	0.13 J	--	--
Bromide	**300.0**	--	--	--	--	--	--	--
Chloride	**300.0**	--	--	--	--	--	--	--
Cyanides	**9012**	--	--	--	--	--	--	--
Cyanides	**9014**	--	--	--	--	--	--	--
Fluoride	**300.0**	0.41 J	0.41 J	0.43 J	0.25 J	0.25 J	0.71	0.78
Nitrate-NO3	**300.0**	0.35 J	0.19 U	0.25 J	0.19 U	0.24 J	--	--
Nitrite-N	**300.0**	--	--	--	--	--	--	--
Ph (pH Units)	**9040B**	7.61 J	7.92 J	7.68	8.21 J	7.84	--	--
Phosphate	**300.0**	--	--	--	--	--	--	--
Specific conductivity (µmhos/cm)	**2510B**	--	--	--	--	--	--	--
Sulfate	**300.0**	--	--	--	--	--	--	--
Sulfide	**4500**	--	--	--	--	--	--	--
Sulfide	**4500 S D**	--	--	--	--	--	--	--
Total Alkalinity	**2320B**	--	--	--	--	--	--	--
Total Dissolved Solids	**2540C**	--	--	--	--	--	--	--
Turbidity (NTU)	**180.1**	--	--	--	--	--	--	--
Turbidity (NTU)	**2130B**	--	--	--	--	--	--	--

TABLE 16
INORGANIC CONSTITUENTS ANALYTICAL RESULTS, 2012
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		RD-59C	RD-60	RD-60	RD-61	RD-61	RD-62	RD-62
SampleType:		Primary	Primary	Primary	Primary	Primary	Primary	Primary
Sample Name:		RD-59C_011212_01	RD-60_011912_01	RD-60_072312_01	RD-61_020212_01	RD-61_080112_01	RD-62_012612_01	RD-62_080112_01
Groundwater Unit:		Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth
Lab Name:		TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
Collection Date:		1/12/2012	1/19/2012	7/23/2012	2/2/2012	8/1/2012	1/26/2012	8/1/2012
Analyte (mg/L)	**Method**							
Ammonia-N	**350.1**	--	--	--	--	--	--	--
Bromide	**300.0**	--	--	--	--	--	--	--
Chloride	**300.0**	--	380 J	440	33	36	18	21
Cyanides	**9012**	--	--	--	--	--	--	--
Cyanides	**9014**	--	--	--	--	--	--	--
Fluoride	**300.0**	0.7	0.27 J	0.4 J	--	--	--	--
Nitrate-NO3	**300.0**	--	--	--	0.3 J	0.21 J	0.19 U	0.23 J
Nitrite-N	**300.0**	--	--	--	--	--	--	--
Ph (pH Units)	**9040B**	--	--	--	--	--	--	--
Phosphate	**300.0**	--	--	--	--	--	--	--
Specific conductivity (µmhos/cm)	**2510B**	--	--	--	--	--	--	--
Sulfate	**300.0**	--	--	--	--	--	--	--
Sulfide	**4500**	--	--	--	--	--	--	--
Sulfide	**4500 S D**	--	--	--	--	--	--	--
Total Alkalinity	**2320B**	--	--	--	--	--	--	--
Total Dissolved Solids	**2540C**	--	--	--	--	--	--	--
Turbidity (NTU)	**180.1**	--	--	--	--	--	--	--
Turbidity (NTU)	**2130B**	--	--	--	--	--	--	--

TABLE 16
INORGANIC CONSTITUENTS ANALYTICAL RESULTS, 2012
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		RD-63	RD-68A	RD-68A	RD-68B	RD-68B	RD-75	RD-75
SampleType:		Primary	Primary	Primary	Primary	Primary	Primary	Primary
Sample Name:		RD-63_011912_01	RD-68A_011212_01	RD-68A_071612_01	RD-68B_011212_01	RD-68B_071612_01	RD-75_011812_01	RD-75_071712_01
Groundwater Unit:		Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth
Lab Name:		TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
Collection Date:		1/19/2012	1/12/2012	7/16/2012	1/12/2012	7/16/2012	1/18/2012	7/17/2012
Analyte (mg/L)	**Method**							
Ammonia-N	**350.1**	--	0.055 U	0.16 J	0.055 U	0.14 J	--	--
Bromide	**300.0**	--	--	--	--	--	--	--
Chloride	**300.0**	--	--	--	--	--	--	--
Cyanides	**9012**	--	--	--	--	--	--	--
Cyanides	**9014**	--	--	--	--	--	--	--
Fluoride	**300.0**	0.39 J	0.34 J	0.56	1	1	--	--
Nitrate-NO3	**300.0**	--	0.19 U	1.8 J	0.19 U	0.19 U	--	--
Nitrite-N	**300.0**	--	--	--	--	--	--	--
Ph (pH Units)	**9040B**	--	--	--	--	--	--	--
Phosphate	**300.0**	--	--	--	--	--	--	--
Specific conductivity (µmhos/cm)	**2510B**	--	--	--	--	--	--	--
Sulfate	**300.0**	--	--	--	--	--	500	520
Sulfide	**4500**	--	--	--	--	--	--	--
Sulfide	**4500 S D**	--	--	--	--	--	--	--
Total Alkalinity	**2320B**	--	--	--	--	--	--	--
Total Dissolved Solids	**2540C**	--	--	--	--	--	--	--
Turbidity (NTU)	**180.1**	--	--	--	--	--	--	--
Turbidity (NTU)	**2130B**	--	--	--	--	--	--	--

TABLE 16
INORGANIC CONSTITUENTS ANALYTICAL RESULTS, 2012
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		RD-77	RD-80	RD-80	RD-85	RD-86	RD-86	RD-104
SampleType:		Primary	Primary	Primary	Primary	Primary	Field Duplicate	Primary
Sample Name:		RD-77_021512_01	RD-80_020712_01	RD-80_073012_01	RD-85_011812_01	RD-86_011712_01	RD-86_011712_36	RD-104_020212_01
Groundwater Unit:		Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth
Lab Name:		TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
Collection Date:		2/15/2012	2/7/2012	7/30/2012	1/18/2012	1/17/2012	1/17/2012	2/2/2012
Analyte (mg/L)	**Method**							
Ammonia-N	**350.1**	0.055 U	--	--	--	--	--	--
Bromide	**300.0**	--	--	--	--	--	--	--
Chloride	**300.0**	34	--	--	--	--	--	44
Cyanides	**9012**	--	--	--	--	--	--	--
Cyanides	**9014**	--	--	--	--	--	--	--
Fluoride	**300.0**	0.18 J	--	--	0.53	0.37 J	0.38 J	0.39 J
Nitrate-NO3	**300.0**	21	--	--	--	--	--	0.19 U
Nitrite-N	**300.0**	--	--	--	--	--	--	--
Ph (pH Units)	**9040B**	7.77 J	--	--	--	--	--	7.5 J
Phosphate	**300.0**	--	--	--	--	--	--	--
Specific conductivity (µmhos/cm)	**2510B**	640	--	--	--	--	--	930
Sulfate	**300.0**	64	480	480	--	--	--	22
Sulfide	**4500**	--	--	--	--	--	--	0.024 J
Sulfide	**4500 S D**	--	--	--	--	--	--	--
Total Alkalinity	**2320B**	210	--	--	--	--	--	470
Total Dissolved Solids	**2540C**	400	--	--	--	--	--	490
Turbidity (NTU)	**180.1**	0.2 U	--	--	--	--	--	34
Turbidity (NTU)	**2130B**	--	--	--	--	--	--	--

TABLE 16
INORGANIC CONSTITUENTS ANALYTICAL RESULTS, 2012
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		RS-15	RS-33	RS-33	RS-33	RS-34	RS-34	RS-34
SampleType:		Primary	Primary	Primary	Field Duplicate	Primary	Primary	Field Duplicate
Sample Name:		RS-15_012312_01	RS-33_013112_01	RS-33_080912_01	RS-33_080912_36	RS-34_020712_01	RS-34_072412_01	RS-34_072412_36
Groundwater Unit:		Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow
Lab Name:		TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
Collection Date:		1/23/2012	1/31/2012	8/9/2012	8/9/2012	2/7/2012	7/24/2012	7/24/2012
Analyte (mg/L)	**Method**							
Ammonia-N	**350.1**	--	0.055 U	0.055 U	--	0.069 J	0.072 J	--
Bromide	**300.0**	--	--	--	--	--	--	--
Chloride	**300.0**	63	87	--	--	44	--	--
Cyanides	**9012**	--	0.002 J	0.002 U	0.002 U	0.0039 J	0.0024 J	0.002 U
Cyanides	**9014**	--	--	--	--	--	--	--
Fluoride	**300.0**	--	0.52	0.54	--	0.46 J	0.43 J	--
Nitrate-NO3	**300.0**	4.1	9.3	7.2	--	0.49 J	0.48 J	--
Nitrite-N	**300.0**	--	--	--	--	--	--	--
Ph (pH Units)	**9040B**	--	7.35 J	7.66 J	--	7.32	6.85 J	--
Phosphate	**300.0**	--	--	--	--	--	--	--
Specific conductivity (µmhos/cm)	**2510B**	--	1300	--	--	1500	--	--
Sulfate	**300.0**	--	190	--	--	270	--	--
Sulfide	**4500**	--	0.007 U	--	--	0.0079 J	0.007 U	0.007 U
Sulfide	**4500 S D**	--	--	--	--	--	--	--
Total Alkalinity	**2320B**	--	360	--	--	490	--	--
Total Dissolved Solids	**2540C**	--	770	--	--	940	--	--
Turbidity (NTU)	**180.1**	--	0.26	--	--	2.8	--	--
Turbidity (NTU)	**2130B**	--	--	--	--	--	--	--

TABLE 16
INORGANIC CONSTITUENTS ANALYTICAL RESULTS, 2012
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		RS-34	WS-04A	WS-04A	WS-09A	WS-09A
SampleType:		Split	Primary	Primary	Primary	Primary
Sample Name:		RS-34_072412_03	WS-04A_013112_01	WS-04A_073012_01	WS-09A_022912_01	WS-09A_072012_01
Groundwater Unit:		Shallow	Chatsworth	Chatsworth	Chatsworth	Chatsworth
Lab Name:		TA- Irvine	TA- Denver	TA- Denver	TA- Denver	TA- Denver
Collection Date:		7/24/2012	1/31/2012	7/30/2012	2/29/2012	7/20/2012
Analyte (mg/L)	**Method**					
Ammonia-N	**350.1**	--	0.055 U	0.055 U	0.17 J	0.06 J
Bromide	**300.0**	--	--	--	--	--
Chloride	**300.0**	--	--	--	--	--
Cyanides	**9012**	--	--	--	--	--
Cyanides	**9014**	--	--	--	--	--
Fluoride	**300.0**	--	0.16 J	0.19 J	0.25 J	0.34 J
Nitrate-NO3	**300.0**	--	0.19 J	0.19 J	0.19 U	0.19 U
Nitrite-N	**300.0**	--	--	--	--	--
Ph (pH Units)	**9040B**	--	--	--	7.14	7.29
Phosphate	**300.0**	--	--	--	--	--
Specific conductivity (µmhos/cm)	**2510B**	--	--	--	--	--
Sulfate	**300.0**	--	--	--	--	--
Sulfide	**4500**	--	--	--	--	--
Sulfide	**4500 S D**	0.02 U	--	--	--	--
Total Alkalinity	**2320B**	--	--	--	--	--
Total Dissolved Solids	**2540C**	--	--	--	--	--
Turbidity (NTU)	**180.1**	--	--	--	--	--
Turbidity (NTU)	**2130B**	--	--	--	--	--

NOTES AND ABBREVIATIONS

Chatsworth - Chatsworth Formation groundwater unit
Shallow - Near-surface groundwater unit

µmhos/cm - micromhos per centimeter
mg/L - milligrams per liter
NTU - nephelometric turbidity units

-- Not available
TA - TestAmerica
J - Result is estimated
U - Not detected above the method detection limit (MDL) or reporting limit (RL)
UJ - The result is not detected; however, the RL/MDL is estimated

TABLE 17
HYDRAZINES ANALYTICAL RESULTS, 2012
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

	Well Identifier:	ES-17	ES-17	ES-26	ES-26	ES-27	ES-27	HAR-01	HAR-01
	SampleType:	Primary	Primary	Primary	Field Duplicate	Primary	Primary	Primary	Primary
	Sample Name:	ES-17_020312_01	ES-17_080712_01	ES-26_021512_01	ES-26_021512_36	ES-27_020112_01	ES-27_080712_01	HAR-01_020812_01	HAR-01_080312_01
	Groundwater Unit:	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	Chatsworth	Chatsworth
	Lab Name:	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
	Collection Date:	2/3/2012	8/7/2012	2/15/2012	2/15/2012	2/1/2012	8/7/2012	2/8/2012	8/3/2012
Analyte (ug/L)	**Method**								
1,1-Dimethylhydrazine	**8315A**	--	--	--	--	--	--	--	--
1,1-Dimethylhydrazine	**DV-WC-0077**	0.79 U	0.79 U	3.9 U	3.9 U	0.79 U	0.79 U	0.79 U	0.79 R
1,2-Diphenylhydrazine	**8270C**	--	0.23 U	--	--	--	--	--	--
Hydrazine	**8315A**	--	--	--	--	--	--	--	--
Hydrazine	**DV-WC-0077**	0.67 U	0.67 U	3.4 U	3.4 U	0.67 U	0.67 U	0.67 U	0.67 UJ
Monomethylhydrazine	**8315A**	--	--	--	--	--	--	--	--
Monomethylhydrazine	**DV-WC-0077**	0.25 U	0.25 U	1.2 U	1.2 U	0.25 U	0.25 U	0.25 UJ	0.25 U

TABLE 17
HYDRAZINES ANALYTICAL RESULTS, 2012
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

	Well Identifier:	HAR-05	HAR-05	HAR-07	HAR-07	HAR-07	HAR-08	HAR-08
	SampleType:	Primary	Primary	Primary	Field Duplicate	Primary	Primary	Primary
	Sample Name:	HAR-05_021012_01	HAR-05_072412_01	HAR-07_013112_01	HAR-07_013112_36	HAR-07_072612_01	HAR-08_012712_01	HAR-08_072712_01
	Groundwater Unit:	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth
	Lab Name:	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
	Collection Date:	2/10/2012	7/24/2012	1/31/2012	1/31/2012	7/26/2012	1/27/2012	7/27/2012
Analyte (ug/L)	**Method**							
1,1-Dimethylhydrazine	**8315A**	--	--	--	--	--	--	--
1,1-Dimethylhydrazine	**DV-WC-0077**	0.79 U	0.79 U	0.79 U	0.79 U	4.8 J	0.79 U	0.79 U
1,2-Diphenylhydrazine	**8270C**	--	--	--	--	--	--	--
Hydrazine	**8315A**	--	--	--	--	--	--	--
Hydrazine	**DV-WC-0077**	0.67 U	0.67 U	--	--	--	--	--
Monomethylhydrazine	**8315A**	--	--	--	--	--	--	--
Monomethylhydrazine	**DV-WC-0077**	0.25 U	0.25 U	--	--	--	--	--

TABLE 17
HYDRAZINES ANALYTICAL RESULTS, 2012
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

	Well Identifier:	HAR-09	HAR-09	HAR-09	HAR-11	HAR-11	HAR-12	HAR-12
	SampleType:	Primary	Split	Primary	Primary	Primary	Primary	Primary
	Sample Name:	HAR-09_012512_01	HAR-09_012512_03	HAR-09_071612_01	HAR-11_020712_01	HAR-11_072612_01	HAR-12_020912_01	HAR-12_071612_01
	Groundwater Unit:	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow
	Lab Name:	TA- Denver	TA- Irvine	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
	Collection Date:	1/25/2012	1/25/2012	7/16/2012	2/7/2012	7/26/2012	2/9/2012	7/16/2012
Analyte (ug/L)	**Method**							
1,1-Dimethylhydrazine	**8315A**	--	0.25 U	--	--	--	--	--
1,1-Dimethylhydrazine	**DV-WC-0077**	0.79 U	--	0.79 UJ	7.9 U	0.79 U	0.79 U	0.79 U
1,2-Diphenylhydrazine	**8270C**	--	--	--	--	--	--	--
Hydrazine	**8315A**	--	--	--	--	--	--	--
Hydrazine	**DV-WC-0077**	--	--	--	--	--	0.67 U	0.67 U
Monomethylhydrazine	**8315A**	--	--	--	--	--	--	--
Monomethylhydrazine	**DV-WC-0077**	--	--	--	--	--	0.25 U	0.25 U

TABLE 17
HYDRAZINES ANALYTICAL RESULTS, 2012
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

	Well Identifier:	HAR-13	HAR-14	HAR-14	HAR-15	HAR-15	HAR-16	HAR-16
	SampleType:	Primary	Primary	Primary	Primary	Primary	Primary	Primary
	Sample Name:	HAR-13_020912_01	HAR-14_020912_01	HAR-14_071612_01	HAR-15_012412_01	HAR-15_072412_01	HAR-16_012312_01	HAR-16_072312_01
	Groundwater Unit:	Shallow	Shallow	Shallow	Shallow	Shallow	Chatsworth	Chatsworth
	Lab Name:	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
	Collection Date:	2/9/2012	2/9/2012	7/16/2012	1/24/2012	7/24/2012	1/23/2012	7/23/2012
Analyte (ug/L)	**Method**							
1,1-Dimethylhydrazine	**8315A**	--	--	--	--	--	--	--
1,1-Dimethylhydrazine	**DV-WC-0077**	0.79 U	0.79 U	0.79 U	0.79 U	0.79 U	0.79 U	0.79 U
1,2-Diphenylhydrazine	**8270C**	--	--	--	--	--	--	--
Hydrazine	**8315A**	--	--	--	--	--	--	--
Hydrazine	**DV-WC-0077**	0.67 U	0.67 U	0.67 U	0.67 U	0.67 U	0.67 U	0.67 U
Monomethylhydrazine	**8315A**	--	--	--	--	--	--	--
Monomethylhydrazine	**DV-WC-0077**	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U

TABLE 17
HYDRAZINES ANALYTICAL RESULTS, 2012
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		HAR-17	HAR-17	HAR-19	HAR-19	HAR-19	HAR-19	HAR-20
SampleType:		Primary	Primary	Primary	Field Duplicate	Primary	Field Duplicate	Primary
Sample Name:		HAR-17_012612_01	HAR-17_072312_01	HAR-19_020112_01	HAR-19_020112_36	HAR-19_072612_01	HAR-19_072612_36	HAR-20_012312_01
Groundwater Unit:		Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth
Lab Name:		TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
Collection Date:		1/26/2012	7/23/2012	2/1/2012	2/1/2012	7/26/2012	7/26/2012	1/23/2012
Analyte (ug/L)	**Method**							
1,1-Dimethylhydrazine	**8315A**	--	--	--	--	--	--	--
1,1-Dimethylhydrazine	**DV-WC-0077**	--	--	0.79 U	0.79 U	0.79 U	0.79 U	0.79 U
1,2-Diphenylhydrazine	**8270C**	0.22 U	0.22 U	--	--	--	--	--
Hydrazine	**8315A**	--	--	--	--	--	--	--
Hydrazine	**DV-WC-0077**	--	--	--	--	--	--	--
Monomethylhydrazine	**8315A**	--	--	--	--	--	--	--
Monomethylhydrazine	**DV-WC-0077**	--	--	--	--	--	--	--

TABLE 17
HYDRAZINES ANALYTICAL RESULTS, 2012
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

	Well Identifier:	HAR-20	HAR-21	HAR-21	HAR-23	HAR-23	HAR-25	HAR-25
	SampleType:	Primary	Primary	Primary	Primary	Primary	Primary	Primary
	Sample Name:	HAR-20_072312_01	HAR-21_012512_01	HAR-21_071612_01	HAR-23_021012_01	HAR-23_072412_01	HAR-25_021012_01	HAR-25_080112_01
	Groundwater Unit:	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth
	Lab Name:	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
	Collection Date:	7/23/2012	1/25/2012	7/16/2012	2/10/2012	7/24/2012	2/10/2012	8/1/2012
Analyte (ug/L)	**Method**							
1,1-Dimethylhydrazine	**8315A**	--	--	--	--	--	--	--
1,1-Dimethylhydrazine	**DV-WC-0077**	0.79 U	0.79 U	0.79 UJ	0.79 U	0.79 U	0.79 U	0.79 U
1,2-Diphenylhydrazine	**8270C**	--	--	--	0.22 U	0.22 U	--	--
Hydrazine	**8315A**	--	--	--	--	--	--	--
Hydrazine	**DV-WC-0077**	--	--	--	0.67 U	0.67 U	0.67 U	0.67 U
Monomethylhydrazine	**8315A**	--	--	--	--	--	--	--
Monomethylhydrazine	**DV-WC-0077**	--	--	--	0.25 U	0.25 U	0.25 U	0.25 U

TABLE 17
HYDRAZINES ANALYTICAL RESULTS, 2012
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

	Well Identifier:	HAR-27	HAR-27	HAR-28	HAR-28	HAR-29	HAR-29	HAR-30
	SampleType:	Primary	Primary	Primary	Primary	Primary	Primary	Primary
	Sample Name:	HAR-27_012712_01	HAR-27_072712_01	HAR-28_012712_01	HAR-28_072712_01	HAR-29_012712_01	HAR-29_072712_01	HAR-30_020712_01
	Groundwater Unit:	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow
	Lab Name:	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
	Collection Date:	1/27/2012	7/27/2012	1/27/2012	7/27/2012	1/27/2012	7/27/2012	2/7/2012
Analyte (ug/L)	**Method**							
1,1-Dimethylhydrazine	**8315A**	--	--	--	--	--	--	--
1,1-Dimethylhydrazine	**DV-WC-0077**	0.79 U	0.79 U	0.79 U	0.79 U	0.79 U	0.79 U	0.79 U
1,2-Diphenylhydrazine	**8270C**	--	--	--	--	--	--	--
Hydrazine	**8315A**	--	--	--	--	--	--	--
Hydrazine	**DV-WC-0077**	--	--	--	--	--	--	0.67 U
Monomethylhydrazine	**8315A**	--	--	--	--	--	--	--
Monomethylhydrazine	**DV-WC-0077**	--	--	--	--	--	--	0.25 U

TABLE 17
HYDRAZINES ANALYTICAL RESULTS, 2012
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

	Well Identifier:	HAR-30	HAR-30	HAR-31	HAR-32	HAR-32	HAR-33	HAR-33
	SampleType:	Primary	Field Duplicate	Primary	Primary	Primary	Primary	Primary
	Sample Name:	HAR-30_072412_01	HAR-30_072412_36	HAR-31_012412_01	HAR-32_021412_01	HAR-32_080812_01	HAR-33_021512_01	HAR-33_080812_01
	Groundwater Unit:	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow
	Lab Name:	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
	Collection Date:	7/24/2012	7/24/2012	1/24/2012	2/14/2012	8/8/2012	2/15/2012	8/8/2012
Analyte (ug/L)	**Method**							
1,1-Dimethylhydrazine	**8315A**	--	--	--	--	--	--	--
1,1-Dimethylhydrazine	**DV-WC-0077**	0.79 U	0.79 U	0.79 U	0.79 U	0.79 U	0.79 U	0.79 U
1,2-Diphenylhydrazine	**8270C**	--	--	--	--	--	--	--
Hydrazine	**8315A**	--	--	--	--	--	--	--
Hydrazine	**DV-WC-0077**	0.67 U	0.67 U	0.67 U	0.67 U	0.67 U	0.67 U	0.67 U
Monomethylhydrazine	**8315A**	--	--	--	--	--	--	--
Monomethylhydrazine	**DV-WC-0077**	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U

TABLE 17
HYDRAZINES ANALYTICAL RESULTS, 2012
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

	Well Identifier:	PZ-060	PZ-060	PZ-139	PZ-139	PZ-139	PZ-140	PZ-140
	SampleType:	Primary	Primary	Primary	Primary	Split	Primary	Split
	Sample Name:	PZ-060_011312_01	PZ-060_072612_01A	PZ-139_013012_01A	PZ-139_071812_01A	PZ-139_071812_03A	PZ-140_013012_01	PZ-140_013012_03
	Groundwater Unit:	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow
	Lab Name:	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Irvine	TA- Denver	TA- Irvine
	Collection Date:	1/13/2012	7/26/2012	1/30/2012	7/18/2012	7/18/2012	1/30/2012	1/30/2012
Analyte (ug/L)	**Method**							
1,1-Dimethylhydrazine	**8315A**	--	--	--	--	0.25 U	--	--
1,1-Dimethylhydrazine	**DV-WC-0077**	0.79 U	0.79 U	--	--	--	--	--
1,2-Diphenylhydrazine	**8270C**	--	--	0.23 U	0.23 U	2.4 U	0.24 U	2.6 U
Hydrazine	**8315A**	--	--	--	--	0.05 U	--	--
Hydrazine	**DV-WC-0077**	--	--	0.67 U	0.67 U	--	--	--
Monomethylhydrazine	**8315A**	--	--	--	--	0.25 U	--	--
Monomethylhydrazine	**DV-WC-0077**	--	--	--	--	--	--	--

TABLE 17
HYDRAZINES ANALYTICAL RESULTS, 2012
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

	Well Identifier:	PZ-140	PZ-140	PZ-140	PZ-140	PZ-141	PZ-141	PZ-141
	SampleType:	Primary	Split	Primary	Field Duplicate	Primary	Field Duplicate	Primary
	Sample Name:	PZ-140_013112_01	PZ-140_013112_03	PZ-140_071912_01	PZ-140_071912_36	PZ-141_011212_01	PZ-141_011212_36	PZ-141_071912_01A
	Groundwater Unit:	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow
	Lab Name:	TA- Denver	TA- Irvine	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
	Collection Date:	1/31/2012	1/31/2012	7/19/2012	7/19/2012	1/12/2012	1/12/2012	7/19/2012
Analyte (ug/L)	**Method**							
1,1-Dimethylhydrazine	**8315A**	--	--	--	--	--	--	--
1,1-Dimethylhydrazine	**DV-WC-0077**	--	--	--	--	--	--	--
1,2-Diphenylhydrazine	**8270C**	--	--	0.22 U	0.23 U	0.22 U	0.22 U	0.23 U
Hydrazine	**8315A**	--	0.05 U	--	--	--	--	--
Hydrazine	**DV-WC-0077**	0.67 U	--	0.67 U	0.67 U	0.67 U	0.67 U	0.67 U
Monomethylhydrazine	**8315A**	--	--	--	--	--	--	--
Monomethylhydrazine	**DV-WC-0077**	--	--	--	--	--	--	--

TABLE 17
HYDRAZINES ANALYTICAL RESULTS, 2012
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		PZ-158	PZ-159	PZ-159	RD-02	RD-02	RD-03	RD-03
SampleType:		Primary	Primary	Primary	Primary	Primary	Primary	Primary
Sample Name:		PZ-158_012012_01A	PZ-159_020712_01	PZ-159_072512_01A	RD-02_020212_01	RD-02_071712_01	RD-03_011312_01	RD-03_072012_01
Groundwater Unit:		Shallow	Shallow	Shallow	Chatsworth	Chatsworth	Chatsworth	Chatsworth
Lab Name:		TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
Collection Date:		1/20/2012	2/7/2012	7/25/2012	2/2/2012	7/17/2012	1/13/2012	7/20/2012
Analyte (ug/L)	**Method**							
1,1-Dimethylhydrazine	**8315A**	--	--	--	--	--	--	--
1,1-Dimethylhydrazine	**DV-WC-0077**	--	--	--	--	--	0.79 U	0.79 U
1,2-Diphenylhydrazine	**8270C**	0.24 U	0.23 U	0.23 U	--	--	--	--
Hydrazine	**8315A**	--	--	--	--	--	--	--
Hydrazine	**DV-WC-0077**	--	--	--	0.67 U	0.67 U	0.67 U	0.67 U
Monomethylhydrazine	**8315A**	--	--	--	--	--	--	--
Monomethylhydrazine	**DV-WC-0077**	--	--	--	--	--	0.25 U	8.5 J

TABLE 17
HYDRAZINES ANALYTICAL RESULTS, 2012
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

	Well Identifier:	RD-05A	RD-05A	RD-05B	RD-05B	RD-05C	RD-05C	RD-06
	SampleType:	Primary	Primary	Primary	Primary	Primary	Primary	Primary
	Sample Name:	RD-05A_012512_01	RD-05A_071712_01	RD-05B_012512_01	RD-05B_071712_01	RD-05C_012512_01	RD-05C_071712_01	RD-06_013112_01
	Groundwater Unit:	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth
	Lab Name:	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
	Collection Date:	1/25/2012	7/17/2012	1/25/2012	7/17/2012	1/25/2012	7/17/2012	1/31/2012
Analyte (ug/L)	**Method**							
1,1-Dimethylhydrazine	**8315A**	--	--	--	--	--	--	--
1,1-Dimethylhydrazine	**DV-WC-0077**	0.79 U	0.79 U	0.79 U	0.79 U	0.79 U	0.79 U	0.79 U
1,2-Diphenylhydrazine	**8270C**	--	--	--	--	--	--	--
Hydrazine	**8315A**	--	--	--	--	--	--	--
Hydrazine	**DV-WC-0077**	--	--	--	--	--	--	0.67 U
Monomethylhydrazine	**8315A**	--	--	--	--	--	--	--
Monomethylhydrazine	**DV-WC-0077**	--	--	--	--	--	--	0.25 U

TABLE 17
HYDRAZINES ANALYTICAL RESULTS, 2012
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

	Well Identifier:	RD-06	RD-36B	RD-36B	RD-36C	RD-36C	RD-36C	RD-36D
	SampleType:	Primary	Primary	Primary	Primary	Field Duplicate	Primary	Primary
	Sample Name:	RD-06_072012_01	RD-36B_020312_01	RD-36B_080612_01	RD-36C_020612_01	RD-36C_020612_36	RD-36C_080612_01	RD-36D_020312_01
	Groundwater Unit:	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth
	Lab Name:	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
	Collection Date:	7/20/2012	2/3/2012	8/6/2012	2/6/2012	2/6/2012	8/6/2012	2/3/2012
Analyte (ug/L)	**Method**							
1,1-Dimethylhydrazine	**8315A**	--	--	--	--	--	--	--
1,1-Dimethylhydrazine	**DV-WC-0077**	0.79 U	0.79 U	0.79 U	16 U	16 U	0.79 U	0.79 U
1,2-Diphenylhydrazine	**8270C**	--	--	--	--	--	--	--
Hydrazine	**8315A**	--	--	--	--	--	--	--
Hydrazine	**DV-WC-0077**	0.67 U	0.67 U	0.67 U	13 U	13 U	0.67 U	0.67 U
Monomethylhydrazine	**8315A**	--	--	--	--	--	--	--
Monomethylhydrazine	**DV-WC-0077**	0.25 U	0.25 U	0.25 U	4.9 U	4.9 U	0.25 U	0.25 U

TABLE 17
HYDRAZINES ANALYTICAL RESULTS, 2012
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

	Well Identifier:	RD-36D	RD-37	RD-37	RD-37	RD-38B	RD-38B	RD-38B
	SampleType:	Primary	Primary	Field Duplicate	Primary	Primary	Primary	Field Duplicate
	Sample Name:	RD-36D_080612_01	RD-37_020612_01	RD-37_020612_36	RD-37_080812_01	RD-38B_020212_01	RD-38B_080712_01	RD-38B_080712_36
	Groundwater Unit:	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth
	Lab Name:	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
	Collection Date:	8/6/2012	2/6/2012	2/6/2012	8/8/2012	2/2/2012	8/7/2012	8/7/2012
Analyte (ug/L)	**Method**							
1,1-Dimethylhydrazine	**8315A**	--	--	--	--	--	--	--
1,1-Dimethylhydrazine	**DV-WC-0077**	0.79 U	7.9 U	7.9 U	0.79 U	0.79 U	0.79 U	0.79 U
1,2-Diphenylhydrazine	**8270C**	--	--	--	--	--	--	--
Hydrazine	**8315A**	--	--	--	--	--	--	--
Hydrazine	**DV-WC-0077**	0.67 U	6.7 U	6.7 U	0.67 U	0.67 U	0.67 U	0.67 U
Monomethylhydrazine	**8315A**	--	--	--	--	--	--	--
Monomethylhydrazine	**DV-WC-0077**	0.25 U	2.5 U	2.5 U	0.25 U	0.25 U	0.25 U	0.25 U

TABLE 17
HYDRAZINES ANALYTICAL RESULTS, 2012
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

	Well Identifier:	RD-39B	RD-39B	RD-41A	RD-43A	RD-43A	RD-43B	RD-43B
	SampleType:	Primary	Primary	Primary	Primary	Primary	Primary	Primary
	Sample Name:	RD-39B_020912_01	RD-39B_080712_01	RD-41A_012712_01	RD-43A_012012_01	RD-43A_080112_01	RD-43B_012012_01	RD-43B_080112_01
	Groundwater Unit:	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth
	Lab Name:	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
	Collection Date:	2/9/2012	8/7/2012	1/27/2012	1/20/2012	8/1/2012	1/20/2012	8/1/2012
Analyte (ug/L)	**Method**							
1,1-Dimethylhydrazine	**8315A**	--	--	--	--	--	--	--
1,1-Dimethylhydrazine	**DV-WC-0077**	0.79 U	0.79 U	0.79 U	0.79 U	0.79 U	0.79 U	0.79 U
1,2-Diphenylhydrazine	**8270C**	--	--	--	--	--	--	--
Hydrazine	**8315A**	--	--	--	--	--	--	--
Hydrazine	**DV-WC-0077**	0.67 U	0.67 U	--	0.67 U	0.67 U	0.67 U	0.67 U
Monomethylhydrazine	**8315A**	--	--	--	--	--	--	--
Monomethylhydrazine	**DV-WC-0077**	0.25 U	0.25 U	--	0.25 U	0.25 U	0.25 U	0.25 U

TABLE 17
HYDRAZINES ANALYTICAL RESULTS, 2012
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		RD-43C	RD-43C	RD-43C	RD-44	RD-44	RD-45A	RD-45A
SampleType:		Primary	Primary	Field Duplicate	Primary	Primary	Primary	Primary
Sample Name:		RD-43C_012012_01	RD-43C_080112_01	RD-43C_080112_36	RD-44_020212_01	RD-44_080112_01	RD-45A_021412_01	RD-45A_072512_01
Groundwater Unit:		Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth
Lab Name:		TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
Collection Date:		1/20/2012	8/1/2012	8/1/2012	2/2/2012	8/1/2012	2/14/2012	7/25/2012
Analyte (ug/L)	**Method**							
1,1-Dimethylhydrazine	**8315A**	--	--	--	--	--	--	--
1,1-Dimethylhydrazine	**DV-WC-0077**	0.79 U	0.79 U	0.79 U	--	0.79 U	0.79 U	0.79 U
1,2-Diphenylhydrazine	**8270C**	--	--	--	--	--	--	--
Hydrazine	**8315A**	--	--	--	--	--	--	--
Hydrazine	**DV-WC-0077**	0.67 U	0.67 U	0.67 U	0.67 U	0.67 U	0.67 U	0.67 U
Monomethylhydrazine	**8315A**	--	--	--	--	--	--	--
Monomethylhydrazine	**DV-WC-0077**	0.25 U	0.25 U	0.25 U	--	0.25 U	0.25 U	0.25 U

TABLE 17
HYDRAZINES ANALYTICAL RESULTS, 2012
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

	Well Identifier:	RD-45B	RD-45B	RD-45C	RD-45C	RD-46A	RD-46A	RD-46B
	SampleType:	Primary	Primary	Primary	Primary	Primary	Primary	Primary
	Sample Name:	RD-45B_021412_01	RD-45B_072512_01	RD-45C_021412_01	RD-45C_072512_01	RD-46A_020112_01	RD-46A_072012_01	RD-46B_020112_01
	Groundwater Unit:	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth
	Lab Name:	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
	Collection Date:	2/14/2012	7/25/2012	2/14/2012	7/25/2012	2/1/2012	7/20/2012	2/1/2012
Analyte (ug/L)	**Method**							
1,1-Dimethylhydrazine	**8315A**	--	--	--	--	--	--	--
1,1-Dimethylhydrazine	**DV-WC-0077**	0.79 U	0.79 UJ	0.79 U	0.79 U	0.79 U	0.79 U	0.79 U
1,2-Diphenylhydrazine	**8270C**	--	--	--	--	--	--	--
Hydrazine	**8315A**	--	--	--	--	--	--	--
Hydrazine	**DV-WC-0077**	0.67 U	0.67 U	0.67 U	0.67 U	0.67 U	0.67 U	0.67 U
Monomethylhydrazine	**8315A**	--	--	--	--	--	--	--
Monomethylhydrazine	**DV-WC-0077**	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U

TABLE 17
HYDRAZINES ANALYTICAL RESULTS, 2012
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

	Well Identifier:	RD-46B	RD-48A	RD-48B	RD-48B	RD-48C	RD-48C	RD-49A
	SampleType:	Primary	Primary	Primary	Primary	Primary	Primary	Primary
	Sample Name:	RD-46B_072012_01	RD-48A_073112_01	RD-48B_012612_01	RD-48B_073112_01	RD-48C_012612_01	RD-48C_073112_01	RD-49A_021312_01
	Groundwater Unit:	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth
	Lab Name:	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
	Collection Date:	7/20/2012	7/31/2012	1/26/2012	7/31/2012	1/26/2012	7/31/2012	2/13/2012
Analyte (ug/L)	**Method**							
1,1-Dimethylhydrazine	**8315A**	--	--	--	--	--	--	--
1,1-Dimethylhydrazine	**DV-WC-0077**	0.79 U	6 J	0.79 U	0.79 U	0.79 U	0.79 U	3.9 U
1,2-Diphenylhydrazine	**8270C**	--	--	--	--	--	--	--
Hydrazine	**8315A**	--	--	--	--	--	--	--
Hydrazine	**DV-WC-0077**	0.67 U	5 U	0.67 U	0.67 U	0.67 U	0.67 U	--
Monomethylhydrazine	**8315A**	--	--	--	--	--	--	--
Monomethylhydrazine	**DV-WC-0077**	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	--

TABLE 17
HYDRAZINES ANALYTICAL RESULTS, 2012
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

	Well Identifier:	RD-49B	RD-49C	RD-49C	RD-51A	RD-51A	RD-51B	RD-51B
	SampleType:	Primary	Primary	Primary	Primary	Primary	Primary	Primary
	Sample Name:	RD-49B_021312_01	RD-49C_021312_01	RD-49C_072612_01	RD-51A_020312_01	RD-51A_071812_01	RD-51B_020312_01	RD-51B_071812_01
	Groundwater Unit:	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth
	Lab Name:	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
	Collection Date:	2/13/2012	2/13/2012	7/26/2012	2/3/2012	7/18/2012	2/3/2012	7/18/2012
Analyte (ug/L)	**Method**							
1,1-Dimethylhydrazine	**8315A**	--	--	--	--	--	--	--
1,1-Dimethylhydrazine	**DV-WC-0077**	3.9 U	0.79 U	0.79 U	0.79 U	0.79 U	0.79 U	0.79 U
1,2-Diphenylhydrazine	**8270C**	--	--	--	--	--	--	--
Hydrazine	**8315A**	--	--	--	--	--	--	--
Hydrazine	**DV-WC-0077**	--	--	--	0.67 U	0.67 U	0.67 U	0.67 U
Monomethylhydrazine	**8315A**	--	--	--	--	--	--	--
Monomethylhydrazine	**DV-WC-0077**	--	--	--	0.25 U	10 U	0.25 U	0.25 U

TABLE 17
HYDRAZINES ANALYTICAL RESULTS, 2012
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		RD-51C	RD-51C	RD-52A	RD-52A	RD-52B	RD-52B	RD-52C
SampleType:		Primary	Primary	Primary	Primary	Primary	Primary	Primary
Sample Name:		RD-51C_020612_01	RD-51C_071812_01	RD-52A_020612_01	RD-52A_071912_01	RD-52B_020612_01	RD-52B_071912_01	RD-52C_020612_01
Groundwater Unit:		Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth
Lab Name:		TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
Collection Date:		2/6/2012	7/18/2012	2/6/2012	7/19/2012	2/6/2012	7/19/2012	2/6/2012
Analyte (ug/L)	**Method**							
1,1-Dimethylhydrazine	**8315A**	--	--	--	--	--	--	--
1,1-Dimethylhydrazine	**DV-WC-0077**	0.79 U	0.79 U	3.9 U	0.79 U	16 U	0.79 U	3.9 U
1,2-Diphenylhydrazine	**8270C**	--	--	--	--	--	--	--
Hydrazine	**8315A**	--	--	--	--	--	--	--
Hydrazine	**DV-WC-0077**	0.67 U	0.67 U	3.4 U	0.67 U	13 U	0.67 U	3.4 U
Monomethylhydrazine	**8315A**	--	--	--	--	--	--	--
Monomethylhydrazine	**DV-WC-0077**	0.25 U	0.25 U	1.2 U	0.25 U	4.9 U	0.25 U	1.2 U

TABLE 17
HYDRAZINES ANALYTICAL RESULTS, 2012
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		RD-52C	RD-53	RD-53	RD-55A	RD-55A	RD-55A	RD-55B
SampleType:		Primary	Primary	Primary	Primary	Field Duplicate	Primary	Primary
Sample Name:		RD-52C_071912_01	RD-53_020612_01	RD-53_080212_01	RD-55A_021412_01	RD-55A_021412_36	RD-55A_072512_01	RD-55B_021412_01
Groundwater Unit:		Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth
Lab Name:		TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
Collection Date:		7/19/2012	2/6/2012	8/2/2012	2/14/2012	2/14/2012	7/25/2012	2/14/2012
Analyte (ug/L)	**Method**							
1,1-Dimethylhydrazine	**8315A**	--	--	--	--	--	--	--
1,1-Dimethylhydrazine	**DV-WC-0077**	0.79 U	0.79 U	0.79 U	0.79 U	0.79 U	0.79 U	0.79 U
1,2-Diphenylhydrazine	**8270C**	--	--	--	--	--	--	--
Hydrazine	**8315A**	--	--	--	--	--	--	--
Hydrazine	**DV-WC-0077**	0.67 U	0.67 U	0.67 U	0.67 U	0.67 U	0.67 U	0.67 U
Monomethylhydrazine	**8315A**	--	--	--	--	--	--	--
Monomethylhydrazine	**DV-WC-0077**	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U

TABLE 17
HYDRAZINES ANALYTICAL RESULTS, 2012
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

	Well Identifier:	RD-55B	RD-58A	RD-58A	RD-58A	RD-58B	RD-58B	RD-58C
	SampleType:	Primary	Primary	Primary	Field Duplicate	Primary	Primary	Primary
	Sample Name:	RD-55B_072512_01	RD-58A_012412_01	RD-58A_071812_01	RD-58A_071812_36	RD-58B_012412_01	RD-58B_071812_01	RD-58C_012412_01
	Groundwater Unit:	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth
	Lab Name:	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
	Collection Date:	7/25/2012	1/24/2012	7/18/2012	7/18/2012	1/24/2012	7/18/2012	1/24/2012
Analyte (ug/L)	**Method**							
1,1-Dimethylhydrazine	**8315A**	--	--	--	--	--	--	--
1,1-Dimethylhydrazine	**DV-WC-0077**	0.79 U	0.79 U	0.79 U	6.3 J	0.79 U	0.79 U	0.79 U
1,2-Diphenylhydrazine	**8270C**	--	--	--	--	--	--	--
Hydrazine	**8315A**	--	--	--	--	--	--	--
Hydrazine	**DV-WC-0077**	0.67 U	0.67 U	0.67 U	0.67 U	0.67 U	0.67 U	0.67 U
Monomethylhydrazine	**8315A**	--	--	--	--	--	--	--
Monomethylhydrazine	**DV-WC-0077**	0.25 U	0.25 U	0.25 U	10 U	0.25 U	10 U	0.25 U

TABLE 17
HYDRAZINES ANALYTICAL RESULTS, 2012
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

	Well Identifier:	RD-58C	RD-68A	RD-68A	RD-68B	RD-68B	RD-77	RD-100
	SampleType:	Primary	Primary	Primary	Primary	Primary	Primary	Primary
	Sample Name:	RD-58C_071812_01	RD-68A_011212_01	RD-68A_071612_01	RD-68B_011212_01	RD-68B_071612_01	RD-77_021512_01	RD-100_011312_01
	Groundwater Unit:	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth
	Lab Name:	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
	Collection Date:	7/18/2012	1/12/2012	7/16/2012	1/12/2012	7/16/2012	2/15/2012	1/13/2012
Analyte (ug/L)	**Method**							
1,1-Dimethylhydrazine	**8315A**	--	--	--	--	--	--	--
1,1-Dimethylhydrazine	**DV-WC-0077**	0.79 U	0.79 U	0.79 UJ	0.79 U	0.79 UJ	0.79 U	--
1,2-Diphenylhydrazine	**8270C**	--	--	--	--	--	--	0.23 U
Hydrazine	**8315A**	--	--	--	--	--	--	--
Hydrazine	**DV-WC-0077**	0.67 U	--	--	--	--	0.67 U	--
Monomethylhydrazine	**8315A**	--	--	--	--	--	--	--
Monomethylhydrazine	**DV-WC-0077**	0.25 U	--	--	--	--	0.25 U	--

TABLE 17
HYDRAZINES ANALYTICAL RESULTS, 2012
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

	Well Identifier:	RD-100	RD-104	RS-33	RS-33	RS-34	RS-34	WS-04A
	SampleType:	Primary	Primary	Primary	Primary	Primary	Primary	Primary
	Sample Name:	RD-100_072012_01A	RD-104_020112_01A	RS-33_013112_01	RS-33_080912_01	RS-34_020712_01	RS-34_072412_01	WS-04A_013112_01
	Groundwater Unit:	Chatsworth	Chatsworth	Shallow	Shallow	Shallow	Shallow	Chatsworth
	Lab Name:	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
	Collection Date:	7/20/2012	2/1/2012	1/31/2012	8/9/2012	2/7/2012	7/24/2012	1/31/2012
Analyte (ug/L)	**Method**							
1,1-Dimethylhydrazine	**8315A**	--	--	--	--	--	--	--
1,1-Dimethylhydrazine	**DV-WC-0077**	--	0.79 U	0.79 U	0.79 U	0.79 U	0.79 U	0.79 U
1,2-Diphenylhydrazine	**8270C**	0.22 U	--	--	--	--	--	--
Hydrazine	**8315A**	--	--	--	--	--	--	--
Hydrazine	**DV-WC-0077**	--	--	0.67 U	0.67 U	0.67 U	0.67 U	--
Monomethylhydrazine	**8315A**	--	--	--	--	--	--	--
Monomethylhydrazine	**DV-WC-0077**	--	--	0.25 U	0.25 U	0.25 U	0.25 U	--

TABLE 17
HYDRAZINES ANALYTICAL RESULTS, 2012
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		WS-04A	WS-09A	WS-09A
SampleType:		Primary	Primary	Primary
Sample Name:		WS-04A_073012_01	WS-09A_022912_01	WS-09A_072012_01
Groundwater Unit:		Chatsworth	Chatsworth	Chatsworth
Lab Name:		TA- Denver	TA- Denver	TA- Denver
Collection Date:		7/30/2012	2/29/2012	7/20/2012
Analyte (ug/L)	**Method**			
1,1-Dimethylhydrazine	**8315A**	--	--	--
1,1-Dimethylhydrazine	**DV-WC-0077**	0.79 U	0.79 U	0.79 U
1,2-Diphenylhydrazine	**8270C**	--	--	--
Hydrazine	**8315A**	--	--	--
Hydrazine	**DV-WC-0077**	--	0.67 U	0.67 U
Monomethylhydrazine	**8315A**	--	--	--
Monomethylhydrazine	**DV-WC-0077**	--	0.25 U	0.25 U

NOTES AND ABBREVIATIONS

Chatsworth - Chatsworth Formation groundwater unit
Shallow - Near-surface groundwater unit

µg/L - micrograms per liter

-- Not available
TA - TestAmerica
J - Result is estimated
R - Result is rejected
U - Not detected above the method detection limit (MDL) or reporting limit (RL)
UJ - The result is not detected; however, the RL/MDL is estimated

TABLE 18
RADIOCHEMISTRY ANALYTICAL RESULTS, 2012
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTRY, CA

	Well Identifier:	HAR-16	HAR-16	HAR-16	HAR-16	HAR-16	HAR-16
	Sample Type:	Primary	Primary	Primary	Primary	Primary	Primary
	Sample Name:	HAR-16_012312_01	HAR-16_012312_01	HAR-16_012312_01	HAR-16_072312_01	HAR-16_072312_01	HAR-16_072312_01
	Groundwater Unit:	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth
	Lab Name:	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
	Collection Date:	1/23/2012	1/23/2012	1/23/2012	7/23/2012	7/23/2012	7/23/2012
Analyte Type (pCi/L)	**Method**	Activity	Error	MDA	Activity	Error	MDA
Antimony-125, Dissolved	**901.1**	--	--	--	--	--	--
Antimony-125, Particulate	**901.1**	--	--	--	--	--	--
Barium-133, Dissolved	**901.1**	--	--	--	--	--	--
Barium-133, Particulate	**901.1**	--	--	--	--	--	--
Cesium-134, Dissolved	**901.1**	--	--	--	--	--	--
Cesium-134, Particulate	**901.1**	--	--	--	--	--	--
Cesium-137, Dissolved	**901.1**	--	--	--	--	--	--
Cesium-137, Particulate	**901.1**	--	--	--	--	--	--
Cobalt-60, Dissolved	**901.1**	--	--	--	--	--	--
Cobalt-60, Particulate	**901.1**	--	--	--	--	--	--
Europium-152, Dissolved	**901.1**	--	--	--	--	--	--
Europium-152, Particulate	**901.1**	--	--	--	--	--	--
Europium-154, Dissolved	**901.1**	--	--	--	--	--	--
Europium-154, Particulate	**901.1**	--	--	--	--	--	--
Europium-155, Dissolved	**901.1**	--	--	--	--	--	--
Europium-155, Particulate	**901.1**	--	--	--	--	--	--
Gross Alpha, Dissolved	**900.0**	--	--	--	--	--	--
Gross Alpha, Particulate	**900.0**	--	--	--	--	--	--
Gross Beta, Dissolved	**900.0**	--	--	--	--	--	--
Gross Beta, Particulate	**900.0**	--	--	--	--	--	--
Manganese-54, Dissolved	**901.1**	--	--	--	--	--	--
Manganese-54, Particulate	**901.1**	--	--	--	--	--	--
Potassium-40, Dissolved	**901.1**	--	--	--	--	--	--
Potassium-40, Particulate	**901.1**	--	--	--	--	--	--
Radium-226, Dissolved	**903.0**	-0.01 U	0.17	0.45	0.24 J	0.17	0.18
Radium-226, Particulate	**903.0**	-0.01 U	0.06	0.14	0.13 U	0.14	0.19
Radium-228, Dissolved	**904.0**	0.31 UJ	0.46	0.94	-0.24 U	0.72	1.6
Radium-228, Particulate	**904.0**	1.01 U	0.6	1.17	-0.043 U	0.68	1.5
Sodium-22, Dissolved	**901.1**	--	--	--	--	--	--
Sodium-22, Particulate	**901.1**	--	--	--	--	--	--
Strontium-90, Dissolved	**905.0**	--	--	--	--	--	--
Strontium-90, Particulate	**905.0**	--	--	--	--	--	--
Tritium	**906.0**	--	--	--	--	--	--
Uranium-233/234, Dissolved	**908.0**	--	--	--	--	--	--
Uranium-233/234, Particulate	**908.0**	--	--	--	--	--	--
Uranium-235, Dissolved	**908.0**	--	--	--	--	--	--
Uranium-235, Particulate	**908.0**	--	--	--	--	--	--
Uranium-238, Dissolved	**908.0**	--	--	--	--	--	--
Uranium-238, Particulate	**908.0**	--	--	--	--	--	--
Sum of dissolved isotopic uranium activity	**Calculated**	--	--	--	--	--	--
Sum of particulate isotopic uranium activity	**Calculated**	--	--	--	--	--	--
Adjusted dissolved gross alpha	**Calculated**	--	--	--	--	--	--
Adjusted particulate gross alpha	**Calculated**	--	--	--	--	--	--

TABLE 18
RADIOCHEMISTRY ANALYTICAL RESULTS, 2012
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTRY, CA

	Well Identifier:	HAR-18	HAR-18	HAR-18	HAR-18	HAR-18	HAR-18
	Sample Type:	Primary	Primary	Primary	Primary	Primary	Primary
	Sample Name:	HAR-18_012612_01	HAR-18_012612_01	HAR-18_012612_01	HAR-18_072312_01	HAR-18_072312_01	HAR-18_072312_01
	Groundwater Unit:	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth
	Lab Name:	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
	Collection Date:	1/26/2012	1/26/2012	1/26/2012	7/23/2012	7/23/2012	7/23/2012
Analyte Type (pCi/L)	**Method**	Activity	Error	MDA	Activity	Error	MDA
Antimony-125, Dissolved	**901.1**	--	--	--	--	--	--
Antimony-125, Particulate	**901.1**	--	--	--	--	--	--
Barium-133, Dissolved	**901.1**	--	--	--	--	--	--
Barium-133, Particulate	**901.1**	--	--	--	--	--	--
Cesium-134, Dissolved	**901.1**	--	--	--	--	--	--
Cesium-134, Particulate	**901.1**	--	--	--	--	--	--
Cesium-137, Dissolved	**901.1**	--	--	--	--	--	--
Cesium-137, Particulate	**901.1**	--	--	--	--	--	--
Cobalt-60, Dissolved	**901.1**	--	--	--	--	--	--
Cobalt-60, Particulate	**901.1**	--	--	--	--	--	--
Europium-152, Dissolved	**901.1**	--	--	--	--	--	--
Europium-152, Particulate	**901.1**	--	--	--	--	--	--
Europium-154, Dissolved	**901.1**	--	--	--	--	--	--
Europium-154, Particulate	**901.1**	--	--	--	--	--	--
Europium-155, Dissolved	**901.1**	--	--	--	--	--	--
Europium-155, Particulate	**901.1**	--	--	--	--	--	--
Gross Alpha, Dissolved	**900.0**	27.01	4.32	1.94	21 J	5.4	5.6
Gross Alpha, Particulate	**900.0**	0 U	0.6	1.44	1.1 J	0.64	0.96
Gross Beta, Dissolved	**900.0**	11.57	2.49	4.15	37 J	6.3	9.6
Gross Beta, Particulate	**900.0**	2.39 U	1.52	2.98	5.5 J	1.6	2.8
Manganese-54, Dissolved	**901.1**	--	--	--	--	--	--
Manganese-54, Particulate	**901.1**	--	--	--	--	--	--
Potassium-40, Dissolved	**901.1**	--	--	--	--	--	--
Potassium-40, Particulate	**901.1**	--	--	--	--	--	--
Radium-226, Dissolved	**903.0**	--	--	--	--	--	--
Radium-226, Particulate	**903.0**	--	--	--	--	--	--
Radium-228, Dissolved	**904.0**	--	--	--	--	--	--
Radium-228, Particulate	**904.0**	--	--	--	--	--	--
Sodium-22, Dissolved	**901.1**	--	--	--	--	--	--
Sodium-22, Particulate	**901.1**	--	--	--	--	--	--
Strontium-90, Dissolved	**905.0**	--	--	--	--	--	--
Strontium-90, Particulate	**905.0**	--	--	--	--	--	--
Tritium	**906.0**	--	--	--	--	--	--
Uranium-233/234, Dissolved	**908.0**	--	--	--	8.9	1.5	0.14
Uranium-233/234, Particulate	**908.0**	--	--	--	0.064 U	0.095	0.15
Uranium-235, Dissolved	**908.0**	--	--	--	0.56 J	0.31	0.24
Uranium-235, Particulate	**908.0**	--	--	--	0.028 UJ	0.067	0.14
Uranium-238, Dissolved	**908.0**	--	--	--	8.3	1.4	0.16
Uranium-238, Particulate	**908.0**	--	--	--	0.027 U	0.076	0.16
Sum of dissolved isotopic uranium activity	**Calculated**	NA	--	--	17.76	--	--
Sum of particulate isotopic uranium activity	**Calculated**	NA	--	--	ND	--	--
Adjusted dissolved gross alpha	**Calculated**	NA	--	--	3.24	--	--
Adjusted particulate gross alpha	**Calculated**	NA	--	--	NA	--	--

TABLE 18
RADIOCHEMISTRY ANALYTICAL RESULTS, 2012
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTRY, CA

	Well Identifier:	HAR-20	HAR-20	HAR-20	HAR-20	HAR-20	HAR-20
	Sample Type:	Primary	Primary	Primary	Primary	Primary	Primary
	Sample Name:	HAR-20_012312_01	HAR-20_012312_01	HAR-20_012312_01	HAR-20_072312_01	HAR-20_072312_01	HAR-20_072312_01
	Groundwater Unit:	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth
	Lab Name:	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
	Collection Date:	1/23/2012	1/23/2012	1/23/2012	7/23/2012	7/23/2012	7/23/2012
Analyte Type (pCi/L)	**Method**	Activity	Error	MDA	Activity	Error	MDA
Antimony-125, Dissolved	**901.1**	--	--	--	--	--	--
Antimony-125, Particulate	**901.1**	--	--	--	--	--	--
Barium-133, Dissolved	**901.1**	--	--	--	--	--	--
Barium-133, Particulate	**901.1**	--	--	--	--	--	--
Cesium-134, Dissolved	**901.1**	--	--	--	--	--	--
Cesium-134, Particulate	**901.1**	--	--	--	--	--	--
Cesium-137, Dissolved	**901.1**	--	--	--	--	--	--
Cesium-137, Particulate	**901.1**	--	--	--	--	--	--
Cobalt-60, Dissolved	**901.1**	--	--	--	--	--	--
Cobalt-60, Particulate	**901.1**	--	--	--	--	--	--
Europium-152, Dissolved	**901.1**	--	--	--	--	--	--
Europium-152, Particulate	**901.1**	--	--	--	--	--	--
Europium-154, Dissolved	**901.1**	--	--	--	--	--	--
Europium-154, Particulate	**901.1**	--	--	--	--	--	--
Europium-155, Dissolved	**901.1**	--	--	--	--	--	--
Europium-155, Particulate	**901.1**	--	--	--	--	--	--
Gross Alpha, Dissolved	**900.0**	13.16	4.83	6.58	22 J	7	7.1
Gross Alpha, Particulate	**900.0**	0.27 J	0.27	0.2	0.64 UJ	0.59	1.1
Gross Beta, Dissolved	**900.0**	10.27	2.89	4.99	36 J	8.7	15
Gross Beta, Particulate	**900.0**	1.55 U	1.37	2.75	10 J	1.7	2.7
Manganese-54, Dissolved	**901.1**	--	--	--	--	--	--
Manganese-54, Particulate	**901.1**	--	--	--	--	--	--
Potassium-40, Dissolved	**901.1**	--	--	--	--	--	--
Potassium-40, Particulate	**901.1**	--	--	--	--	--	--
Radium-226, Dissolved	**903.0**	--	--	--	--	--	--
Radium-226, Particulate	**903.0**	--	--	--	--	--	--
Radium-228, Dissolved	**904.0**	--	--	--	--	--	--
Radium-228, Particulate	**904.0**	--	--	--	--	--	--
Sodium-22, Dissolved	**901.1**	--	--	--	--	--	--
Sodium-22, Particulate	**901.1**	--	--	--	--	--	--
Strontium-90, Dissolved	**905.0**	--	--	--	--	--	--
Strontium-90, Particulate	**905.0**	--	--	--	--	--	--
Tritium	**906.0**	--	--	--	--	--	--
Uranium-233/234, Dissolved	**908.0**	--	--	--	11 J	2.1	0.19
Uranium-233/234, Particulate	**908.0**	--	--	--	0.25 UJ	0.29	0.38
Uranium-235, Dissolved	**908.0**	--	--	--	0.57 J	0.38	0.36
Uranium-235, Particulate	**908.0**	--	--	--	0.77 J	0.54	0.43
Uranium-238, Dissolved	**908.0**	--	--	--	11 J	2.1	0.26
Uranium-238, Particulate	**908.0**	--	--	--	0.11 UJ	0.2	0.38
Sum of dissolved isotopic uranium activity	**Calculated**	NA	--	--	22.57	--	--
Sum of particulate isotopic uranium activity	**Calculated**	NA	--	--	0.77	--	--
Adjusted dissolved gross alpha	**Calculated**	NA	--	--	< 0	--	--
Adjusted particulate gross alpha	**Calculated**	NA	--	--	ND	--	--

TABLE 18
RADIOCHEMISTRY ANALYTICAL RESULTS, 2012
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTRY, CA

	Well Identifier:	OS-02	OS-02	OS-02	OS-03	OS-03	OS-03
	Sample Type:	Primary	Primary	Primary	Primary	Primary	Primary
	Sample Name:	OS-02_011112_01	OS-02_011112_01	OS-02_011112_01	OS-03_011112_01	OS-03_011112_01	OS-03_011112_01
	Groundwater Unit:	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth
	Lab Name:	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
	Collection Date:	1/11/2012	1/11/2012	1/11/2012	1/11/2012	1/11/2012	1/11/2012
Analyte Type (pCi/L)	**Method**	Activity	Error	MDA	Activity	Error	MDA
Antimony-125, Dissolved	**901.1**	-0.1 U	4.85	8.87	-0.01 U	4.74	8.69
Antimony-125, Particulate	**901.1**	-0.02 U	1.17	2.06	0.68 U	1.22	2.13
Barium-133, Dissolved	**901.1**	-1.87 U	2.15	3.65	-5.39 U	2.84	3.72
Barium-133, Particulate	**901.1**	-0.76 U	0.59	0.85	-0.07 U	0.59	0.97
Cesium-134, Dissolved	**901.1**	0.12 U	1.82	3.02	-1.89 U	2.1	3.49
Cesium-134, Particulate	**901.1**	-0.45 U	0.5	0.82	-0.22 U	0.5	0.87
Cesium-137, Dissolved	**901.1**	0.84 U	1.63	3.22	-1.01 U	2.61	4.37
Cesium-137, Particulate	**901.1**	-0.01 U	0.64	1.11	-0.02 U	0.63	1.09
Cobalt-60, Dissolved	**901.1**	0.27 U	2.11	3.61	-1.34 U	2.79	4.61
Cobalt-60, Particulate	**901.1**	-0.27 U	0.68	1.15	0.08 U	0.73	1.31
Europium-152, Dissolved	**901.1**	6.54 U	8.13	21.06	7.04 U	13.25	26.74
Europium-152, Particulate	**901.1**	-3.78 U	5.17	6.81	0.9 U	3.71	6.65
Europium-154, Dissolved	**901.1**	-1.86 U	5.77	8.87	-5.58 U	7.01	9.22
Europium-154, Particulate	**901.1**	0.85 U	1.14	2.48	-0.31 U	1.36	2.43
Europium-155, Dissolved	**901.1**	3.2 U	3.42	6.05	-0.96 U	3.74	6.3
Europium-155, Particulate	**901.1**	-0.67 U	1.18	1.96	0.59 U	0.62	1.04
Gross Alpha, Dissolved	**900.0**	-0.84 U	2.17	5.41	2.94 J	1.56	1.92
Gross Alpha, Particulate	**900.0**	0 U	0	0	0 U	0	0
Gross Beta, Dissolved	**900.0**	1.14 U	2.36	4.93	5.6	1.68	2.95
Gross Beta, Particulate	**900.0**	0 U	0	0	0 U	0	0
Manganese-54, Dissolved	**901.1**	-0.13 U	1.84	3.36	-0.51 U	2	3.52
Manganese-54, Particulate	**901.1**	-0.23 U	0.55	0.83	-0.01 U	0.52	0.94
Potassium-40, Dissolved	**901.1**	2.98 U	23.88	43.58	-13.73 U	28.38	50.33
Potassium-40, Particulate	**901.1**	0.76 U	8.08	15.24	-3.79 U	7.67	13.79
Radium-226, Dissolved	**903.0**	--	--	--	--	--	--
Radium-226, Particulate	**903.0**	--	--	--	--	--	--
Radium-228, Dissolved	**904.0**	--	--	--	--	--	--
Radium-228, Particulate	**904.0**	--	--	--	--	--	--
Sodium-22, Dissolved	**901.1**	-0.57 U	2.09	3.26	-2.02 U	2.52	3.31
Sodium-22, Particulate	**901.1**	0.3 U	0.41	0.8	-0.11 U	0.49	0.88
Strontium-90, Dissolved	**905.0**	0.48 U	0.65	1.33	0.02 U	0.56	1.21
Strontium-90, Particulate	**905.0**	0 U	0	0	0 U	0	0
Tritium	**906.0**	0 U	141.04	241	0 U	137.71	235.32
Uranium-233/234, Dissolved	**908.0**	0.41 J	0.21	0.16	0.2 J	0.14	0.1
Uranium-233/234, Particulate	**908.0**	0.16 J	0.14	0.12	0.02 UJ	0.05	0.11
Uranium-235, Dissolved	**908.0**	0.03 UJ	0.09	0.19	0.01 UJ	0.06	0.16
Uranium-235, Particulate	**908.0**	0 UJ	0.09	0.21	0 UJ	0.08	0.17
Uranium-238, Dissolved	**908.0**	0.13 UJ	0.12	0.15	0.18 J	0.14	0.14
Uranium-238, Particulate	**908.0**	0.08 UJ	0.1	0.12	0.04 UJ	0.07	0.11
Sum of dissolved isotopic uranium activity	**Calculated**	0.41	--	--	0.38	--	--
Sum of particulate isotopic uranium activity	**Calculated**	0.16	--	--	ND	--	--
Adjusted dissolved gross alpha	**Calculated**	ND	--	--	2.56	--	--
Adjusted particulate gross alpha	**Calculated**	ND	--	--	ND	--	--

TABLE 18
RADIOCHEMISTRY ANALYTICAL RESULTS, 2012
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTRY, CA

	Well Identifier:	OS-04	OS-04	OS-04	PZ-161	PZ-161	PZ-161
	Sample Type:	Primary	Primary	Primary	Primary	Primary	Primary
	Sample Name:	OS-04_011112_01	OS-04_011112_01	OS-04_011112_01	PZ-161_011812_01	PZ-161_011812_01	PZ-161_011812_01
	Groundwater Unit:	Chatsworth	Chatsworth	Chatsworth	Shallow	Shallow	Shallow
	Lab Name:	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
	Collection Date:	1/11/2012	1/11/2012	1/11/2012	1/18/2012	1/18/2012	1/18/2012
Analyte Type (pCi/L)	**Method**	Activity	Error	MDA	Activity	Error	MDA
Antimony-125, Dissolved	**901.1**	-1.43 U	4.6	8.25	--	--	--
Antimony-125, Particulate	**901.1**	0.04 U	1.08	2	--	--	--
Barium-133, Dissolved	**901.1**	-5.11 U	3.12	4.33	--	--	--
Barium-133, Particulate	**901.1**	-0.61 U	0.63	0.94	--	--	--
Cesium-134, Dissolved	**901.1**	0.83 U	2.04	3.48	--	--	--
Cesium-134, Particulate	**901.1**	-0.63 U	0.55	0.87	--	--	--
Cesium-137, Dissolved	**901.1**	-0.37 U	2.43	4.17	--	--	--
Cesium-137, Particulate	**901.1**	0.09 U	0.63	1.11	--	--	--
Cobalt-60, Dissolved	**901.1**	1.1 U	2.49	4.66	--	--	--
Cobalt-60, Particulate	**901.1**	0.18 U	0.75	1.36	--	--	--
Europium-152, Dissolved	**901.1**	7.39 U	12.1	25.22	--	--	--
Europium-152, Particulate	**901.1**	2.3 U	3.75	7.72	--	--	--
Europium-154, Dissolved	**901.1**	-4.43 U	4.56	6.64	--	--	--
Europium-154, Particulate	**901.1**	-1.41 U	1.6	2.44	--	--	--
Europium-155, Dissolved	**901.1**	2.4 U	3.61	6.37	--	--	--
Europium-155, Particulate	**901.1**	0.88 U	0.64	1.16	--	--	--
Gross Alpha, Dissolved	**900.0**	0 U	1.92	4.59	--	--	--
Gross Alpha, Particulate	**900.0**	0 U	0	0	--	--	--
Gross Beta, Dissolved	**900.0**	5.09 J	2.21	4.15	--	--	--
Gross Beta, Particulate	**900.0**	0 U	0	0	--	--	--
Manganese-54, Dissolved	**901.1**	0.26 U	2.03	3.73	--	--	--
Manganese-54, Particulate	**901.1**	0.14 U	0.53	0.99	--	--	--
Potassium-40, Dissolved	**901.1**	-10 U	25.24	46.38	--	--	--
Potassium-40, Particulate	**901.1**	-6.29 U	9.82	13.27	--	--	--
Radium-226, Dissolved	**903.0**	--	--	--	--	--	--
Radium-226, Particulate	**903.0**	--	--	--	--	--	--
Radium-228, Dissolved	**904.0**	--	--	--	--	--	--
Radium-228, Particulate	**904.0**	--	--	--	--	--	--
Sodium-22, Dissolved	**901.1**	-1.53 U	1.66	2.45	--	--	--
Sodium-22, Particulate	**901.1**	-0.52 U	0.57	0.87	--	--	--
Strontium-90, Dissolved	**905.0**	-0.26 U	0.74	1.6	0.44 U	0.66	1.37
Strontium-90, Particulate	**905.0**	0 U	0	0	0.77 U	0.66	1.33
Tritium	**906.0**	172.58 U	141.51	235.98	--	--	--
Uranium-233/234, Dissolved	**908.0**	0.42 J	0.19	0.13	--	--	--
Uranium-233/234, Particulate	**908.0**	0.05 UJ	0.07	0.11	--	--	--
Uranium-235, Dissolved	**908.0**	0.05 UJ	0.09	0.16	--	--	--
Uranium-235, Particulate	**908.0**	0.02 UJ	0.05	0.12	--	--	--
Uranium-238, Dissolved	**908.0**	0.18 J	0.12	0.09	--	--	--
Uranium-238, Particulate	**908.0**	-0.04 UJ	0.08	0.23	--	--	--
Sum of dissolved isotopic uranium activity	**Calculated**	0.6	--	--	--	--	--
Sum of particulate isotopic uranium activity	**Calculated**	ND	--	--	--	--	--
Adjusted dissolved gross alpha	**Calculated**	ND	--	--	--	--	--
Adjusted particulate gross alpha	**Calculated**	ND	--	--	--	--	--

TABLE 18
RADIOCHEMISTRY ANALYTICAL RESULTS, 2012
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTRY, CA

	Well Identifier:	RD-07 (Port 3)	RD-07 (Port 3)	RD-07 (Port 3)	RD-13	RD-13	RD-13
	Sample Type:	Primary	Primary	Primary	Primary	Primary	Primary
	Sample Name:	RD-07_012512_01	RD-07_012512_01	RD-07_012512_01	RD-13_011712_01	RD-13_011712_01	RD-13_011712_01
	Groundwater Unit:	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth
	Lab Name:	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
	Collection Date:	1/25/2012	1/25/2012	1/25/2012	1/17/2012	1/17/2012	1/17/2012
Analyte Type (pCi/L)	**Method**	Activity	Error	MDA	Activity	Error	MDA
Antimony-125, Dissolved	**901.1**	-1.96 U	4.97	8.12	-1.06 U	4.72	8.51
Antimony-125, Particulate	**901.1**	-0.1 U	1.05	1.92	-0.55 U	1.19	2.09
Barium-133, Dissolved	**901.1**	-2.84 U	2.44	3.56	-1 U	2.04	3.62
Barium-133, Particulate	**901.1**	0.11 U	0.53	0.9	0.06 U	0.64	0.98
Cesium-134, Dissolved	**901.1**	-0.08 U	1.92	3.27	0.82 U	2.02	3.46
Cesium-134, Particulate	**901.1**	-0.59 U	0.47	0.74	-0.06 U	0.67	0.86
Cesium-137, Dissolved	**901.1**	-1.15 U	2.47	4.08	0.78 U	2.27	3.88
Cesium-137, Particulate	**901.1**	0.81 U	1.1	2.06	0.47 U	0.68	1.2
Cobalt-60, Dissolved	**901.1**	1.14 U	2.37	4.84	0.53 U	1.71	3.39
Cobalt-60, Particulate	**901.1**	-0.08 U	0.61	1.2	0.43 U	0.74	1.41
Europium-152, Dissolved	**901.1**	-7.51 U	14.8	25.33	4.88 U	12.62	25.36
Europium-152, Particulate	**901.1**	1.06 U	3.62	7.09	0.03 U	3.52	6.62
Europium-154, Dissolved	**901.1**	3.42 U	6.8	13.17	2.39 U	5.43	10.1
Europium-154, Particulate	**901.1**	0.68 U	1.64	3.2	-0.98 U	1.64	2.69
Europium-155, Dissolved	**901.1**	0.31 U	4.38	7.62	-3.65 U	4.18	5.9
Europium-155, Particulate	**901.1**	0.47 U	0.61	1.08	0.58 U	0.64	1.08
Gross Alpha, Dissolved	**900.0**	12.21	2.72	2.35	2.76 U	1.88	3.39
Gross Alpha, Particulate	**900.0**	0.64 U	0.64	1.22	0 U	0.35	0.9
Gross Beta, Dissolved	**900.0**	9.28	2.04	3.3	6.62	1.85	3.24
Gross Beta, Particulate	**900.0**	0.34 U	1.35	2.84	-0.77 U	1.17	2.6
Manganese-54, Dissolved	**901.1**	1.54 U	3.1	5.61	-0.39 U	1.66	2.99
Manganese-54, Particulate	**901.1**	-0.22 U	0.49	0.85	0.06 U	0.52	0.96
Potassium-40, Dissolved	**901.1**	2.69 U	27.07	51.91	-16.69 U	24.31	43.66
Potassium-40, Particulate	**901.1**	11.02 J	5.61	8.59	-4.78 U	8.94	16.61
Radium-226, Dissolved	**903.0**	--	--	--	--	--	--
Radium-226, Particulate	**903.0**	--	--	--	--	--	--
Radium-228, Dissolved	**904.0**	--	--	--	--	--	--
Radium-228, Particulate	**904.0**	--	--	--	--	--	--
Sodium-22, Dissolved	**901.1**	1.21 U	2.44	4.72	0.88 U	1.96	3.65
Sodium-22, Particulate	**901.1**	0.24 U	0.59	1.15	-0.35 U	0.59	0.97
Strontium-90, Dissolved	**905.0**	0.09 U	0.58	1.24	0.79 U	0.64	1.28
Strontium-90, Particulate	**905.0**	0.63 U	0.57	1.15	0.23 U	0.63	1.32
Tritium	**906.0**	0 U	137.48	234.92	342.65 J	137.09	222.46
Uranium-233/234, Dissolved	**908.0**	13.4 J	1.94	0.17	3	0.65	0.12
Uranium-233/234, Particulate	**908.0**	0.08 U	0.1	0.16	0 U	0.09	0.19
Uranium-235, Dissolved	**908.0**	0.81	0.35	0.19	0.17 U	0.16	0.2
Uranium-235, Particulate	**908.0**	0.09 U	0.11	0.15	0.04 U	0.11	0.23
Uranium-238, Dissolved	**908.0**	11.4 J	1.71	0.17	2.34	0.55	0.14
Uranium-238, Particulate	**908.0**	0.05 U	0.07	0.12	0.06 U	0.11	0.19
Sum of dissolved isotopic uranium activity	**Calculated**	25.61	--	--	5.34	--	--
Sum of particulate isotopic uranium activity	**Calculated**	ND	--	--	ND	--	--
Adjusted dissolved gross alpha	**Calculated**	< 0	--	--	ND	--	--
Adjusted particulate gross alpha	**Calculated**	ND	--	--	ND	--	--

TABLE 18
RADIOCHEMISTRY ANALYTICAL RESULTS, 2012
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTRY, CA

Well Identifier:		RD-14	RD-14	RD-14	RD-18	RD-18	RD-18
Sample Type:		Primary	Primary	Primary	Primary	Primary	Primary
Sample Name:		RD-14_011812_01	RD-14_011812_01	RD-14_011812_01	RD-18_011812_01	RD-18_011812_01	RD-18_011812_01
Groundwater Unit:		Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth
Lab Name:		TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
Collection Date:		1/18/2012	1/18/2012	1/18/2012	1/18/2012	1/18/2012	1/18/2012
Analyte Type (pCi/L)	**Method**	Activity	Error	MDA	Activity	Error	MDA
Antimony-125, Dissolved	**901.1**	-4.64 U	5.73	8.77	2.55 U	4	7.85
Antimony-125, Particulate	**901.1**	0.69 U	1.01	1.95	0.89 U	1.13	2.2
Barium-133, Dissolved	**901.1**	-2.19 U	2.43	3.7	-0.86 U	2.26	4.02
Barium-133, Particulate	**901.1**	-0.09 U	0.44	0.8	-1.17 U	0.67	0.89
Cesium-134, Dissolved	**901.1**	0.01 U	2	3.75	-1.79 U	1.95	3.23
Cesium-134, Particulate	**901.1**	-0.41 U	0.44	0.72	-0.51 U	0.57	0.94
Cesium-137, Dissolved	**901.1**	-0.63 U	2.04	3.73	-0.18 U	2.32	3.5
Cesium-137, Particulate	**901.1**	0.14 U	0.55	0.94	-0.12 U	0.68	1.1
Cobalt-60, Dissolved	**901.1**	0.44 U	2.04	4.11	-0.35 U	1.81	3.27
Cobalt-60, Particulate	**901.1**	0.07 U	0.51	0.89	-0.37 U	0.76	1.27
Europium-152, Dissolved	**901.1**	13.49 U	12.78	31.01	2.42 U	10.79	21.75
Europium-152, Particulate	**901.1**	-0.73 U	3.44	6.21	-0.72 U	3.61	6.48
Europium-154, Dissolved	**901.1**	-1.7 U	5.53	10.11	-0.63 U	4.98	9.17
Europium-154, Particulate	**901.1**	-0.61 U	1.27	2.18	-0.04 U	1.65	3.03
Europium-155, Dissolved	**901.1**	-1.34 U	3.26	5.59	-3.28 U	4.08	5.75
Europium-155, Particulate	**901.1**	-0.56 U	0.69	0.98	0.6 U	0.64	1.08
Gross Alpha, Dissolved	**900.0**	2.02 U	1.44	2.45	7.78	1.9	1.26
Gross Alpha, Particulate	**900.0**	0.39 U	0.41	0.72	-0.07 U	0.35	0.96
Gross Beta, Dissolved	**900.0**	8.59	1.68	2.57	6.51	1.72	2.88
Gross Beta, Particulate	**900.0**	1.43 U	1.25	2.5	1.18 U	1.23	2.49
Manganese-54, Dissolved	**901.1**	-1.12 U	1.92	3.33	0.72 U	1.84	3.54
Manganese-54, Particulate	**901.1**	0.11 U	0.45	0.82	0.26 U	0.53	1.01
Potassium-40, Dissolved	**901.1**	19.97 U	29.33	59.22	-18.07 U	26.72	44.5
Potassium-40, Particulate	**901.1**	-3.81 U	7.75	13.63	-1.27 U	8.48	16.77
Radium-226, Dissolved	**903.0**	--	--	--	--	--	--
Radium-226, Particulate	**903.0**	--	--	--	--	--	--
Radium-228, Dissolved	**904.0**	--	--	--	--	--	--
Radium-228, Particulate	**904.0**	--	--	--	--	--	--
Sodium-22, Dissolved	**901.1**	-0.57 U	2	3.67	-0.27 U	1.78	3.26
Sodium-22, Particulate	**901.1**	-0.22 U	0.46	0.79	-0.02 U	0.59	1.08
Strontium-90, Dissolved	**905.0**	0.6 U	0.67	1.35	0.58 U	0.66	1.34
Strontium-90, Particulate	**905.0**	0.08 U	0.68	1.44	-0.21 U	0.65	1.41
Tritium	**906.0**	0 U	140.93	240.83	0 U	142.96	244.29
Uranium-233/234, Dissolved	**908.0**	1.23 J	0.36	0.1	4.28 J	0.76	0.14
Uranium-233/234, Particulate	**908.0**	-0.03 UJ	0.06	0.17	0.06 UJ	0.09	0.16
Uranium-235, Dissolved	**908.0**	0.14 UJ	0.14	0.17	0.2 J	0.16	0.17
Uranium-235, Particulate	**908.0**	0.05 UJ	0.09	0.14	-0.01 UJ	0.06	0.12
Uranium-238, Dissolved	**908.0**	0.78 J	0.28	0.12	3.47 J	0.66	0.12
Uranium-238, Particulate	**908.0**	-0.1 UJ	0.07	0.27	-0.01 UJ	0.05	0.1
Sum of dissolved isotopic uranium activity	**Calculated**	2.01	--	--	7.95	--	--
Sum of particulate isotopic uranium activity	**Calculated**	ND	--	--	ND	--	--
Adjusted dissolved gross alpha	**Calculated**	ND	--	--	< 0	--	--
Adjusted particulate gross alpha	**Calculated**	ND	--	--	ND	--	--

TABLE 18
RADIOCHEMISTRY ANALYTICAL RESULTS, 2012
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTRY, CA

	Well Identifier:	RD-18	RD-18	RD-18	RD-19	RD-19	RD-19
	Sample Type:	Field Duplicate	Field Duplicate	Field Duplicate	Primary	Primary	Primary
	Sample Name:	RD-18_011812_36	RD-18_011812_36	RD-18_011812_36	RD-19_011812_01	RD-19_011812_01	RD-19_011812_01
	Groundwater Unit:	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth
	Lab Name:	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
	Collection Date:	1/18/2012	1/18/2012	1/18/2012	1/18/2012	1/18/2012	1/18/2012
Analyte Type (pCi/L)	**Method**	Activity	Error	MDA	Activity	Error	MDA
Antimony-125, Dissolved	**901.1**	2.16 U	4.77	9.03	-5.24 U	4.66	7.68
Antimony-125, Particulate	**901.1**	0.4 U	0.99	1.88	0.22 U	1	1.72
Barium-133, Dissolved	**901.1**	-3.15 U	2.5	3.58	-1.3 U	2.55	3.99
Barium-133, Particulate	**901.1**	0.35 U	0.56	0.84	0.13 U	0.45	0.84
Cesium-134, Dissolved	**901.1**	-2.42 U	2.03	3.27	-2.75 U	1.97	3.08
Cesium-134, Particulate	**901.1**	-0.13 U	0.43	0.68	-0.19 U	0.46	0.81
Cesium-137, Dissolved	**901.1**	0.37 U	2.47	4.14	-0.77 U	2.08	3.24
Cesium-137, Particulate	**901.1**	-0.29 U	0.56	0.83	0.05 U	0.52	0.86
Cobalt-60, Dissolved	**901.1**	-1.92 U	2.66	4.32	0.62 U	2.09	3.69
Cobalt-60, Particulate	**901.1**	-0.15 U	0.47	0.84	0.24 U	0.54	1.05
Europium-152, Dissolved	**901.1**	1.15 U	13.5	22.99	7.6 U	10.67	23.47
Europium-152, Particulate	**901.1**	-2.63 U	3.4	5.29	-2.73 U	4.24	6.87
Europium-154, Dissolved	**901.1**	-0.49 U	6.29	11.27	-2.44 U	6.04	10.37
Europium-154, Particulate	**901.1**	1.25 U	1.41	3.01	-1.03 U	1.36	2.15
Europium-155, Dissolved	**901.1**	0.61 U	3.69	6.35	-5.77 U	4.3	5.88
Europium-155, Particulate	**901.1**	-0.58 U	0.66	0.91	-0.27 U	0.7	0.96
Gross Alpha, Dissolved	**900.0**	6.88	1.98	2.08	15.84	5.55	8.01
Gross Alpha, Particulate	**900.0**	-0.19 U	0.51	1.34	0.38 J	0.3	0.19
Gross Beta, Dissolved	**900.0**	6.11	1.77	3.08	14.23	3.43	5.74
Gross Beta, Particulate	**900.0**	1.71 U	1.12	2.19	0.15 U	1.32	2.81
Manganese-54, Dissolved	**901.1**	0.15 U	1.83	3.39	-0.68 U	1.67	2.93
Manganese-54, Particulate	**901.1**	-0.37 U	0.42	0.65	-0.14 U	0.43	0.75
Potassium-40, Dissolved	**901.1**	0.1 U	30.06	59.04	-22.98 U	22.72	39.15
Potassium-40, Particulate	**901.1**	-2.31 U	7.6	13.48	-7.15 U	7.02	11.78
Radium-226, Dissolved	**903.0**	--	--	--	--	--	--
Radium-226, Particulate	**903.0**	--	--	--	--	--	--
Radium-228, Dissolved	**904.0**	--	--	--	--	--	--
Radium-228, Particulate	**904.0**	--	--	--	--	--	--
Sodium-22, Dissolved	**901.1**	-0.18 U	2.26	4.04	-0.88 U	2.17	3.72
Sodium-22, Particulate	**901.1**	0.44 U	0.51	1.08	-0.37 U	0.49	0.78
Strontium-90, Dissolved	**905.0**	0.44 U	0.61	1.26	0.64 U	0.59	1.19
Strontium-90, Particulate	**905.0**	0.85 U	0.66	1.31	0.32 U	0.64	1.33
Tritium	**906.0**	0 U	140.43	239.97	0 U	146	249.48
Uranium-233/234, Dissolved	**908.0**	4.23 J	0.77	0.14	13.8 J	1.89	0.17
Uranium-233/234, Particulate	**908.0**	0 U	0.08	0.17	0.09 U	0.12	0.15
Uranium-235, Dissolved	**908.0**	0.18 UJ	0.16	0.18	1.05 J	0.38	0.19
Uranium-235, Particulate	**908.0**	0.04 U	0.1	0.22	0.06 U	0.12	0.22
Uranium-238, Dissolved	**908.0**	3.31 J	0.65	0.14	11.56 J	1.64	0.11
Uranium-238, Particulate	**908.0**	-0.01 U	0.06	0.13	0.06 U	0.1	0.15
Sum of dissolved isotopic uranium activity	**Calculated**	7.54	--	--	26.41	--	--
Sum of particulate isotopic uranium activity	**Calculated**	ND	--	--	ND	--	--
Adjusted dissolved gross alpha	**Calculated**	< 0	--	--	< 0	--	--
Adjusted particulate gross alpha	**Calculated**	ND	--	--	NA	--	--

TABLE 18
RADIOCHEMISTRY ANALYTICAL RESULTS, 2012
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTRY, CA

	Well Identifier:	RD-20	RD-20	RD-20	RD-33A (Port 3)	RD-33A (Port 3)	RD-33A (Port 3)
	Sample Type:	Primary	Primary	Primary	Primary	Primary	Primary
	Sample Name:	RD-20_011712_01	RD-20_011712_01	RD-20_011712_01	RD-33A_020112_01	RD-33A_020112_01	RD-33A_020112_01
	Groundwater Unit:	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth
	Lab Name:	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
	Collection Date:	1/17/2012	1/17/2012	1/17/2012	2/1/2012	2/1/2012	2/1/2012
Analyte Type (pCi/L)	**Method**	Activity	Error	MDA	Activity	Error	MDA
Antimony-125, Dissolved	**901.1**	0.31 U	5.07	9.31	2.32 U	4.39	8.44
Antimony-125, Particulate	**901.1**	0.16 U	0.95	1.7	-0.62 U	1.21	2.14
Barium-133, Dissolved	**901.1**	-1 U	2.33	3.71	-2.46 U	2.2	3.64
Barium-133, Particulate	**901.1**	-0.3 U	0.56	0.9	-0.41 U	0.67	1.04
Cesium-134, Dissolved	**901.1**	-1.99 U	2.15	3.56	-0.81 U	1.88	3.28
Cesium-134, Particulate	**901.1**	-0.48 U	0.44	0.72	-0.83 U	0.71	0.98
Cesium-137, Dissolved	**901.1**	0.47 U	2.55	4.31	-0.65 U	2.32	3.9
Cesium-137, Particulate	**901.1**	0.48 U	0.54	0.75	0.28 U	0.71	1.18
Cobalt-60, Dissolved	**901.1**	-0.53 U	2.81	4.75	-0.68 U	1.99	3.05
Cobalt-60, Particulate	**901.1**	0.28 U	0.48	1.03	1.4 U	1.02	1.64
Europium-152, Dissolved	**901.1**	9.52 U	13.16	27.34	3.48 U	15.03	28.58
Europium-152, Particulate	**901.1**	-1.81 U	4.4	7.63	-2.8 U	4.7	7.6
Europium-154, Dissolved	**901.1**	0.5 U	5.9	10.93	1.06 U	3.89	8.07
Europium-154, Particulate	**901.1**	0.04 U	1.1	2.26	0.57 U	1.84	3.52
Europium-155, Dissolved	**901.1**	-1.81 U	3.53	5.87	3.48 U	3.55	6.27
Europium-155, Particulate	**901.1**	0.41 U	0.63	1.13	0.72 U	0.67	1.13
Gross Alpha, Dissolved	**900.0**	8.24 J	4.76	7.87	6.26	2.25	3.34
Gross Alpha, Particulate	**900.0**	5.57	1.37	1.54	0.57 U	0.62	1.2
Gross Beta, Dissolved	**900.0**	10.67 J	3.89	7.09	9.13	1.99	3.26
Gross Beta, Particulate	**900.0**	5.97	1.72	2.95	1.56 U	1.39	2.79
Manganese-54, Dissolved	**901.1**	-0.1 U	1.95	3.54	-0.94 U	1.84	3.16
Manganese-54, Particulate	**901.1**	0.2 U	0.4	0.83	0.11 U	0.48	0.92
Potassium-40, Dissolved	**901.1**	-20.96 U	25.98	46.61	-6.78 U	25.12	45.73
Potassium-40, Particulate	**901.1**	-4.13 U	6.61	10.67	-3.17 U	8.55	15.28
Radium-226, Dissolved	**903.0**	--	--	--	--	--	--
Radium-226, Particulate	**903.0**	--	--	--	--	--	--
Radium-228, Dissolved	**904.0**	--	--	--	--	--	--
Radium-228, Particulate	**904.0**	--	--	--	--	--	--
Sodium-22, Dissolved	**901.1**	0.18 U	2.12	3.93	0.43 U	1.41	2.93
Sodium-22, Particulate	**901.1**	0.02 U	0.4	0.82	0.21 U	0.66	1.26
Strontium-90, Dissolved	**905.0**	-0.05 U	0.62	1.32	0.26 U	0.64	1.35
Strontium-90, Particulate	**905.0**	0.33 U	0.61	1.28	0.29 U	0.64	1.34
Tritium	**906.0**	170.42 U	132.91	221.29	0 U	149.1	254.78
Uranium-233/234, Dissolved	**908.0**	4.75 J	0.86	0.16	2.36	0.55	0.19
Uranium-233/234, Particulate	**908.0**	0.14 UJ	0.12	0.14	0.05 U	0.08	0.15
Uranium-235, Dissolved	**908.0**	0.28 J	0.19	0.15	0.11 U	0.13	0.17
Uranium-235, Particulate	**908.0**	0.06 UJ	0.09	0.17	0.12 U	0.14	0.18
Uranium-238, Dissolved	**908.0**	4.83 J	0.87	0.16	1.96	0.5	0.19
Uranium-238, Particulate	**908.0**	0.07 UJ	0.09	0.13	0.02 U	0.05	0.11
Sum of dissolved isotopic uranium activity	**Calculated**	9.86	--	--	4.32	--	--
Sum of particulate isotopic uranium activity	**Calculated**	ND	--	--	ND	--	--
Adjusted dissolved gross alpha	**Calculated**	< 0	--	--	1.94	--	--
Adjusted particulate gross alpha	**Calculated**	NA	--	--	ND	--	--

TABLE 18
RADIOCHEMISTRY ANALYTICAL RESULTS, 2012
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTRY, CA

	Well Identifier:	RD-33B	RD-33B	RD-33B	RD-33C	RD-33C	RD-33C
	Sample Type:	Primary	Primary	Primary	Primary	Primary	Primary
	Sample Name:	RD-33B_011912_01	RD-33B_011912_01	RD-33B_011912_01	RD-33C_011912_01	RD-33C_011912_01	RD-33C_011912_01
	Groundwater Unit:	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth
	Lab Name:	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
	Collection Date:	1/19/2012	1/19/2012	1/19/2012	1/19/2012	1/19/2012	1/19/2012
Analyte Type (pCi/L)	**Method**	Activity	Error	MDA	Activity	Error	MDA
Antimony-125, Dissolved	**901.1**	-0.86 U	4.95	8.05	2.61 U	5.75	10.29
Antimony-125, Particulate	**901.1**	0.07 U	1.01	1.88	-0.14 U	1.02	1.68
Barium-133, Dissolved	**901.1**	-0.41 U	2.21	3.99	-0.57 U	2.36	3.95
Barium-133, Particulate	**901.1**	-0.28 U	0.49	0.76	-0.3 U	0.47	0.82
Cesium-134, Dissolved	**901.1**	-0.25 U	2.04	3.28	1.19 U	1.95	3.62
Cesium-134, Particulate	**901.1**	0.1 U	0.53	0.88	-0.65 U	0.5	0.65
Cesium-137, Dissolved	**901.1**	-1.49 U	2.31	3.72	-0.74 U	2.36	3.96
Cesium-137, Particulate	**901.1**	-0.39 U	0.56	0.9	-0.21 U	0.56	0.93
Cobalt-60, Dissolved	**901.1**	0.61 U	1.98	3.83	0.58 U	2.23	4.3
Cobalt-60, Particulate	**901.1**	-0.18 U	0.51	0.89	0.19 U	0.49	0.96
Europium-152, Dissolved	**901.1**	1.47 U	11.26	22.1	-6.86 U	15.83	27.55
Europium-152, Particulate	**901.1**	1.35 U	3.19	6.58	3.19 U	3.74	7.19
Europium-154, Dissolved	**901.1**	0.42 U	4.28	8.42	2.7 U	5.91	12.46
Europium-154, Particulate	**901.1**	0.3 U	1.34	2.63	-0.22 U	1.35	2.47
Europium-155, Dissolved	**901.1**	1.6 U	3.54	5.71	-1.16 U	4.36	7.48
Europium-155, Particulate	**901.1**	0.12 U	0.53	0.91	-0.12 U	0.58	0.96
Gross Alpha, Dissolved	**900.0**	2.11 J	1.06	2.01	0.84 U	0.58	1.25
Gross Alpha, Particulate	**900.0**	0.33 U	0.21	0.39	0.32 U	0.23	0.51
Gross Beta, Dissolved	**900.0**	7.58	1.36	2.87	2.26 U	1.01	2.52
Gross Beta, Particulate	**900.0**	0.87 U	0.57	1.45	0.04 U	0.61	1.65
Manganese-54, Dissolved	**901.1**	-1.83 U	1.94	3.12	0.55 U	2.07	4.08
Manganese-54, Particulate	**901.1**	0.07 U	0.5	0.93	0.16 U	0.45	0.87
Potassium-40, Dissolved	**901.1**	-3.05 U	27.41	50.23	-12.75 U	28.39	49.04
Potassium-40, Particulate	**901.1**	6.07 U	7.54	4.5	4.53 U	6.24	11.8
Radium-226, Dissolved	**903.0**	--	--	--	--	--	--
Radium-226, Particulate	**903.0**	--	--	--	--	--	--
Radium-228, Dissolved	**904.0**	--	--	--	--	--	--
Radium-228, Particulate	**904.0**	--	--	--	--	--	--
Sodium-22, Dissolved	**901.1**	0.15 U	1.54	3.03	0.89 U	2.11	4.43
Sodium-22, Particulate	**901.1**	0.12 U	0.48	0.95	-0.08 U	0.49	0.89
Strontium-90, Dissolved	**905.0**	0.21 U	0.68	1.42	0.05 U	0.59	1.26
Strontium-90, Particulate	**905.0**	0.69 U	0.69	1.39	0.35 U	0.71	1.47
Tritium	**906.0**	0 U	137.91	235.66	0 U	137.71	235.33
Uranium-233/234, Dissolved	**908.0**	0.26 J	0.2	0.25	0.07 UJ	0.08	0.12
Uranium-233/234, Particulate	**908.0**	0.09 UJ	0.12	0.18	0.06 U	0.13	0.25
Uranium-235, Dissolved	**908.0**	0.03 UJ	0.07	0.17	0.02 UJ	0.05	0.12
Uranium-235, Particulate	**908.0**	0.04 UJ	0.09	0.19	0.08 U	0.15	0.28
Uranium-238, Dissolved	**908.0**	0.09 UJ	0.12	0.19	0.03 UJ	0.06	0.11
Uranium-238, Particulate	**908.0**	0.12 UJ	0.11	0.12	-0.01 U	0.09	0.2
Sum of dissolved isotopic uranium activity	**Calculated**	0.26	--	--	ND	--	--
Sum of particulate isotopic uranium activity	**Calculated**	ND	--	--	ND	--	--
Adjusted dissolved gross alpha	**Calculated**	1.85	--	--	ND	--	--
Adjusted particulate gross alpha	**Calculated**	ND	--	--	ND	--	--

TABLE 18
RADIOCHEMISTRY ANALYTICAL RESULTS, 2012
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTRY, CA

	Well Identifier:	RD-34A	RD-34A	RD-34A	RD-34C	RD-34C	RD-34C
	Sample Type:	Primary	Primary	Primary	Primary	Primary	Primary
	Sample Name:	RD-34A_011912_01	RD-34A_011912_01	RD-34A_011912_01	RD-34C_011912_01	RD-34C_011912_01	RD-34C_011912_01
	Groundwater Unit:	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth
	Lab Name:	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
	Collection Date:	1/19/2012	1/19/2012	1/19/2012	1/19/2012	1/19/2012	1/19/2012
Analyte Type (pCi/L)	**Method**	Activity	Error	MDA	Activity	Error	MDA
Antimony-125, Dissolved	**901.1**	0.56 U	4.41	8.21	-5.46 U	9.74	15.79
Antimony-125, Particulate	**901.1**	1.06 U	1.36	1.87	-0.6 U	0.99	1.73
Barium-133, Dissolved	**901.1**	-1.2 U	2.56	4.04	0.81 U	4.45	7.71
Barium-133, Particulate	**901.1**	0.34 U	0.58	0.85	-0.12 U	0.5	0.81
Cesium-134, Dissolved	**901.1**	-0.16 U	1.8	2.92	-3.63 U	4.45	5.9
Cesium-134, Particulate	**901.1**	-0.4 U	0.47	0.78	-0.32 U	0.49	0.72
Cesium-137, Dissolved	**901.1**	0.65 U	2.47	4.03	0.88 U	5.69	6.52
Cesium-137, Particulate	**901.1**	-0.4 U	0.52	0.81	-0.27 U	0.52	0.84
Cobalt-60, Dissolved	**901.1**	-0.71 U	2.31	4.4	-2.52 U	3.63	6.16
Cobalt-60, Particulate	**901.1**	-0.01 U	0.46	0.87	0.16 U	0.4	0.83
Europium-152, Dissolved	**901.1**	-8.97 U	13.15	20.85	-0.94 U	31.78	60.53
Europium-152, Particulate	**901.1**	0.67 U	3.82	7.34	0.96 U	3.28	6.58
Europium-154, Dissolved	**901.1**	1.84 U	6.49	11.22	1.99 U	10.4	21.11
Europium-154, Particulate	**901.1**	0.02 U	1.55	2.89	-0.43 U	1.43	2.53
Europium-155, Dissolved	**901.1**	1.34 U	4.12	6.62	-8.83 U	5.03	7.67
Europium-155, Particulate	**901.1**	0.1 U	0.57	0.98	0.24 U	0.55	0.95
Gross Alpha, Dissolved	**900.0**	19.76	3.44	3.34	0.42 U	0.56	1.42
Gross Alpha, Particulate	**900.0**	0 U	0.22	0.65	-0.04 U	0.32	0.93
Gross Beta, Dissolved	**900.0**	15.42	2.7	5.89	3.43 J	1.09	2.58
Gross Beta, Particulate	**900.0**	0.31 U	0.68	1.81	0.29 U	0.62	1.65
Manganese-54, Dissolved	**901.1**	0.67 U	1.83	3.5	-2.48 U	3.65	6.28
Manganese-54, Particulate	**901.1**	0.1 U	0.45	0.85	0.33 U	0.48	0.88
Potassium-40, Dissolved	**901.1**	17.6 U	29.19	57.39	-28.81 U	48.39	89.71
Potassium-40, Particulate	**901.1**	4.4 U	6.68	1.44	4.49 U	8.48	15.6
Radium-226, Dissolved	**903.0**	--	--	--	--	--	--
Radium-226, Particulate	**903.0**	--	--	--	--	--	--
Radium-228, Dissolved	**904.0**	--	--	--	--	--	--
Radium-228, Particulate	**904.0**	--	--	--	--	--	--
Sodium-22, Dissolved	**901.1**	0.71 U	2.35	4.07	1.5 U	3.58	7.6
Sodium-22, Particulate	**901.1**	0.01 U	0.56	1.04	-0.16 U	0.51	0.91
Strontium-90, Dissolved	**905.0**	0.42 U	0.62	1.28	0.56 U	0.72	1.48
Strontium-90, Particulate	**905.0**	0.02 U	0.74	1.57	0.09 U	0.58	1.42
Tritium	**906.0**	690.34	151.28	235.98	0 U	139.12	237.73
Uranium-233/234, Dissolved	**908.0**	12.15 J	1.56	0.13	0.06 U	0.11	0.2
Uranium-233/234, Particulate	**908.0**	0.04 U	0.08	0.17	0.02 UJ	0.07	0.17
Uranium-235, Dissolved	**908.0**	0.68 J	0.28	0.16	0.09 U	0.14	0.22
Uranium-235, Particulate	**908.0**	-0.01 U	0.07	0.16	0 UJ	0.08	0.18
Uranium-238, Dissolved	**908.0**	13.22 J	1.67	0.13	0.06 U	0.11	0.2
Uranium-238, Particulate	**908.0**	0.06 U	0.1	0.17	-0.01 UJ	0.05	0.11
Sum of dissolved isotopic uranium activity	**Calculated**	26.05	--	--	ND	--	--
Sum of particulate isotopic uranium activity	**Calculated**	ND	--	--	ND	--	--
Adjusted dissolved gross alpha	**Calculated**	< 0	--	--	ND	--	--
Adjusted particulate gross alpha	**Calculated**	ND	--	--	ND	--	--

TABLE 18
RADIOCHEMISTRY ANALYTICAL RESULTS, 2012
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTRY, CA

	Well Identifier:	RD-35B	RD-35B	RD-35B	RD-35B	RD-35B	RD-35B
	Sample Type:	Primary	Primary	Primary	Primary	Primary	Primary
	Sample Name:	RD-35B_012412_01	RD-35B_012412_01	RD-35B_012412_01	RD-35B_080612_01	RD-35B_080612_01	RD-35B_080612_01
	Groundwater Unit:	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth
	Lab Name:	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
	Collection Date:	1/24/2012	1/24/2012	1/24/2012	8/6/2012	8/6/2012	8/6/2012
Analyte Type (pCi/L)	**Method**	Activity	Error	MDA	Activity	Error	MDA
Antimony-125, Dissolved	**901.1**	--	--	--	--	--	--
Antimony-125, Particulate	**901.1**	--	--	--	--	--	--
Barium-133, Dissolved	**901.1**	--	--	--	--	--	--
Barium-133, Particulate	**901.1**	--	--	--	--	--	--
Cesium-134, Dissolved	**901.1**	--	--	--	--	--	--
Cesium-134, Particulate	**901.1**	--	--	--	--	--	--
Cesium-137, Dissolved	**901.1**	--	--	--	--	--	--
Cesium-137, Particulate	**901.1**	--	--	--	--	--	--
Cobalt-60, Dissolved	**901.1**	--	--	--	--	--	--
Cobalt-60, Particulate	**901.1**	--	--	--	--	--	--
Europium-152, Dissolved	**901.1**	--	--	--	--	--	--
Europium-152, Particulate	**901.1**	--	--	--	--	--	--
Europium-154, Dissolved	**901.1**	--	--	--	--	--	--
Europium-154, Particulate	**901.1**	--	--	--	--	--	--
Europium-155, Dissolved	**901.1**	--	--	--	--	--	--
Europium-155, Particulate	**901.1**	--	--	--	--	--	--
Gross Alpha, Dissolved	**900.0**	0.2 U	0.62	1.45	0 U	0.72	1.8
Gross Alpha, Particulate	**900.0**	-0.13 U	0.48	1.25	-0.2 U	0.59	1.5
Gross Beta, Dissolved	**900.0**	2.08 U	1.59	3.17	1.5 U	1.6	3.2
Gross Beta, Particulate	**900.0**	-0.33 U	1.26	2.74	0.85 U	1.3	2.6
Manganese-54, Dissolved	**901.1**	--	--	--	--	--	--
Manganese-54, Particulate	**901.1**	--	--	--	--	--	--
Potassium-40, Dissolved	**901.1**	--	--	--	--	--	--
Potassium-40, Particulate	**901.1**	--	--	--	--	--	--
Radium-226, Dissolved	**903.0**	--	--	--	--	--	--
Radium-226, Particulate	**903.0**	--	--	--	--	--	--
Radium-228, Dissolved	**904.0**	--	--	--	--	--	--
Radium-228, Particulate	**904.0**	--	--	--	--	--	--
Sodium-22, Dissolved	**901.1**	--	--	--	--	--	--
Sodium-22, Particulate	**901.1**	--	--	--	--	--	--
Strontium-90, Dissolved	**905.0**	--	--	--	--	--	--
Strontium-90, Particulate	**905.0**	--	--	--	--	--	--
Tritium	**906.0**	--	--	--	--	--	--
Uranium-233/234, Dissolved	**908.0**	--	--	--	0.019 UJ	0.057	0.13
Uranium-233/234, Particulate	**908.0**	--	--	--	0.18 U	0.23	0.32
Uranium-235, Dissolved	**908.0**	--	--	--	0.029 UJ	0.069	0.14
Uranium-235, Particulate	**908.0**	--	--	--	0.069 U	0.17	0.35
Uranium-238, Dissolved	**908.0**	--	--	--	0.023 UJ	0.056	0.12
Uranium-238, Particulate	**908.0**	--	--	--	0.022 U	0.14	0.38
Sum of dissolved isotopic uranium activity	**Calculated**	NA	--	--	ND	--	--
Sum of particulate isotopic uranium activity	**Calculated**	NA	--	--	ND	--	--
Adjusted dissolved gross alpha	**Calculated**	NA	--	--	ND	--	--
Adjusted particulate gross alpha	**Calculated**	NA	--	--	ND	--	--

TABLE 18
RADIOCHEMISTRY ANALYTICAL RESULTS, 2012
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTRY, CA

	Well Identifier:	RD-50 (Port 2)	RD-50 (Port 2)	RD-50 (Port 2)	RD-50 (Port 2)	RD-50 (Port 2)	RD-50 (Port 2)
	Sample Type:	Primary	Primary	Primary	Split	Split	Split
	Sample Name:	RD-50_012612_01	RD-50_012612_01	RD-50_012612_01	RD-50_012612_03A	RD-50_012612_03A	RD-50_012612_03A
	Groundwater Unit:	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth
	Lab Name:	TA- Denver	TA- Denver	TA- Denver	TA- Irvine	TA- Irvine	TA- Irvine
	Collection Date:	1/26/2012	1/26/2012	1/26/2012	1/26/2012	1/26/2012	1/26/2012
Analyte Type (pCi/L)	**Method**	Activity	Error	MDA	Activity	Error	MDA
Antimony-125, Dissolved	**901.1**	2.23 U	5.02	9.46	0.625 U	2.5	4.28
Antimony-125, Particulate	**901.1**	2.11 U	2.86	5.27	0.378 U	0.76	2.6
Barium-133, Dissolved	**901.1**	-2.1 U	2.83	4.35	-0.023 U	0.99	1.7
Barium-133, Particulate	**901.1**	-1.02 U	1.35	2.14	0.371 U	0.88	1.45
Cesium-134, Dissolved	**901.1**	-1.98 U	2.02	3.32	0.14 U	1.1	1.87
Cesium-134, Particulate	**901.1**	1.05 U	1.26	2.34	-0.178 U	1.5	2.52
Cesium-137, Dissolved	**901.1**	0.78 U	2.52	4.32	-0.495 U	0.72	1.2
Cesium-137, Particulate	**901.1**	-0.22 U	1.52	2.48	0.624 U	2.1	3.58
Cobalt-60, Dissolved	**901.1**	-0.13 U	2.45	4.24	0.148 U	0.8	1.39
Cobalt-60, Particulate	**901.1**	1.73 U	1.38	2.97	0.43 U	1.4	2.33
Europium-152, Dissolved	**901.1**	-1.22 U	13.98	25.23	-0.078 U	1.6	2.57
Europium-152, Particulate	**901.1**	-2.25 U	9.63	17.93	-5.21 U	6.8	11.7
Europium-154, Dissolved	**901.1**	2.5 U	6.05	11.7	0.709 U	1.9	3.25
Europium-154, Particulate	**901.1**	0.85 U	3.85	7.72	-0.449 U	6.3	10.8
Europium-155, Dissolved	**901.1**	2.39 U	3.72	6.53	0.34 U	1.1	5.17
Europium-155, Particulate	**901.1**	-1.46 U	1.29	2.06	-1.57 U	6	2.84
Gross Alpha, Dissolved	**900.0**	13.47	2.93	2.48	10.7	1.8	1.11
Gross Alpha, Particulate	**900.0**	1.01 J	0.64	0.97	0.07	0.17	0.319
Gross Beta, Dissolved	**900.0**	7.74	1.87	3.06	--	1	--
Gross Beta, Particulate	**900.0**	0.12 U	1.31	2.81	-0.587 U	0.8	--
Manganese-54, Dissolved	**901.1**	0.91 U	2.25	3.87	0.193 U	0.53	1.35
Manganese-54, Particulate	**901.1**	0.84 U	1.24	2.52	0.194 U	0.77	1.33
Potassium-40, Dissolved	**901.1**	30.92 U	33.36	34.84	8.67 U	13	21.3
Potassium-40, Particulate	**901.1**	4.27 U	15.47	30.86	4.52 U	21	35.3
Radium-226, Dissolved	**903.0**	--	--	--	--	--	--
Radium-226, Particulate	**903.0**	--	--	--	--	--	--
Radium-228, Dissolved	**904.0**	--	--	--	--	--	--
Radium-228, Particulate	**904.0**	--	--	--	--	--	--
Sodium-22, Dissolved	**901.1**	0.9 U	2.18	4.21	0.24 U	--	1.1
Sodium-22, Particulate	**901.1**	0.33 U	1.39	2.79	-0.152 U	--	3.64
Strontium-90, Dissolved	**905.0**	0.77 U	0.67	1.33	-0.126 U	--	0.51
Strontium-90, Particulate	**905.0**	-0.52 U	0.61	1.36	0.106 U	--	0.456
Tritium	**906.0**	0 U	139.83	238.94	53.4 U	110	186
Uranium-233/234, Dissolved	**908.0**	8.29 J	1.22	0.16	10.7	0.63	0.095
Uranium-233/234, Particulate	**908.0**	0.02 UJ	0.06	0.12	0 U	0.022	0.067
Uranium-235, Dissolved	**908.0**	0.28 J	0.18	0.15	0.332 J	0.092	0.05
Uranium-235, Particulate	**908.0**	0.05 UJ	0.08	0.15	0.007 U	0.013	0.051
Uranium-238, Dissolved	**908.0**	6.19 J	0.98	0.1	7.15	0.48	0.082
Uranium-238, Particulate	**908.0**	0 UJ	0.04	0.09	-0.005 U	0.011	0.042
Sum of dissolved isotopic uranium activity	**Calculated**	14.76	--	--	18.18	--	--
Sum of particulate isotopic uranium activity	**Calculated**	ND	--	--	ND	--	--
Adjusted dissolved gross alpha	**Calculated**	< 0	--	--	< 0	--	--
Adjusted particulate gross alpha	**Calculated**	NA	--	--	NA	--	--

TABLE 18
RADIOCHEMISTRY ANALYTICAL RESULTS, 2012
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTRY, CA

	Well Identifier:	RD-54A (Port 2)	RD-54A (Port 2)	RD-54A (Port 2)	RD-56A	RD-56A	RD-56A
	Sample Type:	Primary	Primary	Primary	Primary	Primary	Primary
	Sample Name:	RD-54A_012612_01	RD-54A_012612_01	RD-54A_012612_01	RD-56A_011712_01	RD-56A_011712_01	RD-56A_011712_01
	Groundwater Unit:	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth
	Lab Name:	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
	Collection Date:	1/26/2012	1/26/2012	1/26/2012	1/17/2012	1/17/2012	1/17/2012
Analyte Type (pCi/L)	**Method**	Activity	Error	MDA	Activity	Error	MDA
Antimony-125, Dissolved	**901.1**	3.17 U	5.38	9.85	0.79 U	4.4	8.25
Antimony-125, Particulate	**901.1**	-0.89 U	1.25	2.16	0.52 U	1.04	2
Barium-133, Dissolved	**901.1**	0.18 U	2.4	4.16	1.6 U	1.94	3.78
Barium-133, Particulate	**901.1**	-0.24 U	0.64	0.93	-0.36 U	0.6	0.93
Cesium-134, Dissolved	**901.1**	-0.42 U	2.4	3.93	-1.85 U	2.02	3.35
Cesium-134, Particulate	**901.1**	-0.02 U	0.55	0.98	-0.45 U	0.5	0.82
Cesium-137, Dissolved	**901.1**	-1.24 U	2.56	4.22	0.48 U	2.28	3.86
Cesium-137, Particulate	**901.1**	0.76 U	0.82	1.07	-0.27 U	0.64	1.03
Cobalt-60, Dissolved	**901.1**	1.13 U	2.37	4.84	-0.94 U	1.96	3.34
Cobalt-60, Particulate	**901.1**	0.95 U	1.05	1.32	0.19 U	0.76	1.39
Europium-152, Dissolved	**901.1**	2.37 U	14.36	28.95	12.91 U	10.61	25.14
Europium-152, Particulate	**901.1**	-1.2 U	4.68	7.17	0.43 U	3.19	6.19
Europium-154, Dissolved	**901.1**	-1.36 U	6.58	12.08	-2.81 U	5.42	9.14
Europium-154, Particulate	**901.1**	0.05 U	1.63	3.04	0 U	1.56	2.74
Europium-155, Dissolved	**901.1**	2.48 U	4.46	7.91	-5.4 U	4.32	5.96
Europium-155, Particulate	**901.1**	0.38 U	0.69	1.21	0.31 U	0.57	1
Gross Alpha, Dissolved	**900.0**	6.23	2.19	2.91	4.43	1.78	2.13
Gross Alpha, Particulate	**900.0**	-0.13 U	0.48	1.25	0.67 U	0.58	1.04
Gross Beta, Dissolved	**900.0**	6.1	1.61	2.63	5.85	2	3.64
Gross Beta, Particulate	**900.0**	0.73 U	1.36	2.83	1.03 U	1.36	2.79
Manganese-54, Dissolved	**901.1**	0.86 U	2.14	3.95	0.56 U	1.94	3.67
Manganese-54, Particulate	**901.1**	-0.37 U	0.58	0.97	0.06 U	0.51	0.94
Potassium-40, Dissolved	**901.1**	14.19 U	30.12	59.8	0.15 U	25.48	49.72
Potassium-40, Particulate	**901.1**	0.42 U	8.95	17.07	0.58 U	8.5	16.76
Radium-226, Dissolved	**903.0**	--	--	--	--	--	--
Radium-226, Particulate	**903.0**	--	--	--	--	--	--
Radium-228, Dissolved	**904.0**	--	--	--	--	--	--
Radium-228, Particulate	**904.0**	--	--	--	--	--	--
Sodium-22, Dissolved	**901.1**	-0.49 U	2.37	4.34	-0.99 U	1.95	3.3
Sodium-22, Particulate	**901.1**	0.02 U	0.59	1.09	-0.01 U	0.56	0.98
Strontium-90, Dissolved	**905.0**	0.48 U	0.67	1.37	0.58 U	0.6	1.22
Strontium-90, Particulate	**905.0**	0.8 U	0.66	1.32	0.63 U	0.56	1.13
Tritium	**906.0**	174.63 U	143.19	238.78	341.48 J	136.62	221.7
Uranium-233/234, Dissolved	**908.0**	4.57	0.96	0.16	2.35	0.55	0.15
Uranium-233/234, Particulate	**908.0**	0.05 UJ	0.07	0.12	0.02 U	0.07	0.14
Uranium-235, Dissolved	**908.0**	0.26 U	0.23	0.26	0.03 U	0.09	0.19
Uranium-235, Particulate	**908.0**	-0.01 UJ	0.05	0.12	0.06 U	0.1	0.18
Uranium-238, Dissolved	**908.0**	3.03	0.74	0.21	1.64	0.44	0.15
Uranium-238, Particulate	**908.0**	-0.01 UJ	0.04	0.11	-0.01 U	0.05	0.11
Sum of dissolved isotopic uranium activity	**Calculated**	7.6	--	--	3.99	--	--
Sum of particulate isotopic uranium activity	**Calculated**	ND	--	--	ND	--	--
Adjusted dissolved gross alpha	**Calculated**	< 0	--	--	0.44	--	--
Adjusted particulate gross alpha	**Calculated**	ND	--	--	ND	--	--

TABLE 18
RADIOCHEMISTRY ANALYTICAL RESULTS, 2012
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTRY, CA

	Well Identifier:	RD-56A	RD-56A	RD-56A	RD-56B	RD-56B	RD-56B
	Sample Type:	Primary	Primary	Primary	Primary	Primary	Primary
	Sample Name:	RD-56A_072312_01	RD-56A_072312_01	RD-56A_072312_01	RD-56B_011712_01	RD-56B_011712_01	RD-56B_011712_01
	Groundwater Unit:	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth
	Lab Name:	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
	Collection Date:	7/23/2012	7/23/2012	7/23/2012	1/17/2012	1/17/2012	1/17/2012
Analyte Type (pCi/L)	**Method**	Activity	Error	MDA	Activity	Error	MDA
Antimony-125, Dissolved	**901.1**	-4.9 U	6.2	11	-0.05 U	8.69	15.06
Antimony-125, Particulate	**901.1**	0.94 U	2.5	4.5	-0.1 U	0.97	1.66
Barium-133, Dissolved	**901.1**	-0.33 U	2.9	5.2	4 U	4.32	7.73
Barium-133, Particulate	**901.1**	-3 U	1.5	2	-0.21 U	0.52	0.85
Cesium-134, Dissolved	**901.1**	-5.4 U	3.6	4.8	0.11 U	3.88	6.68
Cesium-134, Particulate	**901.1**	-1.6 U	1.2	1.8	0 U	0.43	0.8
Cesium-137, Dissolved	**901.1**	2.8 U	2.5	4.9	0 U	4.18	7.75
Cesium-137, Particulate	**901.1**	0.27 U	1.6	2.4	0.09 U	0.42	0.81
Cobalt-60, Dissolved	**901.1**	2.3 U	2.9	5.7	-3.57 U	4.31	7.12
Cobalt-60, Particulate	**901.1**	-1 U	1.8	2.8	0.11 U	0.52	1.03
Europium-152, Dissolved	**901.1**	-4.5 U	17	30	-28.14 U	26.35	39.51
Europium-152, Particulate	**901.1**	8.8 U	8.9	18	-0.02 U	3.83	7.35
Europium-154, Dissolved	**901.1**	-2.6 U	7.8	13	9.94 U	6.84	18.87
Europium-154, Particulate	**901.1**	0.16 U	3.4	6.1	0.07 U	1.18	2.38
Europium-155, Dissolved	**901.1**	-1.6 U	6	9.1	-6.69 U	5.49	8.31
Europium-155, Particulate	**901.1**	0.34 U	1.4	2.4	0.36 U	0.6	1.06
Gross Alpha, Dissolved	**900.0**	5.3 J	2.7	3.8	4.95	1.94	0.59
Gross Alpha, Particulate	**900.0**	1.7 J	0.79	1.1	3.29	1.1	1.16
Gross Beta, Dissolved	**900.0**	19 J	5.6	10	4.79 J	2.34	4.49
Gross Beta, Particulate	**900.0**	7.2 J	1.6	2.5	3.77	1.31	2.27
Manganese-54, Dissolved	**901.1**	-0.023 U	2.5	4.5	2.9 U	4.27	8.51
Manganese-54, Particulate	**901.1**	-0.3 U	1.1	2	-0.37 U	0.54	0.78
Potassium-40, Dissolved	**901.1**	18 U	42	72	-6.66 U	39.11	71.11
Potassium-40, Particulate	**901.1**	-7.4 U	19	29	3.08 U	6.7	13.3
Radium-226, Dissolved	**903.0**	--	--	--	--	--	--
Radium-226, Particulate	**903.0**	--	--	--	--	--	--
Radium-228, Dissolved	**904.0**	--	--	--	--	--	--
Radium-228, Particulate	**904.0**	--	--	--	--	--	--
Sodium-22, Dissolved	**901.1**	-1 U	2.8	4.8	3.64 U	2.48	6.84
Sodium-22, Particulate	**901.1**	0.056 U	1.2	2.2	0.03 U	0.42	0.86
Strontium-90, Dissolved	**905.0**	0.44 U	0.21	0.53	0.79 U	0.66	1.32
Strontium-90, Particulate	**905.0**	0.3 U	0.26	0.69	0.48 U	0.56	1.15
Tritium	**906.0**	0 U	140	240	172.7 U	134.69	224.25
Uranium-233/234, Dissolved	**908.0**	1.8 J	0.45	0.14	0.32 J	0.19	0.14
Uranium-233/234, Particulate	**908.0**	0.19 J	0.14	0.13	0.6	0.23	0.1
Uranium-235, Dissolved	**908.0**	0.12 UJ	0.13	0.18	0.06 UJ	0.1	0.15
Uranium-235, Particulate	**908.0**	0.063 UJ	0.11	0.19	0.05 U	0.09	0.16
Uranium-238, Dissolved	**908.0**	1.6 J	0.41	0.14	0.2 J	0.15	0.16
Uranium-238, Particulate	**908.0**	0.004 UJ	0.054	0.15	0.32	0.17	0.1
Sum of dissolved isotopic uranium activity	**Calculated**	3.4	--	--	0.52	--	--
Sum of particulate isotopic uranium activity	**Calculated**	0.19	--	--	0.92	--	--
Adjusted dissolved gross alpha	**Calculated**	1.9	--	--	4.43	--	--
Adjusted particulate gross alpha	**Calculated**	1.51	--	--	2.37	--	--

TABLE 18
RADIOCHEMISTRY ANALYTICAL RESULTS, 2012
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTRY, CA

	Well Identifier:	RD-56B	RD-56B	RD-56B	RD-57 (Port 7)	RD-57 (Port 7)	RD-57 (Port 7)
	Sample Type:	Primary	Primary	Primary	Primary	Primary	Primary
	Sample Name:	RD-56B_072312_01	RD-56B_072312_01	RD-56B_072312_01	RD-57_012612_01	RD-57_012612_01	RD-57_012612_01
	Groundwater Unit:	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth
	Lab Name:	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
	Collection Date:	7/23/2012	7/23/2012	7/23/2012	1/26/2012	1/26/2012	1/26/2012
Analyte Type (pCi/L)	**Method**	Activity	Error	MDA	Activity	Error	MDA
Antimony-125, Dissolved	**901.1**	-2 U	7.1	13	0.35 U	4.94	9.08
Antimony-125, Particulate	**901.1**	0.091 U	2.3	4.1	0.43 U	1.21	2.09
Barium-133, Dissolved	**901.1**	-0.46 U	3.3	5.9	-1.84 U	2.67	4.12
Barium-133, Particulate	**901.1**	0.12 U	0.98	1.8	-0.59 U	0.63	0.94
Cesium-134, Dissolved	**901.1**	-5 U	3.7	5.1	0.26 U	2.04	3.38
Cesium-134, Particulate	**901.1**	-1.4 U	1	1.6	-0.45 U	0.53	0.87
Cesium-137, Dissolved	**901.1**	1.4 U	3.1	5.3	0.12 U	2.55	4.1
Cesium-137, Particulate	**901.1**	1.5 U	1.7	1.7	0.32 U	0.6	1.05
Cobalt-60, Dissolved	**901.1**	-0.16 U	2.9	5.3	-1.83 U	2.36	4.2
Cobalt-60, Particulate	**901.1**	-0.37 U	1.1	1.9	0.38 U	0.72	1.33
Europium-152, Dissolved	**901.1**	7.1 U	21	41	10.29 U	13.22	26.36
Europium-152, Particulate	**901.1**	3.1 U	7.9	15	5.4 U	4.05	8.94
Europium-154, Dissolved	**901.1**	0.49 U	8.3	15	2.46 U	5.02	10.17
Europium-154, Particulate	**901.1**	2 U	3.6	7	1.1 U	1.9	3.69
Europium-155, Dissolved	**901.1**	2.2 U	4.7	8.1	0.24 U	3.84	6.11
Europium-155, Particulate	**901.1**	1 U	1	1.8	0.66 U	0.67	1.19
Gross Alpha, Dissolved	**900.0**	4.3 J	2.3	3.5	7.09	1.95	1.76
Gross Alpha, Particulate	**900.0**	14 J	3.6	3.4	0.26 U	0.44	0.93
Gross Beta, Dissolved	**900.0**	14 J	4.4	8.1	4.13 J	1.68	3.06
Gross Beta, Particulate	**900.0**	13 J	2.3	3.6	-0.11 U	1.23	2.65
Manganese-54, Dissolved	**901.1**	0.31 U	3.1	5.7	-0.67 U	1.87	3.27
Manganese-54, Particulate	**901.1**	-0.054 U	1	1.9	-0.19 U	0.52	0.91
Potassium-40, Dissolved	**901.1**	22 U	49	78	43.01 J	27.28	15.96
Potassium-40, Particulate	**901.1**	-10 U	18	25	-2.98 U	8.31	15.06
Radium-226, Dissolved	**903.0**	--	--	--	--	--	--
Radium-226, Particulate	**903.0**	--	--	--	--	--	--
Radium-228, Dissolved	**904.0**	--	--	--	--	--	--
Radium-228, Particulate	**904.0**	--	--	--	--	--	--
Sodium-22, Dissolved	**901.1**	-0.15 U	3	5.5	0.9 U	1.81	3.67
Sodium-22, Particulate	**901.1**	0.53 U	1.3	2.5	0.4 U	0.68	1.33
Strontium-90, Dissolved	**905.0**	0.23 U	0.21	0.55	-0.14 U	0.72	1.55
Strontium-90, Particulate	**905.0**	2.6	0.3	0.58	-0.36 U	0.71	1.55
Tritium	**906.0**	-170 U	140	240	0 U	140.32	239.78
Uranium-233/234, Dissolved	**908.0**	1.3 J	0.67	0.45	3.83 J	0.7	0.14
Uranium-233/234, Particulate	**908.0**	0.83	0.37	0.2	0.15 U	0.14	0.19
Uranium-235, Dissolved	**908.0**	0.03 UJ	0.19	0.53	0.22 J	0.17	0.17
Uranium-235, Particulate	**908.0**	0.047 UJ	0.13	0.28	0.06 U	0.09	0.15
Uranium-238, Dissolved	**908.0**	1.3 J	0.65	0.31	2.55 J	0.54	0.1
Uranium-238, Particulate	**908.0**	0.9	0.39	0.2	0.03 U	0.07	0.16
Sum of dissolved isotopic uranium activity	**Calculated**	2.6	--	--	6.6	--	--
Sum of particulate isotopic uranium activity	**Calculated**	1.73	--	--	ND	--	--
Adjusted dissolved gross alpha	**Calculated**	1.7	--	--	0.49	--	--
Adjusted particulate gross alpha	**Calculated**	12.27	--	--	ND	--	--

TABLE 18
RADIOCHEMISTRY ANALYTICAL RESULTS, 2012
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTRY, CA

	Well Identifier:	RD-59A	RD-59A	RD-59A	RD-59B	RD-59B	RD-59B
	Sample Type:	Primary	Primary	Primary	Primary	Primary	Primary
	Sample Name:	RD-59A_011212_01	RD-59A_011212_01	RD-59A_011212_01	RD-59B_011212_01	RD-59B_011212_01	RD-59B_011212_01
	Groundwater Unit:	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth
	Lab Name:	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
	Collection Date:	1/12/2012	1/12/2012	1/12/2012	1/12/2012	1/12/2012	1/12/2012
Analyte Type (pCi/L)	**Method**	Activity	Error	MDA	Activity	Error	MDA
Antimony-125, Dissolved	**901.1**	-0.21 U	4.41	8.11	-1.83 U	4.6	8.18
Antimony-125, Particulate	**901.1**	-0.1 U	0.98	1.67	0.43 U	1.06	1.9
Barium-133, Dissolved	**901.1**	0.6 U	1.99	3.44	-4.23 U	2.81	3.91
Barium-133, Particulate	**901.1**	-0.1 U	0.44	0.68	-0.76 U	0.56	0.81
Cesium-134, Dissolved	**901.1**	-1.23 U	2.12	3.21	-4.82 U	2.59	3.25
Cesium-134, Particulate	**901.1**	-0.68 U	0.44	0.66	0.3 U	0.43	0.79
Cesium-137, Dissolved	**901.1**	0.44 U	1.69	3.24	-1.46 U	2.47	4.05
Cesium-137, Particulate	**901.1**	-0.13 U	0.46	0.76	-0.05 U	0.52	0.88
Cobalt-60, Dissolved	**901.1**	-0.31 U	2.24	3.67	0.64 U	2.62	4.76
Cobalt-60, Particulate	**901.1**	-0.12 U	0.72	1.23	-0.33 U	0.51	0.86
Europium-152, Dissolved	**901.1**	6.14 U	10.78	21.94	15.97 U	13.31	29.3
Europium-152, Particulate	**901.1**	-0.55 U	4.11	5.35	-1.51 U	3.06	5.31
Europium-154, Dissolved	**901.1**	0.84 U	5.06	9.79	-0.92 U	5.46	9.77
Europium-154, Particulate	**901.1**	-0.71 U	1.4	2.4	0.48 U	1.56	3.15
Europium-155, Dissolved	**901.1**	-0.41 U	3.52	5.9	0.85 U	3.68	6.35
Europium-155, Particulate	**901.1**	0.6 U	0.66	1.03	-0.3 U	0.68	1.1
Gross Alpha, Dissolved	**900.0**	1.89 U	1.61	2.62	1.78 U	1.4	2.19
Gross Alpha, Particulate	**900.0**	0 U	0	0	0 U	0	0
Gross Beta, Dissolved	**900.0**	7.06 J	2.75	5.09	3.31 U	2.56	5.1
Gross Beta, Particulate	**900.0**	0 U	0	0	0 U	0	0
Manganese-54, Dissolved	**901.1**	0.41 U	1.84	3.48	-0.19 U	2.15	3.85
Manganese-54, Particulate	**901.1**	-0.25 U	0.41	0.69	-0.11 U	0.45	0.83
Potassium-40, Dissolved	**901.1**	20.33 U	27.22	33.23	8.48 U	26.95	52.66
Potassium-40, Particulate	**901.1**	-2.57 U	6.18	11.44	-4.8 U	7.15	12.44
Radium-226, Dissolved	**903.0**	--	--	--	--	--	--
Radium-226, Particulate	**903.0**	--	--	--	--	--	--
Radium-228, Dissolved	**904.0**	--	--	--	--	--	--
Radium-228, Particulate	**904.0**	--	--	--	--	--	--
Sodium-22, Dissolved	**901.1**	0.32 U	1.82	3.53	-0.33 U	1.96	3.51
Sodium-22, Particulate	**901.1**	-0.26 U	0.5	0.86	0.19 U	0.56	1.15
Strontium-90, Dissolved	**905.0**	0.75 U	0.65	1.31	0.31 U	0.65	1.36
Strontium-90, Particulate	**905.0**	0.8 U	0.61	1.21	0.62 U	0.59	1.2
Tritium	**906.0**	170.9 U	133.29	221.91	169.34 U	132.07	219.89
Uranium-233/234, Dissolved	**908.0**	0.84 J	0.3	0.13	0.5 J	0.22	0.15
Uranium-233/234, Particulate	**908.0**	0.01 UJ	0.04	0.12	0.06 UJ	0.07	0.12
Uranium-235, Dissolved	**908.0**	0.03 UJ	0.09	0.19	-0.04 UJ	0.06	0.2
Uranium-235, Particulate	**908.0**	-0.01 UJ	0.05	0.13	0 UJ	0.06	0.14
Uranium-238, Dissolved	**908.0**	0.64 J	0.26	0.11	0.16 J	0.12	0.1
Uranium-238, Particulate	**908.0**	0 UJ	0.04	0.09	0 UJ	0.04	0.08
Sum of dissolved isotopic uranium activity	**Calculated**	1.48	--	--	0.66	--	--
Sum of particulate isotopic uranium activity	**Calculated**	ND	--	--	ND	--	--
Adjusted dissolved gross alpha	**Calculated**	ND	--	--	ND	--	--
Adjusted particulate gross alpha	**Calculated**	ND	--	--	ND	--	--

TABLE 18
RADIOCHEMISTRY ANALYTICAL RESULTS, 2012
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTRY, CA

	Well Identifier:	RD-59C	RD-59C	RD-59C	RD-60	RD-60	RD-60
	Sample Type:	Primary	Primary	Primary	Primary	Primary	Primary
	Sample Name:	RD-59C_011212_01	RD-59C_011212_01	RD-59C_011212_01	RD-60_011912_01	RD-60_011912_01	RD-60_011912_01
	Groundwater Unit:	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth
	Lab Name:	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
	Collection Date:	1/12/2012	1/12/2012	1/12/2012	1/19/2012	1/19/2012	1/19/2012
Analyte Type (pCi/L)	**Method**	Activity	Error	MDA	Activity	Error	MDA
Antimony-125, Dissolved	**901.1**	-0.08 U	4.55	8.36	0.97 U	4.39	8.25
Antimony-125, Particulate	**901.1**	0.17 U	0.93	1.65	-0.27 U	2.66	4.54
Barium-133, Dissolved	**901.1**	-3.32 U	2.72	3.94	-0.36 U	2.21	3.61
Barium-133, Particulate	**901.1**	-0.98 U	0.54	0.71	0.41 U	1.2	1.92
Cesium-134, Dissolved	**901.1**	-3.29 U	2.45	3.33	-0.67 U	1.97	3.09
Cesium-134, Particulate	**901.1**	-0.1 U	0.45	0.73	-0.67 U	1.12	1.78
Cesium-137, Dissolved	**901.1**	0.37 U	2.58	4.52	-0.07 U	2.25	3.88
Cesium-137, Particulate	**901.1**	0.11 U	0.52	0.91	0.39 U	1.18	2.27
Cobalt-60, Dissolved	**901.1**	-1.83 U	2.55	4.06	-0.04 U	1.99	3.67
Cobalt-60, Particulate	**901.1**	0.4 U	0.57	1.18	0.09 U	1.26	2.46
Europium-152, Dissolved	**901.1**	4.27 U	12.07	24.14	-0.61 U	12.68	23.6
Europium-152, Particulate	**901.1**	0.74 U	2.75	5.95	8.58 U	7.42	17.25
Europium-154, Dissolved	**901.1**	-0.24 U	6.16	11.12	-2.87 U	5.98	10.13
Europium-154, Particulate	**901.1**	0.28 U	1.37	2.77	1.32 U	3.13	6.65
Europium-155, Dissolved	**901.1**	3.56 U	3.86	6.42	0.13 U	3.6	6.08
Europium-155, Particulate	**901.1**	-0.17 U	0.63	1.04	-1.1 U	1.18	1.91
Gross Alpha, Dissolved	**900.0**	-1.24 U	1.62	4.76	10.71	3.87	6.22
Gross Alpha, Particulate	**900.0**	0 U	0	0	0.47 U	0.26	0.51
Gross Beta, Dissolved	**900.0**	3.83 U	2.99	5.95	13.59	4.01	9.51
Gross Beta, Particulate	**900.0**	0 U	0	0	1.27 U	0.58	1.43
Manganese-54, Dissolved	**901.1**	-1.8 U	1.93	3.09	-0.76 U	1.98	3.45
Manganese-54, Particulate	**901.1**	0.3 U	0.51	0.95	-0.66 U	1.15	2.01
Potassium-40, Dissolved	**901.1**	-19.32 U	27.1	46.89	33.96 J	23.92	26.85
Potassium-40, Particulate	**901.1**	-2.67 U	7.39	13.47	-17.71 U	17.39	25.55
Radium-226, Dissolved	**903.0**	--	--	--	--	--	--
Radium-226, Particulate	**903.0**	--	--	--	--	--	--
Radium-228, Dissolved	**904.0**	--	--	--	--	--	--
Radium-228, Particulate	**904.0**	--	--	--	--	--	--
Sodium-22, Dissolved	**901.1**	-0.04 U	2.22	4.02	-0.99 U	2.16	3.68
Sodium-22, Particulate	**901.1**	0.09 U	0.49	0.99	0.59 U	1.1	2.39
Strontium-90, Dissolved	**905.0**	0.1 U	0.62	1.33	0.11 U	0.67	1.43
Strontium-90, Particulate	**905.0**	0.84 U	0.64	1.27	0.84 U	0.72	1.45
Tritium	**906.0**	171.05 U	133.4	222.1	171.19 U	140.36	234.08
Uranium-233/234, Dissolved	**908.0**	0.32 J	0.16	0.11	4.7 J	0.78	0.13
Uranium-233/234, Particulate	**908.0**	0.07 UJ	0.08	0.11	-0.05 UJ	0.06	0.19
Uranium-235, Dissolved	**908.0**	0.02 UJ	0.06	0.14	0.41 J	0.21	0.12
Uranium-235, Particulate	**908.0**	0 UJ	0.06	0.14	0 UJ	0.08	0.18
Uranium-238, Dissolved	**908.0**	0.08 UJ	0.08	0.11	4.81 J	0.79	0.1
Uranium-238, Particulate	**908.0**	0.01 UJ	0.04	0.08	-0.05 UJ	0.08	0.25
Sum of dissolved isotopic uranium activity	**Calculated**	0.32	--	--	9.92	--	--
Sum of particulate isotopic uranium activity	**Calculated**	ND	--	--	ND	--	--
Adjusted dissolved gross alpha	**Calculated**	ND	--	--	0.79	--	--
Adjusted particulate gross alpha	**Calculated**	ND	--	--	ND	--	--

TABLE 18
RADIOCHEMISTRY ANALYTICAL RESULTS, 2012
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTRY, CA

	Well Identifier:	RD-60	RD-60	RD-60	RD-63	RD-63	RD-63
	Sample Type:	Primary	Primary	Primary	Primary	Primary	Primary
	Sample Name:	RD-60_072312_01	RD-60_072312_01	RD-60_072312_01	RD-63_011912_01	RD-63_011912_01	RD-63_011912_01
	Groundwater Unit:	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth
	Lab Name:	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
	Collection Date:	7/23/2012	7/23/2012	7/23/2012	1/19/2012	1/19/2012	1/19/2012
Analyte Type (pCi/L)	**Method**	Activity	Error	MDA	Activity	Error	MDA
Antimony-125, Dissolved	**901.1**	-2.7 U	7.5	11	2.22 U	4.32	8.31
Antimony-125, Particulate	**901.1**	-0.21 U	2.3	4.1	2.73 U	2.56	4.88
Barium-133, Dissolved	**901.1**	-2.2 U	3.6	5.2	-1.35 U	2.63	4.13
Barium-133, Particulate	**901.1**	-1.2 U	1.1	1.8	-0.25 U	1.19	2
Cesium-134, Dissolved	**901.1**	-4.3 U	3	4.7	-1.94 U	1.95	3.19
Cesium-134, Particulate	**901.1**	-3 U	1.4	1.6	0.19 U	1.09	1.92
Cesium-137, Dissolved	**901.1**	-2.2 U	3.8	5.6	-0.83 U	2.41	3.66
Cesium-137, Particulate	**901.1**	-0.29 U	1	1.8	0.27 U	1.13	2.17
Cobalt-60, Dissolved	**901.1**	-0.007 U	2.9	5.3	-0.18 U	2.8	4.96
Cobalt-60, Particulate	**901.1**	0.47 U	1.1	2.1	0.82 U	1.19	2.55
Europium-152, Dissolved	**901.1**	8.3 U	19	38	11.36 U	12.34	26.76
Europium-152, Particulate	**901.1**	-5.2 U	6.5	10	-0.64 U	6.71	13.4
Europium-154, Dissolved	**901.1**	-2.9 U	7.9	14	-2.67 U	5.57	9.35
Europium-154, Particulate	**901.1**	1.6 U	3.3	6.3	-3.1 U	3.49	5.63
Europium-155, Dissolved	**901.1**	1.7 U	4.5	8	1.2 U	3.76	6.51
Europium-155, Particulate	**901.1**	-0.17 U	1.5	2.2	-0.96 U	1.22	1.99
Gross Alpha, Dissolved	**900.0**	15 UJ	10	18	8.5	2.12	3.24
Gross Alpha, Particulate	**900.0**	-0.12 UJ	0.62	1.5	0.19 U	0.27	0.7
Gross Beta, Dissolved	**900.0**	81 J	21	35	12.75	1.61	3.05
Gross Beta, Particulate	**900.0**	6.6 J	1.6	2.8	2.1 J	0.63	1.49
Manganese-54, Dissolved	**901.1**	0.36 U	2.8	5.1	0.53 U	1.77	3.38
Manganese-54, Particulate	**901.1**	-0.98 U	1	1.6	-0.25 U	1.09	2.01
Potassium-40, Dissolved	**901.1**	2.9 U	39	72	12 U	28.45	55.26
Potassium-40, Particulate	**901.1**	-1.4 U	17	27	-4.04 U	13.78	27.42
Radium-226, Dissolved	**903.0**	--	--	--	--	--	--
Radium-226, Particulate	**903.0**	--	--	--	--	--	--
Radium-228, Dissolved	**904.0**	--	--	--	--	--	--
Radium-228, Particulate	**904.0**	--	--	--	--	--	--
Sodium-22, Dissolved	**901.1**	-1 U	2.8	4.9	-0.96 U	2.01	3.37
Sodium-22, Particulate	**901.1**	0.57 U	1.2	2.3	-0.86 U	1.21	2.04
Strontium-90, Dissolved	**905.0**	0.15 U	0.23	0.62	0.52 U	0.65	1.32
Strontium-90, Particulate	**905.0**	0.41 U	0.21	0.52	1.05 U	0.61	1.18
Tritium	**906.0**	-170 U	140	240	0 U	137.61	235.15
Uranium-233/234, Dissolved	**908.0**	5.3	1.1	0.16	4.77 J	0.83	0.14
Uranium-233/234, Particulate	**908.0**	-0.019 U	0.075	0.19	0.04 UJ	0.07	0.11
Uranium-235, Dissolved	**908.0**	0.84 J	0.38	0.18	0.32 J	0.2	0.18
Uranium-235, Particulate	**908.0**	0.03 UJ	0.091	0.22	-0.01 UJ	0.06	0.14
Uranium-238, Dissolved	**908.0**	6.3	1.2	0.18	4.67 J	0.81	0.11
Uranium-238, Particulate	**908.0**	0.041 U	0.13	0.28	-0.01 UJ	0.05	0.11
Sum of dissolved isotopic uranium activity	**Calculated**	12.44	--	--	9.76	--	--
Sum of particulate isotopic uranium activity	**Calculated**	ND	--	--	ND	--	--
Adjusted dissolved gross alpha	**Calculated**	ND	--	--	< 0	--	--
Adjusted particulate gross alpha	**Calculated**	ND	--	--	ND	--	--

TABLE 18
RADIOCHEMISTRY ANALYTICAL RESULTS, 2012
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTRY, CA

	Well Identifier:	RD-85	RD-85	RD-85	RD-86	RD-86	RD-86
	Sample Type:	Primary	Primary	Primary	Primary	Primary	Primary
	Sample Name:	RD-85_011812_01	RD-85_011812_01	RD-85_011812_01	RD-86_011712_01	RD-86_011712_01	RD-86_011712_01
	Groundwater Unit:	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth
	Lab Name:	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
	Collection Date:	1/18/2012	1/18/2012	1/18/2012	1/17/2012	1/17/2012	1/17/2012
Analyte Type (pCi/L)	**Method**	Activity	Error	MDA	Activity	Error	MDA
Antimony-125, Dissolved	**901.1**	3.64 U	4.81	9.28	3.97 U	4.59	9
Antimony-125, Particulate	**901.1**	-0.4 U	1.17	2.09	0.25 U	1.13	2.11
Barium-133, Dissolved	**901.1**	-4.97 U	2.83	3.8	-1.04 U	1.92	3.39
Barium-133, Particulate	**901.1**	-0.91 U	0.69	0.99	-0.23 U	0.58	0.85
Cesium-134, Dissolved	**901.1**	-0.94 U	2.01	3.09	0.28 U	1.92	3.52
Cesium-134, Particulate	**901.1**	-0.81 U	0.59	0.91	-0.55 U	0.54	0.87
Cesium-137, Dissolved	**901.1**	-0.22 U	2.45	4.02	1.06 U	2.14	3.71
Cesium-137, Particulate	**901.1**	-0.03 U	0.61	1	0.26 U	0.62	1.07
Cobalt-60, Dissolved	**901.1**	2.57 U	2.76	4.61	-0.47 U	1.98	3.52
Cobalt-60, Particulate	**901.1**	0.02 U	0.72	1.29	-0.2 U	0.75	1.3
Europium-152, Dissolved	**901.1**	6.98 U	12.01	24.95	11.22 U	14.41	29.77
Europium-152, Particulate	**901.1**	0.42 U	3.82	7.24	0.28 U	3.51	6.68
Europium-154, Dissolved	**901.1**	-0.15 U	5.82	9.55	0.39 U	4.51	8.78
Europium-154, Particulate	**901.1**	0.77 U	1.67	3.28	0.2 U	1.46	2.79
Europium-155, Dissolved	**901.1**	1.3 U	3.55	6.19	-4.95 U	4.25	5.88
Europium-155, Particulate	**901.1**	0.45 U	0.66	1.16	-0.19 U	0.63	1.06
Gross Alpha, Dissolved	**900.0**	9.02 J	4.06	5.19	3.9 U	2.47	4.14
Gross Alpha, Particulate	**900.0**	0.13 U	0.39	0.91	-0.45 U	0.58	1.56
Gross Beta, Dissolved	**900.0**	15.11	3.63	5.91	4.76 J	1.95	3.66
Gross Beta, Particulate	**900.0**	0.46 U	1.15	2.41	1.88 U	1.36	2.7
Manganese-54, Dissolved	**901.1**	1.39 U	2.05	3.86	-0.34 U	1.89	3.39
Manganese-54, Particulate	**901.1**	0.26 U	0.47	0.91	0.43 U	0.52	1.02
Potassium-40, Dissolved	**901.1**	-8.67 U	28.44	54.96	-7.69 U	28.47	52.43
Potassium-40, Particulate	**901.1**	-0.25 U	9.06	17.76	-3.82 U	7.7	14.93
Radium-226, Dissolved	**903.0**	--	--	--	--	--	--
Radium-226, Particulate	**903.0**	--	--	--	--	--	--
Radium-228, Dissolved	**904.0**	--	--	--	--	--	--
Radium-228, Particulate	**904.0**	--	--	--	--	--	--
Sodium-22, Dissolved	**901.1**	-0.04 U	2.09	3.44	0.14 U	1.62	3.16
Sodium-22, Particulate	**901.1**	0.29 U	0.6	1.18	0.06 U	0.52	1
Strontium-90, Dissolved	**905.0**	0.36 U	0.56	1.15	0.74 U	0.73	1.49
Strontium-90, Particulate	**905.0**	0.74 U	0.65	1.3	-0.56 U	0.61	1.38
Tritium	**906.0**	0 U	140.35	239.84	172.22 U	134.32	223.62
Uranium-233/234, Dissolved	**908.0**	4.1 J	0.72	0.13	2.27 J	0.53	0.14
Uranium-233/234, Particulate	**908.0**	-0.01 UJ	0.05	0.12	0.01 UJ	0.05	0.14
Uranium-235, Dissolved	**908.0**	0.24 J	0.16	0.12	0.19 UJ	0.17	0.19
Uranium-235, Particulate	**908.0**	-0.01 UJ	0.06	0.13	0.05 UJ	0.08	0.15
Uranium-238, Dissolved	**908.0**	3.92 J	0.7	0.15	2.13 J	0.51	0.12
Uranium-238, Particulate	**908.0**	0.04 UJ	0.07	0.1	0.04 UJ	0.07	0.11
Sum of dissolved isotopic uranium activity	**Calculated**	8.26	--	--	4.4	--	--
Sum of particulate isotopic uranium activity	**Calculated**	ND	--	--	ND	--	--
Adjusted dissolved gross alpha	**Calculated**	0.76	--	--	ND	--	--
Adjusted particulate gross alpha	**Calculated**	ND	--	--	ND	--	--

TABLE 18
RADIOCHEMISTRY ANALYTICAL RESULTS, 2012
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTRY, CA

	Well Identifier:	RD-86	RD-86	RD-86	RD-96	RD-96	RD-96
	Sample Type:	Field Duplicate	Field Duplicate	Field Duplicate	Primary	Primary	Primary
	Sample Name:	RD-86_011712_36	RD-86_011712_36	RD-86_011712_36	RD-96_011712_01	RD-96_011712_01	RD-96_011712_01
	Groundwater Unit:	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth
	Lab Name:	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
	Collection Date:	1/17/2012	1/17/2012	1/17/2012	1/17/2012	1/17/2012	1/17/2012
Analyte Type (pCi/L)	**Method**	Activity	Error	MDA	Activity	Error	MDA
Antimony-125, Dissolved	**901.1**	3.25 U	8.93	16	2.77 U	8.98	16.01
Antimony-125, Particulate	**901.1**	-1.14 U	1.01	1.45	0.55 U	0.92	1.7
Barium-133, Dissolved	**901.1**	-0.82 U	4.25	7.16	0.62 U	4.06	7.07
Barium-133, Particulate	**901.1**	-0.31 U	0.52	0.84	-0.52 U	0.48	0.72
Cesium-134, Dissolved	**901.1**	-5.27 U	4.3	6.33	-3.28 U	4	6.21
Cesium-134, Particulate	**901.1**	0.15 U	0.44	0.85	0.04 U	0.43	0.73
Cesium-137, Dissolved	**901.1**	0.77 U	3.78	7.22	-0.11 U	3.82	7.12
Cesium-137, Particulate	**901.1**	0.5 U	0.51	1.03	0.24 U	0.43	0.85
Cobalt-60, Dissolved	**901.1**	-3.45 U	4.33	7.2	0.81 U	3.81	7.63
Cobalt-60, Particulate	**901.1**	0 U	0.6	1.02	-0.25 U	0.41	0.7
Europium-152, Dissolved	**901.1**	14.25 U	28.03	59.17	-13 U	33.4	51.16
Europium-152, Particulate	**901.1**	-0.87 U	3.82	6.2	-0.51 U	3.67	6.82
Europium-154, Dissolved	**901.1**	-5.37 U	13.42	20.56	4.56 U	12.82	23.62
Europium-154, Particulate	**901.1**	-0.38 U	1.44	2.64	-0.87 U	1.55	2.62
Europium-155, Dissolved	**901.1**	-11.42 U	5.54	7.85	-10.66 U	5.67	8.18
Europium-155, Particulate	**901.1**	0.24 U	0.6	1.06	0.75 U	0.86	1.08
Gross Alpha, Dissolved	**900.0**	2.09 U	1.53	2.51	11.12	3.79	5.41
Gross Alpha, Particulate	**900.0**	0 U	0.41	1.02	0.31 U	0.84	1.82
Gross Beta, Dissolved	**900.0**	3.16 U	1.73	3.31	6.86	2.36	4.21
Gross Beta, Particulate	**900.0**	1.31 U	1.1	2.2	0.88 U	1.29	2.65
Manganese-54, Dissolved	**901.1**	0.09 U	3.65	6.94	2.65 U	3.82	7.77
Manganese-54, Particulate	**901.1**	0.14 U	0.45	0.89	0.1 U	0.46	0.88
Potassium-40, Dissolved	**901.1**	-13.9 U	42.82	75.16	9.19 U	48.72	92.77
Potassium-40, Particulate	**901.1**	1.62 U	6.25	12.22	0.85 U	5.85	11.18
Radium-226, Dissolved	**903.0**	--	--	--	--	--	--
Radium-226, Particulate	**903.0**	--	--	--	--	--	--
Radium-228, Dissolved	**904.0**	--	--	--	--	--	--
Radium-228, Particulate	**904.0**	--	--	--	--	--	--
Sodium-22, Dissolved	**901.1**	-1.79 U	4.85	7.5	2.31 U	4.45	8.52
Sodium-22, Particulate	**901.1**	-0.13 U	0.52	0.96	-0.32 U	0.56	0.94
Strontium-90, Dissolved	**905.0**	0.55 U	0.58	1.18	0.95 U	0.6	1.17
Strontium-90, Particulate	**905.0**	0.35 U	0.62	1.29	0.26 U	0.55	1.16
Tritium	**906.0**	172.88 U	134.83	224.48	173.83 U	135.57	225.71
Uranium-233/234, Dissolved	**908.0**	1.91 J	0.48	0.19	6.91	1.14	0.18
Uranium-233/234, Particulate	**908.0**	0.03 UJ	0.07	0.13	0 UJ	0.04	0.13
Uranium-235, Dissolved	**908.0**	0.12 UJ	0.14	0.19	0.15 U	0.17	0.24
Uranium-235, Particulate	**908.0**	-0.01 UJ	0.06	0.19	0.05 UJ	0.09	0.15
Uranium-238, Dissolved	**908.0**	1.85 J	0.47	0.13	5.93	1.02	0.12
Uranium-238, Particulate	**908.0**	0.02 UJ	0.07	0.15	0.04 UJ	0.06	0.09
Sum of dissolved isotopic uranium activity	**Calculated**	3.76	--	--	12.84	--	--
Sum of particulate isotopic uranium activity	**Calculated**	ND	--	--	ND	--	--
Adjusted dissolved gross alpha	**Calculated**	ND	--	--	< 0	--	--
Adjusted particulate gross alpha	**Calculated**	ND	--	--	ND	--	--

TABLE 18
RADIOCHEMISTRY ANALYTICAL RESULTS, 2012
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTRY, CA

	Well Identifier:	RD-98	RD-98	RD-98	RD-102	RD-102	RD-102
	Sample Type:	Primary	Primary	Primary	Primary	Primary	Primary
	Sample Name:	RD-98_012012_01	RD-98_012012_01	RD-98_012012_01	RD-102_012012_01	RD-102_012012_01	RD-102_012012_01
	Groundwater Unit:	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth
	Lab Name:	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
	Collection Date:	1/20/2012	1/20/2012	1/20/2012	1/20/2012	1/20/2012	1/20/2012
Analyte Type (pCi/L)	**Method**	Activity	Error	MDA	Activity	Error	MDA
Antimony-125, Dissolved	**901.1**	0.87 U	5.3	9.28	0.61 U	4.73	8.77
Antimony-125, Particulate	**901.1**	-0.23 U	1.05	1.89	0 U	1.18	2.17
Barium-133, Dissolved	**901.1**	-0.02 U	2.41	4.14	-5.12 U	3.03	4.14
Barium-133, Particulate	**901.1**	-0.2 U	0.5	0.8	-0.9 U	0.67	0.94
Cesium-134, Dissolved	**901.1**	-1.7 U	2.1	3.12	-0.32 U	2.27	3.61
Cesium-134, Particulate	**901.1**	-0.51 U	0.51	0.83	-0.73 U	0.61	0.97
Cesium-137, Dissolved	**901.1**	3.87 U	3.14	3.9	1.19 U	1.19 U	4.53
Cesium-137, Particulate	**901.1**	-0.04 U	0.54	0.92	0.39 U	0.69	1.15
Cobalt-60, Dissolved	**901.1**	1.13 U	2.28	4.7	-0.19 U	2.38	4.62
Cobalt-60, Particulate	**901.1**	0.27 U	0.52	1.03	-0.13 U	0.7	1.34
Europium-152, Dissolved	**901.1**	2.1 U	13.42	21.85	1.48 U	13.91	26
Europium-152, Particulate	**901.1**	2.93 U	3.41	6.97	-0.48 U	4.32	7.73
Europium-154, Dissolved	**901.1**	0.63 U	6.08	11.99	2.12 U	5.59	10.92
Europium-154, Particulate	**901.1**	0.8 U	1.32	2.77	1.08 U	3.07	3.11
Europium-155, Dissolved	**901.1**	4.26 U	4.6	8.22	4.29 U	3.81	6.8
Europium-155, Particulate	**901.1**	0.21 U	0.59	1.02	0.26 U	0.66	1.16
Gross Alpha, Dissolved	**900.0**	7.13	2.2	1.79	5.57 U	3.64	6.45
Gross Alpha, Particulate	**900.0**	8.88	1.29	0.94	7.79	2.34	3.06
Gross Beta, Dissolved	**900.0**	154.68	5.34	3.14	4.9 U	3.11	6.12
Gross Beta, Particulate	**900.0**	11.2	1.42	1.82	8.43	2	3.27
Manganese-54, Dissolved	**901.1**	-0.22 U	1.93	3.64	0.29 U	2.1	3.85
Manganese-54, Particulate	**901.1**	0.02 U	0.52	0.94	-0.18 U	0.65	1
Potassium-40, Dissolved	**901.1**	-3.85 U	27.94	51.23	-14.57 U	30.16	52.12
Potassium-40, Particulate	**901.1**	-0.01 U	6.69	12.8	-4.16 U	9.12	15.81
Radium-226, Dissolved	**903.0**	--	--	--	0.32	0.15	0.1
Radium-226, Particulate	**903.0**	--	--	--	0.46	0.17	0.1
Radium-228, Dissolved	**904.0**	--	--	--	0.71 UJ	0.46	0.9
Radium-228, Particulate	**904.0**	--	--	--	0.56 UJ	0.4	0.79
Sodium-22, Dissolved	**901.1**	0.2 U	2.18	4.3	0.75 U	2.01	3.92
Sodium-22, Particulate	**901.1**	0.29 U	0.48	1	-0.01 U	0.61	1.11
Strontium-90, Dissolved	**905.0**	62.27	2.14	1.32	0.61 U	0.63	1.27
Strontium-90, Particulate	**905.0**	4	0.84	1.4	0.44 U	0.66	1.36
Tritium	**906.0**	0 U	139.37	238.15	0 U	140.38	239.88
Uranium-233/234, Dissolved	**908.0**	4.11	0.88	0.2	6.59	1.1	0.16
Uranium-233/234, Particulate	**908.0**	0.11 UJ	0.1	0.13	0.42 J	0.19	0.09
Uranium-235, Dissolved	**908.0**	0.29 J	0.23	0.25	0.34 J	0.22	0.2
Uranium-235, Particulate	**908.0**	0.08 UJ	0.1	0.16	0.02 UJ	0.05	0.12
Uranium-238, Dissolved	**908.0**	2.05	0.57	0.2	5.38	0.95	0.12
Uranium-238, Particulate	**908.0**	0.08 UJ	0.09	0.13	0.52 J	0.21	0.09
Sum of dissolved isotopic uranium activity	**Calculated**	6.45	--	--	12.31	--	--
Sum of particulate isotopic uranium activity	**Calculated**	ND	--	--	0.94	--	--
Adjusted dissolved gross alpha	**Calculated**	0.68	--	--	ND	--	--
Adjusted particulate gross alpha	**Calculated**	NA	--	--	6.85	--	--

TABLE 18
RADIOCHEMISTRY ANALYTICAL RESULTS, 2012
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTRY, CA

	Well Identifier:	RS-11	RS-11	RS-11
	Sample Type:	Primary	Primary	Primary
	Sample Name:	RS-11_012312_01	RS-11_012312_01	RS-11_012312_01
	Groundwater Unit:	Shallow	Shallow	Shallow
	Lab Name:	TA- Denver	TA- Denver	TA- Denver
	Collection Date:	1/23/2012	1/23/2012	1/23/2012
Analyte Type (pCi/L)	**Method**	Activity	Error	MDA
Antimony-125, Dissolved	**901.1**	--	--	--
Antimony-125, Particulate	**901.1**	--	--	--
Barium-133, Dissolved	**901.1**	--	--	--
Barium-133, Particulate	**901.1**	--	--	--
Cesium-134, Dissolved	**901.1**	--	--	--
Cesium-134, Particulate	**901.1**	--	--	--
Cesium-137, Dissolved	**901.1**	--	--	--
Cesium-137, Particulate	**901.1**	--	--	--
Cobalt-60, Dissolved	**901.1**	--	--	--
Cobalt-60, Particulate	**901.1**	--	--	--
Europium-152, Dissolved	**901.1**	--	--	--
Europium-152, Particulate	**901.1**	--	--	--
Europium-154, Dissolved	**901.1**	--	--	--
Europium-154, Particulate	**901.1**	--	--	--
Europium-155, Dissolved	**901.1**	--	--	--
Europium-155, Particulate	**901.1**	--	--	--
Gross Alpha, Dissolved	**900.0**	36.19	8.33	7.39
Gross Alpha, Particulate	**900.0**	56.18	7.98	4.08
Gross Beta, Dissolved	**900.0**	24.62	5.02	7.75
Gross Beta, Particulate	**900.0**	47.85	3.5	3.24
Manganese-54, Dissolved	**901.1**	--	--	--
Manganese-54, Particulate	**901.1**	--	--	--
Potassium-40, Dissolved	**901.1**	--	--	--
Potassium-40, Particulate	**901.1**	--	--	--
Radium-226, Dissolved	**903.0**	--	--	--
Radium-226, Particulate	**903.0**	--	--	--
Radium-228, Dissolved	**904.0**	--	--	--
Radium-228, Particulate	**904.0**	--	--	--
Sodium-22, Dissolved	**901.1**	--	--	--
Sodium-22, Particulate	**901.1**	--	--	--
Strontium-90, Dissolved	**905.0**	--	--	--
Strontium-90, Particulate	**905.0**	--	--	--
Tritium	**906.0**	--	--	--
Uranium-233/234, Dissolved	**908.0**	--	--	--
Uranium-233/234, Particulate	**908.0**	--	--	--
Uranium-235, Dissolved	**908.0**	--	--	--
Uranium-235, Particulate	**908.0**	--	--	--
Uranium-238, Dissolved	**908.0**	--	--	--
Uranium-238, Particulate	**908.0**	--	--	--
Sum of dissolved isotopic uranium activity	**Calculated**	NA	--	--
Sum of particulate isotopic uranium activity	**Calculated**	NA	--	--
Adjusted dissolved gross alpha	**Calculated**	NA	--	--
Adjusted particulate gross alpha	**Calculated**	NA	--	--

TABLE 18
RADIOCHEMISTRY ANALYTICAL RESULTS, 2012
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTRY, CA

	Well Identifier:	RS-36	RS-36	RS-36
	Sample Type:	Primary	Primary	Primary
	Sample Name:	RS-36_012312_01	RS-36_012312_01	RS-36_012312_01
	Groundwater Unit:	Shallow	Shallow	Shallow
	Lab Name:	TA- Denver	TA- Denver	TA- Denver
	Collection Date:	1/23/2012	1/23/2012	1/23/2012
Analyte Type (pCi/L)	**Method**	Activity	Error	MDA
Antimony-125, Dissolved	**901.1**	2.67 U	4.97	9.15
Antimony-125, Particulate	**901.1**	1.06 U	1.69	3.09
Barium-133, Dissolved	**901.1**	-1.6 U	2.53	4.02
Barium-133, Particulate	**901.1**	-0.32 U	0.74	1.2
Cesium-134, Dissolved	**901.1**	-1.44 U	2.18	3.8
Cesium-134, Particulate	**901.1**	-0.16 U	0.64	1.17
Cesium-137, Dissolved	**901.1**	0.38 U	4.32	3.71
Cesium-137, Particulate	**901.1**	-0.13 U	0.76	1.29
Cobalt-60, Dissolved	**901.1**	3.04 U	2.28	4.71
Cobalt-60, Particulate	**901.1**	0.57 U	0.75	1.64
Europium-152, Dissolved	**901.1**	13.56 U	15.26	34.22
Europium-152, Particulate	**901.1**	-1.67 U	5.17	9.36
Europium-154, Dissolved	**901.1**	-3.11 U	5.55	9.47
Europium-154, Particulate	**901.1**	-0.52 U	1.93	3.58
Europium-155, Dissolved	**901.1**	-2.25 U	4.37	7.39
Europium-155, Particulate	**901.1**	0.6 U	0.98	1.74
Gross Alpha, Dissolved	**900.0**	-0.86 U	3.04	7.42
Gross Alpha, Particulate	**900.0**	0.71	0.42	0.19
Gross Beta, Dissolved	**900.0**	10.54	3.45	6.19
Gross Beta, Particulate	**900.0**	0.84 U	1.29	2.66
Manganese-54, Dissolved	**901.1**	0.07 U	2.03	3.89
Manganese-54, Particulate	**901.1**	0.44 U	0.67	1.38
Potassium-40, Dissolved	**901.1**	8.01 U	28.05	55.01
Potassium-40, Particulate	**901.1**	0.91 U	11.49	21.61
Radium-226, Dissolved	**903.0**	-0.02 U	0.07	0.17
Radium-226, Particulate	**903.0**	0.14 U	0.15	0.17
Radium-228, Dissolved	**904.0**	1.06 U	0.67	1.31
Radium-228, Particulate	**904.0**	1.2 U	0.64	1.24
Sodium-22, Dissolved	**901.1**	-1.14 U	1.99	3.39
Sodium-22, Particulate	**901.1**	-0.19 U	0.69	1.29
Strontium-90, Dissolved	**905.0**	0.91 U	0.63	1.23
Strontium-90, Particulate	**905.0**	0.75 U	0.59	1.19
Tritium	**906.0**	0 U	138.03	235.87
Uranium-233/234, Dissolved	**908.0**	1.13 J	0.37	0.16
Uranium-233/234, Particulate	**908.0**	0 UJ	0.06	0.13
Uranium-235, Dissolved	**908.0**	0.09 U	0.11	0.15
Uranium-235, Particulate	**908.0**	0.05 UJ	0.08	0.12
Uranium-238, Dissolved	**908.0**	0.48 J	0.23	0.16
Uranium-238, Particulate	**908.0**	0.08 UJ	0.09	0.1
Sum of dissolved isotopic uranium activity	**Calculated**	1.61	--	--
Sum of particulate isotopic uranium activity	**Calculated**	ND	--	--
Adjusted dissolved gross alpha	**Calculated**	ND	--	--
Adjusted particulate gross alpha	**Calculated**	NA	--	--

NOTES AND ABBREVIATIONS

Chatsworth - Chatsworth Formation groundwater unit
Shallow - Near-surface groundwater unit

pCi/L - picocuries per liter

-- Not available
J - Result is estimated
U - Not detected above the minimum detectable activity (MDA)
or required detection limit (RDL)
UJ - The result is not detected; however the MDA or RDL is estimated
NA - not applicable
ND - not detected

TABLE 19
METALS ANALYTICAL RESULTS, 2012
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		ES-17	ES-26	ES-26	ES-27	HAR-01
SampleType:		Primary	Primary	Field Duplicate	Primary	Primary
Sample Name:		ES-17_020312_01	ES-26_021512_01	ES-26_021512_36	ES-27_020112_01	HAR-01_020812_01
Groundwater Unit:		Shallow	Shallow	Shallow	Shallow	Chatsworth
Lab Name:		TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
Collection Date:		2/3/2012	2/15/2012	2/15/2012	2/1/2012	2/8/2012
Analyte (mg/L)	**Method**					
Aluminum, dissolved	**6010B**	--	--	--	--	--
Antimony	**6020**	0.0002 J	--	--	0.0002 U	0.0002 U
Antimony, dissolved	**6020**	0.0002 J	--	--	0.0002 U	0.0002 U
Arsenic	**6020**	0.001 J	--	--	0.00037 J	0.00089 J
Arsenic, dissolved	**6020**	0.001 J	--	--	0.00033 U	0.00096 J
Barium	**6010B**	--	--	--	--	--
Barium	**6020**	0.027	--	--	0.05	0.033
Barium, dissolved	**6010B**	--	--	--	--	--
Barium, dissolved	**6020**	0.027	--	--	0.047	0.035
Beryllium	**6020**	0.00008 U	--	--	0.00008 U	0.00008 U
Beryllium, dissolved	**6020**	0.00008 U	--	--	0.00008 U	0.00008 U
Boron, dissolved	**6010B**	--	--	--	--	--
Cadmium	**6020**	0.000061 J	--	--	0.000049 J	0.00013 J
Cadmium, dissolved	**6020**	0.00004 U	--	--	0.000051 U	0.00016 J
Calcium	**6010B**	91	130	130	--	--
Calcium, dissolved	**6010B**	94	130	130	--	--
Chromium	**6020**	0.0048 J	--	--	0.0022 J	0.0019 J
Chromium, dissolved	**6020**	0.0005 U	--	--	0.0017 J	0.0019 J
Cobalt	**6020**	0.00023 J	--	--	0.0011	0.000054 U
Cobalt, dissolved	**6020**	0.00016 J	--	--	0.0011	0.000054 U
Copper	**6020**	0.0017 J	--	--	0.00056 U	0.00056 U
Copper, dissolved	**6020**	0.0013 J	--	--	0.00056 U	0.00056 U
Hexavalent Chromium	**7196A**	--	--	--	--	--
Hexavalent Chromium, dissolved	**7196A**	--	--	--	--	--
Iron	**6010B**	0.022 U	0.34	0.33	--	--
Iron, dissolved	**6010B**	0.022 U	0.76	0.71	--	--
Lead	**6020**	0.00018 U	--	--	0.00018 U	0.00018 U
Lead, dissolved	**6020**	0.00018 U	--	--	0.00018 U	0.00018 U
Magnesium	**6010B**	15	15	15	--	--
Magnesium, dissolved	**6010B**	15	15	15	--	--
Manganese	**6010B**	0.021	1.7	1.7	--	--
Manganese, dissolved	**6010B**	0.022	2.3	2.4	--	--
Manganese, dissolved	**6020**	--	--	--	--	--
Mercury	**7470A**	0.000027 U	--	--	0.000027 U	0.000027 U
Mercury, dissolved	**7470A**	0.000027 U	--	--	0.000027 U	0.000027 U
Molybdenum	**6010B**	--	--	--	--	--
Molybdenum, dissolved	**6010B**	--	--	--	--	--
Molybdenum, dissolved	**6020**	--	--	--	--	--
Nickel	**6020**	0.0018 J	--	--	0.011	0.0012 J
Nickel, dissolved	**6020**	0.0013 J	--	--	0.012	0.0015 J
Potassium	**6010B**	1.3 J	2.5 J	2.5 J	--	--
Potassium, dissolved	**6010B**	1.3 J	2.5 J	2.6 J	--	--
Selenium	**6020**	0.0021 J	--	--	0.00078 J	0.008
Selenium, dissolved	**6020**	0.0019 J	--	--	0.00091 J	0.0088
Silver	**6020**	0.000033 U	--	--	0.000094 J	0.000033 U
Silver, dissolved	**6020**	0.000033 U	--	--	0.000033 U	0.000033 U
Sodium	**6010B**	92	91	90	--	--
Sodium, dissolved	**6010B**	94	91	91	--	--
Strontium	**6010B**	0.5	0.74	0.73	--	--
Strontium, dissolved	**6010B**	0.51	0.73	0.73	--	--
Thallium	**6020**	0.000079 U	--	--	0.000033 U	0.000033 U
Thallium, dissolved	**6020**	0.000033 U	--	--	0.000033 U	0.000033 U
Tin	**6020**	0.00077 U	--	--	0.00077 U	0.00077 U
Tin, dissolved	**6020**	0.00077 U	--	--	0.00077 U	0.00077 U
Vanadium	**6010B**	--	--	--	--	--
Vanadium	**6020**	0.0025 J	--	--	0.0011 J	0.0043 J
Vanadium, dissolved	**6010B**	--	--	--	--	--
Vanadium, dissolved	**6020**	0.0024 J	--	--	0.0012 J	0.0043 J
Zinc	**6010B**	--	0.0055 J	0.0057 J	--	--
Zinc	**6020**	0.051	--	--	0.046	0.16
Zinc, dissolved	**6010B**	--	0.0045 U	0.0045 U	--	--
Zinc, dissolved	**6020**	0.051	--	--	0.049	0.17

TABLE 19
METALS ANALYTICAL RESULTS, 2012
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		HAR-07	HAR-07	HAR-08	HAR-09
SampleType:		Primary	Field Duplicate	Primary	Primary
Sample Name:		HAR-07_013112_01	HAR-07_013112_36	HAR-08_012712_01	HAR-09_012512_01
Groundwater Unit:		Chatsworth	Chatsworth	Chatsworth	Shallow
Lab Name:		TA- Denver	TA- Denver	TA- Denver	TA- Denver
Collection Date:		1/31/2012	1/31/2012	1/27/2012	1/25/2012
Analyte (mg/L)	**Method**				
Aluminum, dissolved	**6010B**	--	--	--	--
Antimony	**6020**	0.0002 U	0.00057 J	0.00063 J	0.0002 U
Antimony, dissolved	**6020**	0.0002 U	0.00057 J	0.0002 U	0.0002 U
Arsenic	**6020**	0.00065 J	0.00081 J	0.00037 J	0.015
Arsenic, dissolved	**6020**	0.00036 J	0.00033 U	0.00092 J	0.015
Barium	**6010B**	--	--	--	--
Barium	**6020**	0.033	0.031	0.067 J	0.038
Barium, dissolved	**6010B**	--	--	--	--
Barium, dissolved	**6020**	0.016	0.015	0.071	0.037
Beryllium	**6020**	0.00008 U	0.00038 J	0.00008 U	0.00008 U
Beryllium, dissolved	**6020**	0.00008 U	0.00019 J	0.00008 U	0.00008 U
Boron, dissolved	**6010B**	--	--	--	--
Cadmium	**6020**	0.00025 J	0.00016 J	0.00004 U	0.00004 U
Cadmium, dissolved	**6020**	0.00004 U	0.000047 U	0.00004 U	0.00004 U
Calcium	**6010B**	--	--	--	180
Calcium, dissolved	**6010B**	--	--	--	180
Chromium	**6020**	0.00075 J	0.00082 J	0.0005 U	0.0005 U
Chromium, dissolved	**6020**	0.0005 U	0.0005 U	0.0005 U	0.0005 U
Cobalt	**6020**	0.0021	0.0019	0.000086 J	0.00018 J
Cobalt, dissolved	**6020**	0.000054 U	0.00012 J	0.00018 J	0.00018 J
Copper	**6020**	0.00068 J	0.0011 J	0.00056 U	0.00056 U
Copper, dissolved	**6020**	0.00056 U	0.00059 J	0.00056 U	0.00056 U
Hexavalent Chromium	**7196A**	--	--	--	--
Hexavalent Chromium, dissolved	**7196A**	--	--	--	--
Iron	**6010B**	--	--	--	5.3
Iron, dissolved	**6010B**	--	--	--	4.3
Lead	**6020**	0.00023 J	0.0003 J	0.00018 U	0.00018 U
Lead, dissolved	**6020**	0.00018 U	0.00018 U	0.00018 U	0.00018 U
Magnesium	**6010B**	--	--	--	85
Magnesium, dissolved	**6010B**	--	--	--	79
Manganese	**6010B**	--	--	--	0.83
Manganese, dissolved	**6010B**	--	--	--	0.77
Manganese, dissolved	**6020**	--	--	--	--
Mercury	**7470A**	0.000027 U	0.000027 U	0.000027 U	0.000028 U
Mercury, dissolved	**7470A**	0.000027 U	0.000027 U	0.000027 U	0.000027 U
Molybdenum	**6010B**	--	--	--	--
Molybdenum, dissolved	**6010B**	--	--	--	--
Molybdenum, dissolved	**6020**	--	--	--	--
Nickel	**6020**	0.0026	0.0027	0.00084 J	0.0013 J
Nickel, dissolved	**6020**	0.00059 J	0.00088 J	0.00097 J	0.0014 J
Potassium	**6010B**	--	--	--	9.9
Potassium, dissolved	**6010B**	--	--	--	9.4
Selenium	**6020**	0.0007 U	0.00075 J	0.0007 U	0.0007 U
Selenium, dissolved	**6020**	0.0007 U	0.0007 U	0.0007 U	0.0007 U
Silver	**6020**	0.000052 J	0.0026 J	0.00051 J	0.000033 U
Silver, dissolved	**6020**	0.000037 J	0.0023 J	0.000033 U	0.000033 U
Sodium	**6010B**	--	--	--	77
Sodium, dissolved	**6010B**	--	--	--	79
Strontium	**6010B**	--	--	--	0.65
Strontium, dissolved	**6010B**	--	--	--	0.61
Thallium	**6020**	0.000061 J	0.00014 J	0.000048 J	0.000033 J
Thallium, dissolved	**6020**	0.000076 J	0.00015 J	0.000033 U	0.000033 U
Tin	**6020**	0.00077 U	0.00077 U	0.00077 U	0.00077 U
Tin, dissolved	**6020**	0.00077 U	0.00077 U	0.00077 U	0.00077 U
Vanadium	**6010B**	--	--	--	--
Vanadium	**6020**	0.00033 U	0.00071 J	0.00033 U	0.00051 J
Vanadium, dissolved	**6010B**	--	--	--	--
Vanadium, dissolved	**6020**	0.00033 U	0.00033 U	0.00033 U	0.00055 J
Zinc	**6010B**	--	--	--	--
Zinc	**6020**	0.069	0.069	0.18	0.002 U
Zinc, dissolved	**6010B**	--	--	--	--
Zinc, dissolved	**6020**	0.019 J	0.024	0.18	0.002 U

TABLE 19
METALS ANALYTICAL RESULTS, 2012
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		HAR-09	HAR-11	HAR-12	HAR-13
SampleType:		Split	Primary	Primary	Primary
Sample Name:		HAR-09_012512_03	HAR-11_020712_01	HAR-12_020912_01	HAR-13_020912_01
Groundwater Unit:		Shallow	Shallow	Shallow	Shallow
Lab Name:		TA- Irvine	TA- Denver	TA- Denver	TA- Denver
Collection Date:		1/25/2012	2/7/2012	2/9/2012	2/9/2012
Analyte (mg/L)	**Method**				
Aluminum, dissolved	**6010B**	--	--	--	--
Antimony	**6020**	0.00036 J	0.0002 U	0.0002 U	--
Antimony, dissolved	**6020**	0.00063 J	0.0002 U	0.0002 U	--
Arsenic	**6020**	0.012	0.0027 J	0.00042 J	--
Arsenic, dissolved	**6020**	0.014	0.003 J	0.00042 J	--
Barium	**6010B**	--	--	--	--
Barium	**6020**	0.04	0.079	0.031	--
Barium, dissolved	**6010B**	--	--	--	--
Barium, dissolved	**6020**	0.037	0.084	0.031	--
Beryllium	**6020**	0.0001 U	0.00008 U	0.00008 U	--
Beryllium, dissolved	**6020**	0.0001 U	0.00008 U	0.00008 U	--
Boron, dissolved	**6010B**	--	--	--	--
Cadmium	**6020**	0.0001 U	0.000042 J	0.00004 U	--
Cadmium, dissolved	**6020**	0.0001 U	0.00004 U	0.00004 U	--
Calcium	**6010B**	180	--	72	18
Calcium, dissolved	**6010B**	160	--	76	18
Chromium	**6020**	0.0009 U	0.0005 U	0.0005 U	--
Chromium, dissolved	**6020**	0.0009 U	0.0005 U	0.0005 U	--
Cobalt	**6020**	0.00047 J	0.0025	0.000084 J	--
Cobalt, dissolved	**6020**	0.00037 J	0.0027	0.00007 J	--
Copper	**6020**	0.0015 J	0.00056 U	0.00056 U	--
Copper, dissolved	**6020**	0.0008 J	0.00056 U	0.00056 U	--
Hexavalent Chromium	**7196A**	--	--	--	--
Hexavalent Chromium, dissolved	**7196A**	--	--	--	--
Iron	**6010B**	4.7	--	0.022 U	0.85
Iron, dissolved	**6010B**	4.5	--	0.022 U	0.022 U
Lead	**6020**	0.0002 U	0.00018 U	0.00018 U	--
Lead, dissolved	**6020**	0.0002 U	0.00018 U	0.00018 U	--
Magnesium	**6010B**	88	--	25	6.5
Magnesium, dissolved	**6010B**	89	--	26	6.4
Manganese	**6010B**	0.81	--	0.0017 J	0.0022 J
Manganese, dissolved	**6010B**	0.83	--	0.00056 J	0.00025 U
Manganese, dissolved	**6020**	--	--	--	--
Mercury	**7470A**	0.0001 U	0.000027 U	0.000027 U	--
Mercury, dissolved	**7470A**	0.0001 U	0.000027 U	0.000027 U	--
Molybdenum	**6010B**	--	--	--	--
Molybdenum, dissolved	**6010B**	--	--	--	--
Molybdenum, dissolved	**6020**	--	--	--	--
Nickel	**6020**	0.0043	0.0049	0.00071 J	--
Nickel, dissolved	**6020**	0.0005 U	0.0054	0.00069 J	--
Potassium	**6010B**	9.8	--	2.5 J	0.83 J
Potassium, dissolved	**6010B**	9.3	--	2.7 J	0.84 J
Selenium	**6020**	0.00053 J	0.0007 U	0.0007 U	--
Selenium, dissolved	**6020**	0.00091 J	0.0007 U	0.0007 U	--
Silver	**6020**	0.00029 J	0.000033 U	0.000033 U	--
Silver, dissolved	**6020**	0.0001 U	0.000033 U	0.000033 U	--
Sodium	**6010B**	82	--	40	32
Sodium, dissolved	**6010B**	79	--	43	32
Strontium	**6010B**	0.64	--	0.25	0.084
Strontium, dissolved	**6010B**	0.59	--	0.27	0.081
Thallium	**6020**	0.0002 U	0.000039 J	0.000033 U	--
Thallium, dissolved	**6020**	0.0002 U	0.000033 U	0.000033 U	--
Tin	**6020**	0.005 U	0.00077 U	0.00077 U	--
Tin, dissolved	**6020**	0.005 U	0.00077 U	0.00077 U	--
Vanadium	**6010B**	--	--	--	--
Vanadium	**6020**	0.011	0.00034 J	0.0011 J	--
Vanadium, dissolved	**6010B**	--	--	--	--
Vanadium, dissolved	**6020**	0.0008 U	0.00039 J	0.001 J	--
Zinc	**6010B**	--	--	--	0.0045 U
Zinc	**6020**	0.004 U	0.0067 J	0.002 U	--
Zinc, dissolved	**6010B**	--	--	--	0.0045 U
Zinc, dissolved	**6020**	0.004 U	0.0037 J	0.0023 J	--

TABLE 19
METALS ANALYTICAL RESULTS, 2012
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		HAR-14	HAR-15	HAR-16	HAR-19	HAR-19
SampleType:		Primary	Primary	Primary	Primary	Field Duplicate
Sample Name:		HAR-14_020912_01	HAR-15_012412_01	HAR-16_012312_01	HAR-19_020112_01	HAR-19_020112_36
Groundwater Unit:		Shallow	Shallow	Chatsworth	Chatsworth	Chatsworth
Lab Name:		TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
Collection Date:		2/9/2012	1/24/2012	1/23/2012	2/1/2012	2/1/2012
Analyte (mg/L)	**Method**					
Aluminum, dissolved	**6010B**	--	--	--	--	--
Antimony	**6020**	0.00021 J	0.0002 J	0.0002 U	0.0002 U	0.0002 U
Antimony, dissolved	**6020**	0.00022 J	0.0002 U	0.0002 U	0.0002 U	0.0002 U
Arsenic	**6020**	0.001 J	0.011	0.00069 J	0.00033 U	0.00044 J
Arsenic, dissolved	**6020**	0.0011 J	0.011	0.00064 J	0.00033 U	0.00033 U
Barium	**6010B**	--	--	--	--	--
Barium	**6020**	0.025	0.025	0.014	0.097	0.098
Barium, dissolved	**6010B**	--	--	--	--	--
Barium, dissolved	**6020**	0.026	0.023	0.014	0.095	0.093
Beryllium	**6020**	0.00008 U	0.00008 U	0.00008 U	0.00008 U	0.00008 U
Beryllium, dissolved	**6020**	0.00008 U	0.00008 U	0.00008 U	0.00008 U	0.00008 U
Boron, dissolved	**6010B**	--	--	--	--	--
Cadmium	**6020**	0.00004 U	0.00004 U	0.00004 U	0.00004 U	0.00017 J
Cadmium, dissolved	**6020**	0.00004 U	0.00004 U	0.00004 U	0.000097 U	0.00004 U
Calcium	**6010B**	55	--	34	170	160
Calcium, dissolved	**6010B**	56	--	36	170	170
Chromium	**6020**	0.0005 U	0.0014 J	0.0005 U	0.0005 U	0.0005 U
Chromium, dissolved	**6020**	0.0005 U	0.00055 J	0.0005 U	0.0005 U	0.0005 U
Cobalt	**6020**	0.00022 J	0.00085 J	0.000057 J	0.00016 J	0.00012 J
Cobalt, dissolved	**6020**	0.00021 J	0.00074 J	0.000054 U	0.000098 J	0.00011 J
Copper	**6020**	0.00064 J	0.0011 J	0.00056 U	0.0011 J	0.0011 J
Copper, dissolved	**6020**	0.00061 J	0.00056 U	0.00056 U	0.00056 U	0.00056 U
Hexavalent Chromium	**7196A**	--	--	--	--	--
Hexavalent Chromium, dissolved	**7196A**	--	--	--	--	--
Iron	**6010B**	0.024 J	--	0.071 J	0.022 U	0.022 U
Iron, dissolved	**6010B**	0.022 U	--	0.022 U	0.022 U	0.022 U
Lead	**6020**	0.00018 U	0.00044 J	0.00018 U	0.00018 U	0.00018 U
Lead, dissolved	**6020**	0.00018 U	0.00018 U	0.00018 U	0.00018 U	0.00018 U
Magnesium	**6010B**	18	--	7.4	19	18
Magnesium, dissolved	**6010B**	18	--	7.8	18	18
Manganese	**6010B**	0.0019 J	--	0.00085 J	0.047	0.045
Manganese, dissolved	**6010B**	0.00095 J	--	0.00025 U	0.044	0.045
Manganese, dissolved	**6020**	--	--	--	--	--
Mercury	**7470A**	0.000027 U	0.000027 U	0.000037 U	0.000027 U	0.000027 U
Mercury, dissolved	**7470A**	0.000027 U	0.000027 U	0.000027 J	0.000027 U	0.000027 U
Molybdenum	**6010B**	--	--	--	--	--
Molybdenum, dissolved	**6010B**	--	--	--	--	--
Molybdenum, dissolved	**6020**	--	--	--	--	--
Nickel	**6020**	0.0029	0.0025	0.00071 J	0.0023	0.0028
Nickel, dissolved	**6020**	0.0028	0.002	0.00061 J	0.0024	0.0025
Potassium	**6010B**	3.1 J	--	1.1 J	4.8 J	4.8 J
Potassium, dissolved	**6010B**	3.3 J	--	1.1 J	4.5 J	4.7 J
Selenium	**6020**	0.00093 J	0.00099 J	0.0007 U	0.0007 U	0.0007 U
Selenium, dissolved	**6020**	0.001 J	0.0007 U	0.00082 J	0.0007 U	0.0007 U
Silver	**6020**	0.000033 U	0.000033 U	0.000033 U	0.00021 J	0.00015 J
Silver, dissolved	**6020**	0.000033 U	0.000033 U	0.000033 U	0.000033 U	0.000033 U
Sodium	**6010B**	42	--	55	140	140
Sodium, dissolved	**6010B**	41	--	54	150	150
Strontium	**6010B**	0.2	--	0.16	0.54	0.53
Strontium, dissolved	**6010B**	0.2	--	0.16	0.54	0.56
Thallium	**6020**	0.000033 U	0.000033 U	0.000033 U	0.000059 J	0.000043 J
Thallium, dissolved	**6020**	0.000033 U	0.000035 J	0.000033 U	0.000033 U	0.000033 U
Tin	**6020**	0.00077 U	0.00077 U	0.00077 U	0.00077 U	0.00077 U
Tin, dissolved	**6020**	0.00077 U	0.00077 U	0.00077 U	0.00077 U	0.00077 U
Vanadium	**6010B**	--	--	--	--	--
Vanadium	**6020**	0.0016 J	0.003 J	0.0015 J	0.00042 J	0.00033 U
Vanadium, dissolved	**6010B**	--	--	--	--	--
Vanadium, dissolved	**6020**	0.0016 J	0.0017 J	0.0013 J	0.00033 U	0.00035 J
Zinc	**6010B**	--	--	--	--	--
Zinc	**6020**	0.0029 J	0.0048 J	0.049	0.094	0.099
Zinc, dissolved	**6010B**	--	--	--	--	--
Zinc, dissolved	**6020**	0.0026 J	0.0046 J	0.051	0.095	0.084

TABLE 19
METALS ANALYTICAL RESULTS, 2012
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		HAR-20	HAR-21	HAR-26	HAR-27
SampleType:		Primary	Primary	Primary	Primary
Sample Name:		HAR-20_012312_01	HAR-21_012512_01	HAR-26_020912_01	HAR-27_012712_01
Groundwater Unit:		Chatsworth	Chatsworth	Chatsworth	Shallow
Lab Name:		TA- Denver	TA- Denver	TA- Denver	TA- Denver
Collection Date:		1/23/2012	1/25/2012	2/9/2012	1/27/2012
Analyte (mg/L)	**Method**				
Aluminum, dissolved	**6010B**	--	--	--	--
Antimony	**6020**	0.0002 U	0.0002 U	0.0002 U	0.0011 J
Antimony, dissolved	**6020**	0.0002 U	0.0002 U	0.0002 U	0.0002 U
Arsenic	**6020**	0.0024 J	0.00071 J	0.00033 U	0.055
Arsenic, dissolved	**6020**	0.0024 J	0.00071 J	0.00033 U	0.055
Barium	**6010B**	--	--	--	--
Barium	**6020**	0.031	0.065	0.023	0.092 J
Barium, dissolved	**6010B**	--	--	--	--
Barium, dissolved	**6020**	0.032	0.065	0.024	0.087
Beryllium	**6020**	0.00008 U	0.00008 U	0.00008 U	0.000094 J
Beryllium, dissolved	**6020**	0.00008 U	0.00008 U	0.00008 U	0.00008 U
Boron, dissolved	**6010B**	--	--	--	--
Cadmium	**6020**	0.00004 U	0.00004 U	0.00004 U	0.00004 U
Cadmium, dissolved	**6020**	0.00004 U	0.00004 U	0.00004 U	0.00004 U
Calcium	**6010B**	--	--	--	160
Calcium, dissolved	**6010B**	--	--	--	160
Chromium	**6020**	0.0005 U	0.0005 U	0.0005 U	0.0005 U
Chromium, dissolved	**6020**	0.0005 U	0.0005 U	0.0005 U	0.0005 U
Cobalt	**6020**	0.00024 J	0.00036 J	0.000059 J	0.00077 J
Cobalt, dissolved	**6020**	0.00021 J	0.00034 J	0.000054 U	0.00066 J
Copper	**6020**	0.0008 J	0.00056 U	0.00056 U	0.00056 U
Copper, dissolved	**6020**	0.0011 J	0.00056 U	0.00056 U	0.00056 U
Hexavalent Chromium	**7196A**	--	--	--	--
Hexavalent Chromium, dissolved	**7196A**	--	--	--	--
Iron	**6010B**	--	--	--	11
Iron, dissolved	**6010B**	--	--	--	11
Lead	**6020**	0.00018 U	0.00018 U	0.00018 U	0.00018 U
Lead, dissolved	**6020**	0.00018 U	0.00018 U	0.00018 U	0.00018 U
Magnesium	**6010B**	--	--	--	34
Magnesium, dissolved	**6010B**	--	--	--	33
Manganese	**6010B**	--	--	--	4.5
Manganese, dissolved	**6010B**	--	--	--	4.6
Manganese, dissolved	**6020**	--	--	--	--
Mercury	**7470A**	0.00003 U	0.000027 U	0.000027 U	0.000027 U
Mercury, dissolved	**7470A**	0.000027 U	0.000027 U	0.000027 U	0.000027 U
Molybdenum	**6010B**	--	--	--	--
Molybdenum, dissolved	**6010B**	--	--	--	--
Molybdenum, dissolved	**6020**	--	--	--	--
Nickel	**6020**	0.0023	0.0012 J	0.00074 J	0.00074 J
Nickel, dissolved	**6020**	0.0023	0.00091 J	0.00046 J	0.0011 J
Potassium	**6010B**	--	--	--	1.6 J
Potassium, dissolved	**6010B**	--	--	--	1.9 J
Selenium	**6020**	0.0007 U	0.0007 U	0.0007 U	0.0007 U
Selenium, dissolved	**6020**	0.0007 U	0.0007 U	0.0007 U	0.0007 U
Silver	**6020**	0.000033 U	0.000033 U	0.000033 U	0.00059 J
Silver, dissolved	**6020**	0.000033 U	0.000033 U	0.000033 U	0.000033 U
Sodium	**6010B**	--	--	--	87
Sodium, dissolved	**6010B**	--	--	--	89
Strontium	**6010B**	--	--	--	0.68
Strontium, dissolved	**6010B**	--	--	--	0.71
Thallium	**6020**	0.000043 J	0.000033 U	0.000033 U	0.000093 J
Thallium, dissolved	**6020**	0.000033 U	0.000033 U	0.000033 U	0.000033 U
Tin	**6020**	0.00077 U	0.00077 U	0.00077 U	0.00077 U
Tin, dissolved	**6020**	0.00077 U	0.00077 U	0.00077 U	0.00077 U
Vanadium	**6010B**	--	--	--	--
Vanadium	**6020**	0.00035 J	0.00033 U	0.00033 U	0.00055 J
Vanadium, dissolved	**6010B**	--	--	--	--
Vanadium, dissolved	**6020**	0.00033 J	0.00033 U	0.00033 U	0.00047 J
Zinc	**6010B**	--	--	--	--
Zinc	**6020**	0.066	0.039	0.041	0.002 U
Zinc, dissolved	**6010B**	--	--	--	--
Zinc, dissolved	**6020**	0.067	0.0065 J	0.013 J	0.002 U

TABLE 19
METALS ANALYTICAL RESULTS, 2012
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		HAR-28	HAR-29	HAR-30	HAR-31
SampleType:		Primary	Primary	Primary	Primary
Sample Name:		HAR-28_012712_01	HAR-29_012712_01	HAR-30_020712_01	HAR-31_012412_01
Groundwater Unit:		Shallow	Shallow	Shallow	Shallow
Lab Name:		TA- Denver	TA- Denver	TA- Denver	TA- Denver
Collection Date:		1/27/2012	1/27/2012	2/7/2012	1/24/2012
Analyte (mg/L)	**Method**				
Aluminum, dissolved	**6010B**	--	--	--	--
Antimony	**6020**	0.00085 U	0.0005 U	0.0002 U	--
Antimony, dissolved	**6020**	0.00023 J	0.00037 J	0.0002 U	--
Arsenic	**6020**	0.00082 J	0.0014 J	0.0019 J	--
Arsenic, dissolved	**6020**	0.00093 J	0.0019 J	0.0021 J	--
Barium	**6010B**	--	--	--	--
Barium	**6020**	0.048 J	0.081 J	0.061	--
Barium, dissolved	**6010B**	--	--	--	--
Barium, dissolved	**6020**	0.052	0.082	0.064	--
Beryllium	**6020**	0.00008 U	0.00008 U	0.00008 U	--
Beryllium, dissolved	**6020**	0.00008 U	0.00008 U	0.00008 U	--
Boron, dissolved	**6010B**	--	--	--	--
Cadmium	**6020**	0.00012 J	0.00004 U	0.00004 U	--
Cadmium, dissolved	**6020**	0.0001 J	0.00007 J	0.00004 U	--
Calcium	**6010B**	160	150	120	63
Calcium, dissolved	**6010B**	160	160	110	62
Chromium	**6020**	0.0005 U	0.0005 U	0.0005 U	--
Chromium, dissolved	**6020**	0.0005 U	0.0005 U	0.0005 U	--
Cobalt	**6020**	0.000054 U	0.000054 U	0.00016 J	--
Cobalt, dissolved	**6020**	0.000073 J	0.00014 J	0.00015 J	--
Copper	**6020**	0.00056 U	0.0011 J	0.00056 U	--
Copper, dissolved	**6020**	0.00065 J	0.0019 J	0.00056 U	--
Hexavalent Chromium	**7196A**	--	--	--	--
Hexavalent Chromium, dissolved	**7196A**	--	--	--	--
Iron	**6010B**	0.022 U	0.022 U	0.028 J	0.022 U
Iron, dissolved	**6010B**	0.022 U	0.022 U	0.022 U	0.022 U
Lead	**6020**	0.00018 U	0.00018 U	0.00018 U	--
Lead, dissolved	**6020**	0.00018 U	0.00018 U	0.00018 U	--
Magnesium	**6010B**	31	25	40	23
Magnesium, dissolved	**6010B**	31	25	40	21
Manganese	**6010B**	0.0034 J	0.0023 J	0.02	0.0014 J
Manganese, dissolved	**6010B**	0.0026 J	0.0079 J	0.019	0.00041 J
Manganese, dissolved	**6020**	--	--	--	--
Mercury	**7470A**	0.000027 U	0.00014 U	0.000027 U	--
Mercury, dissolved	**7470A**	0.000027 U	0.000027 U	0.000027 U	--
Molybdenum	**6010B**	--	--	--	--
Molybdenum, dissolved	**6010B**	--	--	--	--
Molybdenum, dissolved	**6020**	--	--	--	--
Nickel	**6020**	0.0011 J	0.0019 J	0.0013 J	--
Nickel, dissolved	**6020**	0.0016 J	0.0025	0.0013 J	--
Potassium	**6010B**	5.6	3.7 J	0.98 J	0.89 J
Potassium, dissolved	**6010B**	6.2	4.1 J	0.99 J	1.2 J
Selenium	**6020**	0.0007 U	0.022	0.0008 J	--
Selenium, dissolved	**6020**	0.0007 U	0.023	0.00097 J	--
Silver	**6020**	0.000033 U	0.00053 J	0.000033 U	--
Silver, dissolved	**6020**	0.000033 U	0.000033 U	0.000033 U	--
Sodium	**6010B**	64	72	86	69 J
Sodium, dissolved	**6010B**	68	75	86	66
Strontium	**6010B**	0.59	0.57	0.58	0.3
Strontium, dissolved	**6010B**	0.63	0.61	0.54	0.31
Thallium	**6020**	0.000037 J	0.000033 U	0.000033 U	--
Thallium, dissolved	**6020**	0.000038 J	0.000033 U	0.000033 U	--
Tin	**6020**	0.00077 U	0.00077 U	0.00077 U	--
Tin, dissolved	**6020**	0.00077 U	0.00077 U	0.00077 U	--
Vanadium	**6010B**	--	--	--	--
Vanadium	**6020**	0.001 J	0.0049 J	0.0016 J	--
Vanadium, dissolved	**6010B**	--	--	--	--
Vanadium, dissolved	**6020**	0.0012 J	0.0055 J	0.0017 J	--
Zinc	**6010B**	--	--	--	0.0045 U
Zinc	**6020**	0.002 U	0.002 J	0.002 U	--
Zinc, dissolved	**6010B**	--	--	--	0.0045 U
Zinc, dissolved	**6020**	0.0053 J	0.0022 J	0.0021 J	--

TABLE 19
METALS ANALYTICAL RESULTS, 2012
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		HAR-33	OS-02	OS-03	OS-04	PZ-060
SampleType:		Primary	Primary	Primary	Primary	Primary
Sample Name:		HAR-33_021512_01	OS-02_011112_01	OS-03_011112_01	OS-04_011112_01	PZ-060_011312_01
Groundwater Unit:		Shallow	Chatsworth	Chatsworth	Chatsworth	Shallow
Lab Name:		TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
Collection Date:		2/15/2012	1/11/2012	1/11/2012	1/11/2012	1/13/2012
Analyte (mg/L)	**Method**					
Aluminum, dissolved	**6010B**	--	--	--	--	--
Antimony	**6020**	0.0002 U	0.0002 J	0.0002 U	0.00077 J	0.0005 J
Antimony, dissolved	**6020**	0.00054 J	0.0002 U	0.0002 U	0.0002 U	0.00037 J
Arsenic	**6020**	0.00052 J	0.00034 J	0.00033 U	0.00033 U	0.0031 J
Arsenic, dissolved	**6020**	0.00056 J	0.00033 U	0.00033 U	0.00033 U	0.0033 J
Barium	**6010B**	--	--	--	--	--
Barium	**6020**	0.056 J	0.021	0.04	0.03	0.043
Barium, dissolved	**6010B**	--	--	--	--	--
Barium, dissolved	**6020**	0.057	0.022	0.048	0.033	0.039
Beryllium	**6020**	0.00008 U	0.00008 U	0.00008 U	0.00008 U	0.00008 U
Beryllium, dissolved	**6020**	0.00008 U	0.00008 U	0.00008 U	0.00008 U	0.00008 U
Boron, dissolved	**6010B**	--	--	--	--	--
Cadmium	**6020**	0.00004 U	0.00004 U	0.00004 U	0.00004 U	0.00037 J
Cadmium, dissolved	**6020**	0.000053 J	0.00004 U	0.00004 U	0.00004 U	0.00004 U
Calcium	**6010B**	--	--	--	--	--
Calcium, dissolved	**6010B**	--	--	--	--	--
Chromium	**6020**	0.00053 J	0.0005 U	0.0005 U	0.0005 U	0.0022 J
Chromium, dissolved	**6020**	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U
Cobalt	**6020**	0.00027 J	0.000054 U	0.000054 U	0.000054 U	0.0039
Cobalt, dissolved	**6020**	0.00029 J	0.000054 U	0.000054 U	0.000086 J	0.0016
Copper	**6020**	0.00056 UJ	0.00056 U	0.00056 U	0.00056 U	0.0083
Copper, dissolved	**6020**	0.00056 U	0.00056 U	0.00056 U	0.00056 U	0.00056 U
Hexavalent Chromium	**7196A**	--	--	--	--	--
Hexavalent Chromium, dissolved	**7196A**	--	--	--	--	--
Iron	**6010B**	--	--	--	--	--
Iron, dissolved	**6010B**	--	--	--	--	--
Lead	**6020**	0.00018 U	0.00018 U	0.00018 U	0.00018 U	0.0014 J
Lead, dissolved	**6020**	0.00018 U	0.00018 U	0.00018 U	0.00018 U	0.00018 U
Magnesium	**6010B**	--	--	--	--	--
Magnesium, dissolved	**6010B**	--	--	--	--	--
Manganese	**6010B**	--	--	--	--	--
Manganese, dissolved	**6010B**	--	--	--	--	--
Manganese, dissolved	**6020**	--	--	--	--	--
Mercury	**7470A**	0.000027 U	--	--	--	0.000027 U
Mercury, dissolved	**7470A**	0.000027 U	--	--	--	0.000027 U
Molybdenum	**6010B**	--	--	--	--	--
Molybdenum, dissolved	**6010B**	--	--	--	--	--
Molybdenum, dissolved	**6020**	--	--	--	--	--
Nickel	**6020**	0.0091	0.0003 U	0.0003 U	0.00033 J	0.0069
Nickel, dissolved	**6020**	0.009	0.0003 U	0.0003 U	0.00049 J	0.0033
Potassium	**6010B**	--	--	--	--	--
Potassium, dissolved	**6010B**	--	--	--	--	--
Selenium	**6020**	0.002 J	0.0007 U	0.0007 U	0.0007 U	0.0007 U
Selenium, dissolved	**6020**	0.0017 J	0.0007 U	0.0007 U	0.0007 U	0.0007 U
Silver	**6020**	0.000033 U	0.000033 U	0.000033 U	0.0025 J	0.00037 U
Silver, dissolved	**6020**	0.000033 U	0.000033 U	0.000033 U	0.000033 U	0.000033 J
Sodium	**6010B**	--	170	100	83	--
Sodium, dissolved	**6010B**	--	180	110	90	--
Strontium	**6010B**	--	--	--	--	--
Strontium, dissolved	**6010B**	--	--	--	--	--
Thallium	**6020**	0.000033 U	0.000033 U	0.000033 U	0.000033 U	0.000095 J
Thallium, dissolved	**6020**	0.000033 U	0.000033 U	0.000033 U	0.000033 U	0.000045 J
Tin	**6020**	0.00077 U	0.00077 U	0.00077 U	0.00077 U	0.00077 U
Tin, dissolved	**6020**	0.00077 U	0.00077 U	0.00077 U	0.00077 U	0.00077 U
Vanadium	**6010B**	--	--	--	--	--
Vanadium	**6020**	0.0013 J	0.00033 U	0.00033 U	0.00033 U	0.0038 J
Vanadium, dissolved	**6010B**	--	--	--	--	--
Vanadium, dissolved	**6020**	0.0012 J	0.00033 U	0.00033 U	0.00033 U	0.00033 U
Zinc	**6010B**	--	--	--	--	--
Zinc	**6020**	0.011 J	0.0021 J	0.0028 J	0.0033 J	0.11
Zinc, dissolved	**6010B**	--	--	--	--	--
Zinc, dissolved	**6020**	0.002 U	0.0034 J	0.0029 J	0.0095 J	0.0036 J

TABLE 19
METALS ANALYTICAL RESULTS, 2012
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		PZ-108	PZ-139	PZ-139	PZ-139	PZ-140
SampleType:		Primary	Primary	Primary	Split	Primary
Sample Name:		PZ-108_013112_01	PZ-139_013012_01A	PZ-139_071812_01A	PZ-139_071812_03A	PZ-140_013112_01
Groundwater Unit:		Shallow	Shallow	Shallow	Shallow	Shallow
Lab Name:		TA- Denver	TA- Denver	TA- Denver	TA- Irvine	TA- Denver
Collection Date:		1/31/2012	1/30/2012	7/18/2012	7/18/2012	1/31/2012
Analyte (mg/L)	**Method**					
Aluminum, dissolved	**6010B**	--	0.018 U	0.018 U	0.04 U	0.018 U
Antimony	**6020**	0.00044 J	--	--	--	--
Antimony, dissolved	**6020**	0.0002 U	0.0002 U	0.0004 U	0.0003 U	0.0002 U
Arsenic	**6020**	0.0015 J	--	--	--	--
Arsenic, dissolved	**6020**	0.0011 J	0.0011 J	0.0013 J	0.0012 J	0.00053 J
Barium	**6010B**	--	--	--	--	--
Barium	**6020**	0.033	--	--	--	--
Barium, dissolved	**6010B**	--	--	--	--	--
Barium, dissolved	**6020**	0.017	0.017	0.018	0.018	0.06
Beryllium	**6020**	0.000097 J	--	--	--	--
Beryllium, dissolved	**6020**	0.00008 U	0.00008 U	0.00008 U	0.0001 U	0.00008 U
Boron, dissolved	**6010B**	--	0.058	0.052	0.057 J	0.047 J
Cadmium	**6020**	0.0025	--	--	--	--
Cadmium, dissolved	**6020**	0.0005 J	0.000064 J	0.0001 U	0.0001 U	0.000049 U
Calcium	**6010B**	--	--	--	--	--
Calcium, dissolved	**6010B**	--	68	65	67	120
Chromium	**6020**	0.0028 J	--	--	--	--
Chromium, dissolved	**6020**	0.00068 J	0.0005 U	0.0005 U	0.0009 U	0.0005 U
Cobalt	**6020**	0.001	--	--	--	--
Cobalt, dissolved	**6020**	0.000054 U	0.00075 J	0.00051 J	0.00051 J	0.00063 J
Copper	**6020**	0.0042	--	--	--	--
Copper, dissolved	**6020**	0.0011 J	0.00078 J	0.00098 J	0.0014 U	0.00056 U
Hexavalent Chromium	**7196A**	--	0.004 UJ	0.0062 J	0.005 U	0.004 UJ
Hexavalent Chromium, dissolved	**7196A**	--	0.004 UJ	0.0053 J	--	0.004 UJ
Iron	**6010B**	--	--	--	--	--
Iron, dissolved	**6010B**	--	0.022 U	0.022 U	0.023 J	0.022 U
Lead	**6020**	0.0009 J	--	--	--	--
Lead, dissolved	**6020**	0.00018 U	0.00018 U	0.00018 U	0.0002 U	0.00018 U
Magnesium	**6010B**	--	--	--	--	--
Magnesium, dissolved	**6010B**	--	33	31	33	39
Manganese	**6010B**	--	--	--	--	--
Manganese, dissolved	**6010B**	--	--	--	--	--
Manganese, dissolved	**6020**	--	0.2	0.15	0.15	0.085
Mercury	**7470A**	--	--	--	--	--
Mercury, dissolved	**7470A**	--	0.000027 U	0.000027 U	0.0001 U	0.000027 U
Molybdenum	**6010B**	--	--	--	--	--
Molybdenum, dissolved	**6010B**	--	--	--	--	--
Molybdenum, dissolved	**6020**	--	0.0025	0.0026	0.0025 U	0.0023
Nickel	**6020**	0.004	--	--	--	--
Nickel, dissolved	**6020**	0.0018 J	0.0062	0.0052	0.0049	0.0021
Potassium	**6010B**	--	--	--	--	--
Potassium, dissolved	**6010B**	--	2.3	2.4	2.8	3.2
Selenium	**6020**	0.0007 U	--	--	--	--
Selenium, dissolved	**6020**	0.0007 U	0.0007 U	0.0007 U	0.00092 J	0.0007 U
Silver	**6020**	0.002 J	--	--	--	--
Silver, dissolved	**6020**	0.000033 U	0.000033 U	0.000033 U	0.0001 U	0.000033 U
Sodium	**6010B**	--	--	--	--	--
Sodium, dissolved	**6010B**	--	130	120	110	72
Strontium	**6010B**	--	--	--	--	--
Strontium, dissolved	**6010B**	--	--	--	--	--
Thallium	**6020**	0.000059 J	--	--	--	--
Thallium, dissolved	**6020**	0.000033 U	0.000033 U	0.00005 U	0.0002 U	0.000033 U
Tin	**6020**	0.00077 U	--	--	--	--
Tin, dissolved	**6020**	0.00077 U	--	--	--	--
Vanadium	**6010B**	--	--	--	--	--
Vanadium	**6020**	0.0049 J	--	--	--	--
Vanadium, dissolved	**6010B**	--	--	--	--	--
Vanadium, dissolved	**6020**	0.002 J	0.0008 J	0.0013 J	0.001 J	0.0006 J
Zinc	**6010B**	--	--	--	--	--
Zinc	**6020**	0.034	--	--	--	--
Zinc, dissolved	**6010B**	--	--	--	--	--
Zinc, dissolved	**6020**	0.0098 J	0.0028 U	0.002 U	0.004 U	0.0023 J

TABLE 19
METALS ANALYTICAL RESULTS, 2012
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		PZ-140	PZ-140	PZ-140	PZ-141	PZ-141
SampleType:		Split	Primary	Field Duplicate	Primary	Field Duplicate
Sample Name:		PZ-140_013112_03	PZ-140_071912_01	PZ-140_071912_36	PZ-141_011212_01	PZ-141_011212_36
Groundwater Unit:		Shallow	Shallow	Shallow	Shallow	Shallow
Lab Name:		TA- Irvine	TA- Denver	TA- Denver	TA- Denver	TA- Denver
Collection Date:		1/31/2012	7/19/2012	7/19/2012	1/12/2012	1/12/2012
Analyte (mg/L)	**Method**					
Aluminum, dissolved	**6010B**	0.04 U	0.018 U	0.018 U	0.018 U	0.018 U
Antimony	**6020**	--	--	--	--	--
Antimony, dissolved	**6020**	0.0003 U	0.0004 U	0.0004 U	0.00093 J	0.00092 J
Arsenic	**6020**	--	--	--	--	--
Arsenic, dissolved	**6020**	0.0009 U	0.00095 J	0.00092 J	0.0021 J	0.0021 J
Barium	**6010B**	--	--	--	--	--
Barium	**6020**	--	--	--	--	--
Barium, dissolved	**6010B**	--	--	--	--	--
Barium, dissolved	**6020**	0.062	0.047	0.049	0.017	0.016
Beryllium	**6020**	--	--	--	--	--
Beryllium, dissolved	**6020**	0.0001 U	0.00008 U	0.00008 U	0.00008 U	0.00008 U
Boron, dissolved	**6010B**	0.046 J	0.044 J	0.044 J	0.15	0.16
Cadmium	**6020**	--	--	--	--	--
Cadmium, dissolved	**6020**	0.0001 J	0.0001 U	0.0001 U	0.000048 J	0.000041 J
Calcium	**6010B**	--	--	--	--	--
Calcium, dissolved	**6010B**	120	91	92	110	110
Chromium	**6020**	--	--	--	--	--
Chromium, dissolved	**6020**	0.0009 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U
Cobalt	**6020**	--	--	--	--	--
Cobalt, dissolved	**6020**	0.00052 J	0.00061 J	0.00063 J	0.00013 J	0.00012 J
Copper	**6020**	--	--	--	--	--
Copper, dissolved	**6020**	0.0005 U	0.00056 U	0.00056 U	0.00074 J	0.00056 U
Hexavalent Chromium	**7196A**	0.005 U	0.018 J	0.013 J	0.035 J	0.0057 J
Hexavalent Chromium, dissolved	**7196A**	--	0.014 J	0.012 J	0.004 UJ	0.004 J
Iron	**6010B**	--	--	--	--	--
Iron, dissolved	**6010B**	0.015 U	0.022 U	0.022 U	0.022 U	0.022 U
Lead	**6020**	--	--	--	--	--
Lead, dissolved	**6020**	0.0002 U	0.00018 U	0.00018 U	0.00018 U	0.00018 U
Magnesium	**6010B**	--	--	--	--	--
Magnesium, dissolved	**6010B**	40	28	28	74	73
Manganese	**6010B**	--	--	--	--	--
Manganese, dissolved	**6010B**	--	--	--	--	--
Manganese, dissolved	**6020**	0.073	0.11	0.11	0.059	0.061
Mercury	**7470A**	--	--	--	--	--
Mercury, dissolved	**7470A**	0.0001 U	0.000027 U	0.000027 U	0.000027 U	0.000027 U
Molybdenum	**6010B**	--	--	--	--	--
Molybdenum, dissolved	**6010B**	--	--	--	--	--
Molybdenum, dissolved	**6020**	0.0028 U	0.0018	0.002	0.0059	0.006
Nickel	**6020**	--	--	--	--	--
Nickel, dissolved	**6020**	0.0025 U	0.0031	0.0033	0.0013 U	0.0012 U
Potassium	**6010B**	--	--	--	--	--
Potassium, dissolved	**6010B**	3	4.5	4.2	12	12
Selenium	**6020**	--	--	--	--	--
Selenium, dissolved	**6020**	0.00074 J	0.0007 U	0.0007 U	0.0012 J	0.0013 J
Silver	**6020**	--	--	--	--	--
Silver, dissolved	**6020**	0.0001 U	0.000033 U	0.000033 U	0.000033 U	0.000033 U
Sodium	**6010B**	--	--	--	--	--
Sodium, dissolved	**6010B**	68	61	62	110	110
Strontium	**6010B**	--	--	--	--	--
Strontium, dissolved	**6010B**	--	--	--	--	--
Thallium	**6020**	--	--	--	--	--
Thallium, dissolved	**6020**	0.0002 U	0.00005 U	0.00005 U	0.000033 U	0.000033 U
Tin	**6020**	--	--	--	--	--
Tin, dissolved	**6020**	--	--	--	--	--
Vanadium	**6010B**	--	--	--	--	--
Vanadium	**6020**	--	--	--	--	--
Vanadium, dissolved	**6010B**	--	--	--	--	--
Vanadium, dissolved	**6020**	0.0011 J	0.0012 J	0.0012 J	0.003 J	0.003 J
Zinc	**6010B**	--	--	--	--	--
Zinc	**6020**	--	--	--	--	--
Zinc, dissolved	**6010B**	--	--	--	--	--
Zinc, dissolved	**6020**	0.004 U	0.0034 U	0.0053 U	0.0041 J	0.0034 J

TABLE 19
METALS ANALYTICAL RESULTS, 2012
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		PZ-141	PZ-158	PZ-159	PZ-159	RD-08
SampleType:		Primary	Primary	Primary	Primary	Primary
Sample Name:		PZ-141_071912_01A	PZ-158_012012_01A	PZ-159_020712_01	PZ-159_072512_01A	RD-08_020912_01
Groundwater Unit:		Shallow	Shallow	Shallow	Shallow	Chatsworth
Lab Name:		TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
Collection Date:		7/19/2012	1/20/2012	2/7/2012	7/25/2012	2/9/2012
Analyte (mg/L)	**Method**					
Aluminum, dissolved	**6010B**	0.018 U	0.051 J	0.018 U	0.018 U	--
Antimony	**6020**	--	--	--	--	0.0002 U
Antimony, dissolved	**6020**	0.00081 J	0.00024 J	0.00023 J	0.0004 U	0.0002 U
Arsenic	**6020**	--	--	--	--	0.00033 U
Arsenic, dissolved	**6020**	0.0021 J	0.0055	0.0014 J	0.0013 J	0.00033 U
Barium	**6010B**	--	--	--	--	--
Barium	**6020**	--	--	--	--	0.014
Barium, dissolved	**6010B**	--	--	--	--	--
Barium, dissolved	**6020**	0.014	0.016	0.021	0.022	0.014
Beryllium	**6020**	--	--	--	--	0.00008 U
Beryllium, dissolved	**6020**	0.00008 U	0.00008 U	0.00008 U	0.00008 U	0.00008 U
Boron, dissolved	**6010B**	0.13	0.37	0.081	0.067	--
Cadmium	**6020**	--	--	--	--	0.00004 U
Cadmium, dissolved	**6020**	0.0001 U	0.00004 U	0.00043 J	0.0013	0.000056 J
Calcium	**6010B**	--	--	--	--	--
Calcium, dissolved	**6010B**	110	140	90	68	--
Chromium	**6020**	--	--	--	--	0.00053 J
Chromium, dissolved	**6020**	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U
Cobalt	**6020**	--	--	--	--	0.000065 J
Cobalt, dissolved	**6020**	0.00016 J	0.0029	0.000076 J	0.00035 J	0.000058 J
Copper	**6020**	--	--	--	--	0.00056 U
Copper, dissolved	**6020**	0.00056 U	0.00056 U	0.00071 J	0.0015 J	0.00056 U
Hexavalent Chromium	**7196A**	0.015 J	--	--	--	--
Hexavalent Chromium, dissolved	**7196A**	0.017 J	--	--	--	--
Iron	**6010B**	--	--	--	--	--
Iron, dissolved	**6010B**	0.022 U	0.59	0.023 J	0.022 U	--
Lead	**6020**	--	--	--	--	0.00018 U
Lead, dissolved	**6020**	0.00018 U	0.00018 U	0.00018 U	0.00018 U	0.00018 U
Magnesium	**6010B**	--	--	--	--	--
Magnesium, dissolved	**6010B**	63	69	24	22	--
Manganese	**6010B**	--	--	--	--	--
Manganese, dissolved	**6010B**	--	--	--	--	--
Manganese, dissolved	**6020**	0.026	0.18	0.036	0.1	--
Mercury	**7470A**	--	--	--	--	0.000027 U
Mercury, dissolved	**7470A**	0.000027 U	--	--	--	0.000027 U
Molybdenum	**6010B**	--	--	--	--	--
Molybdenum, dissolved	**6010B**	--	--	--	--	--
Molybdenum, dissolved	**6020**	0.0063	0.025	0.002	0.0018	--
Nickel	**6020**	--	--	--	--	0.00036 J
Nickel, dissolved	**6020**	0.0014 U	0.0023	0.0015 J	0.0024 U	0.0003 U
Potassium	**6010B**	--	--	--	--	--
Potassium, dissolved	**6010B**	11	14	2.8	2.5	--
Selenium	**6020**	--	--	--	--	0.0007 U
Selenium, dissolved	**6020**	0.0023 J	0.0007 U	0.0007 U	0.0007 U	0.0007 U
Silver	**6020**	--	--	--	--	0.000033 U
Silver, dissolved	**6020**	0.000033 U	0.000033 U	0.000033 U	0.000033 U	0.000033 U
Sodium	**6010B**	--	--	--	--	--
Sodium, dissolved	**6010B**	110	120	51	44	--
Strontium	**6010B**	--	--	--	--	--
Strontium, dissolved	**6010B**	--	--	--	--	--
Thallium	**6020**	--	--	--	--	0.000033 U
Thallium, dissolved	**6020**	0.00005 U	0.000033 U	0.000036 J	0.00005 U	0.000038 J
Tin	**6020**	--	--	--	--	0.00077 U
Tin, dissolved	**6020**	--	--	--	--	0.00077 U
Vanadium	**6010B**	--	--	--	--	--
Vanadium	**6020**	--	--	--	--	0.00033 U
Vanadium, dissolved	**6010B**	--	--	--	--	--
Vanadium, dissolved	**6020**	0.0028 J	0.0011 J	0.0019 J	0.0016 J	0.00033 U
Zinc	**6010B**	--	--	--	--	--
Zinc	**6020**	--	--	--	--	0.0041 J
Zinc, dissolved	**6010B**	--	--	--	--	--
Zinc, dissolved	**6020**	0.002 U	0.015	0.0051 J	0.0061 U	0.0034 J

TABLE 19
METALS ANALYTICAL RESULTS, 2012
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		RD-11	RD-12	RD-18	RD-18	RD-19
SampleType:		Primary	Primary	Primary	Field Duplicate	Primary
Sample Name:		RD-11_012612_01	RD-12_012612_01	RD-18_011812_01	RD-18_011812_36	RD-19_011812_01
Groundwater Unit:		Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth
Lab Name:		TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
Collection Date:		1/26/2012	1/26/2012	1/18/2012	1/18/2012	1/18/2012
Analyte (mg/L)	**Method**					
Aluminum, dissolved	**6010B**	--	--	--	--	--
Antimony	**6020**	0.0002 U	0.0002 U	0.00021 J	0.0002 J	0.0002 U
Antimony, dissolved	**6020**	0.0002 U	0.0002 U	0.00021 J	0.00021 J	0.0002 U
Arsenic	**6020**	0.00033 U	0.00033 U	0.0012 J	0.0012 J	0.00033 U
Arsenic, dissolved	**6020**	0.00033 U	0.00033 U	0.0013 J	0.0013 J	0.00033 U
Barium	**6010B**	--	--	--	--	--
Barium	**6020**	0.023	0.038	0.06	0.061	0.088
Barium, dissolved	**6010B**	--	--	--	--	--
Barium, dissolved	**6020**	0.024	0.039	0.061 J	0.06 J	0.085 J
Beryllium	**6020**	0.00008 U	0.00008 U	0.00008 U	0.00008 U	0.00008 U
Beryllium, dissolved	**6020**	0.00008 U	0.00008 U	0.00008 U	0.00008 U	0.00008 U
Boron, dissolved	**6010B**	--	--	--	--	--
Cadmium	**6020**	0.00004 U	0.00004 U	0.00004 U	0.00004 U	0.000051 J
Cadmium, dissolved	**6020**	0.00004 U	0.00004 U	0.00004 U	0.00004 U	0.00004 J
Calcium	**6010B**	--	--	--	--	--
Calcium, dissolved	**6010B**	--	--	--	--	--
Chromium	**6020**	0.0005 U	0.0005 U	0.0005 U	0.00059 J	0.0005 U
Chromium, dissolved	**6020**	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U
Cobalt	**6020**	0.000088 J	0.00058 J	0.000054 U	0.000054 U	0.000081 J
Cobalt, dissolved	**6020**	0.000054 U	0.00057 J	0.000054 U	0.000054 U	0.000079 J
Copper	**6020**	0.00056 U	0.00056 U	0.00056 J	0.00056 U	0.00062 J
Copper, dissolved	**6020**	0.00056 U	0.00056 U	0.00071 J	0.00056 U	0.00091 J
Hexavalent Chromium	**7196A**	--	--	--	--	--
Hexavalent Chromium, dissolved	**7196A**	--	--	--	--	--
Iron	**6010B**	--	--	--	--	--
Iron, dissolved	**6010B**	--	--	--	--	--
Lead	**6020**	0.00018 U	0.00018 U	0.00018 U	0.00018 U	0.00018 U
Lead, dissolved	**6020**	0.00018 U	0.00018 U	0.00018 U	0.00018 U	0.00018 U
Magnesium	**6010B**	--	--	--	--	--
Magnesium, dissolved	**6010B**	--	--	--	--	--
Manganese	**6010B**	--	--	--	--	--
Manganese, dissolved	**6010B**	--	--	--	--	--
Manganese, dissolved	**6020**	--	--	--	--	--
Mercury	**7470A**	0.000027 U	0.000027 U	--	--	--
Mercury, dissolved	**7470A**	0.000036 U	0.000028 U	--	--	--
Molybdenum	**6010B**	--	--	--	--	--
Molybdenum, dissolved	**6010B**	--	--	--	--	--
Molybdenum, dissolved	**6020**	--	--	--	--	--
Nickel	**6020**	0.0015 J	0.0017 J	0.0019 J	0.0011 J	0.0023
Nickel, dissolved	**6020**	0.00046 J	0.0019 J	0.0017 J	0.0014 J	0.0022
Potassium	**6010B**	--	--	--	--	--
Potassium, dissolved	**6010B**	--	--	--	--	--
Selenium	**6020**	0.0007 U	0.0007 U	0.0007 U	0.0007 U	0.0007 U
Selenium, dissolved	**6020**	0.0007 U	0.0007 U	0.0007 U	0.0007 U	0.0007 U
Silver	**6020**	0.000033 U	0.000033 U	0.000033 U	0.000033 U	0.000033 U
Silver, dissolved	**6020**	0.000033 U	0.000033 U	0.000033 U	0.000033 U	0.000033 U
Sodium	**6010B**	--	--	37	38	95
Sodium, dissolved	**6010B**	--	--	40	38	100
Strontium	**6010B**	--	--	--	--	--
Strontium, dissolved	**6010B**	--	--	--	--	--
Thallium	**6020**	0.000033 U	0.000033 U	0.000033 U	0.000033 U	0.000074 J
Thallium, dissolved	**6020**	0.000033 U	0.000033 U	0.000033 U	0.000033 U	0.000063 J
Tin	**6020**	0.00077 U	0.00077 U	0.00077 U	0.00077 U	0.00077 U
Tin, dissolved	**6020**	0.00077 U	0.00077 U	0.00077 U	0.00077 U	0.00077 U
Vanadium	**6010B**	--	--	--	--	--
Vanadium	**6020**	0.00033 U	0.00033 U	0.0037 J	0.0036 J	0.00077 J
Vanadium, dissolved	**6010B**	--	--	--	--	--
Vanadium, dissolved	**6020**	0.00033 U	0.00033 U	0.0035 J	0.0034 J	0.00072 J
Zinc	**6010B**	--	--	--	--	--
Zinc	**6020**	0.002 U	0.21	0.36	0.36	0.14
Zinc, dissolved	**6010B**	--	--	--	--	--
Zinc, dissolved	**6020**	0.002 U	0.17	0.36	0.36	0.14

TABLE 19
METALS ANALYTICAL RESULTS, 2012
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		RD-33A (Port 3)	RD-33B	RD-33C	RD-34A	RD-34C
SampleType:		Primary	Primary	Primary	Primary	Primary
Sample Name:		RD-33A_020112_01	RD-33B_011912_01	RD-33C_011912_01	RD-34A_011912_01	RD-34C_011912_01
Groundwater Unit:		Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth
Lab Name:		TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
Collection Date:		2/1/2012	1/19/2012	1/19/2012	1/19/2012	1/19/2012
Analyte (mg/L)	**Method**					
Aluminum, dissolved	**6010B**	--	--	--	--	--
Antimony	**6020**	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U
Antimony, dissolved	**6020**	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U
Arsenic	**6020**	0.0019 J	0.00033 U	0.00033 U	0.00033 U	0.00033 U
Arsenic, dissolved	**6020**	0.0021 J	0.00033 U	0.00033 U	0.00033 U	0.00033 U
Barium	**6010B**	--	--	--	--	--
Barium	**6020**	0.055	0.11	0.036	0.042	0.066
Barium, dissolved	**6010B**	--	--	--	--	--
Barium, dissolved	**6020**	0.054	0.1	0.037	0.042	0.065
Beryllium	**6020**	0.00008 U	0.00008 U	0.00008 U	0.00008 U	0.00008 U
Beryllium, dissolved	**6020**	0.00008 U	0.00008 U	0.00008 U	0.00008 U	0.00008 U
Boron, dissolved	**6010B**	--	--	--	--	--
Cadmium	**6020**	0.00004 U	0.00004 U	0.00004 U	0.00004 U	0.00004 U
Cadmium, dissolved	**6020**	0.00004 U	0.00004 U	0.00004 U	0.00004 U	0.00004 U
Calcium	**6010B**	--	--	--	--	--
Calcium, dissolved	**6010B**	--	--	--	--	--
Chromium	**6020**	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U
Chromium, dissolved	**6020**	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U
Cobalt	**6020**	0.000076 J	0.00012 J	0.000054 U	0.0001 J	0.000058 J
Cobalt, dissolved	**6020**	0.000054 U	0.00013 J	0.000054 U	0.000088 J	0.000054 U
Copper	**6020**	0.0038	0.00056 U	0.00056 U	0.0006 J	0.00056 U
Copper, dissolved	**6020**	0.0044	0.00056 U	0.00056 U	0.00056 U	0.00056 U
Hexavalent Chromium	**7196A**	--	--	--	--	--
Hexavalent Chromium, dissolved	**7196A**	--	--	--	--	--
Iron	**6010B**	--	--	--	--	--
Iron, dissolved	**6010B**	--	--	--	--	--
Lead	**6020**	0.0009 J	0.00018 U	0.00028 J	0.00018 U	0.00018 U
Lead, dissolved	**6020**	0.00043 J	0.00018 U	0.00018 U	0.00018 U	0.00018 U
Magnesium	**6010B**	--	--	--	--	--
Magnesium, dissolved	**6010B**	--	--	--	--	--
Manganese	**6010B**	--	--	--	--	--
Manganese, dissolved	**6010B**	--	--	--	--	--
Manganese, dissolved	**6020**	--	--	--	--	--
Mercury	**7470A**	--	--	--	--	--
Mercury, dissolved	**7470A**	--	--	--	--	--
Molybdenum	**6010B**	--	--	--	--	--
Molybdenum, dissolved	**6010B**	--	--	--	--	--
Molybdenum, dissolved	**6020**	--	--	--	--	--
Nickel	**6020**	0.00094 J	0.00032 J	0.0003 U	0.0015 J	0.0003 U
Nickel, dissolved	**6020**	0.00091 J	0.00031 J	0.0003 U	0.0014 J	0.0003 U
Potassium	**6010B**	--	--	--	--	--
Potassium, dissolved	**6010B**	--	--	--	--	--
Selenium	**6020**	0.0007 U	0.0007 U	0.0007 U	0.0007 U	0.0007 U
Selenium, dissolved	**6020**	0.0007 U	0.0007 U	0.0007 U	0.0007 U	0.0007 U
Silver	**6020**	0.00023 J	0.000033 U	0.000033 U	0.000033 U	0.000033 U
Silver, dissolved	**6020**	0.000033 U	0.000033 U	0.000033 U	0.000033 U	0.000033 U
Sodium	**6010B**	--	--	--	70	40
Sodium, dissolved	**6010B**	--	--	--	73	41
Strontium	**6010B**	--	--	--	--	--
Strontium, dissolved	**6010B**	--	--	--	--	--
Thallium	**6020**	0.000033 U	0.000033 U	0.000033 U	0.000033 U	0.000033 U
Thallium, dissolved	**6020**	0.000033 U	0.000069 U	0.000033 U	0.000038 U	0.000033 U
Tin	**6020**	0.00077 U	0.00077 U	0.00077 U	0.00077 U	0.00077 U
Tin, dissolved	**6020**	0.00077 U	0.00077 U	0.00077 U	0.00077 U	0.00077 U
Vanadium	**6010B**	--	--	--	--	--
Vanadium	**6020**	0.00033 U	0.00033 U	0.00033 U	0.00033 U	0.00033 U
Vanadium, dissolved	**6010B**	--	--	--	--	--
Vanadium, dissolved	**6020**	0.00033 U	0.00033 U	0.00033 U	0.00033 U	0.00033 U
Zinc	**6010B**	--	--	--	--	--
Zinc	**6020**	0.009 J	0.0044 J	0.057	0.039	0.1
Zinc, dissolved	**6010B**	--	--	--	--	--
Zinc, dissolved	**6020**	0.0068 J	0.002 U	0.002 U	0.04	0.0032 J

TABLE 19
METALS ANALYTICAL RESULTS, 2012
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		RD-41A	RD-49A	RD-49B	RD-49C	RD-50 (Port 2)
SampleType:		Primary	Primary	Primary	Primary	Primary
Sample Name:		RD-41A_012712_01	RD-49A_021312_01	RD-49B_021312_01	RD-49C_021312_01	RD-50_012612_01
Groundwater Unit:		Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth
Lab Name:		TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
Collection Date:		1/27/2012	2/13/2012	2/13/2012	2/13/2012	1/26/2012
Analyte (mg/L)	**Method**					
Aluminum, dissolved	**6010B**	--	--	--	--	--
Antimony	**6020**	--	--	--	0.00024 J	0.00059 J
Antimony, dissolved	**6020**	--	--	--	0.0002 U	0.00058 J
Arsenic	**6020**	--	--	--	0.00094 J	0.006
Arsenic, dissolved	**6020**	--	--	--	0.00062 J	0.0058
Barium	**6010B**	--	--	--	--	--
Barium	**6020**	--	--	--	0.07	0.052
Barium, dissolved	**6010B**	--	--	--	--	--
Barium, dissolved	**6020**	--	--	--	0.072	0.05
Beryllium	**6020**	--	--	--	0.00008 U	0.00008 U
Beryllium, dissolved	**6020**	--	--	--	0.00008 U	0.00008 U
Boron, dissolved	**6010B**	--	--	--	--	--
Cadmium	**6020**	--	--	--	0.00004 U	0.00004 U
Cadmium, dissolved	**6020**	--	--	--	0.00004 U	0.00004 U
Calcium	**6010B**	160	150	170	--	--
Calcium, dissolved	**6010B**	160	150	170	--	--
Chromium	**6020**	--	--	--	0.00063 J	0.0005 U
Chromium, dissolved	**6020**	--	--	--	0.0005 U	0.0005 U
Cobalt	**6020**	--	--	--	0.000054 U	0.00048 J
Cobalt, dissolved	**6020**	--	--	--	0.000054 U	0.00044 J
Copper	**6020**	--	--	--	0.00056 U	0.00077 J
Copper, dissolved	**6020**	--	--	--	0.00056 U	0.0019 J
Hexavalent Chromium	**7196A**	--	--	--	--	--
Hexavalent Chromium, dissolved	**7196A**	--	--	--	--	--
Iron	**6010B**	0.022 U	2.1	3.1	--	--
Iron, dissolved	**6010B**	0.022 U	2.1	3	--	--
Lead	**6020**	--	--	--	0.00018 U	0.0028
Lead, dissolved	**6020**	--	--	--	0.00018 U	0.0029
Magnesium	**6010B**	27	99	29	--	--
Magnesium, dissolved	**6010B**	27	100	29	--	--
Manganese	**6010B**	0.02	0.52	0.18	--	--
Manganese, dissolved	**6010B**	0.02	0.53	0.17	--	--
Manganese, dissolved	**6020**	--	--	--	--	--
Mercury	**7470A**	--	--	--	0.000027 U	--
Mercury, dissolved	**7470A**	--	--	--	0.000027 U	--
Molybdenum	**6010B**	--	--	--	--	--
Molybdenum, dissolved	**6010B**	--	--	--	--	--
Molybdenum, dissolved	**6020**	--	--	--	--	--
Nickel	**6020**	--	--	--	0.0003 U	0.00071 J
Nickel, dissolved	**6020**	--	--	--	0.0003 U	0.00057 J
Potassium	**6010B**	4.4 J	7	5	--	--
Potassium, dissolved	**6010B**	4.9 J	7.1	5.1	--	--
Selenium	**6020**	--	--	--	0.0007 U	0.0044 J
Selenium, dissolved	**6020**	--	--	--	0.0007 U	0.004 J
Silver	**6020**	--	--	--	0.000033 U	0.000033 U
Silver, dissolved	**6020**	--	--	--	0.000033 U	0.000033 U
Sodium	**6010B**	91	130	52	--	--
Sodium, dissolved	**6010B**	93	130	51	--	--
Strontium	**6010B**	0.46	1.3	0.6	--	--
Strontium, dissolved	**6010B**	0.49	1.3	0.59	--	--
Thallium	**6020**	--	--	--	0.000033 U	0.000049 J
Thallium, dissolved	**6020**	--	--	--	0.000033 U	0.000055 J
Tin	**6020**	--	--	--	0.00077 U	0.00077 U
Tin, dissolved	**6020**	--	--	--	0.00077 U	0.00077 U
Vanadium	**6010B**	--	--	--	--	--
Vanadium	**6020**	--	--	--	0.00033 U	0.0035 J
Vanadium, dissolved	**6010B**	--	--	--	--	--
Vanadium, dissolved	**6020**	--	--	--	0.00033 U	0.0032 J
Zinc	**6010B**	1.7	0.057	3.1	--	--
Zinc	**6020**	--	--	--	0.73	0.16
Zinc, dissolved	**6010B**	1.6	0.055	3	--	--
Zinc, dissolved	**6020**	--	--	--	1	0.15

TABLE 19
METALS ANALYTICAL RESULTS, 2012
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		RD-50 (Port 2)	RD-54A (Port 2)	RD-57 (Port 7)	RD-59A	RD-59B
SampleType:		Split	Primary	Primary	Primary	Primary
Sample Name:		RD-50_012612_03A	RD-54A_012612_01	RD-57_012712_01	RD-59A_011212_01	RD-59B_011212_01
Groundwater Unit:		Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth
Lab Name:		TA- Irvine	TA- Denver	TA- Denver	TA- Denver	TA- Denver
Collection Date:		1/26/2012	1/26/2012	1/27/2012	1/12/2012	1/12/2012
Analyte (mg/L)	**Method**					
Aluminum, dissolved	**6010B**	--	--	--	--	--
Antimony	**6020**	0.0006 J	0.0002 U	0.00079 U	0.00093 U	0.00056 U
Antimony, dissolved	**6020**	0.00089 J	0.0002 U	0.00031 J	0.0002 U	0.0002 U
Arsenic	**6020**	0.0057	0.0032 J	0.004 J	0.00071 J	0.00033 U
Arsenic, dissolved	**6020**	0.0054	0.0032 J	0.0043 J	0.00082 J	0.00033 U
Barium	**6010B**	--	--	--	--	--
Barium	**6020**	0.05	0.048	0.041 J	0.066	0.045
Barium, dissolved	**6010B**	--	--	--	--	--
Barium, dissolved	**6020**	0.049	0.046	0.042	0.066	0.043
Beryllium	**6020**	0.0001 U	0.00008 U	0.00008 U	0.00011 J	0.00008 U
Beryllium, dissolved	**6020**	0.0001 U	0.00008 U	0.00008 U	0.00008 U	0.00008 U
Boron, dissolved	**6010B**	--	--	--	--	--
Cadmium	**6020**	0.0001 U	0.00004 U	0.00034 J	0.000053 J	0.000054 J
Cadmium, dissolved	**6020**	0.0001 U	0.00004 U	0.00025 J	0.00004 U	0.00004 U
Calcium	**6010B**	--	--	--	--	--
Calcium, dissolved	**6010B**	--	--	--	--	--
Chromium	**6020**	0.0009 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U
Chromium, dissolved	**6020**	0.0009 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U
Cobalt	**6020**	0.00052 J	0.00072 J	0.0005 J	0.00026 J	0.000054 U
Cobalt, dissolved	**6020**	0.00048 J	0.00066 J	0.00039 J	0.00029 J	0.000054 U
Copper	**6020**	0.00075 J	0.016	0.031	0.00056 U	0.086
Copper, dissolved	**6020**	0.00059 J	0.0083	0.035	0.00056 U	0.00067 J
Hexavalent Chromium	**7196A**	--	--	--	--	--
Hexavalent Chromium, dissolved	**7196A**	--	--	--	--	--
Iron	**6010B**	--	--	--	--	--
Iron, dissolved	**6010B**	--	--	--	--	--
Lead	**6020**	0.0061	0.006	0.021	0.00018 U	0.065
Lead, dissolved	**6020**	0.0058	0.0055	0.017	0.00018 U	0.00063 J
Magnesium	**6010B**	--	--	--	--	--
Magnesium, dissolved	**6010B**	--	--	--	--	--
Manganese	**6010B**	--	--	--	--	--
Manganese, dissolved	**6010B**	--	--	--	--	--
Manganese, dissolved	**6020**	--	--	--	--	--
Mercury	**7470A**	--	--	--	--	--
Mercury, dissolved	**7470A**	--	--	--	--	--
Molybdenum	**6010B**	--	--	--	--	--
Molybdenum, dissolved	**6010B**	--	--	--	--	--
Molybdenum, dissolved	**6020**	--	--	--	--	--
Nickel	**6020**	0.0012 J	0.00096 J	0.0037	0.0013 J	0.0004 J
Nickel, dissolved	**6020**	0.0009 J	0.00079 J	0.0027	0.0015 J	0.00042 J
Potassium	**6010B**	--	--	--	--	--
Potassium, dissolved	**6010B**	--	--	--	--	--
Selenium	**6020**	0.0042	0.0007 U	0.002 J	0.0007 U	0.0007 U
Selenium, dissolved	**6020**	0.0045	0.0007 U	0.0021 J	0.0007 U	0.0007 U
Silver	**6020**	0.0001 U	0.000033 U	0.00038 J	0.000033 U	0.000037 J
Silver, dissolved	**6020**	0.00032 J	0.000033 U	0.000033 U	0.000033 U	0.000033 U
Sodium	**6010B**	--	--	--	89	93
Sodium, dissolved	**6010B**	--	--	--	89	94
Strontium	**6010B**	--	--	--	--	--
Strontium, dissolved	**6010B**	--	--	--	--	--
Thallium	**6020**	0.0002 U	0.000033 U	0.000033 U	0.000033 U	0.000033 U
Thallium, dissolved	**6020**	0.0002 U	0.000033 U	0.000057 J	0.000062 J	0.000033 U
Tin	**6020**	0.005 U	0.00077 U	0.00077 U	0.00077 U	0.0034 J
Tin, dissolved	**6020**	0.005 U	0.00077 U	0.00077 U	0.00077 U	0.00077 U
Vanadium	**6010B**	--	--	--	--	--
Vanadium	**6020**	0.003	0.00033 U	0.0016 J	0.00033 U	0.00033 U
Vanadium, dissolved	**6010B**	--	--	--	--	--
Vanadium, dissolved	**6020**	0.0026	0.00033 U	0.0016 J	0.00033 U	0.00033 U
Zinc	**6010B**	--	--	--	--	--
Zinc	**6020**	0.15	0.038	1.4	0.0048 J	0.28
Zinc, dissolved	**6010B**	--	--	--	--	--
Zinc, dissolved	**6020**	0.14	0.038	0.84	0.0038 J	0.12

TABLE 19
METALS ANALYTICAL RESULTS, 2012
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		RD-59C	RD-63	RD-77	RD-85	RD-86
SampleType:		Primary	Primary	Primary	Primary	Primary
Sample Name:		RD-59C_011212_01	RD-63_011912_01	RD-77_021512_01	RD-85_011812_01	RD-86_011712_01
Groundwater Unit:		Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth
Lab Name:		TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
Collection Date:		1/12/2012	1/19/2012	2/15/2012	1/18/2012	1/17/2012
Analyte (mg/L)	**Method**					
Aluminum, dissolved	**6010B**	--	--	--	--	--
Antimony	**6020**	0.00047 U	0.0002 U	--	0.0002 U	0.0002 U
Antimony, dissolved	**6020**	0.0002 U	0.0002 U	--	0.0002 U	0.0002 U
Arsenic	**6020**	0.00033 U	0.00033 U	--	0.00037 J	0.00081 J
Arsenic, dissolved	**6020**	0.00033 U	0.00033 U	--	0.00042 J	0.00081 J
Barium	**6010B**	--	--	--	--	--
Barium	**6020**	0.049	0.057	--	0.035	0.045
Barium, dissolved	**6010B**	--	--	--	--	--
Barium, dissolved	**6020**	0.049	0.056	--	0.035 J	0.044
Beryllium	**6020**	0.00008 U	0.00008 U	--	0.00008 U	0.00008 U
Beryllium, dissolved	**6020**	0.00008 U	0.00008 U	--	0.00008 U	0.00008 U
Boron, dissolved	**6010B**	--	--	--	--	--
Cadmium	**6020**	0.00004 U	0.00004 U	--	0.0097	0.000097 J
Cadmium, dissolved	**6020**	0.00004 U	0.00004 U	--	0.0029	0.000094 J
Calcium	**6010B**	--	--	79	--	--
Calcium, dissolved	**6010B**	--	--	79	--	--
Chromium	**6020**	0.0005 U	0.0005 U	--	0.00074 J	0.0005 U
Chromium, dissolved	**6020**	0.0005 U	0.0005 U	--	0.0005 U	0.0005 U
Cobalt	**6020**	0.000054 U	0.00039 J	--	0.000087 J	0.00018 J
Cobalt, dissolved	**6020**	0.000054 U	0.00011 J	--	0.000071 J	0.00018 J
Copper	**6020**	0.0024	0.00056 U	--	0.0041	0.00056 U
Copper, dissolved	**6020**	0.0026	0.00056 U	--	0.0008 J	0.00073 J
Hexavalent Chromium	**7196A**	--	--	--	--	--
Hexavalent Chromium, dissolved	**7196A**	--	--	--	--	--
Iron	**6010B**	--	--	0.11	--	--
Iron, dissolved	**6010B**	--	--	0.022 U	--	--
Lead	**6020**	0.00066 J	0.00018 U	--	0.00018 U	0.00018 U
Lead, dissolved	**6020**	0.0011 J	0.00018 U	--	0.00018 U	0.00018 U
Magnesium	**6010B**	--	--	16	--	--
Magnesium, dissolved	**6010B**	--	--	15	--	--
Manganese	**6010B**	--	--	0.0044 J	--	--
Manganese, dissolved	**6010B**	--	--	0.0016 J	--	--
Manganese, dissolved	**6020**	--	--	--	--	--
Mercury	**7470A**	--	--	--	--	--
Mercury, dissolved	**7470A**	--	--	--	--	--
Molybdenum	**6010B**	--	--	--	--	--
Molybdenum, dissolved	**6010B**	--	--	--	--	--
Molybdenum, dissolved	**6020**	--	--	--	--	--
Nickel	**6020**	0.0003 U	0.014	--	0.0078	0.011
Nickel, dissolved	**6020**	0.0003 U	0.0013 J	--	0.0058	0.011
Potassium	**6010B**	--	--	3 J	--	--
Potassium, dissolved	**6010B**	--	--	3 J	--	--
Selenium	**6020**	0.0007 U	0.0007 U	--	0.0007 U	0.0007 U
Selenium, dissolved	**6020**	0.0007 U	0.00079 J	--	0.0007 U	0.0007 U
Silver	**6020**	0.000033 U	0.000033 U	--	0.000033 U	0.000033 U
Silver, dissolved	**6020**	0.000033 U	0.000033 U	--	0.000033 U	0.000033 U
Sodium	**6010B**	130	56	31	82	88 J
Sodium, dissolved	**6010B**	140	59	32	88	91
Strontium	**6010B**	--	--	0.27	--	--
Strontium, dissolved	**6010B**	--	--	0.27	--	--
Thallium	**6020**	0.000033 U	0.000033 U	--	0.00006 J	0.000033 J
Thallium, dissolved	**6020**	0.000033 U	0.000033 U	--	0.000058 J	0.000048 J
Tin	**6020**	0.00077 U	0.00077 U	--	0.00077 U	0.00077 U
Tin, dissolved	**6020**	0.00077 U	0.00077 U	--	0.00077 U	0.00077 U
Vanadium	**6010B**	--	--	--	--	--
Vanadium	**6020**	0.00033 U	0.00033 U	--	0.00068 J	0.0014 J
Vanadium, dissolved	**6010B**	--	--	--	--	--
Vanadium, dissolved	**6020**	0.00033 U	0.00033 U	--	0.00075 J	0.0013 J
Zinc	**6010B**	--	--	0.02	--	--
Zinc	**6020**	0.067	0.054	--	0.0066 J	0.0047 J
Zinc, dissolved	**6010B**	--	--	0.018 J	--	--
Zinc, dissolved	**6020**	0.05	0.042	--	0.0056 J	0.0049 J

TABLE 19
METALS ANALYTICAL RESULTS, 2012
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		RD-86	RD-100	RD-100	RD-104	RS-33
SampleType:		Field Duplicate	Primary	Primary	Primary	Primary
Sample Name:		RD-86_011712_36	RD-100_011312_01	RD-100_072012_01A	RD-104_020212_01	RS-33_013112_01
Groundwater Unit:		Chatsworth	Chatsworth	Chatsworth	Chatsworth	Shallow
Lab Name:		TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
Collection Date:		1/17/2012	1/13/2012	7/20/2012	2/2/2012	1/31/2012
Analyte (mg/L)	**Method**					
Aluminum, dissolved	**6010B**	--	--	--	--	--
Antimony	**6020**	0.0002 U	0.00042 U	0.0004 U	0.00055 J	0.0002 U
Antimony, dissolved	**6020**	0.0002 U	0.00031 U	0.0004 U	0.0002 U	0.0002 U
Arsenic	**6020**	0.00082 J	0.00048 J	0.00092 J	0.0021 J	0.00098 J
Arsenic, dissolved	**6020**	0.00079 J	0.00045 J	0.00033 U	0.0011 J	0.0014 J
Barium	**6010B**	--	0.016	0.13	--	--
Barium	**6020**	0.046	--	--	0.06	0.019
Barium, dissolved	**6010B**	--	0.017 J	0.047	--	--
Barium, dissolved	**6020**	0.045	--	--	0.052	0.018
Beryllium	**6020**	0.00008 U	0.00008 U	0.00008 U	0.00035 J	0.00008 U
Beryllium, dissolved	**6020**	0.00008 U	0.00008 U	0.00008 U	0.00008 U	0.00008 U
Boron, dissolved	**6010B**	--	--	--	--	--
Cadmium	**6020**	0.000097 J	0.00004 U	0.0001 U	0.00042 J	0.00012 J
Cadmium, dissolved	**6020**	0.000092 J	0.00004 U	0.0001 U	0.000068 J	0.00004 U
Calcium	**6010B**	--	--	--	91	140
Calcium, dissolved	**6010B**	--	--	--	89	140
Chromium	**6020**	0.0005 U	0.0005 U	0.002	0.0025 J	0.00057 J
Chromium, dissolved	**6020**	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U
Cobalt	**6020**	0.00017 J	0.00025 J	0.00098 J	0.0016	0.0005 J
Cobalt, dissolved	**6020**	0.00017 J	0.00033 J	0.00025 J	0.00078 J	0.00048 J
Copper	**6020**	0.00056 U	0.00056 U	0.002	0.0023	0.00056 J
Copper, dissolved	**6020**	0.00056 U	0.00056 U	0.00056 U	0.00091 J	0.00068 J
Hexavalent Chromium	**7196A**	--	--	--	--	--
Hexavalent Chromium, dissolved	**7196A**	--	--	--	--	--
Iron	**6010B**	--	0.19 J	4.6	6	0.06 J
Iron, dissolved	**6010B**	--	0.16 J	0.022 U	3.5	0.027 J
Lead	**6020**	0.00018 U	0.00018 U	0.00096 J	0.0016 J	0.00018 U
Lead, dissolved	**6020**	0.00018 U	0.00018 U	0.00018 U	0.00076 J	0.00018 U
Magnesium	**6010B**	--	--	--	31	20
Magnesium, dissolved	**6010B**	--	--	--	31	20
Manganese	**6010B**	--	0.13	0.18	0.29	0.018
Manganese, dissolved	**6010B**	--	0.13	0.11	0.27	0.016
Manganese, dissolved	**6020**	--	--	--	--	--
Mercury	**7470A**	--	0.000027 U	0.000027 U	0.000027 U	0.000027 U
Mercury, dissolved	**7470A**	--	0.000027 U	0.000027 U	0.000027 U	0.000027 U
Molybdenum	**6010B**	--	0.0031 U	0.0031 U	--	--
Molybdenum, dissolved	**6010B**	--	0.0031 U	0.0031 U	--	--
Molybdenum, dissolved	**6020**	--	--	--	--	--
Nickel	**6020**	0.011	0.0014 J	0.0044	0.0042	0.0037
Nickel, dissolved	**6020**	0.011	0.0013 J	0.0026	0.0024	0.0037
Potassium	**6010B**	--	--	--	5.4	2.8 J
Potassium, dissolved	**6010B**	--	--	--	5.2	2.6 J
Selenium	**6020**	0.0007 U	0.0007 U	0.0007 U	0.00094 U	0.0007 U
Selenium, dissolved	**6020**	0.0007 U	0.0007 U	0.0007 U	0.0007 U	0.0007 U
Silver	**6020**	0.000033 U	0.000033 U	0.000033 U	0.00034 J	0.00031 J
Silver, dissolved	**6020**	0.000033 U	0.000033 U	0.000033 U	0.000033 U	0.000033 U
Sodium	**6010B**	88 J	--	--	77	100
Sodium, dissolved	**6010B**	91	--	--	76	100
Strontium	**6010B**	--	--	--	0.29	0.71
Strontium, dissolved	**6010B**	--	--	--	0.28	0.71
Thallium	**6020**	0.000033 U	0.000033 U	0.00005 U	0.00039 J	0.000033 U
Thallium, dissolved	**6020**	0.000033 U	0.000033 U	0.00005 U	0.000049 J	0.000033 U
Tin	**6020**	0.00077 U	--	--	0.00077 U	0.00077 U
Tin, dissolved	**6020**	0.00077 U	--	--	0.00077 U	0.00077 U
Vanadium	**6010B**	--	0.0011 U	0.0054 J	--	--
Vanadium	**6020**	0.0014 J	--	--	0.0034 J	0.0012 J
Vanadium, dissolved	**6010B**	--	0.0012 J	0.0014 J	--	--
Vanadium, dissolved	**6020**	0.0013 J	--	--	0.00033 U	0.00084 J
Zinc	**6010B**	--	0.0045 U	0.012 J	--	--
Zinc	**6020**	0.0042 J	--	--	0.01 J	0.002 U
Zinc, dissolved	**6010B**	--	0.0045 U	0.005 J	--	--
Zinc, dissolved	**6020**	0.0044 J	--	--	0.011 J	0.0036 J

TABLE 19
METALS ANALYTICAL RESULTS, 2012
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

	Well Identifier:	RS-34
	SampleType:	Primary
	Sample Name:	RS-34_020712_01
	Groundwater Unit:	Shallow
	Lab Name:	TA- Denver
	Collection Date:	2/7/2012
Analyte (mg/L)	**Method**	
Aluminum, dissolved	**6010B**	--
Antimony	**6020**	0.0002 U
Antimony, dissolved	**6020**	0.0002 U
Arsenic	**6020**	0.0021 J
Arsenic, dissolved	**6020**	0.0019 J
Barium	**6010B**	--
Barium	**6020**	0.056
Barium, dissolved	**6010B**	--
Barium, dissolved	**6020**	0.058
Beryllium	**6020**	0.00008 U
Beryllium, dissolved	**6020**	0.00008 U
Boron, dissolved	**6010B**	--
Cadmium	**6020**	0.000092 J
Cadmium, dissolved	**6020**	0.00004 U
Calcium	**6010B**	140
Calcium, dissolved	**6010B**	160
Chromium	**6020**	0.0012 J
Chromium, dissolved	**6020**	0.0005 U
Cobalt	**6020**	0.00039 J
Cobalt, dissolved	**6020**	0.000073 J
Copper	**6020**	0.0034
Copper, dissolved	**6020**	0.0011 J
Hexavalent Chromium	**7196A**	--
Hexavalent Chromium, dissolved	**7196A**	--
Iron	**6010B**	0.76
Iron, dissolved	**6010B**	0.022 U
Lead	**6020**	0.00018 J
Lead, dissolved	**6020**	0.00018 U
Magnesium	**6010B**	46
Magnesium, dissolved	**6010B**	53
Manganese	**6010B**	0.027
Manganese, dissolved	**6010B**	0.00025 U
Manganese, dissolved	**6020**	--
Mercury	**7470A**	0.000027 U
Mercury, dissolved	**7470A**	0.000027 U
Molybdenum	**6010B**	--
Molybdenum, dissolved	**6010B**	--
Molybdenum, dissolved	**6020**	--
Nickel	**6020**	0.0023
Nickel, dissolved	**6020**	0.0016 J
Potassium	**6010B**	2 J
Potassium, dissolved	**6010B**	2.3 J
Selenium	**6020**	0.0007 U
Selenium, dissolved	**6020**	0.0007 U
Silver	**6020**	0.000033 U
Silver, dissolved	**6020**	0.000033 U
Sodium	**6010B**	99
Sodium, dissolved	**6010B**	110
Strontium	**6010B**	0.74
Strontium, dissolved	**6010B**	0.79
Thallium	**6020**	0.000033 U
Thallium, dissolved	**6020**	0.000033 U
Tin	**6020**	0.00077 U
Tin, dissolved	**6020**	0.00077 U
Vanadium	**6010B**	--
Vanadium	**6020**	0.0029 J
Vanadium, dissolved	**6010B**	--
Vanadium, dissolved	**6020**	0.0023 J
Zinc	**6010B**	--
Zinc	**6020**	0.0082 J
Zinc, dissolved	**6010B**	--
Zinc, dissolved	**6020**	0.0039 J

NOTES AND ABBREVIATIONS

Chatsworth - Chatsworth Formation groundwater unit
Shallow - Near-surface groundwater unit

mg/L - milligrams per liter

-- Not available
TA - TestAmerica
J - Result is estimated
U - Not detected above the method detection limit (MDL) or reporting limit (RL)
UJ - The result is not detected; however, the RL/MDL is estimated

TABLE 20
DIOXINS AND FURANS ANALYTICAL RESULTS, 2012
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		ES-01	ES-17	ES-17	ES-17	ES-17	ES-27	HAR-01
SampleType:		Primary	Primary	Primary	Field Duplicate	Split	Primary	Primary
Sample Name:		ES-01_020912_01	ES-17_020312_01	ES-17_080712_01	ES-17_080712_36	ES-17_080712_03	ES-27_020112_01	HAR-01_020812_01
Groundwater Unit:		Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	Chatsworth
Lab Name:		TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Irvine	TA- Denver	TA- Denver
Collection Date:		2/9/2012	2/3/2012	8/7/2012	8/7/2012	8/7/2012	2/1/2012	2/8/2012
Analyte (pg/L)	**Method**							
1,2,3,4,6,7,8-Heptachlorodibenzofuran	**8290**	0.66 U	0.33 U	1.1 U	0.92 U	2.5 U	0.57 U	0.66 U
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	**8290**	1.4 U	0.48 U	1.9 U	1.2 U	3.6 U	0.79 U	0.97 U
1,2,3,4,7,8,9-Heptachlorodibenzofuran	**8290**	1 U	0.52 U	1.6 U	1.3 U	0.54 U	0.93 U	1.1 U
1,2,3,4,7,8-Hexachlorodibenzofuran	**8290**	0.51 U	0.26 U	0.92 U	0.63 U	1.2 U	0.42 U	0.41 U
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	**8290**	0.83 U	0.4 U	1.6 U	1.1 U	1.1 U	0.73 U	0.88 U
1,2,3,6,7,8-Hexachlorodibenzofuran	**8290**	0.52 U	0.27 U	0.94 U	0.64 U	1 U	0.39 U	0.45 U
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	**8290**	0.91 U	0.42 U	1.5 U	1.1 U	0.94 U	0.76 U	0.91 U
1,2,3,7,8,9-Hexachlorodibenzofuran	**8290**	0.71 U	0.35 U	1.1 U	0.76 U	1.2 U	0.57 U	0.62 U
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	**8290**	0.81 U	0.39 U	1.5 U	1 U	0.85 U	0.7 U	0.84 U
1,2,3,7,8-Pentachlorodibenzofuran	**8290**	0.88 U	0.48 U	2.1 U	1.4 U	2 U	0.71 U	0.86 U
1,2,3,7,8-Pentachlorodibenzo-p-dioxin	**8290**	1.2 U	0.69 U	2.8 U	1.7 U	1.5 U	0.96 U	1.2 U
2,3,4,6,7,8-Hexachlorodibenzofuran	**8290**	0.6 U	0.29 U	0.89 U	0.63 U	1.1 U	0.45 U	0.44 U
2,3,4,7,8-Pentachlorodibenzofuran	**8290**	0.93 U	0.43 U	1.9 U	1.3 U	2.1 U	0.61 U	0.82 U
2,3,7,8-TCDD	**8290**	2.7 U	1.4 U	5.1 U	3.6 U	0.59 J	1.9 U	2.6 U
2,3,7,8-TCDD TEQ	**8290**	4.9 U	0.00033	10 U	6.6 U	0.59	3.6 U	0.00078
2,3,7,8-Tetrachlorodibenzofuran	**8290**	1.6 U	0.84 U	3.7 U	2.2 U	1 U	1.4 U	1.4 U
Octachlorodibenzofuran	**8290**	1.5 U	0.62 U	2.3 U	1.4 U	4.4 U	0.98 U	1.1 U
Octachlorodibenzo-p-dioxin	**8290**	2.3 U	1.1 J	7.4 U	4 U	31 U	2.1 U	2.6 J

TABLE 20
DIOXINS AND FURANS ANALYTICAL RESULTS, 2012
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		HAR-01	HAR-01	HAR-01	HAR-07	HAR-07	HAR-07
SampleType:		Primary	Field Duplicate	Split	Primary	Field Duplicate	Primary
Sample Name:		HAR-01_080312_01	HAR-01_080312_36	HAR-01_080312_03	HAR-07_013112_01	HAR-07_013112_36	HAR-07_072612_01
Groundwater Unit:		Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth
Lab Name:		TA- Denver	TA- Denver	TA- Irvine	TA- Denver	TA- Denver	TA- Denver
Collection Date:		8/3/2012	8/3/2012	8/3/2012	1/31/2012	1/31/2012	7/26/2012
Analyte (pg/L)	**Method**						
1,2,3,4,6,7,8-Heptachlorodibenzofuran	**8290**	0.78 U	0.68 U	2 U	1.1 U	0.61 U	0.58 U
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	**8290**	2.1 U	1.8 U	0.81 U	1.5 U	0.96 U	0.89 U
1,2,3,4,7,8,9-Heptachlorodibenzofuran	**8290**	1.4 U	1.4 U	1.6 U	1.3 U	1 U	0.85 U
1,2,3,4,7,8-Hexachlorodibenzofuran	**8290**	0.51 U	0.55 U	2.6 U	0.59 U	0.52 U	0.34 U
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	**8290**	1 U	0.93 U	1.5 U	0.85 U	0.88 U	0.66 U
1,2,3,6,7,8-Hexachlorodibenzofuran	**8290**	0.49 U	0.55 U	0.99 U	0.56 U	0.53 U	0.38 U
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	**8290**	1.1 U	0.93 U	1.3 U	0.9 U	0.9 U	0.78 U
1,2,3,7,8,9-Hexachlorodibenzofuran	**8290**	0.76 U	0.98 U	1.2 U	0.87 U	0.74 U	0.45 U
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	**8290**	0.99 U	0.86 U	1.1 U	1.4 J	0.83 U	0.67 U
1,2,3,7,8-Pentachlorodibenzofuran	**8290**	0.77 U	0.88 U	3 U	1.1 U	0.98 U	0.75 U
1,2,3,7,8-Pentachlorodibenzo-p-dioxin	**8290**	1.1 U	1.1 U	2.7 U	1.2 U	1.1 U	1 U
2,3,4,6,7,8-Hexachlorodibenzofuran	**8290**	0.55 U	0.63 U	1.1 U	0.65 U	0.57 U	0.34 U
2,3,4,7,8-Pentachlorodibenzofuran	**8290**	0.77 U	0.87 U	3.1 U	0.85 U	0.82 U	0.7 U
2,3,7,8-TCDD	**8290**	2.1 U	2.9 U	1.4 U	2.5 U	2.5 U	2.7 U
2,3,7,8-TCDD TEQ	**8290**	4.2 U	5.1 U	0.00108	0.14	4.6 U	4.5 U
2,3,7,8-Tetrachlorodibenzofuran	**8290**	1.5 U	1.9 U	2.7 U	1.7 U	1.6 U	1.5 U
Octachlorodibenzofuran	**8290**	2.4 U	2.7 U	2.9 U	3.2 U	1.8 U	0.93 U
Octachlorodibenzo-p-dioxin	**8290**	3.3 U	2.3 U	3.6 J	12 U	6 U	1 U

TABLE 20
DIOXINS AND FURANS ANALYTICAL RESULTS, 2012
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		HAR-07	HAR-07	HAR-08	HAR-09	HAR-09	HAR-09
SampleType:		Field Duplicate	Split	Primary	Primary	Split	Primary
Sample Name:		HAR-07_072612_36	HAR-07_072612_03	HAR-08_012712_01	HAR-09_012512_01	HAR-09_012512_03	HAR-09_071612_01
Groundwater Unit:		Chatsworth	Chatsworth	Chatsworth	Shallow	Shallow	Shallow
Lab Name:		TA- Denver	TA- Irvine	TA- Denver	TA- Denver	TA- Irvine	TA- Denver
Collection Date:		7/26/2012	7/26/2012	1/27/2012	1/25/2012	1/25/2012	7/16/2012
Analyte (pg/L)	**Method**						
1,2,3,4,6,7,8-Heptachlorodibenzofuran	**8290**	0.57 U	0.73 U	0.39 U	0.79 U	2.2 U	0.71 U
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	**8290**	0.71 U	0.74 U	0.75 U	1 U	2.9 U	1.1 U
1,2,3,4,7,8,9-Heptachlorodibenzofuran	**8290**	0.79 U	0.6 U	0.65 U	1.5 U	2.9 U	1.1 U
1,2,3,4,7,8-Hexachlorodibenzofuran	**8290**	0.38 U	0.71 U	0.31 U	0.6 U	1.3 J	0.49 U
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	**8290**	0.79 U	0.69 U	0.63 U	1.1 U	1.2 U	0.83 U
1,2,3,6,7,8-Hexachlorodibenzofuran	**8290**	0.39 U	0.59 U	0.3 U	0.59 U	1.2 U	0.47 U
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	**8290**	0.9 U	0.57 U	0.68 U	1.1 U	1.2 U	1 U
1,2,3,7,8,9-Hexachlorodibenzofuran	**8290**	0.41 U	0.71 U	0.42 U	0.81 U	1.4 U	0.6 U
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	**8290**	0.79 U	0.52 U	0.61 U	1 U	1.8 U	0.84 U
1,2,3,7,8-Pentachlorodibenzofuran	**8290**	0.67 U	1.6 U	0.79 U	1.5 U	3.7 U	0.91 U
1,2,3,7,8-Pentachlorodibenzo-p-dioxin	**8290**	0.95 U	1.1 U	0.81 U	1.5 U	2.6 U	1 U
2,3,4,6,7,8-Hexachlorodibenzofuran	**8290**	0.38 U	0.65 U	0.35 U	0.66 U	1.2 U	0.51 U
2,3,4,7,8-Pentachlorodibenzofuran	**8290**	0.67 U	1.6 U	0.51 U	1.1 U	3.9 U	0.85 U
2,3,7,8-TCDD	**8290**	2.4 U	0.53 U	1.6 U	3.4 U	1.2 U	2.7 U
2,3,7,8-TCDD TEQ	**8290**	4.1 U	2.7 U	3 U	6.1 U	0.13	4.6 U
2,3,7,8-Tetrachlorodibenzofuran	**8290**	1.5 U	0.79 U	1.1 U	2.3 U	2.9 U	1.5 U
Octachlorodibenzofuran	**8290**	0.99 U	0.81 U	0.81 U	1.2 U	4.7 U	1.5 U
Octachlorodibenzo-p-dioxin	**8290**	0.72 U	2.3 U	1.7 U	1.1 U	25 U	1.5 U

TABLE 20
DIOXINS AND FURANS ANALYTICAL RESULTS, 2012
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		HAR-09	HAR-09	HAR-11	HAR-12	HAR-14	HAR-15
SampleType:		Field Duplicate	Split	Primary	Primary	Primary	Primary
Sample Name:		HAR-09_071612_36	HAR-09_071612_03	HAR-11_020712_01	HAR-12_020912_01	HAR-14_020912_01	HAR-15_012412_01
Groundwater Unit:		Shallow	Shallow	Shallow	Shallow	Shallow	Shallow
Lab Name:		TA- Denver	TA- Irvine	TA- Denver	TA- Denver	TA- Denver	TA- Denver
Collection Date:		7/16/2012	7/16/2012	2/7/2012	2/9/2012	2/9/2012	1/24/2012
Analyte (pg/L)	**Method**						
1,2,3,4,6,7,8-Heptachlorodibenzofuran	**8290**	0.63 U	1.3 U	0.68 U	0.68 U	0.59 U	1 U
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	**8290**	0.89 U	1.4 U	1.2 U	1.3 U	1.4 U	1.4 U
1,2,3,4,7,8,9-Heptachlorodibenzofuran	**8290**	0.89 U	0.52 U	1.2 U	1.1 U	0.94 U	2 U
1,2,3,4,7,8-Hexachlorodibenzofuran	**8290**	0.46 U	0.98 J	0.43 U	0.42 U	0.5 U	0.57 U
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	**8290**	0.8 U	0.52 U	0.86 U	0.93 U	0.82 U	1.3 U
1,2,3,6,7,8-Hexachlorodibenzofuran	**8290**	0.44 U	0.52 U	0.43 U	0.46 U	0.54 U	0.56 U
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	**8290**	0.9 U	0.52 U	0.86 U	0.97 U	0.81 U	1.3 U
1,2,3,7,8,9-Hexachlorodibenzofuran	**8290**	0.52 U	0.67 U	0.67 U	0.63 U	0.7 U	0.94 U
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	**8290**	0.78 U	0.61 U	0.81 U	0.89 U	0.76 U	1.2 U
1,2,3,7,8-Pentachlorodibenzofuran	**8290**	0.73 U	0.67 U	0.99 U	0.91 U	0.85 U	1.4 U
1,2,3,7,8-Pentachlorodibenzo-p-dioxin	**8290**	1.1 U	1.3 U	1.2 U	1.2 U	1.2 U	1.3 U
2,3,4,6,7,8-Hexachlorodibenzofuran	**8290**	0.47 U	0.67 U	0.44 U	0.48 U	0.55 U	0.72 U
2,3,4,7,8-Pentachlorodibenzofuran	**8290**	0.67 U	0.67 U	0.91 U	0.88 U	0.83 U	0.99 U
2,3,7,8-TCDD	**8290**	2.6 U	0.64 U	2.7 U	3 U	2.5 U	3.9 U
2,3,7,8-TCDD TEQ	**8290**	4.5 U	0.09848	4.8 U	5.2 U	4.6 U	6.5 U
2,3,7,8-Tetrachlorodibenzofuran	**8290**	1.6 U	0.67 U	1.6 U	1.6 U	1.7 U	2.3 U
Octachlorodibenzofuran	**8290**	1.5 U	1.6 J	1.1 U	1.3 U	1.7 U	1.6 U
Octachlorodibenzo-p-dioxin	**8290**	1.2 U	3.3 U	1.2 U	1.1 U	1.4 U	2.6 U

TABLE 20
DIOXINS AND FURANS ANALYTICAL RESULTS, 2012
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		HAR-16	HAR-19	HAR-19	HAR-20	HAR-21	HAR-26
SampleType:		Primary	Primary	Field Duplicate	Primary	Primary	Primary
Sample Name:		HAR-16_012312_01	HAR-19_020112_01	HAR-19_020112_36	HAR-20_012312_01	HAR-21_012512_01	HAR-26_020912_01
Groundwater Unit:		Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth
Lab Name:		TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
Collection Date:		1/23/2012	2/1/2012	2/1/2012	1/23/2012	1/25/2012	2/9/2012
Analyte (pg/L)	**Method**						
1,2,3,4,6,7,8-Heptachlorodibenzofuran	**8290**	1.1 U	0.47 U	0.43 U	0.88 U	1 U	0.66 U
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	**8290**	1.8 U	0.64 U	0.67 U	1.3 U	1.2 U	0.97 U
1,2,3,4,7,8,9-Heptachlorodibenzofuran	**8290**	1.9 U	0.81 U	0.68 U	1.5 U	1.8 U	1.1 U
1,2,3,4,7,8-Hexachlorodibenzofuran	**8290**	0.7 U	0.3 U	0.35 U	0.7 U	0.49 U	0.5 U
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	**8290**	1.6 U	0.61 U	0.64 U	1.1 U	1.1 U	0.91 U
1,2,3,6,7,8-Hexachlorodibenzofuran	**8290**	0.71 U	0.31 U	0.33 U	0.64 U	0.51 U	0.49 U
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	**8290**	1.7 U	0.64 U	0.65 U	1.3 U	1.1 U	0.88 U
1,2,3,7,8,9-Hexachlorodibenzofuran	**8290**	1.3 U	0.42 U	0.47 U	1.2 U	0.81 U	0.72 U
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	**8290**	1.5 U	0.59 U	0.61 U	1.1 U	1 U	0.84 U
1,2,3,7,8-Pentachlorodibenzofuran	**8290**	1.8 U	0.69 U	0.68 U	1.5 U	1.4 U	0.92 U
1,2,3,7,8-Pentachlorodibenzo-p-dioxin	**8290**	2.2 U	0.73 U	0.83 U	1.5 U	1.3 U	1.4 U
2,3,4,6,7,8-Hexachlorodibenzofuran	**8290**	0.8 U	0.34 U	0.37 U	0.76 U	0.6 U	0.52 U
2,3,4,7,8-Pentachlorodibenzofuran	**8290**	1.4 U	0.57 U	0.57 U	1 U	0.99 U	0.84 U
2,3,7,8-TCDD	**8290**	4.3 U	1.6 U	2 U	3.7 U	3.1 U	2.7 U
2,3,7,8-TCDD TEQ	**8290**	8 U	3 U	3.5 U	6.5 U	5.5 U	5.1 U
2,3,7,8-Tetrachlorodibenzofuran	**8290**	3.1 U	1.2 U	1.2 U	2.7 U	2 U	1.6 U
Octachlorodibenzofuran	**8290**	1.9 U	0.93 U	0.86 U	1.4 U	1.8 U	1.4 U
Octachlorodibenzo-p-dioxin	**8290**	1.6 U	3.2 U	1.8 U	1.1 U	1.6 U	1.2 U

TABLE 20
DIOXINS AND FURANS ANALYTICAL RESULTS, 2012
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		HAR-27	HAR-28	HAR-29	HAR-30	HAR-33	PZ-060
SampleType:		Primary	Primary	Primary	Primary	Primary	Primary
Sample Name:		HAR-27_012712_01	HAR-28_012712_01	HAR-29_012712_01	HAR-30_020712_01	HAR-33_021512_01	PZ-060_011312_01
Groundwater Unit:		Shallow	Shallow	Shallow	Shallow	Shallow	Shallow
Lab Name:		TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
Collection Date:		1/27/2012	1/27/2012	1/27/2012	2/7/2012	2/15/2012	1/13/2012
Analyte (pg/L)	**Method**						
1,2,3,4,6,7,8-Heptachlorodibenzofuran	**8290**	0.49 U	1.3 U	0.57 U	0.45 U	0.87 U	0.79 U
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	**8290**	0.84 U	1.8 U	0.93 U	0.74 U	1.7 U	1.2 U
1,2,3,4,7,8,9-Heptachlorodibenzofuran	**8290**	0.79 U	1.8 U	0.84 U	0.72 U	1.2 U	1.2 U
1,2,3,4,7,8-Hexachlorodibenzofuran	**8290**	0.35 U	1 U	0.48 U	0.35 U	0.64 U	0.68 U
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	**8290**	0.64 U	1.9 U	0.61 U	0.67 U	1.3 U	0.79 U
1,2,3,6,7,8-Hexachlorodibenzofuran	**8290**	0.37 U	1.1 U	0.47 U	0.35 U	0.66 U	0.64 U
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	**8290**	0.63 U	1.9 U	0.64 U	0.66 U	1.3 U	0.88 U
1,2,3,7,8,9-Hexachlorodibenzofuran	**8290**	0.47 U	1.3 U	0.64 U	0.49 U	0.81 U	0.83 U
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	**8290**	0.6 U	1.8 U	0.59 U	0.62 U	1.2 U	0.78 U
1,2,3,7,8-Pentachlorodibenzofuran	**8290**	0.84 U	2.2 U	1.1 U	0.64 U	0.95 U	0.97 U
1,2,3,7,8-Pentachlorodibenzo-p-dioxin	**8290**	0.86 U	2.4 U	1.1 U	0.94 U	1.5 U	0.95 U
2,3,4,6,7,8-Hexachlorodibenzofuran	**8290**	0.38 U	0.96 U	0.52 U	0.36 U	0.77 U	0.69 U
2,3,4,7,8-Pentachlorodibenzofuran	**8290**	0.56 U	2 U	0.68 U	0.63 U	1.2 U	0.63 U
2,3,7,8-TCDD	**8290**	1.8 U	5.8 U	2.2 U	1.8 U	2.9 U	1.8 U
2,3,7,8-TCDD TEQ	**8290**	3.3 U	10 U	4.1 U	3.4 U	5.7 U	3.7 U
2,3,7,8-Tetrachlorodibenzofuran	**8290**	1.3 U	3.7 U	1.4 U	1.2 U	1.9 U	1.3 U
Octachlorodibenzofuran	**8290**	0.82 U	2.5 U	0.8 U	0.99 U	1.7 U	1.3 U
Octachlorodibenzo-p-dioxin	**8290**	3 U	6.8 U	1.3 U	0.75 U	1.6 U	0.99 U

TABLE 20
DIOXINS AND FURANS ANALYTICAL RESULTS, 2012
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		PZ-076	PZ-139	PZ-139	PZ-139	PZ-140	PZ-140
SampleType:		Primary	Primary	Primary	Split	Primary	Split
Sample Name:		PZ-076_020112_01	PZ-139_013012_01A	PZ-139_071812_01A	PZ-139_071812_03A	PZ-140_013012_01	PZ-140_013012_03
Groundwater Unit:		Shallow	Shallow	Shallow	Shallow	Shallow	Shallow
Lab Name:		TA- Denver	TA- Denver	TA- Denver	TA- Irvine	TA- Denver	TA- Irvine
Collection Date:		2/1/2012	1/30/2012	7/18/2012	7/18/2012	1/30/2012	1/30/2012
Analyte (pg/L)	**Method**						
1,2,3,4,6,7,8-Heptachlorodibenzofuran	**8290**	0.59 U	0.74 U	1.1 U	0.34 U	0.93 U	0.81 U
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	**8290**	0.92 U	1.4 U	2.1 U	0.44 U	1.3 U	0.38 U
1,2,3,4,7,8,9-Heptachlorodibenzofuran	**8290**	1 U	1.1 U	1.7 U	0.29 U	1.6 U	0.57 U
1,2,3,4,7,8-Hexachlorodibenzofuran	**8290**	0.42 U	0.6 U	0.82 U	0.34 U	0.57 U	0.98 U
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	**8290**	0.73 U	0.92 U	1.5 U	0.29 U	1.3 U	0.32 U
1,2,3,6,7,8-Hexachlorodibenzofuran	**8290**	0.4 U	0.6 U	0.83 U	0.29 U	0.58 U	0.2 U
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	**8290**	0.72 U	0.93 U	1.5 U	0.29 U	1.3 U	0.22 U
1,2,3,7,8,9-Hexachlorodibenzofuran	**8290**	0.6 U	0.75 U	1.1 U	0.34 U	0.85 U	0.17 U
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	**8290**	0.68 U	0.87 U	1.4 U	0.15 J	1.2 U	0.23 U
1,2,3,7,8-Pentachlorodibenzofuran	**8290**	0.96 U	1.4 U	1.5 U	0.34 U	1.8 U	0.31 U
1,2,3,7,8-Pentachlorodibenzo-p-dioxin	**8290**	1 U	1.5 U	2 U	1 U	1.5 U	0.42 U
2,3,4,6,7,8-Hexachlorodibenzofuran	**8290**	0.46 U	0.6 U	0.9 U	0.34 U	0.63 U	0.14 U
2,3,4,7,8-Pentachlorodibenzofuran	**8290**	0.81 U	0.98 U	1.4 U	0.34 U	1 U	0.33 U
2,3,7,8-TCDD	**8290**	2.4 U	2.9 U	3.7 U	0.42 U	3.1 U	0.34 U
2,3,7,8-TCDD TEQ	**8290**	4.3 U	5.5 U	7.3 U	0.015	5.8 U	1.14 U
2,3,7,8-Tetrachlorodibenzofuran	**8290**	1.6 U	2 U	2.5 U	0.34 U	2 U	0.26 U
Octachlorodibenzofuran	**8290**	1.1 U	1.3 U	1.6 U	0.34 U	1.6 U	1.7 U
Octachlorodibenzo-p-dioxin	**8290**	0.89 U	5.6 U	3 U	2.4 U	1.4 U	2.9 U

TABLE 20
DIOXINS AND FURANS ANALYTICAL RESULTS, 2012
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		PZ-140	PZ-140	PZ-141	PZ-141	PZ-141	PZ-158	PZ-159
SampleType:		Primary	Field Duplicate	Primary	Field Duplicate	Primary	Primary	Primary
Sample Name:		PZ-140_071912_01	PZ-140_071912_36	PZ-141_011212_01	PZ-141_011212_36	PZ-141_071912_01A	PZ-158_012012_01A	PZ-159_020712_01
Groundwater Unit:		Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow
Lab Name:		TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
Collection Date:		7/19/2012	7/19/2012	1/12/2012	1/12/2012	7/19/2012	1/20/2012	2/7/2012
Analyte (pg/L)	**Method**							
1,2,3,4,6,7,8-Heptachlorodibenzofuran	**8290**	1.1 U	1 U	1.3 U	1.1 U	1.2 U	0.68 U	0.69 U
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	**8290**	1.8 U	1.7 U	2.3 U	2.9 U	1.9 U	1.1 U	1.1 U
1,2,3,4,7,8,9-Heptachlorodibenzofuran	**8290**	1.7 U	1.7 U	1.8 U	1.7 U	1.8 U	1.2 U	1.1 U
1,2,3,4,7,8-Hexachlorodibenzofuran	**8290**	0.84 U	0.72 U	1.2 U	1 U	0.84 U	0.5 U	0.54 U
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	**8290**	1.3 U	1.7 U	2.1 U	1.7 U	1.7 U	0.89 U	0.91 U
1,2,3,6,7,8-Hexachlorodibenzofuran	**8290**	0.82 U	0.78 U	1.2 U	1 U	0.88 U	0.51 U	0.52 U
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	**8290**	1.4 U	1.7 U	2.2 U	1.9 U	1.6 U	0.9 U	0.88 U
1,2,3,7,8,9-Hexachlorodibenzofuran	**8290**	1.6 U	1 U	1.2 U	0.92 U	1.1 U	0.89 U	0.8 U
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	**8290**	1.3 U	1.6 U	2 U	1.7 U	1.5 U	0.84 U	0.84 U
1,2,3,7,8-Pentachlorodibenzofuran	**8290**	1.3 U	1.2 U	0.97 U	0.96 U	1.5 U	1.2 U	0.91 U
1,2,3,7,8-Pentachlorodibenzo-p-dioxin	**8290**	1.4 U	1.8 U	1.5 U	1.2 U	2 U	1.4 U	1.3 U
2,3,4,6,7,8-Hexachlorodibenzofuran	**8290**	0.98 U	0.91 U	1.3 U	1.2 U	0.97 U	0.55 U	0.55 U
2,3,4,7,8-Pentachlorodibenzofuran	**8290**	1.3 U	1.1 U	1.2 U	1.1 U	1.4 U	0.85 U	0.86 U
2,3,7,8-TCDD	**8290**	3.6 U	3.3 U	3.1 U	3.5 U	3.7 U	2.7 U	2.5 U
2,3,7,8-TCDD TEQ	**8290**	6.5 U	6.6 U	6.4 U	6.3 U	0.00063	5.1 U	4.8 U
2,3,7,8-Tetrachlorodibenzofuran	**8290**	2.5 U	2.4 U	2.4 U	2.7 U	2.8 U	2 U	1.6 U
Octachlorodibenzofuran	**8290**	1.6 U	1.9 U	2.6 U	2.2 U	1.6 U	1.4 U	1.4 U
Octachlorodibenzo-p-dioxin	**8290**	1.5 U	4.3 U	17 U	4.3 U	2.1 J	1 U	1.3 U

TABLE 20
DIOXINS AND FURANS ANALYTICAL RESULTS, 2012
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		PZ-159	RD-03	RD-08	RD-11	RD-12	RD-46B	RD-48B
SampleType:		Primary	Primary	Primary	Primary	Primary	Primary	Primary
Sample Name:		PZ-159_072512_01A	RD-03_011312_01	RD-08_020912_01	RD-11_012612_01	RD-12_012612_01	RD-46B_020112_01	RD-48B_012612_01
Groundwater Unit:		Shallow	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth
Lab Name:		TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
Collection Date:		7/25/2012	1/13/2012	2/9/2012	1/26/2012	1/26/2012	2/1/2012	1/26/2012
Analyte (pg/L)	**Method**							
1,2,3,4,6,7,8-Heptachlorodibenzofuran	**8290**	0.58 U	0.73 U	0.71 U	1.1 U	0.8 U	0.62 U	0.81 U
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	**8290**	0.93 U	1.1 U	1.2 U	1.3 U	1 U	0.98 U	1.1 U
1,2,3,4,7,8,9-Heptachlorodibenzofuran	**8290**	0.72 U	1 U	1.1 U	1.8 U	1.3 U	1.1 U	1.4 U
1,2,3,4,7,8-Hexachlorodibenzofuran	**8290**	0.41 U	0.51 U	0.53 U	0.76 U	0.62 U	0.42 U	0.54 U
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	**8290**	0.68 U	0.79 U	0.96 U	1.2 U	1.1 U	0.64 U	0.9 U
1,2,3,6,7,8-Hexachlorodibenzofuran	**8290**	0.38 U	0.54 U	0.55 U	0.78 U	0.61 U	0.43 U	0.56 U
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	**8290**	0.71 U	0.91 U	1 U	1.3 U	1.1 U	0.69 U	0.98 U
1,2,3,7,8,9-Hexachlorodibenzofuran	**8290**	0.45 U	0.59 U	0.75 U	1.1 U	0.93 U	0.6 U	0.73 U
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	**8290**	0.65 U	0.79 U	0.94 U	1.2 U	1.1 U	0.63 U	0.88 U
1,2,3,7,8-Pentachlorodibenzofuran	**8290**	0.68 U	0.75 U	0.85 U	1.4 U	1.4 U	0.83 U	1.2 U
1,2,3,7,8-Pentachlorodibenzo-p-dioxin	**8290**	0.9 U	1.1 U	1.2 U	1.6 U	1.5 U	1.1 U	1.4 U
2,3,4,6,7,8-Hexachlorodibenzofuran	**8290**	0.44 U	0.57 U	0.62 U	0.83 U	0.67 U	0.45 U	0.59 U
2,3,4,7,8-Pentachlorodibenzofuran	**8290**	0.62 U	0.72 U	0.85 U	1 U	1 U	0.68 U	0.89 U
2,3,7,8-TCDD	**8290**	2.1 U	2.3 U	2.2 U	3.8 U	3.2 U	2.1 U	2.8 U
2,3,7,8-TCDD TEQ	**8290**	3.7 U	4.3 U	4.4 U	6.7 U	5.9 U	4 U	5.2 U
2,3,7,8-Tetrachlorodibenzofuran	**8290**	1.1 U	1.5 U	1.4 U	2.4 U	2.2 U	1.4 U	1.9 U
Octachlorodibenzofuran	**8290**	0.87 U	1.3 U	1.6 U	1.8 U	1.2 U	0.93 U	1.2 U
Octachlorodibenzo-p-dioxin	**8290**	12 U	1.2 U	1.3 U	1.5 U	0.97 U	0.88 U	2 U

TABLE 20
DIOXINS AND FURANS ANALYTICAL RESULTS, 2012
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		RD-48C	RD-49C	RD-58A	RD-58A	RD-58A	RD-61	RD-62
SampleType:		Primary	Primary	Primary	Primary	Field Duplicate	Primary	Primary
Sample Name:		RD-48C_012612_01	RD-49C_021312_01	RD-58A_012412_01	RD-58A_071812_01	RD-58A_071812_36	RD-61_020212_01	RD-62_012612_01
Groundwater Unit:		Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth
Lab Name:		TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
Collection Date:		1/26/2012	2/13/2012	1/24/2012	7/18/2012	7/18/2012	2/2/2012	1/26/2012
Analyte (pg/L)	**Method**							
1,2,3,4,6,7,8-Heptachlorodibenzofuran	**8290**	0.89 U	1.2 U	1.1 U	1.8 U	2.1 U	0.53 U	0.94 U
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	**8290**	1.2 U	2 U	1.3 U	3 U	3.7 U	0.85 U	1.2 U
1,2,3,4,7,8,9-Heptachlorodibenzofuran	**8290**	1.4 U	1.6 U	1.7 U	2.9 U	3.1 U	0.95 U	1.6 U
1,2,3,4,7,8-Hexachlorodibenzofuran	**8290**	0.52 U	0.79 U	0.61 U	1.4 U	1.7 U	0.33 U	0.64 U
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	**8290**	0.8 U	1.4 U	1.1 U	2.4 U	3 U	0.6 U	1.3 U
1,2,3,6,7,8-Hexachlorodibenzofuran	**8290**	0.55 U	0.81 U	0.66 U	1.5 U	1.6 U	0.34 U	0.64 U
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	**8290**	0.87 U	1.4 U	1.2 U	2.4 U	3 U	0.6 U	1.2 U
1,2,3,7,8,9-Hexachlorodibenzofuran	**8290**	0.69 U	0.99 U	1 U	1.8 U	2.1 U	0.52 U	0.9 U
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	**8290**	0.78 U	1.3 U	1.1 U	2.3 U	2.8 U	0.57 U	1.2 U
1,2,3,7,8-Pentachlorodibenzofuran	**8290**	1.2 U	1.1 U	1.9 U	2.2 U	2.9 U	0.81 U	1.1 U
1,2,3,7,8-Pentachlorodibenzo-p-dioxin	**8290**	1.2 U	1.4 U	1.6 U	2.8 U	3.9 U	1 U	1.4 U
2,3,4,6,7,8-Hexachlorodibenzofuran	**8290**	0.59 U	0.95 U	0.76 U	1.5 U	1.8 U	0.37 U	0.69 U
2,3,4,7,8-Pentachlorodibenzofuran	**8290**	0.87 U	1.2 U	1.5 U	2.1 U	2.8 U	0.69 U	0.89 U
2,3,7,8-TCDD	**8290**	2.8 U	3.3 U	4 U	5.8 U	7.6 U	1.9 U	3.3 U
2,3,7,8-TCDD TEQ	**8290**	5 U	6.1 U	7.1 U	11 U	0.00183	0.00072	5.9 U
2,3,7,8-Tetrachlorodibenzofuran	**8290**	1.8 U	2.1 U	3.2 U	3.5 U	4.6 U	1.1 U	2.5 U
Octachlorodibenzofuran	**8290**	0.96 U	2.1 U	2.1 U	3.4 U	3.6 U	1.1 U	1.5 U
Octachlorodibenzo-p-dioxin	**8290**	0.87 U	1.6 UJ	1.8 U	4 U	6.1 J	2.4 J	1.5 U

TABLE 20
DIOXINS AND FURANS ANALYTICAL RESULTS, 2012
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		RD-100	RD-100	RD-104	RS-33	RS-34	RS-34	RS-34
SampleType:		Primary	Primary	Primary	Primary	Primary	Primary	Field Duplicate
Sample Name:		RD-100_011312_01	RD-100_072012_01A	RD-104_020112_01A	RS-33_013112_01	RS-34_020712_01	RS-34_072412_01	RS-34_072412_36
Groundwater Unit:		Chatsworth	Chatsworth	Chatsworth	Shallow	Shallow	Shallow	Shallow
Lab Name:		TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
Collection Date:		1/13/2012	7/20/2012	2/1/2012	1/31/2012	2/7/2012	7/24/2012	7/24/2012
Analyte (pg/L)	**Method**							
1,2,3,4,6,7,8-Heptachlorodibenzofuran	**8290**	0.88 U	0.88 U	0.53 U	0.72 U	0.66 U	0.93 U	0.95 U
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	**8290**	1.4 U	1.2 U	0.9 U	1 U	3.7 J	1.5 U	1.4 U
1,2,3,4,7,8,9-Heptachlorodibenzofuran	**8290**	1.4 U	1.3 U	0.95 U	1.2 U	1.1 U	1.5 U	1.3 U
1,2,3,4,7,8-Hexachlorodibenzofuran	**8290**	0.57 U	0.58 U	0.44 U	0.56 U	0.39 U	0.83 U	0.59 U
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	**8290**	0.95 U	1.1 U	0.73 U	1 U	0.87 U	1.3 U	1.3 U
1,2,3,6,7,8-Hexachlorodibenzofuran	**8290**	0.57 U	0.62 U	0.44 U	0.56 U	0.43 U	0.83 U	0.59 U
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	**8290**	1 U	1.1 U	0.82 U	1 U	0.87 U	1.4 U	1.3 U
1,2,3,7,8,9-Hexachlorodibenzofuran	**8290**	0.67 U	0.79 U	0.67 U	0.88 U	0.58 U	0.94 U	0.7 U
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	**8290**	0.92 U	1 U	0.72 U	0.94 U	0.82 U	1.3 U	1.2 U
1,2,3,7,8-Pentachlorodibenzofuran	**8290**	1 U	1 U	0.92 U	1.2 U	0.8 U	1.2 U	1.3 U
1,2,3,7,8-Pentachlorodibenzo-p-dioxin	**8290**	1.2 U	1.6 U	1.2 U	1.5 U	1.1 U	1.7 U	1.4 U
2,3,4,6,7,8-Hexachlorodibenzofuran	**8290**	0.62 U	0.63 U	0.46 U	0.6 U	0.41 U	0.8 U	0.63 U
2,3,4,7,8-Pentachlorodibenzofuran	**8290**	0.79 U	0.96 U	0.8 U	0.92 U	0.74 U	1.1 U	1.2 U
2,3,7,8-TCDD	**8290**	2.2 U	3.1 U	2.5 U	2.9 U	2.5 U	3.2 U	3.2 U
2,3,7,8-TCDD TEQ	**8290**	4.4 U	5.9 U	4.6 U	5.5 U	0.05047	6.3 U	5.9 U
2,3,7,8-Tetrachlorodibenzofuran	**8290**	1.6 U	2.2 U	1.5 U	1.8 U	1.4 U	2.1 U	1.9 U
Octachlorodibenzofuran	**8290**	1.5 U	1.2 U	1.1 U	1.4 U	4.9 J	3.4 U	1.9 U
Octachlorodibenzo-p-dioxin	**8290**	2.3 U	1.1 U	0.9 U	4.8 U	40 J	5.5 U	2.9 U

TABLE 20
DIOXINS AND FURANS ANALYTICAL RESULTS, 2012
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		RS-34	WS-09A	WS-09A
SampleType:		Split	Primary	Primary
Sample Name:		RS-34_072412_03	WS-09A_022912_01	WS-09A_072012_01
Groundwater Unit:		Shallow	Chatsworth	Chatsworth
Lab Name:		TA- Irvine	TA- Denver	TA- Denver
Collection Date:		7/24/2012	2/29/2012	7/20/2012
Analyte (pg/L)	**Method**			
1,2,3,4,6,7,8-Heptachlorodibenzofuran	**8290**	0.63 U	1.7 U	0.83 U
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	**8290**	1.4 U	3.3 U	1.3 U
1,2,3,4,7,8,9-Heptachlorodibenzofuran	**8290**	0.94 U	2.5 U	1.3 U
1,2,3,4,7,8-Hexachlorodibenzofuran	**8290**	0.89 U	1.2 U	0.6 U
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	**8290**	0.91 U	2.4 U	1.2 U
1,2,3,6,7,8-Hexachlorodibenzofuran	**8290**	0.74 U	1.2 U	0.57 U
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	**8290**	0.75 U	2.8 U	1.2 U
1,2,3,7,8,9-Hexachlorodibenzofuran	**8290**	0.89 U	1.4 U	0.78 U
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	**8290**	0.67 U	2.4 U	1.1 U
1,2,3,7,8-Pentachlorodibenzofuran	**8290**	2.3 U	1.9 U	1.1 U
1,2,3,7,8-Pentachlorodibenzo-p-dioxin	**8290**	1.6 U	2.9 U	1.5 U
2,3,4,6,7,8-Hexachlorodibenzofuran	**8290**	0.82 U	1.4 U	0.59 U
2,3,4,7,8-Pentachlorodibenzofuran	**8290**	2.4 U	1.9 U	1.1 U
2,3,7,8-TCDD	**8290**	0.62 U	5.4 U	3.3 U
2,3,7,8-TCDD TEQ	**8290**	3.7 U	11 U	6 U
2,3,7,8-Tetrachlorodibenzofuran	**8290**	0.98 U	4 U	2.2 U
Octachlorodibenzofuran	**8290**	1.3 U	3.2 U	1.5 U
Octachlorodibenzo-p-dioxin	**8290**	3.5 U	2.9 U	1.3 U

NOTES AND ABBREVIATIONS

Chatsworth - Chatsworth Formation groundwater unit
Shallow - Near-surface groundwater unit

pg/L - picograms per liter

-- Not available
TA - TestAmerica
J - Result is estimated
U - Not detected above the method detection limit (MDL) or reporting l
UJ - The result is not detected; however, the RL/MDL is estimated

TABLE 21
CHLORINATED PESTICIDES, HERBICIDES, AND POLYCHLORINATED BIPHENYLS ANALYTICAL RESULTS, 2012
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		ES-17	ES-27	HAR-01	HAR-07	HAR-07	HAR-08	HAR-09
SampleType:		Primary	Primary	Primary	Primary	Field Duplicate	Primary	Primary
Sample Name:		ES-17_020312_01	ES-27_020112_01	HAR-01_020812_01	HAR-07_013112_01	HAR-07_013112_36	HAR-08_012712_01	HAR-09_012512_01
Groundwater Unit:		Shallow	Shallow	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Shallow
Lab Name:		TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
Collection Date:		2/3/2012	2/1/2012	2/8/2012	1/31/2012	1/31/2012	1/27/2012	1/25/2012
Analyte (µg/L)	**Method**							
2,4,5-T	**8151A**	0.19 U	0.2 U	0.18 U	0.18 U	0.18 U	0.2 U	0.18 U
2,4-Dichlorophenoxyacetic Acid (2,4-D)	**8151A**	0.21 U	0.22 U	0.2 U	0.2 U	0.2 U	0.22 U	0.2 U
4,4'-DDD	**8081A**	0.0079 U	0.008 U	0.0075 U	0.0073 U	0.0074 U	0.0076 U	0.0073 U
4,4'-DDE	**8081A**	0.0077 U	0.0078 U	0.0073 U	0.0071 U	0.0072 U	0.0074 U	0.0071 U
4,4'-DDT	**8081A**	0.015 U	0.015 U	0.014 U	0.014 U	0.014 U	0.015 U	0.014 U
Aldrin	**8081A**	0.006 U	0.0061 U	0.0057 U	0.0056 U	0.0057 U	0.0058 U	0.0056 U
alpha-BHC	**8081A**	0.0054 U	0.0055 U	0.0052 U	0.005 U	0.0051 U	0.0052 U	0.005 U
Aroclor 1016	**8082**	0.13 U	0.13 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U
Aroclor 1221	**8082**	0.22 U	0.22 U	0.21 U	0.2 U	0.21 U	0.21 U	0.2 U
Aroclor 1232	**8082**	0.17 U	0.17 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U
Aroclor 1242	**8082**	0.11 U	0.11 U	0.1 U	0.098 U	0.1 U	0.1 U	0.099 U
Aroclor 1248	**8082**	0.094 U	0.095 U	0.089 U	0.087 U	0.088 U	0.091 U	0.087 U
Aroclor 1254	**8082**	0.12 U	0.12 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U
Aroclor 1260	**8082**	0.16 U	0.17 U	0.16 U	0.15 U	0.15 U	0.16 U	0.15 U
beta-BHC	**8081A**	0.0089 U	0.0091 U	0.0085 U	0.0082 U	0.0083 U	0.0086 U	0.0083 U
Chlordane	**8081A**	0.14 U	0.15 U	0.14 U	0.13 U	0.13 U	0.14 U	0.13 U
Chlorobenzilate	**8081A**	0.043 U	0.044 U	0.041 U	0.04 U	0.041 U	0.042 U	0.04 U
delta-BHC	**8081A**	0.0059 U	0.006 U	0.0057 U	0.0055 U	0.0056 U	0.0057 U	0.0055 U
Diallate	**8081A**	0.2 U	0.2 U	0.19 U	0.18 U	0.19 U	0.19 U	0.18 U
Dieldrin	**8081A**	0.0065 U	0.0066 U	0.0061 U	0.006 U	0.006 U	0.0062 U	0.006 U
Dimethoate	**8141A**	0.44 U	0.47 U	0.43 U	0.43 U	0.44 U	0.45 U	0.43 U
Dinoseb	**8151A**	0.18 U	0.18 U	0.17 U	0.17 U	0.17 U	0.19 U	0.18 U
Disulfoton	**8141A**	0.32 U	0.33 U	0.31 U	0.31 U	0.32 U	0.33 U	0.31 U
Endosulfan I	**8081A**	0.0059 U	0.006 U	0.0057 U	0.0055 U	0.0056 U	0.0057 U	0.0055 U
Endosulfan II	**8081A**	0.0072 U	0.0073 U	0.0068 U	0.0066 U	0.0067 U	0.0069 U	0.0066 U
Endosulfan sulfate	**8081A**	0.0058 U	0.0059 U	0.0056 U	0.0054 U	0.0055 U	0.0056 U	0.0054 U
Endrin	**8081A**	0.0081 U	0.0082 U	0.0077 U	0.0075 U	0.0076 U	0.0078 U	0.0075 U
Endrinaldehyde	**8081A**	0.009 U	0.0092 U	0.0086 U	0.0083 U	0.0084 U	0.0087 U	0.0084 U
Famphur	**8141A**	0.18 U	0.19 U	0.17 U	0.17 U	0.18 U	0.18 U	0.17 U
gamma-BHC	**8081A**	0.0071 U	0.0072 U	0.0067 U	0.0065 U	0.0066 U	0.0068 U	0.0066 U
Heptachlor	**8081A**	0.0079 U	0.008 U	0.0075 U	0.0073 U	0.0074 U	0.0076 U	0.0073 U
Heptachlorepoxide	**8081A**	0.0077 U	0.0078 U	0.0073 U	0.0071 U	0.0072 U	0.0074 U	0.0071 U
Kepone	**8081A**	0.36 U	0.36 U	0.34 U	0.33 U	0.33 U	0.34 U	0.33 U
Methylparathion	**8141A**	0.14 U	0.15 U	0.13 U	0.13 U	0.14 U	0.14 U	0.13 U
p,p'-Methoxychlor	**8081A**	0.013 U	0.014 U	0.013 U	0.012 U	0.012 U	0.013 U	0.012 U
Parathion	**8141A**	0.14 U	0.15 U	0.14 U	0.14 U	0.14 U	0.15 U	0.14 U
Phorate	**8141A**	0.15 U	0.16 U	0.15 U	0.15 U	0.15 U	0.16 U	0.15 U
Silvex	**8151A**	0.17 U	0.17 U	0.16 U	0.16 U	0.16 U	0.18 U	0.17 U
Tetraethyldithiopyrophosphate	**8141A**	0.16 U	0.17 U	0.16 U	0.16 U	0.17 U	0.17 U	0.16 U
Toxaphene	**8081A**	0.38 U	0.38 U	0.36 U	0.35 U	0.35 U	0.36 U	0.35 U
Zinophos	**8141A**	0.31 U	0.32 U	0.3 U	0.3 U	0.31 U	0.32 U	0.3 U

TABLE 21
CHLORINATED PESTICIDES, HERBICIDES, AND POLYCHLORINATED BIPHENYLS ANALYTICAL RESULTS, 2012
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		HAR-09	HAR-11	HAR-12	HAR-14	HAR-15	HAR-16	HAR-19
SampleType:		Split	Primary	Primary	Primary	Primary	Primary	Primary
Sample Name:		HAR-09_012512_03	HAR-11_020712_01	HAR-12_020912_01	HAR-14_020912_01	HAR-15_012412_01	HAR-16_012312_01	HAR-19_020112_01
Groundwater Unit:		Shallow	Shallow	Shallow	Shallow	Shallow	Chatsworth	Chatsworth
Lab Name:		TA- Irvine	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
Collection Date:		1/25/2012	2/7/2012	2/9/2012	2/9/2012	1/24/2012	1/23/2012	2/1/2012
Analyte (µg/L)	**Method**							
2,4,5-T	**8151A**	0.13 U	0.18 U	0.18 U	0.18 U	0.2 U	0.19 U	0.18 U
2,4-Dichlorophenoxyacetic Acid (2,4-D)	**8151A**	0.21 U	0.2 U	0.2 U	0.2 U	0.22 U	0.21 U	0.2 U
4,4'-DDD	**8081A**	0.19 U	0.0075 U	0.0076 U	0.0073 U	0.0081 U	0.0074 U	0.0078 U
4,4'-DDE	**8081A**	0.19 U	0.0073 U	0.0074 U	0.0071 U	0.0079 U	0.0072 U	0.0076 U
4,4'-DDT	**8081A**	0.19 U	0.014 U	0.015 U	0.014 U	0.015 U	0.014 U	0.015 U
Aldrin	**8081A**	0.19 U	0.0058 U	0.0058 U	0.0056 U	0.0062 U	0.0056 U	0.006 U
alpha-BHC	**8081A**	0.19 U	0.0052 U	0.0052 U	0.005 U	0.0055 U	0.0051 U	0.0054 U
Aroclor 1016	**8082**	0.24 U	0.12 U	0.12 U	0.12 U	0.13 U	0.12 U	0.13 U
Aroclor 1221	**8082**	0.24 U	0.21 U	0.21 U	0.2 U	0.22 U	0.2 U	0.22 U
Aroclor 1232	**8082**	0.24 U	0.16 U	0.16 U	0.16 U	0.17 U	0.16 U	0.17 U
Aroclor 1242	**8082**	0.24 U	0.1 U	0.1 U	0.099 U	0.11 U	0.1 U	0.11 U
Aroclor 1248	**8082**	0.24 U	0.09 U	0.09 U	0.087 U	0.096 U	0.088 U	0.093 U
Aroclor 1254	**8082**	0.24 U	0.11 U	0.11 U	0.11 U	0.12 U	0.11 U	0.12 U
Aroclor 1260	**8082**	0.24 U	0.16 U	0.16 U	0.15 U	0.17 U	0.15 U	0.16 U
beta-BHC	**8081A**	0.29 U	0.0085 U	0.0086 U	0.0083 U	0.0091 U	0.0083 U	0.0088 U
Chlordane	**8081A**	1.9 U	0.14 U	0.14 U	0.13 U	0.15 U	0.13 U	0.14 U
Chlorobenzilate	**8081A**	0.48 U	0.041 U	0.042 U	0.04 U	0.044 U	0.041 U	0.043 U
delta-BHC	**8081A**	0.19 U	0.0057 U	0.0057 U	0.0055 U	0.0061 U	0.0056 U	0.0059 U
Diallate	**8081A**	0.48 U	0.19 U	0.19 U	0.18 U	0.2 U	0.18 U	0.2 U
Dieldrin	**8081A**	0.19 U	0.0061 U	0.0062 U	0.006 U	0.0066 U	0.006 U	0.0064 U
Dimethoate	**8141A**	0.23 U	0.44 U	0.44 UJ	0.43 UJ	0.46 U	0.44 U	0.46 U
Dinoseb	**8151A**	0.19 U	0.17 U	0.17 U	0.17 U	0.19 U	0.18 U	0.17 U
Disulfoton	**8141A**	0.005 U	0.32 U	0.32 UJ	0.31 UJ	0.33 U	0.31 U	0.33 U
Endosulfan I	**8081A**	0.19 U	0.0057 U	0.0057 U	0.0055 U	0.0061 U	0.0056 U	0.0059 U
Endosulfan II	**8081A**	0.19 U	0.0068 U	0.0069 U	0.0066 U	0.0073 U	0.0067 U	0.0071 U
Endosulfan sulfate	**8081A**	0.19 U	0.0056 U	0.0056 U	0.0054 U	0.006 U	0.0055 U	0.0058 U
Endrin	**8081A**	0.19 U	0.0077 U	0.0078 U	0.0075 U	0.0083 U	0.0076 U	0.008 U
Endrinaldehyde	**8081A**	0.19 U	0.0086 U	0.0087 U	0.0084 U	0.0092 U	0.0084 U	0.0089 U
Famphur	**8141A**	--	0.18 U	0.18 UJ	0.17 UJ	0.18 U	0.17 U	0.18 U
gamma-BHC	**8081A**	0.19 U	0.0067 U	0.0068 U	0.0066 U	0.0072 U	0.0066 U	0.007 U
Heptachlor	**8081A**	0.29 U	0.0075 U	0.0076 U	0.0073 U	0.0081 U	0.0074 U	0.0078 U
Heptachlorepoxide	**8081A**	0.29 U	0.0073 U	0.0074 U	0.0071 U	0.0079 U	0.0072 U	0.0076 U
Kepone	**8081A**	0.48 U	0.34 U	0.34 U	0.33 U	0.36 U	0.33 U	0.35 U
Methylparathion	**8141A**	0.006 U	0.14 U	0.14 UJ	0.13 UJ	0.14 U	0.14 U	0.15 U
p,p'-Methoxychlor	**8081A**	0.19 U	0.013 U	0.013 U	0.012 U	0.014 U	0.012 U	0.013 U
Parathion	**8141A**	0.085 U	0.14 U	0.14 UJ	0.14 UJ	0.15 U	0.14 U	0.15 U
Phorate	**8141A**	0.005 U	0.15 U	0.15 UJ	0.15 UJ	0.16 U	0.15 UJ	0.16 U
Silvex	**8151A**	0.11 U	0.16 U	0.16 U	0.16 U	0.18 U	0.17 U	0.16 U
Tetraethyldithiopyrophosphate	**8141A**	--	0.16 U	0.17 UJ	0.16 UJ	0.17 U	0.16 U	0.17 U
Toxaphene	**8081A**	4.8 U	0.36 U	0.36 U	0.35 U	0.38 U	0.35 U	0.37 U
Zinophos	**8141A**	0.06 U	0.31 U	0.31 UJ	0.3 UJ	0.32 U	0.3 U	0.32 U

TABLE 21
CHLORINATED PESTICIDES, HERBICIDES, AND POLYCHLORINATED BIPHENYLS ANALYTICAL RESULTS, 2012
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		HAR-19	HAR-20	HAR-21	HAR-26	HAR-27	HAR-28	HAR-29
SampleType:		Field Duplicate	Primary	Primary	Primary	Primary	Primary	Primary
Sample Name:		HAR-19_020112_36	HAR-20_012312_01	HAR-21_012512_01	HAR-26_020912_01	HAR-27_012712_01	HAR-28_012712_01	HAR-29_012712_01
Groundwater Unit:		Chatsworth	Chatsworth	Chatsworth	Chatsworth	Shallow	Shallow	Shallow
Lab Name:		TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
Collection Date:		2/1/2012	1/23/2012	1/25/2012	2/9/2012	1/27/2012	1/27/2012	1/27/2012
Analyte (µg/L)	**Method**							
2,4,5-T	**8151A**	0.19 U	0.18 UJ	0.18 U	0.18 U	0.19 U	0.19 U	0.19 U
2,4-Dichlorophenoxyacetic Acid (2,4-D)	**8151A**	0.21 U	0.2 UJ	0.2 U	0.2 U	0.21 U	0.21 U	0.21 U
4,4'-DDD	**8081A**	0.0078 U	0.0073 U	0.0076 U	0.0074 U	0.0076 U	0.0077 U	0.008 U
4,4'-DDE	**8081A**	0.0076 U	0.0071 U	0.0074 U	0.0072 U	0.0074 U	0.0075 U	0.0078 U
4,4'-DDT	**8081A**	0.015 U	0.014 U	0.015 U	0.014 U	0.015 U	0.015 U	0.015 U
Aldrin	**8081A**	0.006 U	0.0056 U	0.0058 U	0.0056 U	0.0058 U	0.0059 U	0.0061 U
alpha-BHC	**8081A**	0.0054 U	0.005 U	0.0052 U	0.0051 U	0.0052 U	0.0053 U	0.0055 U
Aroclor 1016	**8082**	0.13 U	0.12 U	0.12 UJ	0.12 U	0.12 U	0.12 U	0.13 U
Aroclor 1221	**8082**	0.22 U	0.2 U	0.2 UJ	0.2 U	0.21 U	0.21 U	0.22 U
Aroclor 1232	**8082**	0.17 U	0.16 U	0.16 UJ	0.16 U	0.16 U	0.16 U	0.17 U
Aroclor 1242	**8082**	0.11 U	0.099 U	0.099 UJ	0.099 U	0.1 U	0.1 U	0.11 U
Aroclor 1248	**8082**	0.093 U	0.087 U	0.087 UJ	0.087 U	0.09 U	0.091 U	0.095 U
Aroclor 1254	**8082**	0.12 U	0.11 U	0.11 UJ	0.11 U	0.11 U	0.11 U	0.12 U
Aroclor 1260	**8082**	0.16 U	0.15 U	0.15 UJ	0.15 U	0.16 U	0.16 U	0.17 U
beta-BHC	**8081A**	0.0088 U	0.0083 U	0.0086 U	0.0083 U	0.0085 U	0.0086 U	0.009 U
Chlordane	**8081A**	0.14 U	0.13 U	0.14 U	0.13 U	0.14 U	0.14 U	0.14 U
Chlorobenzilate	**8081A**	0.043 U	0.04 U	0.042 U	0.041 U	0.042 U	0.042 U	0.044 U
delta-BHC	**8081A**	0.0059 U	0.0055 U	0.0057 U	0.0055 U	0.0057 U	0.0058 U	0.006 U
Diallate	**8081A**	0.2 U	0.18 U	0.19 U	0.18 U	0.19 U	0.19 U	0.2 U
Dieldrin	**8081A**	0.0064 U	0.006 U	0.0062 U	0.006 U	0.0062 U	0.0063 U	0.0065 U
Dimethoate	**8141A**	0.47 U	0.42 U	0.43 U	0.43 UJ	0.44 U	0.45 U	0.47 U
Dinoseb	**8151A**	0.18 U	0.17 UJ	0.17 U	0.17 U	0.18 U	0.18 U	0.18 U
Disulfoton	**8141A**	0.34 U	0.3 U	0.31 U	0.31 UJ	0.31 U	0.32 U	0.33 U
Endosulfan I	**8081A**	0.0059 U	0.0055 U	0.0057 U	0.0055 U	0.0057 U	0.0058 U	0.006 U
Endosulfan II	**8081A**	0.0071 U	0.0067 U	0.0069 U	0.0067 U	0.0069 U	0.007 U	0.0072 U
Endosulfan sulfate	**8081A**	0.0058 U	0.0054 U	0.0056 U	0.0054 U	0.0056 U	0.0057 U	0.0059 U
Endrin	**8081A**	0.008 U	0.0075 U	0.0078 U	0.0075 U	0.0078 U	0.0079 U	0.0082 U
Endrinaldehyde	**8081A**	0.0089 U	0.0084 U	0.0087 U	0.0084 U	0.0086 U	0.0087 U	0.0091 U
Famphur	**8141A**	0.19 U	0.17 U	0.17 U	0.17 UJ	0.17 U	0.18 U	0.19 U
gamma-BHC	**8081A**	0.007 U	0.0066 U	0.0068 U	0.0066 U	0.0068 U	0.0069 U	0.0071 U
Heptachlor	**8081A**	0.0078 U	0.0073 U	0.0076 U	0.0074 U	0.0076 U	0.0077 U	0.008 U
Heptachlorepoxide	**8081A**	0.0076 U	0.0071 U	0.0074 U	0.0072 U	0.0074 U	0.0075 U	0.0078 U
Kepone	**8081A**	0.35 U	0.33 U	0.34 U	0.33 U	0.34 U	0.35 U	0.36 U
Methylparathion	**8141A**	0.15 U	0.13 U	0.13 U	0.14 UJ	0.14 U	0.14 U	0.15 U
p,p'-Methoxychlor	**8081A**	0.013 U	0.012 U	0.013 U	0.012 U	0.013 U	0.013 U	0.013 U
Parathion	**8141A**	0.15 U	0.14 U	0.14 U	0.14 UJ	0.14 U	0.14 U	0.15 U
Phorate	**8141A**	0.16 U	0.15 U	0.15 U	0.15 UJ	0.15 U	0.15 U	0.16 U
Silvex	**8151A**	0.17 U	0.16 UJ	0.16 U	0.16 U	0.17 U	0.17 U	0.17 U
Tetraethyldithiopyrophosphate	**8141A**	0.18 U	0.16 U	0.16 U	0.16 UJ	0.16 U	0.17 U	0.17 U
Toxaphene	**8081A**	0.37 U	0.35 U	0.36 U	0.35 U	0.36 U	0.36 U	0.38 U
Zinophos	**8141A**	0.33 U	0.3 U	0.3 U	0.3 UJ	0.3 U	0.31 U	0.32 U

TABLE 21
CHLORINATED PESTICIDES, HERBICIDES, AND POLYCHLORINATED BIPHENYLS ANALYTICAL RESULTS, 2012
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		HAR-30	HAR-33	PZ-060	PZ-139	PZ-139	PZ-139	PZ-140
SampleType:		Primary	Primary	Primary	Primary	Primary	Split	Primary
Sample Name:		HAR-30_020712_01	HAR-33_021512_01	PZ-060_011312_01	PZ-139_013012_01A	PZ-139_071812_01A	PZ-139_071812_03A	PZ-140_013012_01
Groundwater Unit:		Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow
Lab Name:		TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Irvine	TA- Denver
Collection Date:		2/7/2012	2/15/2012	1/13/2012	1/30/2012	7/18/2012	7/18/2012	1/30/2012
Analyte (µg/L)	**Method**							
2,4,5-T	**8151A**	0.18 U	0.18 U	0.19 U	--	--	--	--
2,4-Dichlorophenoxyacetic Acid (2,4-D)	**8151A**	0.2 U	0.2 U	0.21 U	--	--	--	--
4,4'-DDD	**8081A**	0.0074 U	0.0076 U	0.0074 U	--	--	--	--
4,4'-DDE	**8081A**	0.0072 U	0.0074 U	0.0072 U	--	--	--	--
4,4'-DDT	**8081A**	0.014 U	0.015 U	0.014 U	--	--	--	--
Aldrin	**8081A**	0.0056 U	0.0058 U	0.0056 U	--	--	--	--
alpha-BHC	**8081A**	0.0051 U	0.0052 U	0.0051 U	--	--	--	--
Aroclor 1016	**8082**	0.12 U	0.12 U	0.12 U	0.13 U	0.12 U	0.24 U	0.13 U
Aroclor 1221	**8082**	0.21 U	0.21 U	0.2 U	0.22 U	0.21 U	0.24 U	0.22 U
Aroclor 1232	**8082**	0.16 U	0.16 U	0.16 U	0.17 U	0.16 U	0.24 U	0.17 U
Aroclor 1242	**8082**	0.1 U	0.1 U	0.1 U	0.11 U	0.1 U	0.24 U	0.11 U
Aroclor 1248	**8082**	0.09 U	0.09 U	0.088 U	0.093 U	0.088 U	0.24 U	0.095 U
Aroclor 1254	**8082**	0.11 U	0.11 U	0.11 U	0.12 U	0.11 U	0.24 U	0.12 U
Aroclor 1260	**8082**	0.16 U	0.16 U	0.15 U	0.16 U	0.15 U	0.24 U	0.17 U
beta-BHC	**8081A**	0.0083 U	0.0086 U	0.0083 U	--	--	--	--
Chlordane	**8081A**	0.13 U	0.14 U	0.13 U	--	--	--	--
Chlorobenzilate	**8081A**	0.041 U	0.042 U	0.041 U	--	--	--	--
delta-BHC	**8081A**	0.0056 U	0.0057 U	0.0055 U	--	--	--	--
Diallate	**8081A**	0.18 U	0.19 U	0.18 U	--	--	--	--
Dieldrin	**8081A**	0.006 U	0.0062 U	0.006 U	--	--	--	--
Dimethoate	**8141A**	0.44 U	0.43 U	0.44 U	--	--	--	--
Dinoseb	**8151A**	0.17 U	0.17 U	0.18 U	--	--	--	--
Disulfoton	**8141A**	0.32 U	0.31 U	0.32 U	--	--	--	--
Endosulfan I	**8081A**	0.0056 U	0.0057 U	0.0055 U	--	--	--	--
Endosulfan II	**8081A**	0.0067 U	0.0069 U	0.0067 U	--	--	--	--
Endosulfan sulfate	**8081A**	0.0055 U	0.0056 U	0.0055 U	--	--	--	--
Endrin	**8081A**	0.0076 U	0.0078 U	0.0076 U	--	--	--	--
Endrinaldehyde	**8081A**	0.0084 U	0.0087 U	0.0084 U	--	--	--	--
Famphur	**8141A**	0.18 U	0.17 U	0.18 U	--	--	--	--
gamma-BHC	**8081A**	0.0066 U	0.0068 U	0.0066 U	--	--	--	--
Heptachlor	**8081A**	0.0074 U	0.0076 U	0.0074 U	--	--	--	--
Heptachlorepoxide	**8081A**	0.0072 U	0.0074 U	0.0072 U	--	--	--	--
Kepone	**8081A**	0.33 U	0.34 U	0.33 U	--	--	--	--
Methylparathion	**8141A**	0.14 U	0.14 U	0.14 U	--	--	--	--
p,p'-Methoxychlor	**8081A**	0.012 U	0.013 U	0.012 U	--	--	--	--
Parathion	**8141A**	0.14 U	0.14 U	0.14 U	--	--	--	--
Phorate	**8141A**	0.15 U	0.15 U	0.15 U	--	--	--	--
Silvex	**8151A**	0.16 U	0.16 U	0.17 U	--	--	--	--
Tetraethyldithiopyrophosphate	**8141A**	0.16 U	0.16 U	0.16 U	--	--	--	--
Toxaphene	**8081A**	0.35 U	0.36 U	0.35 U	--	--	--	--
Zinophos	**8141A**	0.31 U	0.3 U	0.31 U	--	--	--	--

TABLE 21
CHLORINATED PESTICIDES, HERBICIDES, AND POLYCHLORINATED BIPHENYLS ANALYTICAL RESULTS, 2012
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		PZ-140	PZ-140	PZ-140	PZ-141	PZ-141	PZ-141	PZ-144
SampleType:		Split	Primary	Field Duplicate	Primary	Field Duplicate	Primary	Primary
Sample Name:		PZ-140_013012_03	PZ-140_071912_01	PZ-140_071912_36	PZ-141_011212_01	PZ-141_011212_36	PZ-	PZ-144_080212_01A
Groundwater Unit:		Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow
Lab Name:		TA- Irvine	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
Collection Date:		1/30/2012	7/19/2012	7/19/2012	1/12/2012	1/12/2012	7/19/2012	8/2/2012
Analyte (µg/L)	**Method**							
2,4,5-T	**8151A**	--	--	--	--	--	--	--
2,4-Dichlorophenoxyacetic Acid (2,4-D)	**8151A**	--	--	--	--	--	--	--
4,4'-DDD	**8081A**	--	--	--	--	--	--	--
4,4'-DDE	**8081A**	--	--	--	--	--	--	--
4,4'-DDT	**8081A**	--	--	--	--	--	--	--
Aldrin	**8081A**	--	--	--	--	--	--	--
alpha-BHC	**8081A**	--	--	--	--	--	--	--
Aroclor 1016	**8082**	0.25 UJ	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U
Aroclor 1221	**8082**	0.25 UJ	0.21 U	0.2 U	0.2 U	0.2 U	0.2 U	0.21 U
Aroclor 1232	**8082**	0.25 UJ	0.17 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U
Aroclor 1242	**8082**	0.25 UJ	0.1 U	0.099 U	0.099 U	0.099 U	0.099 U	0.1 U
Aroclor 1248	**8082**	0.25 UJ	0.092 U	0.087 U	0.087 U	0.087 U	0.087 U	0.091 U
Aroclor 1254	**8082**	0.25 UJ	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U
Aroclor 1260	**8082**	0.25 UJ	0.16 U	0.15 U	0.15 U	0.15 U	0.15 U	0.16 U
beta-BHC	**8081A**	--	--	--	--	--	--	--
Chlordane	**8081A**	--	--	--	--	--	--	--
Chlorobenzilate	**8081A**	--	--	--	--	--	--	--
delta-BHC	**8081A**	--	--	--	--	--	--	--
Diallate	**8081A**	--	--	--	--	--	--	--
Dieldrin	**8081A**	--	--	--	--	--	--	--
Dimethoate	**8141A**	--	--	--	--	--	--	--
Dinoseb	**8151A**	--	--	--	--	--	--	--
Disulfoton	**8141A**	--	--	--	--	--	--	--
Endosulfan I	**8081A**	--	--	--	--	--	--	--
Endosulfan II	**8081A**	--	--	--	--	--	--	--
Endosulfan sulfate	**8081A**	--	--	--	--	--	--	--
Endrin	**8081A**	--	--	--	--	--	--	--
Endrinaldehyde	**8081A**	--	--	--	--	--	--	--
Famphur	**8141A**	--	--	--	--	--	--	--
gamma-BHC	**8081A**	--	--	--	--	--	--	--
Heptachlor	**8081A**	--	--	--	--	--	--	--
Heptachlorepoxide	**8081A**	--	--	--	--	--	--	--
Kepone	**8081A**	--	--	--	--	--	--	--
Methylparathion	**8141A**	--	--	--	--	--	--	--
p,p'-Methoxychlor	**8081A**	--	--	--	--	--	--	--
Parathion	**8141A**	--	--	--	--	--	--	--
Phorate	**8141A**	--	--	--	--	--	--	--
Silvex	**8151A**	--	--	--	--	--	--	--
Tetraethyldithiopyrophosphate	**8141A**	--	--	--	--	--	--	--
Toxaphene	**8081A**	--	--	--	--	--	--	--
Zinophos	**8141A**	--	--	--	--	--	--	--

TABLE 21
CHLORINATED PESTICIDES, HERBICIDES, AND POLYCHLORINATED BIPHENYLS ANALYTICAL RESULTS, 2012
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		PZ-158	RD-08	RD-11	RD-12	RD-49C	RD-100	RD-100
SampleType:		Primary	Primary	Primary	Primary	Primary	Primary	Primary
Sample Name:		PZ-158_012012_01A	RD-08_020912_01	RD-11_012612_01	RD-12_012612_01	RD-49C_021312_01	RD-100_011312_01	RD-100_072012_01A
Groundwater Unit:		Shallow	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth
Lab Name:		TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
Collection Date:		1/20/2012	2/9/2012	1/26/2012	1/26/2012	2/13/2012	1/13/2012	7/20/2012
Analyte (µg/L)	**Method**							
2,4,5-T	**8151A**	--	0.18 U	0.18 U	0.18 U	0.18 U	--	--
2,4-Dichlorophenoxyacetic Acid (2,4-D)	**8151A**	--	0.2 U	0.2 U	0.2 U	0.2 U	--	--
4,4'-DDD	**8081A**	--	0.0074 U	0.0078 U	0.0075 U	0.0074 U	--	--
4,4'-DDE	**8081A**	--	0.0072 U	0.0076 U	0.0073 U	0.0072 U	--	--
4,4'-DDT	**8081A**	--	0.014 U	0.015 U	0.014 U	0.014 U	--	--
Aldrin	**8081A**	--	0.0056 U	0.006 U	0.0058 U	0.0057 U	--	--
alpha-BHC	**8081A**	--	0.0051 U	0.0054 U	0.0052 U	0.0051 U	--	--
Aroclor 1016	**8082**	0.13 U	0.12 U	0.13 U	0.12 U	0.12 U	0.13 U	0.12 U
Aroclor 1221	**8082**	0.22 U	0.2 U	0.22 U	0.21 U	0.21 U	0.22 U	0.2 U
Aroclor 1232	**8082**	0.17 U	0.16 U	0.17 U	0.16 U	0.16 U	0.17 U	0.16 U
Aroclor 1242	**8082**	0.11 U	0.099 U	0.11 U	0.1 U	0.1 U	0.11 U	0.099 U
Aroclor 1248	**8082**	0.093 U	0.088 U	0.093 U	0.089 U	0.088 U	0.095 U	0.087 U
Aroclor 1254	**8082**	0.12 U	0.11 U	0.12 U	0.11 U	0.11 U	0.12 U	0.11 U
Aroclor 1260	**8082**	0.16 U	0.15 U	0.16 U	0.16 U	0.15 U	0.17 U	0.15 U
beta-BHC	**8081A**	--	0.0083 U	0.0089 U	0.0085 U	0.0084 U	--	--
Chlordane	**8081A**	--	0.13 U	0.14 U	0.14 U	0.13 U	--	--
Chlorobenzilate	**8081A**	--	0.041 U	0.043 U	0.041 U	0.041 U	--	--
delta-BHC	**8081A**	--	0.0055 U	0.0059 U	0.0057 U	0.0056 U	--	--
Diallate	**8081A**	--	0.18 U	0.2 U	0.19 U	0.19 U	--	--
Dieldrin	**8081A**	--	0.006 U	0.0064 U	0.0061 U	0.0061 U	--	--
Dimethoate	**8141A**	--	0.43 UJ	0.43 U	0.43 U	0.43 U	--	--
Dinoseb	**8151A**	--	0.17 U	0.18 U	0.17 U	0.17 U	--	--
Disulfoton	**8141A**	--	0.31 UJ	0.31 U	0.31 U	0.31 U	--	--
Endosulfan I	**8081A**	--	0.0055 U	0.0059 U	0.0057 U	0.0056 U	--	--
Endosulfan II	**8081A**	--	0.0067 U	0.0071 U	0.0068 U	0.0067 U	--	--
Endosulfan sulfate	**8081A**	--	0.0055 U	0.0058 U	0.0056 U	0.0055 U	--	--
Endrin	**8081A**	--	0.0076 U	0.008 U	0.0077 U	0.0076 U	--	--
Endrinaldehyde	**8081A**	--	0.0084 U	0.009 U	0.0086 U	0.0085 U	--	--
Famphur	**8141A**	--	0.17 UJ	0.17 U	0.17 U	0.17 U	--	--
gamma-BHC	**8081A**	--	0.0066 U	0.007 U	0.0067 U	0.0067 U	--	--
Heptachlor	**8081A**	--	0.0074 U	0.0078 U	0.0075 U	0.0074 U	--	--
Heptachlorepoxide	**8081A**	--	0.0072 U	0.0076 U	0.0073 U	0.0072 U	--	--
Kepone	**8081A**	--	0.33 U	0.35 U	0.34 U	0.34 U	--	--
Methylparathion	**8141A**	--	0.13 UJ	0.13 U	0.14 U	0.13 U	--	--
p,p'-Methoxychlor	**8081A**	--	0.012 U	0.013 U	0.013 U	0.013 U	--	--
Parathion	**8141A**	--	0.14 UJ	0.14 U	0.14 U	0.14 U	--	--
Phorate	**8141A**	--	0.15 UJ	0.15 U	0.15 U	0.15 U	--	--
Silvex	**8151A**	--	0.16 U	0.17 U	0.16 U	0.16 U	--	--
Tetraethyldithiopyrophosphate	**8141A**	--	0.16 UJ	0.16 U	0.16 U	0.16 U	--	--
Toxaphene	**8081A**	--	0.35 U	0.37 U	0.36 U	0.35 U	--	--
Zinophos	**8141A**	--	0.3 UJ	0.3 U	0.3 U	0.3 U	--	--

TABLE 21
CHLORINATED PESTICIDES, HERBICIDES, AND POLYCHLORINATED BIPHENYLS ANALYTICAL RESULTS, 2012
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		RD-104	RS-33	RS-34
SampleType:		Primary	Primary	Primary
Sample Name:		RD-104_020112_01A	RS-33_013112_01	RS-34_020712_01
Groundwater Unit:		Chatsworth	Shallow	Shallow
Lab Name:		TA- Denver	TA- Denver	TA- Denver
Collection Date:		2/1/2012	1/31/2012	2/7/2012
Analyte (µg/L)	**Method**			
2,4,5-T	**8151A**	0.19 U	0.19 U	0.18 U
2,4-Dichlorophenoxyacetic Acid (2,4-D)	**8151A**	0.21 U	0.21 U	0.2 U
4,4'-DDD	**8081A**	0.0076 U	0.0074 U	0.0076 U
4,4'-DDE	**8081A**	0.0074 U	0.0072 U	0.0075 U
4,4'-DDT	**8081A**	0.015 U	0.014 U	0.015 U
Aldrin	**8081A**	0.0058 U	0.0057 U	0.0059 U
alpha-BHC	**8081A**	0.0052 U	0.0051 U	0.0053 U
Aroclor 1016	**8082**	0.12 U	0.12 U	0.12 U
Aroclor 1221	**8082**	0.21 U	0.21 U	0.2 U
Aroclor 1232	**8082**	0.16 U	0.16 U	0.16 U
Aroclor 1242	**8082**	0.1 U	0.1 U	0.099 U
Aroclor 1248	**8082**	0.09 U	0.088 U	0.087 U
Aroclor 1254	**8082**	0.11 U	0.11 U	0.11 U
Aroclor 1260	**8082**	0.16 U	0.15 U	0.15 U
beta-BHC	**8081A**	0.0086 U	0.0084 U	0.0086 U
Chlordane	**8081A**	0.14 U	0.13 U	0.14 U
Chlorobenzilate	**8081A**	0.042 U	0.041 U	0.042 U
delta-BHC	**8081A**	0.0057 U	0.0056 U	0.0058 U
Diallate	**8081A**	0.19 U	0.19 U	0.19 U
Dieldrin	**8081A**	0.0062 U	0.0061 U	0.0063 U
Dimethoate	**8141A**	0.44 U	0.44 U	0.43 U
Dinoseb	**8151A**	0.18 U	0.18 U	0.17 U
Disulfoton	**8141A**	0.32 U	0.31 U	0.31 U
Endosulfan I	**8081A**	0.0057 U	0.0056 U	0.0058 U
Endosulfan II	**8081A**	0.0069 U	0.0067 U	0.007 U
Endosulfan sulfate	**8081A**	0.0056 U	0.0055 U	0.0057 U
Endrin	**8081A**	0.0078 U	0.0076 U	0.0078 U
Endrinaldehyde	**8081A**	0.0086 U	0.0085 U	0.0087 U
Famphur	**8141A**	0.18 U	0.17 U	0.17 U
gamma-BHC	**8081A**	0.0068 U	0.0066 U	0.0069 U
Heptachlor	**8081A**	0.0076 U	0.0074 U	0.0076 U
Heptachlorepoxide	**8081A**	0.0074 U	0.0072 U	0.0075 U
Kepone	**8081A**	0.34 U	0.33 U	0.35 U
Methylparathion	**8141A**	0.14 U	0.14 U	0.13 U
p,p'-Methoxychlor	**8081A**	0.013 U	0.013 U	0.013 U
Parathion	**8141A**	0.14 U	0.14 U	0.14 U
Phorate	**8141A**	0.15 U	0.15 U	0.15 U
Silvex	**8151A**	0.17 U	0.17 U	0.16 U
Tetraethyldithiopyrophosphate	**8141A**	0.16 U	0.16 U	0.16 U
Toxaphene	**8081A**	0.36 U	0.35 U	0.36 U
Zinophos	**8141A**	0.31 U	0.3 U	0.3 U

NOTES AND ABBREVIATIONS

Chatsworth - Chatsworth Formation groundwater unit
Shallow - Near-surface groundwater unit

µg/L - micrograms per liter

-- Not available
TA - TestAmerica
U - Not detected above the method detection limit (MDL) or reporting limit (RL)
UJ - The result is not detected; however, the RL/MDL is estimated

TABLE 22
VERIFICATION AND FOLLOW-UP SAMPLING RESULTS, 2012
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well Identifier	Monitoring Program	Constituent(s)	Samples Scheduled	Sample Concentrations					
				Units	Primary Sample	Duplicate Sample	Split Sample	Equipment Rinse Blank	Field Blank
FIRST QUARTER									
HAR-02	Evaluation-aff	1,2,3,4,6,7,8-Heptachlorodibenzofuran	Verification	Not Sampled - Insufficient Water Volume					
		1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	Verification						
		Octachlorodibenzofuran	Verification						
		Octachlorodibenzo-p-dioxin	Verification						
SH-03	Evaluation-aff	Dinoseb	Verification	Not Sampled - Insufficient Water Volume					
		1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	Verification						
		Octachlorodibenzofuran	Verification						
		Octachlorodibenzo-p-dioxin	Verification						
SH-09	Evaluation-aff	2,4-Dichlorophenoxyacetic Acid (2,4-D)	Verification	Not Sampled - Insufficient Water Volume					
		Dinoseb	Verification						
		Endrin aldehyde	Verification						
		1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	Verification						
THIRD QUARTER									
ES-17	Evaluation-aff	Dichlorodifluoromethane	Verification	µg/L	7.2 J	16 J	2.6 U	NA	0.31 U
		Octachlorodibenzo-p-dioxin	Verification	pg/L	7.4 U	4 U	31 U	NA	10 U
HAR-01	Evaluation-aff	Octachlorodibenzo-p-dioxin	Verification	pg/L	3.3 U	2.3 U	3.6 J	NA	3.7 U
HAR-02	Evaluation-aff	1,2,3,4,6,7,8-Heptachlorodibenzofuran	Verification	Not Sampled - Insufficient Water Volume					
		1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	Verification						
		Octachlorodibenzofuran	Verification						
		Octachlorodibenzo-p-dioxin	Verification						
HAR-07	Evaluation-aff	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	Verification	pg/L	0.67 U	0.79 U	0.52 U	NA	0.76 U
		Benzyl alcohol	Verification	µg/L	0.22 U	11 U	3.3 U	NA	0.22 U
		Cyanides	Verification	mg/L	0.002 U	0.002 U	0.0017 U	NA	0.002 U
HAR-09	Evaluation-aff	1,2,3,4,7,8-Hexachlorodibenzofuran	Verification	pg/L	0.49 U	0.46 U	0.98 J	NA	0.47 U
		Cyanides	Verification	mg/L	0.0032 J	0.0029 J	0.017 U	NA	0.002 U
		Sulfide	Verification	mg/L	0.007 U	0.007 U	0.024 J	NA	0.007 U
HAR-11	Evaluation-aff	Cyanides	Verification	mg/L	0.0061 J	0.002 U	0.017 U	NA	0.002 U
HAR-19	Evaluation-aff	1,3-Dichlorobenzene	Verification	µg/L	0.29 U	0.29 U	2.9 U	NA	0.29 U
		Cyanides	Verification	mg/L	0.0021 U	0.002 U	0.0017 U	NA	0.0029 J
HAR-21	Evaluation-aff	Sulfide	Verification	mg/L	0.007 U	0.007 U	0.02 UJ	NA	0.007 U
HAR-26	Evaluation-aff	Diethyl phthalate	Verification	µg/L	8.2 J	5.6 J	4.8 J	NA	0.37 U
HAR-27	Evaluation-aff	Cyanides	Verification	mg/L	0.0024 J	0.0027 J	0.017 U	NA	0.002 U
HAR-29	Evaluation-aff	Cyanides	Verification	mg/L	0.0021 U	0.002 U	0.017 U	NA	0.0037 J
HAR-30	Evaluation-aff	Cyanides	Verification	mg/L	0.002 U	0.002 U	0.017 UJ	NA	0.002 U
HAR-33	Evaluation-aff	Sulfide	Verification	mg/L	0.007 U	0.007 U	0.02 UJ	NA	0.007 U
PZ-060	Evaluation-aff	Cyanides	Verification	mg/L	0.002 U	0.002 U	0.017 U	NA	0.0029 J
		Sulfide	Verification	mg/L	0.028 J	0.14	0.08 J	0.007 U	0.007 U

TABLE 22
VERIFICATION AND FOLLOW-UP SAMPLING RESULTS, 2012
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well Identifier	Monitoring Program	Constituent(s)	Samples Scheduled	Sample Concentrations					
				Units	Primary Sample	Duplicate Sample	Split Sample	Equipment Rinse Blank	Field Blank
RD-08	Evaluation-aff	Acetonitrile	Verification	µg/L	9.6 UJ	9.6 UJ	9 UJ	NA	9.6 UJ
		bis(2-Ethylhexyl) phthalate	Verification	µg/L	0.53 U	0.53 U	3.8 U	NA	0.55 U
RD-104	Evaluation-aff	Sulfide	Verification	Not Sampled - Insufficient Water Volume					
RD-11	Evaluation-aff	Sulfide	Verification	mg/L	0.011 U	0.011 U	0.23 U	NA	0.011
RS-33	Evaluation-aff	Cyanides	Verification	mg/L	0.002 U	0.002 U	0.017 U	NA	0.002 U
RS-34	Evaluation-aff	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	Verification	pg/L	1.5 U	1.4 U	1.4 U	NA	1.5 U
		Cyanides	Verification	mg/L	0.0024 J	0.002 U	0.017 U	NA	0.002 U
		Octachlorodibenzofuran	Verification	pg/L	3.4 U	1.9 U	1.3 U	NA	1.8 U
		Octachlorodibenzo-p-dioxin	Verification	pg/L	5.5 U	2.9 U	3.5 U	NA	1.4 U
		Sulfide	Verification	mg/L	0.007 U	0.007 U	0.02 U	NA	0.007 U
SH-03	Evaluation-aff	Dinoseb	Verification	Not Sampled - Insufficient Water Volume					
		1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	Verification						
		Octachlorodibenzofuran	Verification						
		Octachlorodibenzo-p-dioxin	Verification						
SH-09	Evaluation-aff	Dinoseb	Verification	Not Sampled - Insufficient Water Volume					
		2,4-Dichlorophenoxyacetic Acid (2,4-D)	Verification						
		Endrin aldehyde	Verification						
		1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	Verification						

NOTES AND ABREVIATIONS

Verification - Primary, duplicate, split, and field blank samples
Follow-up - Primary, duplicate, and split samples

No samples were scheduled for follow-up sampling in 2012.

µg/L - micrograms per liter
mg/L - milligrams per liter
pg/L - picograms per liter
NA - not analyzed
J - result is estimated
U - result is not detected
UJ - The result is not detected; however, the RL/MDL is estimated.

TABLE 23
PROPOSED VERIFICATION AND FOLLOW-UP SAMPLING, FIRST QUARTER 2013
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

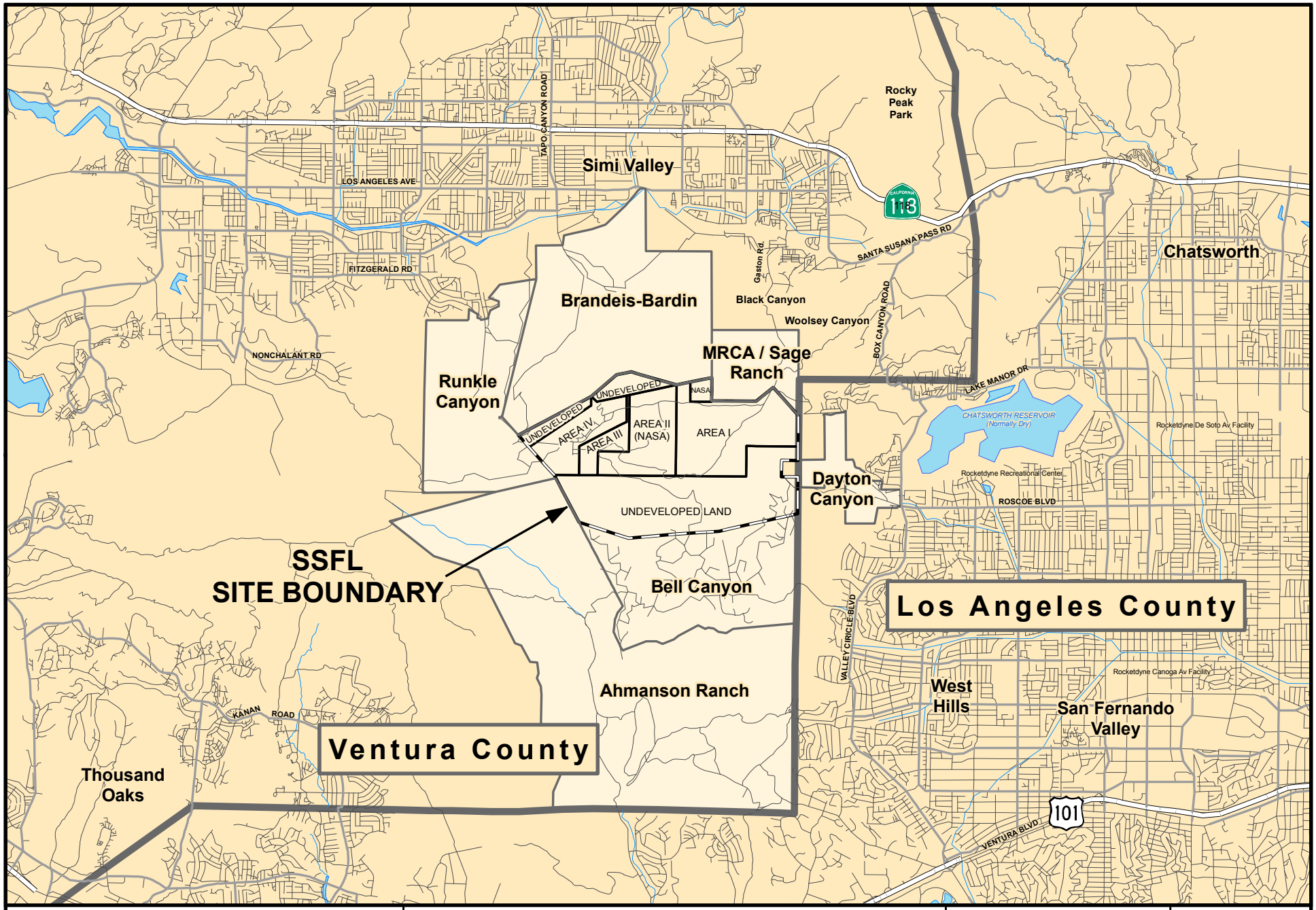
Well Identifier	Monitoring Program	Constituent(s)	Samples Scheduled
HAR-02	Evaluation-aff	1,2,3,4,6,7,8-Heptachlorodibenzofuran	Verification
		1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	Verification
		Octachlorodibenzofuran	Verification
		Octachlorodibenzo-p-dioxin	Verification
RD-104	Evaluation-aff	Sulfide	Verification
SH-03	Evaluation-aff	Dinoseb	Verification
		1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	Verification
		Octachlorodibenzofuran	Verification
		Octachlorodibenzo-p-dioxin	Verification
SH-09	Evaluation-aff	Dinoseb	Verification
		2,4-Dichlorophenoxyacetic Acid (2,4-D)	Verification
		Endrin aldehyde	Verification
		1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	Verification

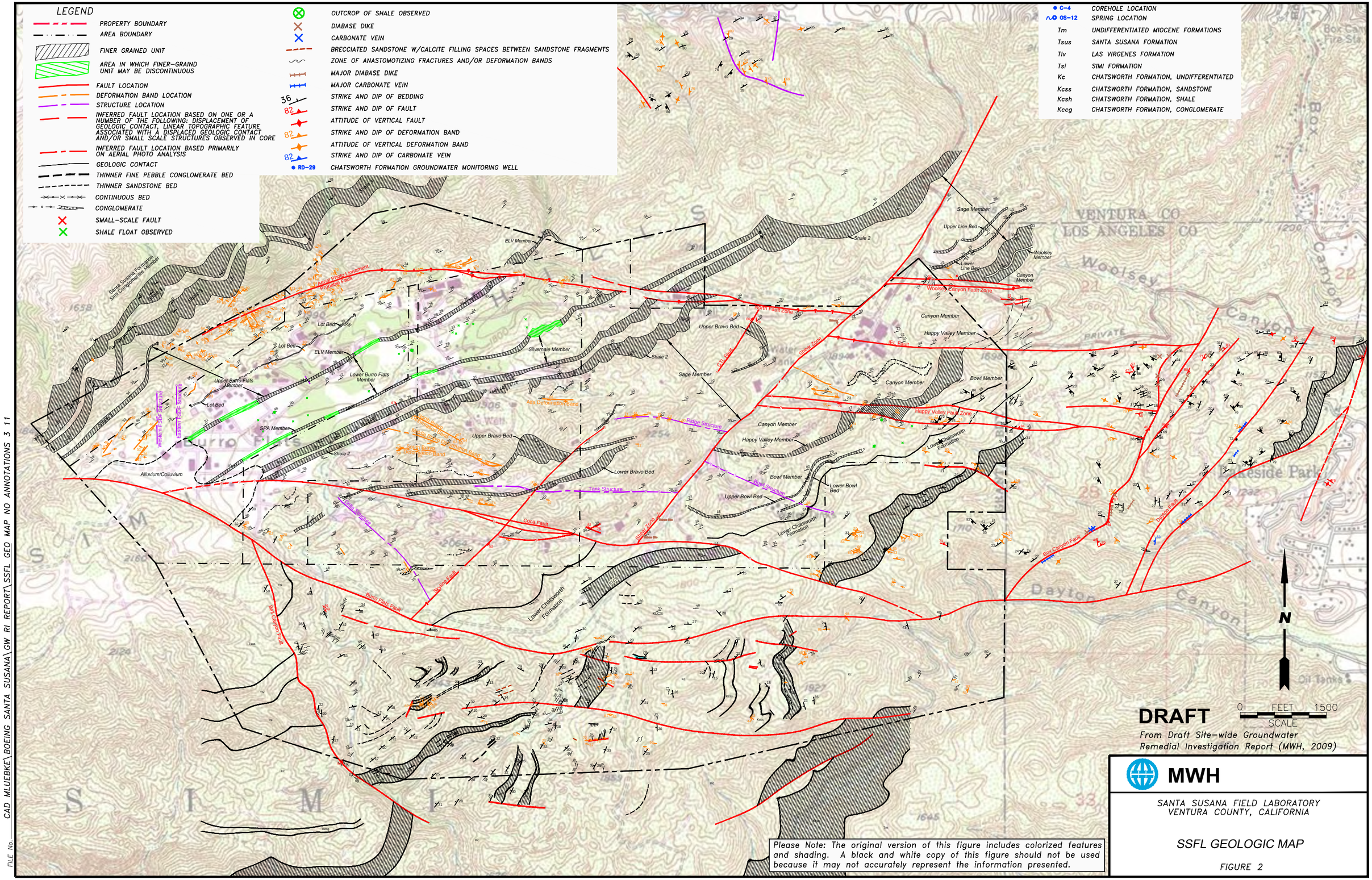
NOTES

Verification - Primary, duplicate, split, equipment rinse blank, and field blank samples

Follow-up - Primary, duplicate, and split samples

FIGURES


Rocky Peak Park
Simi Valley
LOS ANGELES AVE
TAPO CANYON ROAD
FITZGERALD RD
NONCHALANT RD
Brandeis-Bardin
Runkle Canyon
MRCA / Sage Ranch
Gaston Rd.
Black Canyon
Woolsey Canyon
BOX CANYON ROAD
SANTA SUSANA PASS RD
Chatsworth
LAKE MANOR DR
CHATSWORTH RESERVOIR (Normally Dry)
Rocketdyne De Soto Av Facility
Rocketdyne Recreational Center
ROSCOE BLVD
UNDEVELOPED
UNDEVELOPED
NASA
AREA IV
AREA III
AREA II (NASA)
AREA I
Dayton Canyon
UNDEVELOPED LAND
SSFL SITE BOUNDARY
Bell Canyon
Los Angeles County
VALLEY CIRCLE BLVD
Rocketdyne Canoga Av Facility
West Hills
San Fernando Valley
Ahmanson Ranch
KANAN ROAD
Ventura County
Thousand Oaks
101
VENTURA BLVD
1 inch = 1.5 miles
Miles
0
1.5
3
SANTA SUSANA FIELD LABORATORY
Facility Location Map
Figure 1



DRAFT

From Draft Site-wide Groundwater Remedial Investigation Report (MWH, 2009)

Please Note: The original version of this figure includes colorized features and shading. A black and white copy of this figure should not be used because it may not accurately represent the information presented.

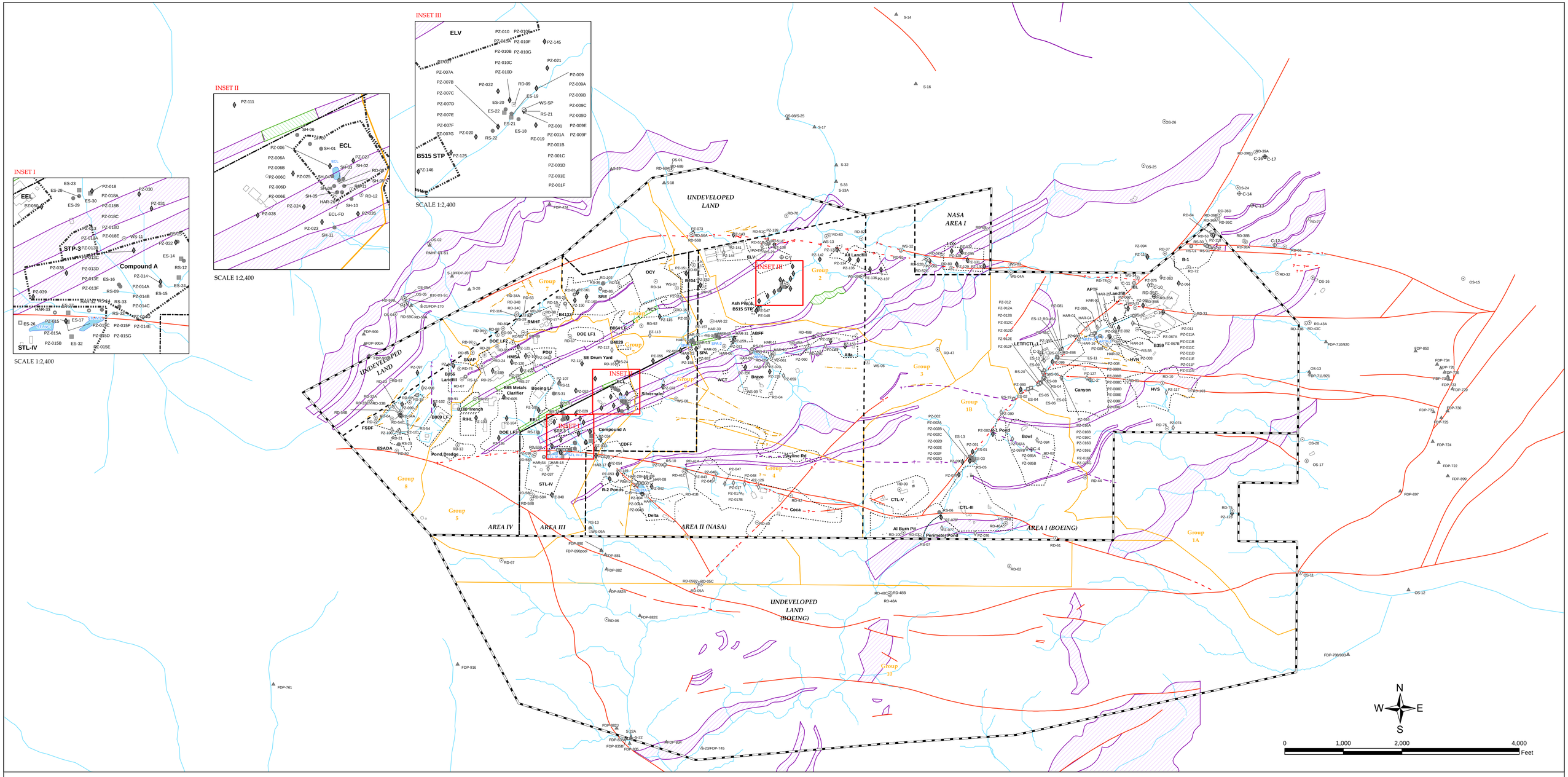
MWH

SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

SSFL GEOLOGIC MAP

FIGURE 2

FILE No. CAD MLUEBKE\BOEING SANTA SUSANA\GW RI REPORT\SSFL GEO MAP NO ANNOTATIONS 3 11



LEGEND

Well Type and Groundwater Zone

Groundwater Extraction Wells

- Groundwater Extraction Well, Perched
- Groundwater Extraction Well, Near Surface (Monitors Regional Water Table)
- Groundwater Extraction Well, Chatsworth Formation

Groundwater Monitoring Wells

- Groundwater Monitoring Well, Perched
- Groundwater Monitoring Well, Near Surface (Monitors Regional Water Table)
- Groundwater Monitoring Well, Chatsworth Formation

Piezometers

- Piezometer, Perched
- Piezometer, Near Surface (Monitors Regional Water Table)
- Piezometer, Chatsworth Formation

Seeps/Springs

- Seep/spring

Other

- Abandoned Well
- Core Holes

Basemap

- Administrative Area Boundary
- RI Site Boundary
- SMOU Reporting Group Boundary
- Post-Closure Impoundments

Geology

- Faults - Dashed where inferred
- Drainages
- Outcrops
- Finer Grained Unit (shale/siltstone)
- Area in Which Finer Grained Unit May Be Discontinuous
- Structure
- Deformation Band

RI Sites

Group 1A

APTF	Advanced Propulsion Test Facility
AI Landfill	Area I Landfill
B-1	B-1 Area
B359	Building 1359 Area
Canyon	Canyon Area
HVN	Happy Valley North
HVS	Happy Valley South
IEL	Instrument and Equipment Laboratories
LETF/CTL-I	Laser Engineering Test Facility/Component Test Laboratory I

Group 1B

Bowl	Bowl Area
CTL-III	Component Test Laboratory III
CTL-V	Component Test Laboratory V
Perimeter Pond	Perimeter Pond
R-1 Pond	R-1 Pond
Al Burn Pit	Area I Burn Pit

Group 2

All Landfill	Area II Landfill
Ash Pile & B515 STP	Former Area II Incinerator Ash Pile & Building 515 Sewage Treatment Plant
ELV	Expendable Launch Vehicle
LOX	Liquid Oxygen Plant

Group 3

ABFF	Alfa/Bravo Fuel Farm
Alfa	Alfa Area
B204	Building 204 Area
Bravo	Bravo Area
WCT	Hazardous Waste Coolant Tank
SPA	Storable Propellant Area
Skyline Rd	Skyline Road Area

Group 4

Coca	Coca Area
Delta	Delta Area
PLF	Propellant Load Facility

Group 5

B100 Trench	Building 100 Trench
B65 Metals Clarifier	Building 65 Metals Laboratory Clarifier
Boeing LF	Boeing Area IV Leach Fields
Compound A	Compound A Facility
DOE LF1	Department of Energy Leach Field 1
DOE LF2	Department of Energy Leach Field 2
DOE LF3	Department of Energy Leach Field 3
ECL	Engineering Chemistry Laboratory
EEL	Environmental Effects Laboratory
HMSA	Hazardous Material Storage Area
PDU	Process Development Unit
Pond Dredge	Pond Dredge Area
RIHL	Rockwell International Hot Laboratory
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SNAP	Systems for Nuclear Auxiliary Power Facility
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Group 6

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NCY	New Conservation Yard
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Group 7

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Group 8

B009 LF	Building 009 Leach Field
B056 Landfill	Building 056 Landfill
ESADA	Empire State Atomic Development Authority
FSDF	Former Sodium Disposal Facility

Group 9

CDFF	Coca/Delta Fuel Farm
R-2 Ponds	R-2A and R-2B Ponds
Silvernale	Silvernale Resevoir

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SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

LOCATIONS OF WELLS, PIEZOMETERS AND SEEPS
FIGURE 3

Printing Date: 2/14/2013
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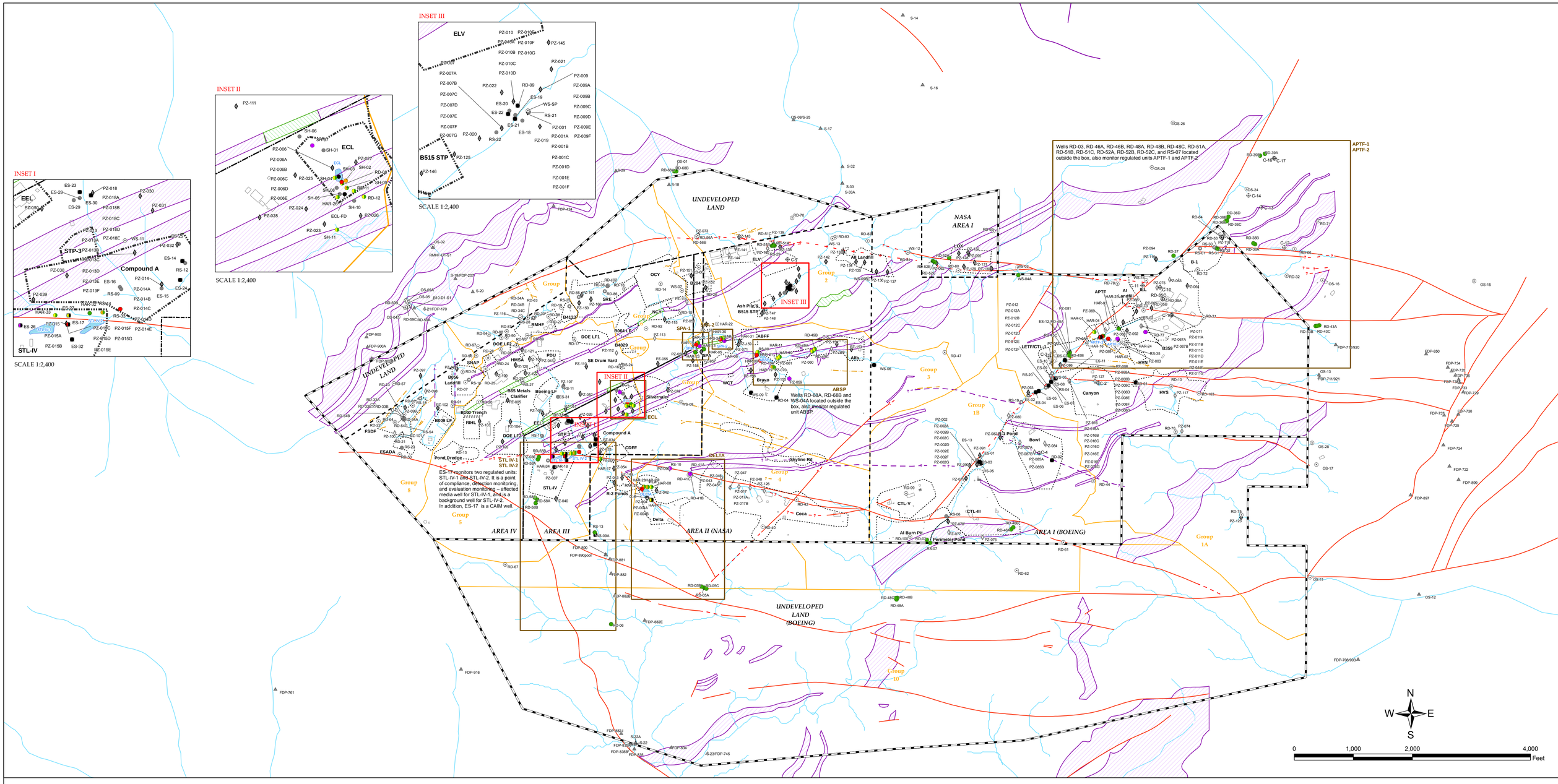

LEGEND

Regulated Unit Program Monitoring Locations

- Point of Compliance Detection Monitoring and Evaluation Monitoring - Affected Media
- Detection Monitoring
- Evaluation Monitoring
- Evaluation Monitoring - Affected Media
- Detection Monitoring and Evaluation Monitoring
- Background Monitoring
- Corrective Action Interim Monitoring

Well Type and Groundwater Zone

Groundwater Extraction Wells

- Groundwater Extraction Well, Perched
- Groundwater Extraction Well, Near Surface (Monitors Regional Water Table)
- Groundwater Extraction Well, Chatsworth Formation

Groundwater Monitoring Wells

- Groundwater Monitoring Well, Perched
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Seeps/Springs

- Seep/spring

Other

- Abandoned Well
- Core Holes

Geology

- Faults - Dashed where inferred
- Drainages
- Structure
- Deformation Band
- Outcrops
- Finer Grained Unit (shale/siltstone)
- Area in Which Finer Grained Unit May Be Discontinuous

Basemap

- Administrative Area Boundary
- RI Site Boundary
- SMOU Reporting Group Boundary
- Post-Closure Impoundments

RI Sites

Group 1A

APTF	Advanced Propulsion Test Facility
Al Landfill	Area I Landfill
B-1	B-1 Area
B359	Building 1359 Area
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IEL	Instrument and Equipment Laboratories
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Group 1B

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CTL-V	Component Test Laboratory V
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Group 2

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Group 3

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WCT	Hazardous Waste Coolant Tank
SPA	Storable Propellant Area
Skyline Rd	Skyline Road Area

Group 4

Coca	Coca Area
Delta	Delta Area
PLF	Propellant Load Facility

Group 5

B100 Trench	Building 100 Trench
B65 Metals Clarifier	Building 65 Metals Laboratory Clarifier
Boeing LF	Boeing Area IV Leach Fields
Compound A	Compound A Facility
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SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

REGULATED UNIT PROGRAM MONITORING LOCATIONS
FIGURE 4

Printing Date: 2/14/2013
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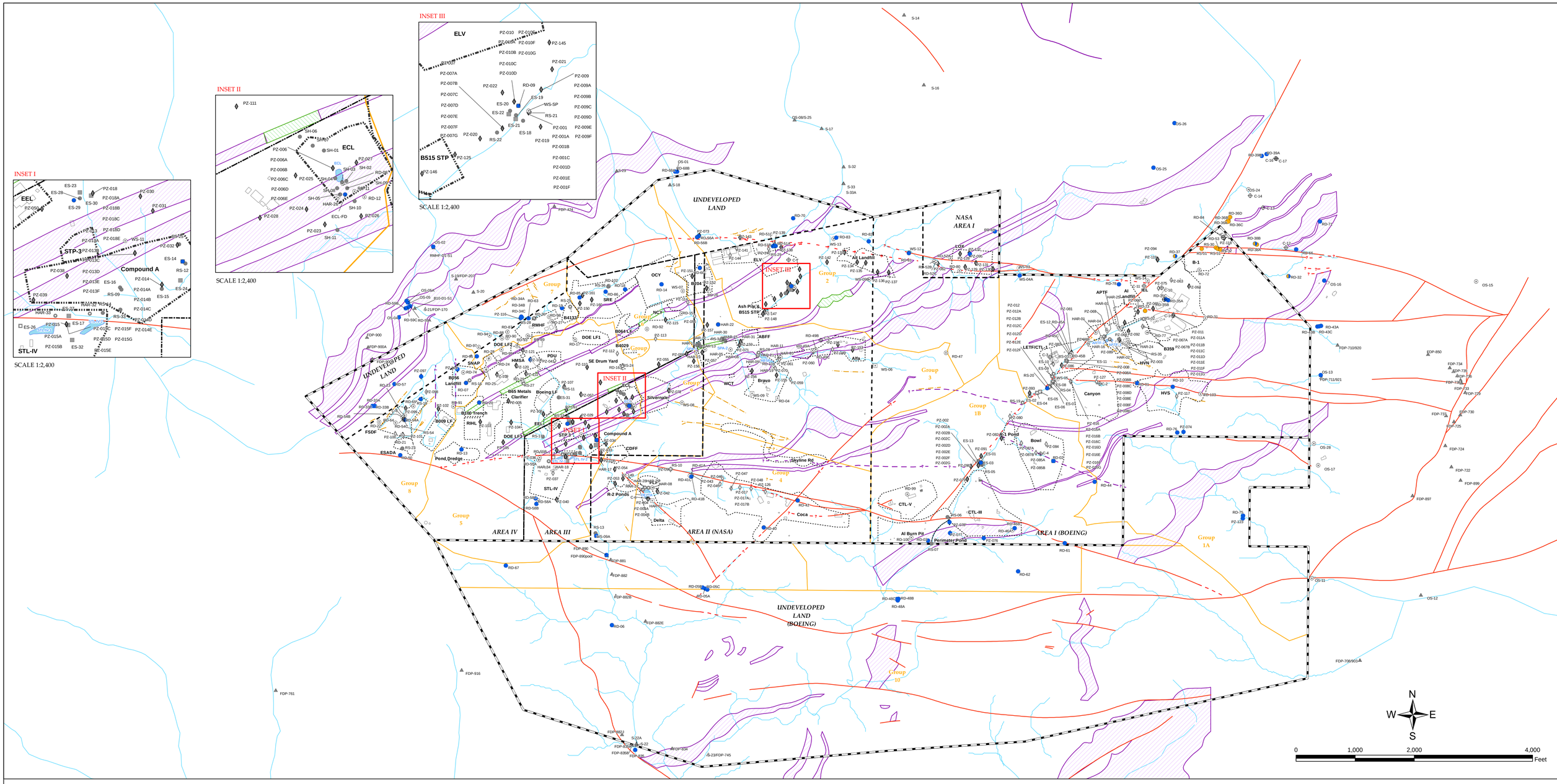

LEGEND

Site-wide and LUFT Program Monitoring Locations

- Site-wide Program
- LUFT Program
- Site-wide and LUFT Program

Well Type and Groundwater Zone

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SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

SITE-WIDE AND LUFT PROGRAM MONITORING LOCATIONS
FIGURE 5

Printing Date: 2/14/2013
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INSET I

SCALE 1:2,400

INSET II

SCALE 1:2,400

INSET III

SCALE 1:2,400

UNDEVELOPED LAND

UNDEVELOPED LAND

UNDEVELOPED LAND (BOEING)

NASA AREA I

AREA I (BOEING)

AREA II (NASA)

AREA III

AREA IV

N

W

E

S

0 1,000 2,000 4,000 Feet

LEGEND

Well Type and Groundwater Zone

Groundwater Extraction Wells

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- Piezometer, Chatsworth Formation

Seeps/Springs

- Seep/spring

Other

- Abandoned Well
- Core Holes

Approximate Groundwater Elevation Contours (feet above sea level)

- 25-foot Contour
- 50-foot Contour
- 100-foot Contour
- 1629.2 — Groundwater Level Elevation in Feet Above Mean Sea Level
- 1629.2 — Groundwater Level Elevation in Feet Above Mean Sea Level; Water level was not used to generate contour line

Basemap

- Administrative Area Boundary
- RI Site Boundary
- Post-Closure Impoundments

Geology

- Faults - Dashed where inferred
- Drainages
- Outcrops
- Area in Which FinerGrained Unit May Be Discontinuous
- Finer Grained Unit (shale/siltstone)
- Structure
- Deformation Band

RI Sites

Group 1A

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Group 1B

Bowl	Bowl Area
CTL-III	Component Test Laboratory III
CTL-V	Component Test Laboratory V
Perimeter Pond	Perimeter Pond
R-1 Pond	R-1 Pond
AI Burn Pit	Area I Burn Pit

Group 2

AII Landfill	Area II Landfill
Ash Pile & B515 STP	Former Area II Incinerator Ash Pile & Building 515 Sewage Treatment Plant
ELV	Expendable Launch Vehicle
LOX	Liquid Oxygen Plant

Group 3

ABFF	Alfa/Bravo Fuel Farm
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SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA
FEBRUARY 2013

GROUNDWATER ELEVATION CONTOUR MAP
OCTOBER 2012
FIGURE 6

Printing Date: 2/18/2013
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LEGEND

Symbol Color for 2012 Groundwater Results

- Detection exceeding screening level at least once in 2012 dataset
- Detected below screening level in 2012 dataset
- Not detected in 2012 dataset
- Detection limit exceeds screening level for all 2012 results at this location
- Not sampled/analyzed in 2012 dataset

Values posted beneath well identifiers are maximum concentrations in micrograms per liter (ug/L) detected in 2012 at each location.

Values posted at locations with no 2012 results are for the most recent analytical result with collection date shown in parentheses.

Only primary results are shown.

Well Type and Groundwater Zone

Groundwater Extraction Wells

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- Drainages
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- Area in Which Finer Grained Unit May Be Discontinuous

Basemap

- Administrative Area Boundary
- RI Site Boundary
- SMOU Reporting Group Boundary
- Regulated Units
- Post-Closure Impoundments

Areas of Impacted Groundwater

- Trichloroethene in Groundwater above Primary MCL of 5 ug/L from 2011 Report on Annual Groundwater Monitoring (areas of impacted groundwater from Groundwater RI Report (MWH, 2009) based on historical dataset through 2nd Quarter 2008 with adjustments based on results through 2011)
- Adjusted Boundaries based on 2012 Results
- No longer present above screening value

RI Sites

Group 1A

APTF	Advanced Propulsion Test Facility
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Printing Date: 2/17/2013
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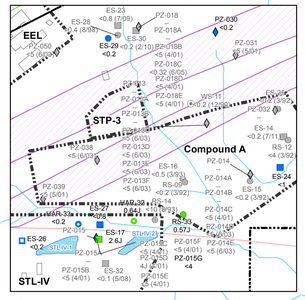
MWH

SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA
FEBRUARY 2013

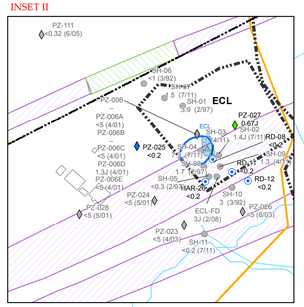
EXTENT OF TRICHLOROETHENE IN GROUNDWATER, 2012
FIGURE 7

INSET I



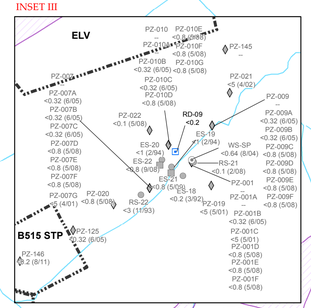
SCALE 1:2,400

INSET II

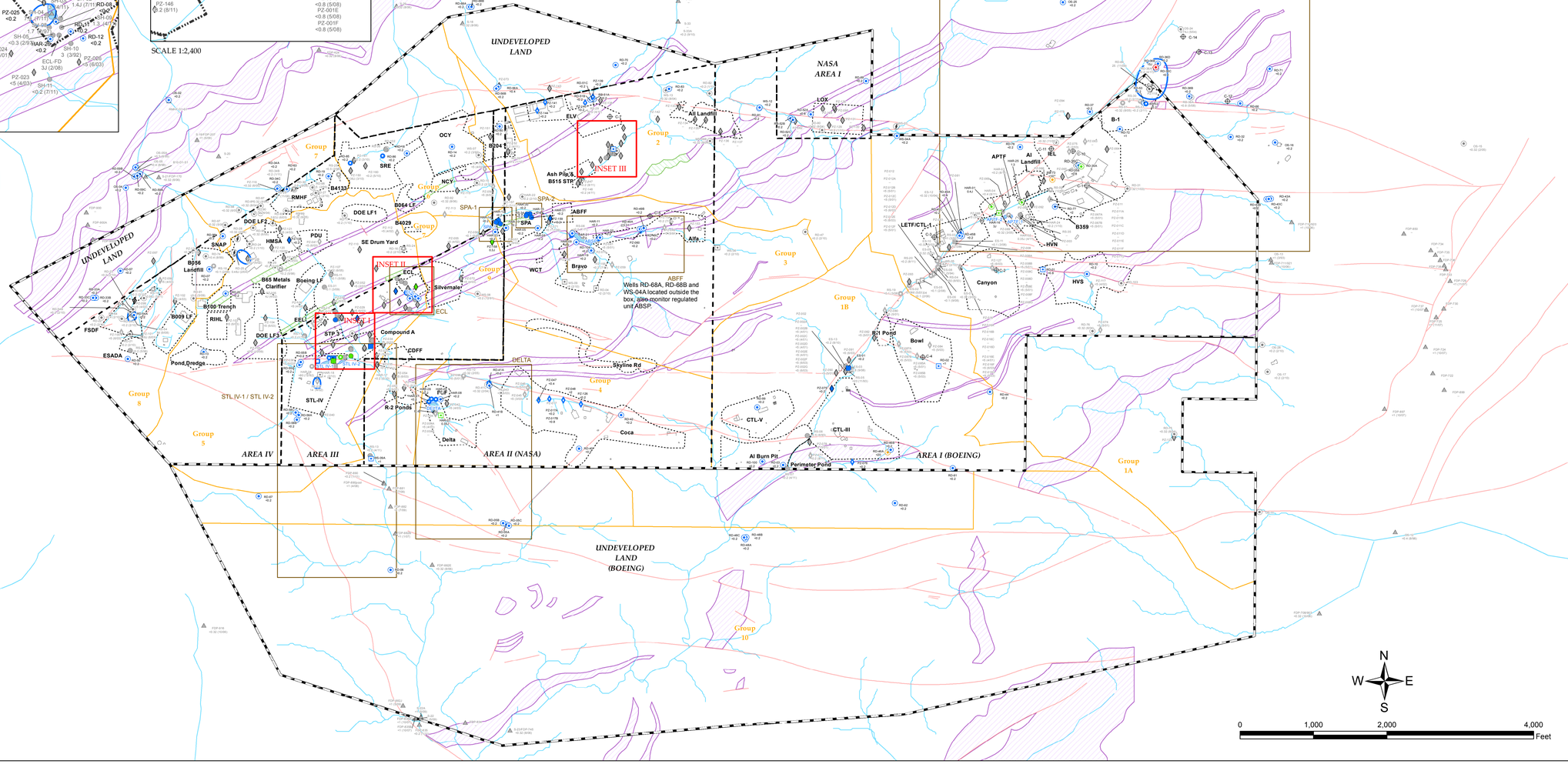


SCALE 1:2,400

INSET III



SCALE 1:2,400



LEGEND

Symbol Color for 2012 Groundwater Results

- Detection exceeding screening level at least once in 2012 dataset
- Detected below screening level in 2012 dataset
- Not detected in 2012 dataset
- Detection limit exceeds screening level for all 2012 results at this location
- Not sampled/analyzed in 2012 dataset

Values posted beneath well identifiers are maximum concentrations in micrograms per liter (ug/L) detected in 2012 at each location.

Values posted at locations with no 2012 results are for the most recent analytical result with collection date shown in parentheses.

Only primary results are shown.

Well Type and Groundwater Zone

Groundwater Extraction Wells

- Groundwater Extraction Well, Perched
- Groundwater Extraction Well, Near Surface (Monitors Regional Water Table)
- Groundwater Extraction Well, Chatsworth Formation

Groundwater Monitoring Wells

- Groundwater Monitoring Well, Perched
- Groundwater Monitoring Well, Near Surface (Monitors Regional Water Table)
- Groundwater Monitoring Well, Chatsworth Formation

Piezometers

- Piezometer, Perched
- Piezometer, Near Surface (Monitors Regional Water Table)
- Piezometer, Chatsworth Formation

Seeps/Springs

- Seep/spring

Other

- Abandoned Well
- Core Holes

Geology

- Faults
- Drainages
- Outcrops
- Finer Grained Unit (shale/siltstone)
- Area in Which Finer Grained Unit May Be Discontinuous

Basemap

- Administrative Area Boundary
- RI Site Boundary
- SMOU Reporting Group Boundary
- Regulated Units
- Post-Closure Impoundments

Areas of Impacted Groundwater

- Tetrachloroethene in Groundwater above Primary MCL of 5 ug/L from 2011 Report on Annual Groundwater Monitoring (areas of impacted groundwater from Groundwater RI Report (MWH, 2009) based on historical dataset through 2nd Quarter 2008 with adjustments based on results through 2011)

RI Sites

Group 1A

APTF	Advanced Propulsion Test Facility
Al Landfill	Area I Landfill
B-1	B-1 Area
B359	Building 1359 Area
Canyon	Canyon Area
HVN	Happy Valley North
HVS	Happy Valley South
IEL	Instrument and Equipment Laboratories
LETF/CTL-I	Laser Engineering Test Facility/ Component Test Laboratory I

Group 1B

Bowl	Bowl Area
CTL-III	Component Test Laboratory III
CTL-V	Component Test Laboratory V
Perimeter Pond	Perimeter Pond
R-1 Pond	R-1 Pond
Al Burn Pit	Area I Burn Pit

Group 2

Al Landfill	Area II Landfill
Ash Pile & B515 STP	Former Area II Incinerator Ash Pile & Building 515 Sewage Treatment Plant
ELV	Expendable Launch Vehicle
LOX	Liquid Oxygen Plant

Group 3

ABFF	Alfa/Bravo Fuel Farm
Alfa	Alfa Area
B204	Building 204 Area
Bravo	Bravo Area
WCT	Hazardous Waste Coolant Tank
SPA	Storable Propellant Area
Skyline Rd	Skyline Road Area

Group 4

Coca	Coca Area
Delta	Delta Area
PLF	Propellant Load Facility

Group 5

B100 Trench	Building 100 Trench
B65 Metals Clarifier	Building 65 Metals Laboratory Clarifier
Boeing LF	Boeing Area IV Leach Fields
Compound A	Compound A Facility
DOE LF1	Department of Energy Leach Field 1
DOE LF2	Department of Energy Leach Field 2
DOE LF3	Department of Energy Leach Field 3
ECL	Engineering Chemistry Laboratory
EEL	Environmental Effects Laboratory
HMSA	Hazardous Material Storage Area
PDU	Process Development Unit
Pond Dredge	Pond Dredge Area
RIHL	Rockwell International Hot Laboratory
SE Drum Yard	Southeast Drum Storage Yard
SNAP	Systems for Nuclear Auxiliary Power Facility
STL-IV	Systems Test Laboratory IV
STP-3	Area III Sewage Treatment Plant

Group 6

B064 LF	Building 064 Leach Field
NCY	New Conservation Yard
OCY	Old Conservation Yard
SRE	Sodium Reactor Experiment

Group 7

RMHF	Radioactive Materials Handling Facility
B4029	Building 4029 Reactive Metals Storage Yard
B4133	Building 4133 Sodium Burn Facility

Group 8

B009 LF	Building 009 Leach Field
B056 Landfill	Building 056 Landfill
ESADA	Empire State Atomic Development Authority
FSDF	Former Sodium Disposal Facility

Group 9

CDFF	Coca/Delta Fuel Farm
R-2 Ponds	R-2A and R-2B Ponds
Silvernale	Silvernale Resevoir

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.

MWH

SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA
FEBRUARY 2013

EXTENT OF TETRACHLOROETHENE IN GROUNDWATER, 2012
FIGURE 8

Printing Date: 2/18/2013
U:\Boeing\SantaSusana\MXD\GW Monitoring\2012_4Q\Fig8_PCE.mxd

LEGEND

Symbol Color for 2012 Groundwater Results

- Detection exceeding screening level at least once in 2012 dataset
- Detected below screening level in 2012 dataset
- Not detected in 2012 dataset
- Detection limit exceeds screening level for all 2012 results at this location
- Not sampled/analyzed in 2012 dataset

Values posted beneath well identifiers are maximum concentrations in micrograms per liter (ug/L) detected in 2012 at each location.

Values posted at locations with no 2012 results are for the most recent analytical result with collection date shown in parentheses.

Only primary results are shown.

Well Type and Groundwater Zone

Groundwater Extraction Wells

- Groundwater Extraction Well, Perched
- Groundwater Extraction Well, Near Surface (Monitors Regional Water Table)
- Groundwater Extraction Well, Chatsworth Formation

Groundwater Monitoring Wells

- Groundwater Monitoring Well, Perched
- Groundwater Monitoring Well, Near Surface (Monitors Regional Water Table)
- Groundwater Monitoring Well, Chatsworth Formation

Piezometers

- Piezometer, Perched
- Piezometer, Near Surface (Monitors Regional Water Table)
- Piezometer, Chatsworth Formation

Seeps/Springs

- Seep/spring

Other

- Abandoned Well
- Core Holes

Geology

- Faults
- Drainages
- Outcrops
- Finer Grained Unit (shale/siltstone)
- Area in Which Finer Grained Unit May Be Discontinuous

Basemap

- Administrative Area Boundary
- RI Site Boundary
- SMOU Reporting Group Boundary
- Regulated Units
- Post-Closure Impoundments

Areas of Impacted Groundwater

- cis-1,2-Dichloroethene in Groundwater above Cal MCL of 6 ug/L from 2011 Report on Annual Groundwater Monitoring (areas of impacted groundwater from Groundwater RI Report (MWH, 2009) based on historical dataset through 2nd Quarter 2008 with adjustments based on results through 2011)
- Adjusted Boundaries based on 2012 Results

RI Sites

Group 1A

APTF	Advanced Propulsion Test Facility
AI Landfill	Area I Landfill
B-1	B-1 Area
B359	Building 1359 Area
Canyon	Canyon Area
HVN	Happy Valley North
HVS	Happy Valley South
IEL	Instrument and Equipment Laboratories
LETF/CTL-I	Laser Engineering Test Facility/ Component Test Laboratory I

Group 1B

Bowl	Bowl Area
CTL-III	Component Test Laboratory III
CTL-V	Component Test Laboratory V
Perimeter Pond	Perimeter Pond
R-1 Pond	R-1 Pond
AI Burn Pit	Area I Burn Pit

Group 2

AII Landfill	Area II Landfill
Ash Pile & B515 STP	Former Area II Incinerator Ash Pile & Building 515 Sewage Treatment Plant
ELV	Expendable Launch Vehicle
LOX	Liquid Oxygen Plant

Group 3

ABFF	Alfa/Bravo Fuel Farm
Alfa	Alfa Area
B204	Building 204 Area
Bravo	Bravo Area
WCT	Hazardous Waste Coolant Tank
SPA	Storable Propellant Area
Skyline Rd	Skyline Road Area

Group 4

Coca	Coca Area
Delta	Delta Area
PLF	Propellant Load Facility

Group 5

B100 Trench	Building 100 Trench
B65 Metals Clarifier	Building 65 Metals Laboratory Clarifier
Boeing LF	Boeing Area IV Leach Fields
Compound A	Compound A Facility
DOE LF1	Department of Energy Leach Field 1
DOE LF2	Department of Energy Leach Field 2
DOE LF3	Department of Energy Leach Field 3
ECL	Engineering Chemistry Laboratory
EEL	Environmental Effects Laboratory
HMSA	Hazardous Material Storage Area
PDU	Process Development Unit
Pond Dredge	Pond Dredge Area
RIHL	Rockwell International Hot Laboratory
SE Drum Yard	Southeast Drum Storage Yard
SNAP	Systems for Nuclear Auxiliary Power Facility
STL-IV	Systems Test Laboratory IV
STP-3	Area III Sewage Treatment Plant

Group 6

B064 LF	Building 064 Leach Field
NCY	New Conservation Yard
OCY	Old Conservation Yard
SRE	Sodium Reactor Experiment

Group 7

RMHF	Radioactive Materials Handling Facility
B4029	Building 4029 Reactive Metals Storage Yard
B4133	Building 4133 Sodium Burn Facility

Group 8

B009 LF	Building 009 Leach Field
B056 Landfill	Building 056 Landfill
ESADA	Empire State Atomic Development Authority
FSDF	Former Sodium Disposal Facility

Group 9

CDFF	Coca/Delta Fuel Farm
R-2 Ponds	R-2A and R-2B Ponds
Silvernale	Silvernale Resevoir

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.

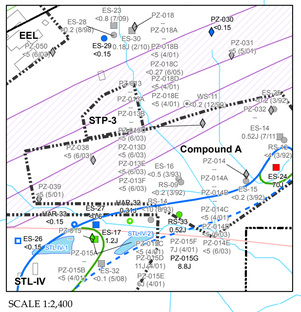
MWH

SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA
FEBRUARY 2013

EXTENT OF CIS-1,2-DICHLOROETHENE IN GROUNDWATER, 2012
FIGURE 9

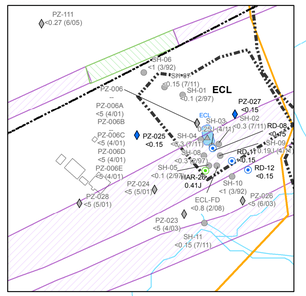
Printing Date: 2/17/2013
N:\Industrial Projects\GIS\BoeingSantaSusana\MXD\GW Monitoring\2012_4Q

INSET I



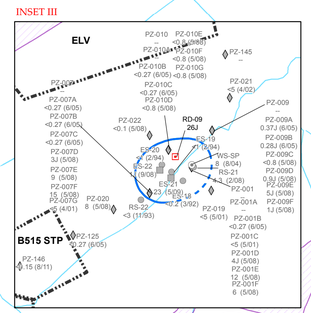
SCALE 1:2,400

INSET II

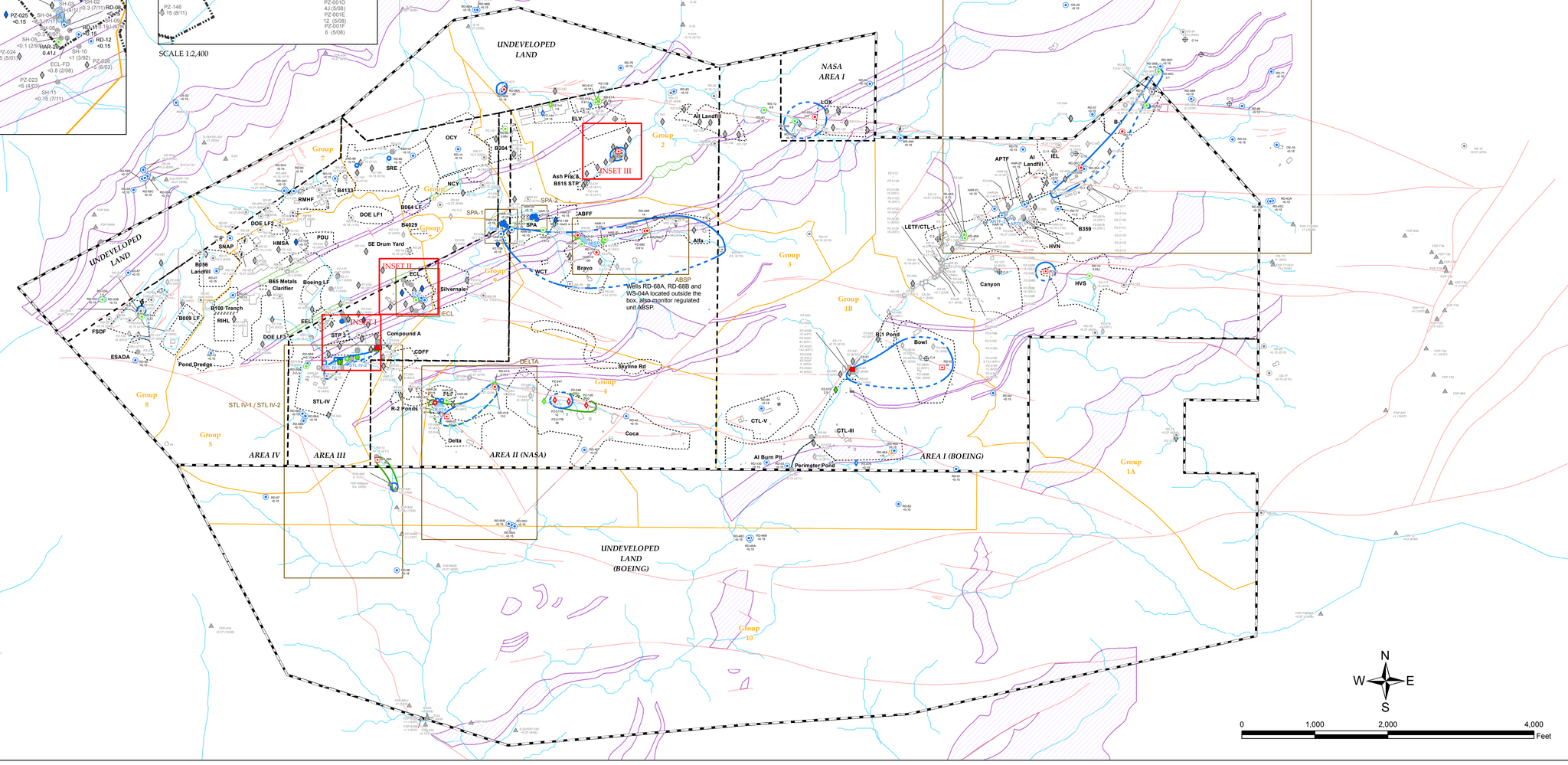


SCALE 1:2,400

INSET III



SCALE 1:2,400



N
W E
S

0 1,000 2,000 4,000 Feet

LEGEND

Symbol Color for 2012 Groundwater Results

- Detection exceeding screening level at least once in 2012 dataset
- Detected below screening level in 2012 dataset
- Not detected in 2012 dataset
- Detection limit exceeds screening level for all 2012 results at this location
- Not sampled/analyzed on 2012 dataset

Values posted beneath well identifiers are maximum concentrations in micrograms per liter (ug/L) detected in 2012 at each location.

Values posted at locations with no 2012 results are for the most recent analytical result with collection date shown in parentheses.

Only primary results are shown.

Well Type and Groundwater Zone

Groundwater Extraction Wells

- Groundwater Extraction Well, Perched
- Groundwater Extraction Well, Near Surface (Monitors Regional Water Table)
- Groundwater Extraction Well, Chatsworth Formation

Groundwater Monitoring Wells

- Groundwater Monitoring Well, Perched
- Groundwater Monitoring Well, Near Surface (Monitors Regional Water Table)
- Groundwater Monitoring Well, Chatsworth Formation

Piezometers

- Piezometer, Perched
- Piezometer, Near Surface (Monitors Regional Water Table)
- Piezometer, Chatsworth Formation

Seeps/Springs

- Seep/spring

Other

- Abandoned Well
- Core Holes

Geology

- Faults
- Drainages
- Outcrops
- Finer Grained Unit (shale/siltstone)
- Area in Which Finer Grained Unit May Be Discontinuous

Basemap

- Administrative Area Boundary
- RI Site Boundary
- SMOU Reporting Group Boundary
- Regulated Units
- Post-Closure Impoundments

Areas of Impacted Groundwater

- trans-1,2-Dichloroethene in Groundwater above Cal MCL of 10 ug/L from 2011 Report on Annual Groundwater Monitoring (areas of impacted groundwater from Groundwater RI Report (MWH, 2009) based on historical dataset through 2nd Quarter 2008 with adjustments based on results through 2011)
- Adjusted Boundaries based on 2012 Results

RI Sites

Group 1A

APTF	Advanced Propulsion Test Facility
Al Landfill	Area I Landfill
B-1	B-1 Area
B359	Building 1359 Area
Canyon	Canyon Area
HVN	Happy Valley North
HVS	Happy Valley South
IEL	Instrument and Equipment Laboratories
LETF/CTL-I	Laser Engineering Test Facility/ Component Test Laboratory I

Group 1B

Bowl	Bowl Area
CTL-III	Component Test Laboratory III
CTL-V	Component Test Laboratory V
Perimeter Pond	Perimeter Pond
R-1 Pond	R-1 Pond
Al Burn Pit	Area I Burn Pit

Group 2

All Landfill	Area II Landfill
Ash Pile & B515 STP	Former Area II Incinerator Ash Pile & Building 515 Sewage Treatment Plant
ELV	Expendable Launch Vehicle
LOX	Liquid Oxygen Plant

Group 3

ABFF	Alfa/Bravo Fuel Farm
Alfa	Alfa Area
B204	Building 204 Area
Bravo	Bravo Area
WCT	Hazardous Waste Coolant Tank
SPA	Storable Propellant Area
Skyline Rd	Skyline Road Area

Group 4

Coca	Coca Area
Delta	Delta Area
PLF	Propellant Load Facility

Group 5

B100 Trench	Building 100 Trench
B65 Metals Clarifier	Building 65 Metals Laboratory Clarifier
Boeing LF	Boeing Area IV Leach Fields
Compound A	Compound A Facility
DOE LF1	Department of Energy Leach Field 1
DOE LF2	Department of Energy Leach Field 2
DOE LF3	Department of Energy Leach Field 3
ECL	Engineering Chemistry Laboratory
EEL	Environmental Effects Laboratory
HMSA	Hazardous Material Storage Area
PDU	Process Development Unit
Pond Dredge	Pond Dredge Area
RIHL	Rockwell International Hot Laboratory
SE Drum Yard	Southeast Drum Storage Yard
SNAP	Systems for Nuclear Auxiliary Power Facility
STL-IV	Systems Test Laboratory IV
STP-3	Area III Sewage Treatment Plant

Group 6

B064 LF	Building 064 Leach Field
NCY	New Conservation Yard
OCY	Old Conservation Yard
SRE	Sodium Reactor Experiment

Group 7

RMHF	Radioactive Materials Handling Facility
B4029	Building 4029 Reactive Metals Storage Yard
B4133	Building 4133 Sodium Burn Facility

Group 8

B009 LF	Building 009 Leach Field
B056 Landfill	Building 056 Landfill
ESADA	Empire State Atomic Development Authority
FSDF	Former Sodium Disposal Facility

Group 9

CDFF	Coca/Delta Fuel Farm
R-2 Ponds	R-2A and R-2B Ponds
Silvernale	Silvernale Resevoir

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.

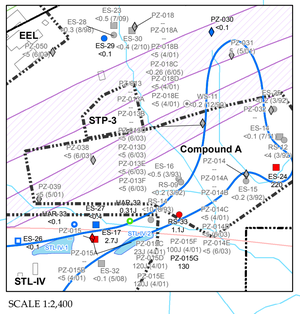
MWH

SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA
FEBRUARY 2013

EXTENT OF TRANS-1,2-DICHLOROETHENE IN GROUNDWATER, 2012
FIGURE 10

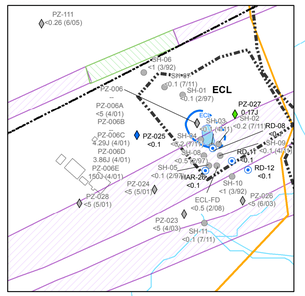
Printing Date: 2/17/2013
U:\Boeing\SantaSusana\MXD\GW Monitoring\2012_4Q\Fig10_tDCE.mxd

INSET I



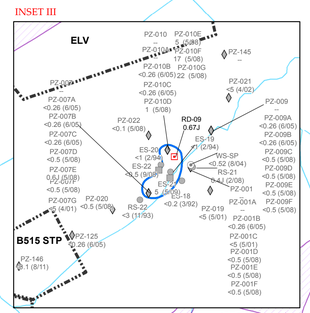
SCALE 1:2,400

INSET II

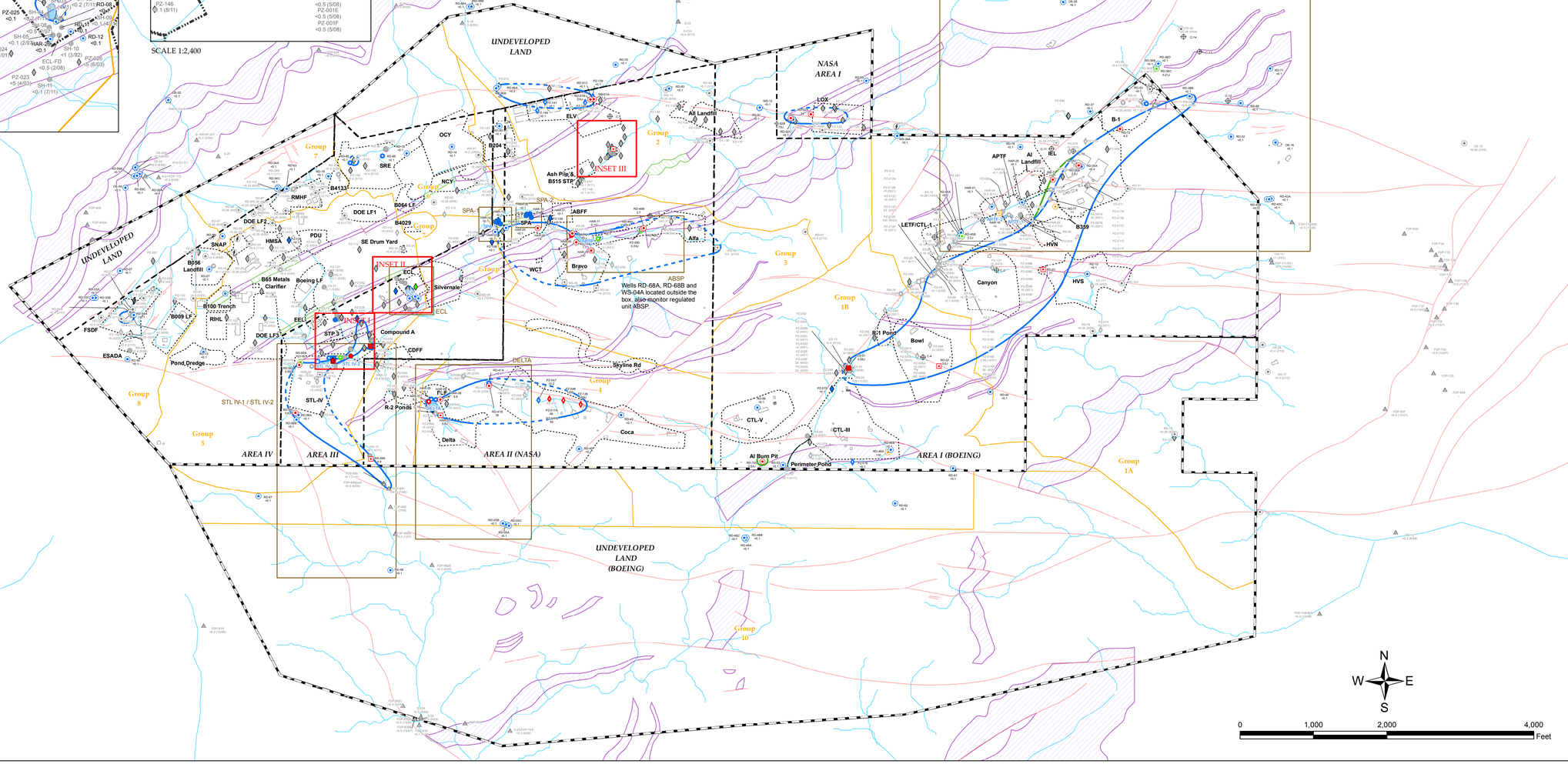


SCALE 1:2,400

INSET III



SCALE 1:2,400



LEGEND

Symbol Color for 2012 Groundwater Results

- Detection exceeding screening level at least once in 2012 dataset
- Detected below screening level in 2012 dataset
- Not detected in 2012 dataset
- Detection limit exceeds screening level for all 2012 results at this location
- Not sampled/analyzed in 2012 dataset

Values posted beneath well identifiers are maximum concentrations in micrograms per liter (ug/L) detected in 2012 at each location.

Values posted at locations with no 2012 results are for the most recent analytical result with collection date shown in parentheses.

Only primary results are shown.

Well Type and Groundwater Zone

Groundwater Extraction Wells

- Groundwater Extraction Well, Perched
- Groundwater Extraction Well, Near Surface (Monitors Regional Water Table)
- Groundwater Extraction Well, Chatsworth Formation

Groundwater Monitoring Wells

- Groundwater Monitoring Well, Perched
- Groundwater Monitoring Well, Near Surface (Monitors Regional Water Table)
- Groundwater Monitoring Well, Chatsworth Formation

Piezometers

- Piezometer, Perched
- Piezometer, Near Surface (Monitors Regional Water Table)
- Piezometer, Chatsworth Formation

Seeps/Springs

- Seep/spring

Other

- Abandoned Well
- Core Holes

Geology

- Faults
- Drainages
- Outcrops
- Finer Grained Unit (shale/siltstone)
- Area in Which Finer Grained Unit May Be Discontinuous

Basemap

- Administrative Area Boundary
- RI Site Boundary
- SMOU Reporting Group Boundary
- Regulated Units
- Post-Closure Impoundments

Areas of Impacted Groundwater

- Vinyl Chloride in Groundwater above Cal MCL of 0.5 ug/L from 2011 Report on Annual Groundwater Monitoring (areas of impacted groundwater from Groundwater RI Report (MWH, 2009) based on historical dataset through 2nd Quarter 2008 with adjustments based on results through 2011)
- Adjusted Boundaries based on 2012 Results

RI Sites

Group 1A

APTF	Advanced Propulsion Test Facility
Al Landfill	Area I Landfill
B-1	B-1 Area
B359	Building 1359 Area
Canyon	Canyon Area
HVN	Happy Valley North
HVS	Happy Valley South
IEL	Instrument and Equipment Laboratories
LETF/CTL-I	Laser Engineering Test Facility/ Component Test Laboratory I

Group 1B

Bowl	Bowl Area
CTL-III	Component Test Laboratory III
CTL-V	Component Test Laboratory V
Perimeter Pond	Perimeter Pond
R-1 Pond	R-1 Pond
Al Burn Pit	Area I Burn Pit

Group 2

All Landfill	Area II Landfill
Ash Pile & B515 STP	Former Area II Incinerator Ash Pile & Building 515 Sewage Treatment Plant
ELV	Expendable Launch Vehicle
LOX	Liquid Oxygen Plant

Group 3

ABFF	Alfa/Bravo Fuel Farm
Alfa	Alfa Area
B204	Building 204 Area
Bravo	Bravo Area
WCT	Hazardous Waste Coolant Tank
SPA	Storable Propellant Area
Skyline Rd	Skyline Road Area

Group 4

Coca	Coca Area
Delta	Delta Area
PLF	Propellant Load Facility

Group 5

B100 Trench	Building 100 Trench
B65 Metals Clarifier	Building 65 Metals Laboratory Clarifier
Boeing LF	Boeing Area IV Leach Fields
Compound A	Compound A Facility
DOE LF1	Department of Energy Leach Field 1
DOE LF2	Department of Energy Leach Field 2
DOE LF3	Department of Energy Leach Field 3
ECL	Engineering Chemistry Laboratory
EEL	Environmental Effects Laboratory
HMSA	Hazardous Material Storage Area
PDU	Process Development Unit
Pond Dredge	Pond Dredge Area
RIHL	Rockwell International Hot Laboratory
SE Drum Yard	Southeast Drum Storage Yard
SNAP	Systems for Nuclear Auxiliary Power Facility
STL-IV	Systems Test Laboratory IV
STP-3	Area III Sewage Treatment Plant

Group 6

B064 LF	Building 064 Leach Field
NCY	New Conservation Yard
OCY	Old Conservation Yard
SRE	Sodium Reactor Experiment

Group 7

RMHF	Radioactive Materials Handling Facility
B4029	Building 4029 Reactive Metals Storage Yard
B4133	Building 4133 Sodium Burn Facility

Group 8

B009 LF	Building 009 Leach Field
B056 Landfill	Building 056 Landfill
ESADA	Empire State Atomic Development Authority
FSDF	Former Sodium Disposal Facility

Group 9

CDFF	Coca/Delta Fuel Farm
R-2 Ponds	R-2A and R-2B Ponds
Silvernale	Silvernale Resevoir

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MWH

SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA
FEBRUARY 2013

EXTENT OF VINYL CHLORIDE IN GROUNDWATER, 2012
FIGURE 11

Printing Date: 2/17/2013
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LEGEND

Symbol Color for 2012 Groundwater Results

- Detection exceeding screening level at least once in 2012 dataset
- Detected below screening level in 2012 dataset
- Not detected in 2012 dataset
- Detection limit exceeds screening level for all 2012 results at this location
- Not sampled/analyzed in 2012 dataset

Values posted beneath well identifiers are maximum concentrations in micrograms per liter (ug/L) detected in 2012 at each location.

Values posted at locations with no 2012 results are for the most recent analytical result with collection date shown in parentheses.

Only primary results are shown.

Well Type and Groundwater Zone

Groundwater Extraction Wells

- Groundwater Extraction Well, Perched
- Groundwater Extraction Well, Near Surface (Monitors Regional Water Table)
- Groundwater Extraction Well, Chatsworth Formation

Groundwater Monitoring Wells

- Groundwater Monitoring Well, Perched
- Groundwater Monitoring Well, Near Surface (Monitors Regional Water Table)
- Groundwater Monitoring Well, Chatsworth Formation

Piezometers

- Piezometer, Perched
- Piezometer, Near Surface (Monitors Regional Water Table)
- Piezometer, Chatsworth Formation

Seeps/Springs

- Seep/spring

Other

- Abandoned Well
- Core Holes

Geology

- Faults
- Drainages
- Outcrops
- Finer Grained Unit (shale/siltstone)
- Area in Which Finer Grained Unit May Be Discontinuous

Basemap

- Administrative Area Boundary
- RI Site Boundary
- SMOU Reporting Group Boundary
- Regulated Units
- Post-Closure Impoundments

Areas of Impacted Groundwater

- 1,1-Dichloroethene in Groundwater above Cal MCL of 6 ug/L from 2011 Report on Annual Groundwater Monitoring (areas of impacted groundwater from Groundwater RI Report (MWH, 2009) based on historical dataset through 2nd Quarter 2008 with adjustments based on results through 2011)
- Adjusted Boundaries based on 2012 Results
- No longer present above screening value

RI Sites

Group 1A

APTF	Advanced Propulsion Test Facility
AI Landfill	Area I Landfill
B-1	B-1 Area
B359	Building 1359 Area
Canyon	Canyon Area
HVN	Happy Valley North
HVS	Happy Valley South
IEL	Instrument and Equipment Laboratories
LETF/CTL-I	Laser Engineering Test Facility/ Component Test Laboratory I

Group 1B

Bowl	Bowl Area
CTL-III	Component Test Laboratory III
CTL-V	Component Test Laboratory V
Perimeter Pond	Perimeter Pond
R-1 Pond	R-1 Pond
AI Burn Pit	Area I Burn Pit

Group 2

AII Landfill	Area II Landfill
Ash Pile & B515 STP	Former Area II Incinerator Ash Pile & Building 515 Sewage Treatment Plant
ELV	Expendable Launch Vehicle
LOX	Liquid Oxygen Plant

Group 3

ABFF	Alfa/Bravo Fuel Farm
Alfa	Alfa Area
B204	Building 204 Area
Bravo	Bravo Area
WCT	Hazardous Waste Coolant Tank
SPA	Storable Propellant Area
Skyline Rd	Skyline Road Area

Group 4

Coca	Coca Area
Delta	Delta Area
PLF	Propellant Load Facility

Group 5

B100 Trench	Building 100 Trench
B65 Metals Clarifier	Building 65 Metals Laboratory Clarifier
Boeing LF	Boeing Area IV Leach Fields
Compound A	Compound A Facility
DOE LF1	Department of Energy Leach Field 1
DOE LF2	Department of Energy Leach Field 2
DOE LF3	Department of Energy Leach Field 3
ECL	Engineering Chemistry Laboratory
EEL	Environmental Effects Laboratory
HMSA	Hazardous Material Storage Area
PDU	Process Development Unit
Pond Dredge	Pond Dredge Area
RIHL	Rockwell International Hot Laboratory
SE Drum Yard	Southeast Drum Storage Yard
SNAP	Systems for Nuclear Auxiliary Power Facility
STL-IV	Systems Test Laboratory IV
STP-3	Area III Sewage Treatment Plant

Group 6

B064 LF	Building 064 Leach Field
NCY	New Conservation Yard
OCY	Old Conservation Yard
SRE	Sodium Reactor Experiment

Group 7

RMHF	Radioactive Materials Handling Facility
B4029	Building 4029 Reactive Metals Storage Yard
B4133	Building 4133 Sodium Burn Facility

Group 8

B009 LF	Building 009 Leach Field
B056 Landfill	Building 056 Landfill
ESADA	Empire State Atomic Development Authority
FSDF	Former Sodium Disposal Facility

Group 9

CDFF	Coca/Delta Fuel Farm
R-2 Ponds	R-2A and R-2B Ponds
Silvernale	Silvernale Resevoir

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.

MWH

SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA
FEBRUARY 2013

EXTENT OF 1,1-DICHLOROETHENE IN GROUNDWATER, 2012
FIGURE 12

Printing Date: 2/17/2013
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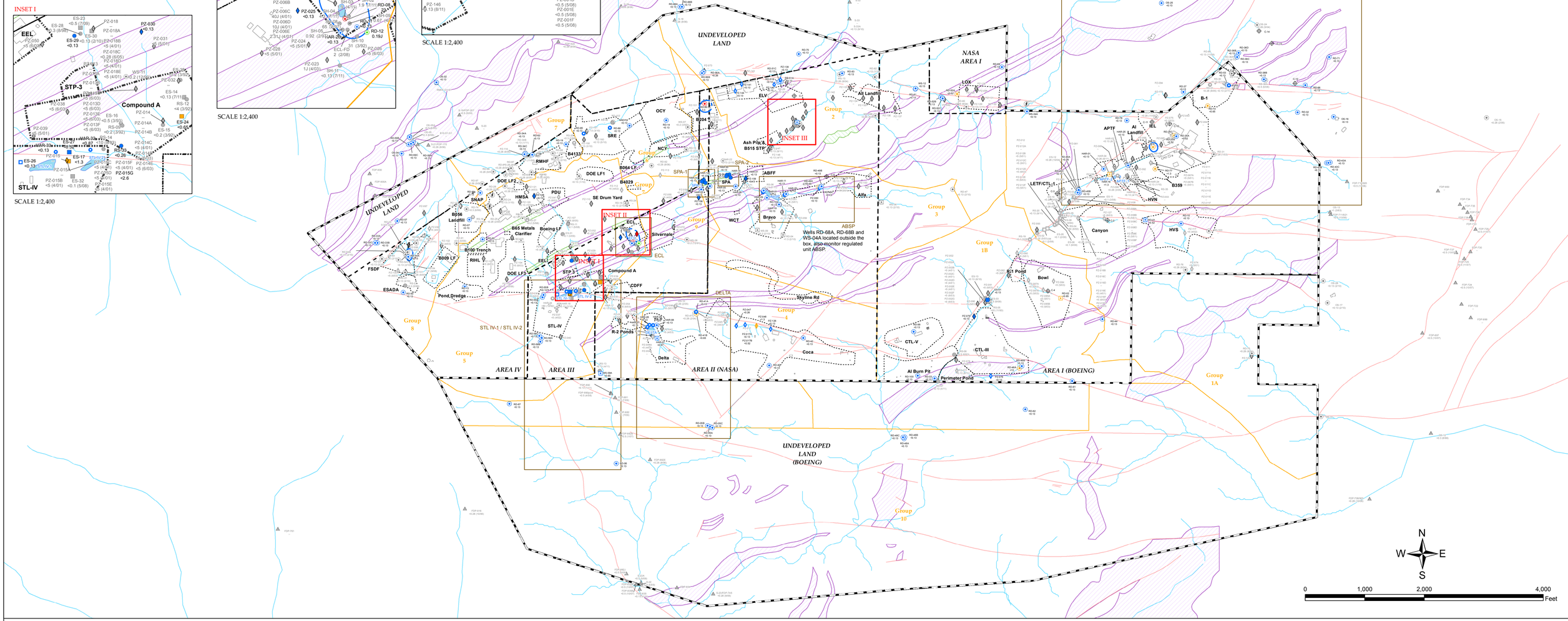

LEGEND

Symbol Color for 2012 Groundwater Results

- Detection exceeding screening level at least once in 2012 dataset
- Detected below screening level in 2012 dataset
- Not detected in 2012 dataset
- Detection limit exceeds screening level for all 2012 results at this location
- Not sampled/analyzed in 2012 dataset

Values posted beneath well identifiers are maximum concentrations in micrograms per liter (ug/L) detected in 2012 at each location.

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Only primary results are shown.

Well Type and Groundwater Zone

Groundwater Extraction Wells

- Groundwater Extraction Well, Perched
- Groundwater Extraction Well, Near Surface (Monitors Regional Water Table)
- Groundwater Extraction Well, Chatsworth Formation

Groundwater Monitoring Wells

- Groundwater Monitoring Well, Perched
- Groundwater Monitoring Well, Near Surface (Monitors Regional Water Table)
- Groundwater Monitoring Well, Chatsworth Formation

Piezometers

- Piezometer, Perched
- Piezometer, Near Surface (Monitors Regional Water Table)
- Piezometer, Chatsworth Formation

Seeps/Springs

- Seep/spring

Other

- Abandoned Well
- Core Holes

Geology

- Faults
- Drainages
- Outcrops
- Finer Grained Unit (shale/siltstone)
- Area in Which Finer Grained Unit May Be Discontinuous

Basemap

- Administrative Area Boundary
- RI Site Boundary
- SMOU Reporting Group Boundary
- Regulated Units
- Post-Closure Impoundments

Areas of Impacted Groundwater

- 1,2-Dichloroethane in Groundwater above Cal MCL of 0.5 ug/L from 2011 Report on Annual Groundwater Monitoring (areas of impacted groundwater from Groundwater RI Report (MWH, 2009) based on historical dataset through 2nd Quarter 2008 with adjustments based on results through 2011)

RI Sites

Group 1A

APTF	Advanced Propulsion Test Facility
Al Landfill	Area I Landfill
B-1	B-1 Area
B359	Building 1359 Area
Canyon	Canyon Area
HVN	Happy Valley North
HVS	Happy Valley South
IEL	Instrument and Equipment Laboratories
LETF/CTL-I	Laser Engineering Test Facility/ Component Test Laboratory I

Group 1B

Bowl	Bowl Area
CTL-III	Component Test Laboratory III
CTL-V	Component Test Laboratory V
Perimeter Pond	Perimeter Pond
R-1 Pond	R-1 Pond
Al Burn Pit	Area I Burn Pit

Group 2

All Landfill	Area II Landfill
Ash Pile & B515 STP	Former Area II Incinerator Ash Pile & Building 515 Sewage Treatment Plant
ELV	Expendable Launch Vehicle
LOX	Liquid Oxygen Plant

Group 3

ABFF	Alfa/Bravo Fuel Farm
Alfa	Alfa Area
B204	Building 204 Area
Bravo	Bravo Area
WCT	Hazardous Waste Coolant Tank
SPA	Storable Propellant Area
Skyline Rd	Skyline Road Area

Group 4

Coca	Coca Area
Delta	Delta Area
PLF	Propellant Load Facility

Group 5

B100 Trench	Building 100 Trench
B65 Metals Clarifier	Building 65 Metals Laboratory Clarifier
Boeing LF	Boeing Area IV Leach Fields
Compound A	Compound A Facility
DOE LF1	Department of Energy Leach Field 1
DOE LF2	Department of Energy Leach Field 2
DOE LF3	Department of Energy Leach Field 3
ECL	Engineering Chemistry Laboratory
EEL	Environmental Effects Laboratory
HMSA	Hazardous Material Storage Area
PDU	Process Development Unit
Pond Dredge	Pond Dredge Area
RIHL	Rockwell International Hot Laboratory
SE Drum Yard	Southeast Drum Storage Yard
SNAP	Systems for Nuclear Auxiliary Power Facility
STL-IV	Systems Test Laboratory IV
STP-3	Area III Sewage Treatment Plant

Group 6

B064 LF	Building 064 Leach Field
NCY	New Conservation Yard
OCY	Old Conservation Yard
SRE	Sodium Reactor Experiment

Group 7

RMHF	Radioactive Materials Handling Facility
B4029	Building 4029 Reactive Metals Storage Yard
B4133	Building 4133 Sodium Burn Facility

Group 8

B009 LF	Building 009 Leach Field
B056 Landfill	Building 056 Landfill
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FSDF	Former Sodium Disposal Facility

Group 9

CDFF	Coca/Delta Fuel Farm
R-2 Ponds	R-2A and R-2B Ponds
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Printing Date: 2/17/2013
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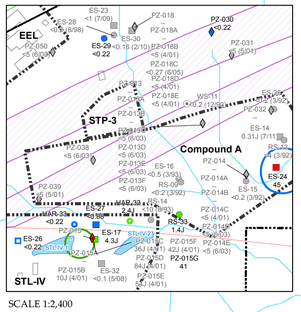
MWH

SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA
FEBRUARY 2013

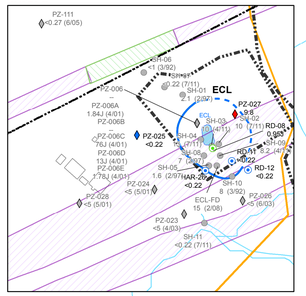
EXTENT OF 1,2-DICHLOROETHANE IN GROUNDWATER, 2012
FIGURE 13

INSET I



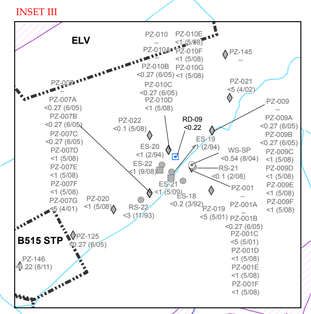
SCALE 1:2,400

INSET II



SCALE 1:2,400

INSET III



SCALE 1:2,400

LEGEND

Symbol Color for 2012 Groundwater Results

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- Not detected in 2012 dataset
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- Groundwater Extraction Well, Chatsworth Formation

Groundwater Monitoring Wells

- Groundwater Monitoring Well, Perched
- Groundwater Monitoring Well, Near Surface (Monitors Regional Water Table)
- Groundwater Monitoring Well, Chatsworth Formation

Piezometers

- Piezometer, Perched
- Piezometer, Near Surface (Monitors Regional Water Table)
- Piezometer, Chatsworth Formation

Seeps/Springs

- Seep/spring

Other

- Abandoned Well
- Core Holes

Geology

- Faults
- Drainages
- Outcrops
- Finer Grained Unit (shale/siltstone)
- Area in Which Finer Grained Unit May Be Discontinuous

Basemap

- Administrative Area Boundary
- RI Site Boundary
- SMOU Reporting Group Boundary
- Regulated Units
- Post-Closure Impoundments

Areas of Impacted Groundwater

- 1,1-Dichloroethane in Groundwater above Cal MCL of 5 ug/L from 2011 Report on Annual Groundwater Monitoring (areas of impacted groundwater from Groundwater RI Report (MWH, 2009) based on historical dataset through 2nd Quarter 2008 with adjustments based on results through 2011)
- Adjusted Boundaries based on 2012 Results

RI Sites

Group 1A

APTF	Advanced Propulsion Test Facility
AI Landfill	Area I Landfill
B-1	B-1 Area
B359	Building 1359 Area
Canyon	Canyon Area
HVN	Happy Valley North
HVS	Happy Valley South
IEL	Instrument and Equipment Laboratories
LETF/CTL-I	Laser Engineering Test Facility/ Component Test Laboratory I

Group 1B

Bowl	Bowl Area
CTL-III	Component Test Laboratory III
CTL-V	Component Test Laboratory V
Perimeter Pond	Perimeter Pond
R-1 Pond	R-1 Pond
Al Burn Pit	Area I Burn Pit

Group 2

All Landfill	Area II Landfill
Ash Pile & B515 STP	Former Area II Incinerator Ash Pile & Building 515 Sewage Treatment Plant
ELV	Expendable Launch Vehicle
LOX	Liquid Oxygen Plant

Group 3

ABFF	Alfa/Bravo Fuel Farm
Alfa	Alfa Area
B204	Building 204 Area
Bravo	Bravo Area
WCT	Hazardous Waste Coolant Tank
SPA	Storable Propellant Area
Skyline Rd	Skyline Road Area

Group 4

Coca	Coca Area
Delta	Delta Area
PLF	Propellant Load Facility

Group 5

B100 Trench	Building 100 Trench
B65 Metals Clarifier	Building 65 Metals Laboratory Clarifier
Boeing LF	Boeing Area IV Leach Fields
Compound A	Compound A Facility
DOE LF1	Department of Energy Leach Field 1
DOE LF2	Department of Energy Leach Field 2
DOE LF3	Department of Energy Leach Field 3
ECL	Engineering Chemistry Laboratory
EEL	Environmental Effects Laboratory
HMSA	Hazardous Material Storage Area
PDU	Process Development Unit
Pond Dredge	Pond Dredge Area
RIHL	Rockwell International Hot Laboratory
SE Drum Yard	Southeast Drum Storage Yard
SNAP	Systems for Nuclear Auxiliary Power Facility
STL-IV	Systems Test Laboratory IV
STP-3	Area III Sewage Treatment Plant

Group 6

B064 LF	Building 064 Leach Field
NCY	New Conservation Yard
OCY	Old Conservation Yard
SRE	Sodium Reactor Experiment

Group 7

RMHF	Radioactive Materials Handling Facility
B4029	Building 4029 Reactive Metals Storage Yard
B4133	Building 4133 Sodium Burn Facility

Group 8

B009 LF	Building 009 Leach Field
B056 Landfill	Building 056 Landfill
ESADA	Empire State Atomic Development Authority
FSDF	Former Sodium Disposal Facility

Group 9

CDFF	Coca/Delta Fuel Farm
R-2 Ponds	R-2A and R-2B Ponds
Silvernale	Silvernale Resevoir

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MWH

SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA
FEBRUARY 2013

EXTENT OF 1,1-DICHLOROETHANE IN GROUNDWATER, 2012
FIGURE 14

Printing Date: 2/17/2013
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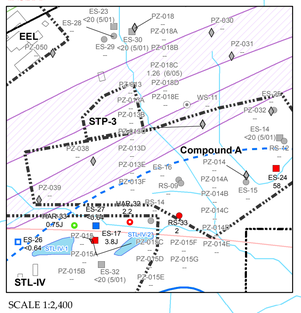
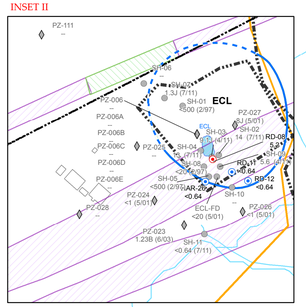
INSET I



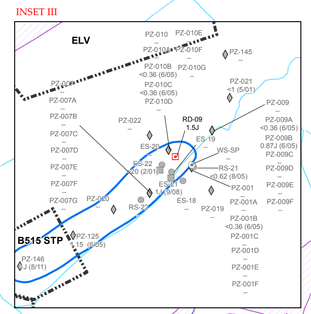
SCALE 1:2,400

INSET II



SCALE 1:2,400

INSET III



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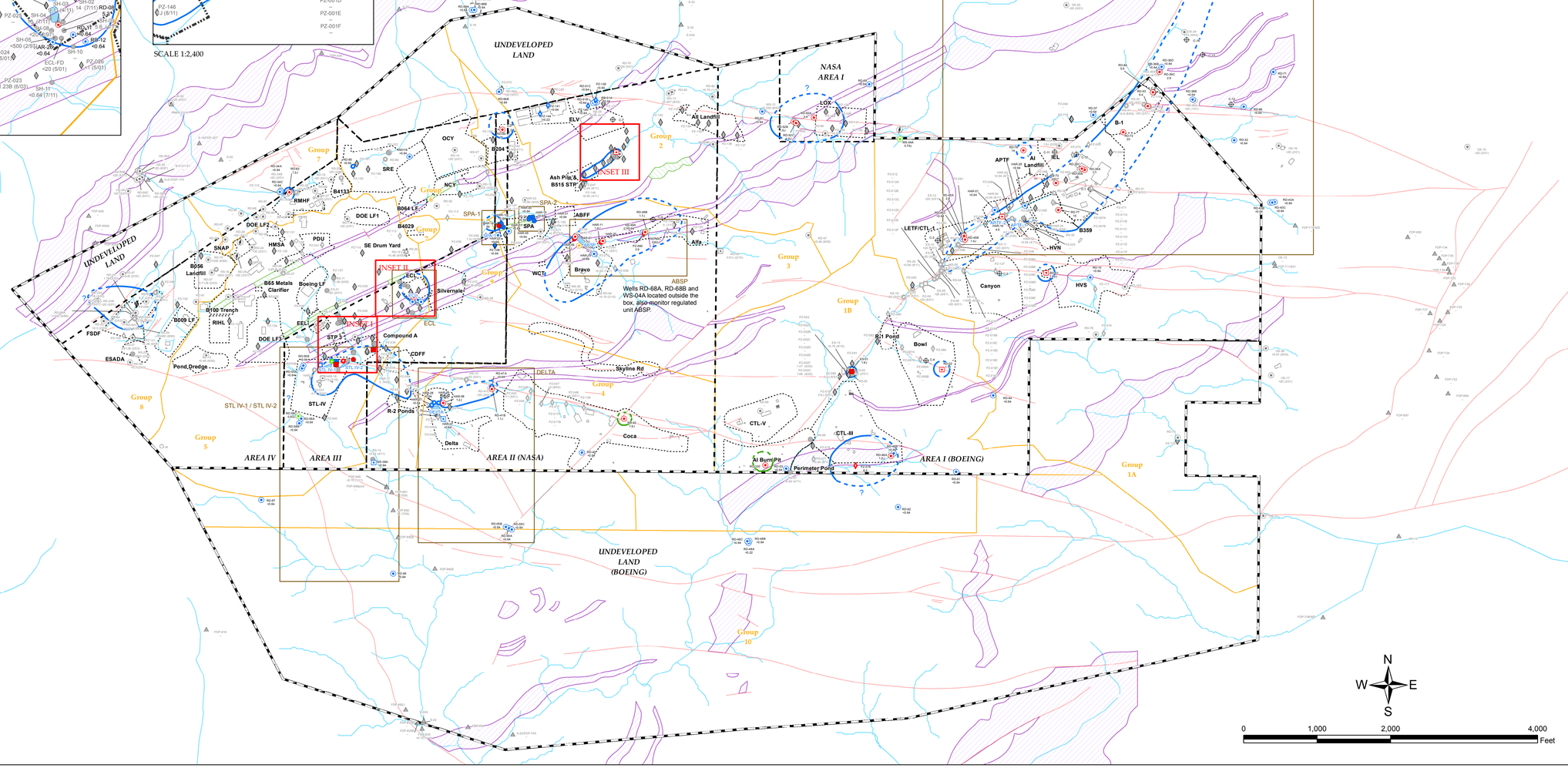

LEGEND

Symbol Color for 2012 Groundwater Results

- Detection exceeding screening level at least once in 2012 dataset
- Detected below screening level in 2012 dataset
- Not detected in 2012 dataset
- Detection limit exceeds screening level for all 2012 results at this location
- Not sampled/analyzed in 2012 dataset

Values posted beneath well identifiers are maximum concentrations in micrograms per liter (ug/L) detected in 2012 at each location.

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Only primary results are shown.

Well Type and Groundwater Zone

Groundwater Extraction Wells

- Groundwater Extraction Well, Perched
- Groundwater Extraction Well, Near Surface (Monitors Regional Water Table)
- Groundwater Extraction Well, Chatsworth Formation

Groundwater Monitoring Wells

- Groundwater Monitoring Well, Perched
- Groundwater Monitoring Well, Near Surface (Monitors Regional Water Table)
- Groundwater Monitoring Well, Chatsworth Formation

Piezometers

- Piezometer, Perched
- Piezometer, Near Surface (Monitors Regional Water Table)
- Piezometer, Chatsworth Formation

Seeps/Springs

- Seep/spring

Other

- Abandoned Well
- Core Holes

Geology

- Faults
- Drainages
- Outcrops
- Finer Grained Unit (shale/siltstone)
- Area in Which Finer Grained Unit May Be Discontinuous

Basemap

- Administrative Area Boundary
- RI Site Boundary
- SMOU Reporting Group Boundary
- Regulated Units
- Post-Closure Impoundments

Areas of Impacted Groundwater

- 1,4-Dioxane in Groundwater above Notification Level of 1 ug/L from 2011 Report on Annual Groundwater Monitoring (areas of impacted groundwater from Groundwater RI Report (MWH, 2009) based on historical dataset through 2nd Quarter 2008 with adjustments based on results through 2011)
- Adjusted Boundaries based on 2012 Results
- No longer present above screening value

RI Sites

Group 1A

APTF	Advanced Propulsion Test Facility
Al Landfill	Area I Landfill
B-1	B-1 Area
B359	Building 1359 Area
Canyon	Canyon Area
HVN	Happy Valley North
HVS	Happy Valley South
IEL	Instrument and Equipment Laboratories
LETF/CTL-I	Laser Engineering Test Facility/ Component Test Laboratory I

Group 1B

Bowl	Bowl Area
CTL-III	Component Test Laboratory III
CTL-V	Component Test Laboratory V
Perimeter Pond	Perimeter Pond
R-1 Pond	R-1 Pond
Al Burn Pit	Area I Burn Pit

Group 2

All Landfill	Area II Landfill
Ash Pile & B515 STP	Former Area II Incinerator Ash Pile & Building 515 Sewage Treatment Plant
ELV	Expendable Launch Vehicle
LOX	Liquid Oxygen Plant

Group 3

ABFF	Alfa/Bravo Fuel Farm
Alfa	Alfa Area
B204	Building 204 Area
Bravo	Bravo Area
WCT	Hazardous Waste Coolant Tank
SPA	Storable Propellant Area
Skyline Rd	Skyline Road Area

Group 4

Coca	Coca Area
Delta	Delta Area
PLF	Propellant Load Facility

Group 5

B100 Trench	Building 100 Trench
B65 Metals Clarifier	Building 65 Metals Laboratory Clarifier
Boeing LF	Boeing Area IV Leach Fields
Compound A	Compound A Facility
DOE LF1	Department of Energy Leach Field 1
DOE LF2	Department of Energy Leach Field 2
DOE LF3	Department of Energy Leach Field 3
ECL	Engineering Chemistry Laboratory
EEL	Environmental Effects Laboratory
HMSA	Hazardous Material Storage Area
PDU	Process Development Unit
Pond Dredge	Pond Dredge Area
RIHL	Rockwell International Hot Laboratory
SE Drum Yard	Southeast Drum Storage Yard
SNAP	Systems for Nuclear Auxiliary Power Facility
STL-IV	Systems Test Laboratory IV
STP-3	Area III Sewage Treatment Plant

Group 6

B064 LF	Building 064 Leach Field
NCY	New Conservation Yard
OCY	Old Conservation Yard
SRE	Sodium Reactor Experiment

Group 7

RMHF	Radioactive Materials Handling Facility
B4029	Building 4029 Reactive Metals Storage Yard
B4133	Building 4133 Sodium Burn Facility

Group 8

B009 LF	Building 009 Leach Field
B056 Landfill	Building 056 Landfill
ESADA	Empire State Atomic Development Authority
FSDF	Former Sodium Disposal Facility

Group 9

CDFF	Coca/Delta Fuel Farm
R-2 Ponds	R-2A and R-2B Ponds
Silvernale	Silvernale Resevoir

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N W E S

0 1,000 2,000 4,000 Feet

MWH

SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA
FEBRUARY 2013

EXTENT OF 1,4-DIOXANE IN GROUNDWATER, 2012
FIGURE 15

Printing Date: 2/17/2013
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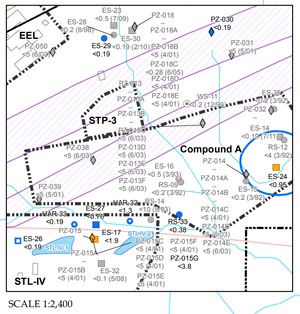
INSET I



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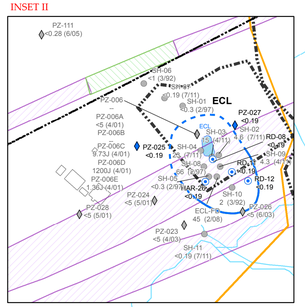
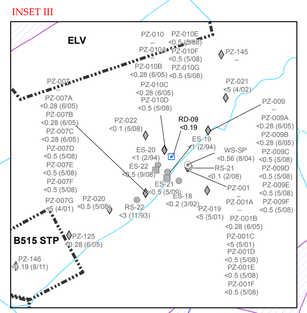
INSET II



SCALE 1:2,400

INSET III



SCALE 1:2,400

0 1,000 2,000 4,000 Feet

N W E S

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LEGEND

Symbol Color for 2012 Groundwater Results

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Groundwater Monitoring Wells

- Groundwater Monitoring Well, Perched
- Groundwater Monitoring Well, Near Surface (Monitors Regional Water Table)
- Groundwater Monitoring Well, Chatsworth Formation

Piezometers

- Piezometer, Perched
- Piezometer, Near Surface (Monitors Regional Water Table)
- Piezometer, Chatsworth Formation

Seeps/Springs

- Seep/spring

Other

- Abandoned Well
- Core Holes

Geology

- Faults
- Drainages
- Outcrops
- Finer Grained Unit (shale/siltstone)
- Area in Which Finer Grained Unit May Be Discontinuous

Basemap

- Administrative Area Boundary
- RI Site Boundary
- SMOU Reporting Group Boundary
- Regulated Units
- Post-Closure Impoundments

Areas of Impacted Groundwater

- Carbon Tetrachloride in Groundwater above Cal MCL of 0.5 ug/L from 2011 Report on Annual Groundwater Monitoring (areas of impacted groundwater from Groundwater RI Report (MWH, 2009) based on historical dataset through 2nd Quarter 2008 with adjustments based on results through 2011)
- Adjusted Boundaries based on 2012 Results
- No longer present above screening value

RI Sites

Group 1A

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Al Landfill	Area I Landfill
B-1	B-1 Area
B359	Building 1359 Area
Canyon	Canyon Area
HVN	Happy Valley North
HVS	Happy Valley South
IEL	Instrument and Equipment Laboratories
LETF/CTL-I	Laser Engineering Test Facility/ Component Test Laboratory I

Group 1B

Bowl	Bowl Area
CTL-III	Component Test Laboratory III
CTL-V	Component Test Laboratory V
Perimeter Pond	Perimeter Pond
R-1 Pond	R-1 Pond
Al Burn Pit	Area I Burn Pit

Group 2

All Landfill	Area II Landfill
Ash Pile & B515 STP	Former Area II Incinerator Ash Pile & Building 515 Sewage Treatment Plant
ELV	Expendable Launch Vehicle
LOX	Liquid Oxygen Plant

Group 3

ABFF	Alfa/Bravo Fuel Farm
Alfa	Alfa Area
B204	Building 204 Area
Bravo	Bravo Area
WCT	Hazardous Waste Coolant Tank
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Compound A	Compound A Facility
DOE LF1	Department of Energy Leach Field 1
DOE LF2	Department of Energy Leach Field 2
DOE LF3	Department of Energy Leach Field 3
ECL	Engineering Chemistry Laboratory
EEL	Environmental Effects Laboratory
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Pond Dredge	Pond Dredge Area
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SE Drum Yard	Southeast Drum Storage Yard
SNAP	Systems for Nuclear Auxiliary Power Facility
STL-IV	Systems Test Laboratory IV
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Group 6

B064 LF	Building 064 Leach Field
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OCY	Old Conservation Yard
SRE	Sodium Reactor Experiment

Group 7

RMHF	Radioactive Materials Handling Facility
B4029	Building 4029 Reactive Metals Storage Yard
B4133	Building 4133 Sodium Burn Facility

Group 8

B009 LF	Building 009 Leach Field
B056 Landfill	Building 056 Landfill
ESADA	Empire State Atomic Development Authority
FSDF	Former Sodium Disposal Facility

Group 9

CDFF	Coca/Delta Fuel Farm
R-2 Ponds	R-2A and R-2B Ponds
Silvernale	Silvernale Resevoir

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MWH

SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA
FEBRUARY 2013

EXTENT OF CARBON TETRACHLORIDE IN GROUNDWATER, 2012
FIGURE 16

LEGEND

Symbol Color for 2012 Groundwater Results

- Detection exceeding screening level at least once in 2012 dataset
- Detected below screening level in 2012 dataset
- Not detected in 2012 dataset
- Detection limit exceeds screening level for all 2012 results at this location
- Not sampled/analyzed in 2012 dataset

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- Groundwater Extraction Well, Chatsworth Formation

Groundwater Monitoring Wells
- Groundwater Monitoring Well, Perched
- Groundwater Monitoring Well, Near Surface (Monitors Regional Water Table)
- Groundwater Monitoring Well, Chatsworth Formation

Piezometers
- Piezometer, Perched
- Piezometer, Near Surface (Monitors Regional Water Table)
- Piezometer, Chatsworth Formation

Seeps/Springs
- Seep/spring

Other
- Abandoned Well
- Core Holes

Geology
- Faults
- Drainages
- Outcrops
- Finer Grained Unit (shale/siltstone)
- Area in Which Finer Grained Unit May Be Discontinuous

Basemap
- Administrative Area Boundary
- RI Site Boundary
- SMOU Reporting Group Boundary
- Regulated Units
- Post-Closure Impoundments

Areas of Impacted Groundwater
- 1,2,3-Trichloropropane in Groundwater above Notification Level of 0.005 ug/L from 2011 Report on Annual Groundwater Monitoring (areas of impacted groundwater fom Groundwater RI Report (MWH, 2009) based on historical dataset through 2nd Quarter 2008 with adjustments based on results through 2011)

RI Sites

Group 1A

APTF	Advanced Propulsion Test Facility
AI Landfill	Area I Landfill
B-1	B-1 Area
B359	Building 1359 Area
Canyon	Canyon Area
HVN	Happy Valley North
HVS	Happy Valley South
IEL	Instrument and Equipment Laboratories
LETF/CTL-I	Laser Engineering Test Facility/ Component Test Laboratory I

Group 1B

Bowl	Bowl Area
CTL-III	Component Test Laboratory III
CTL-V	Component Test Laboratory V
Perimeter Pond	Perimeter Pond
R-1 Pond	R-1 Pond
AI Burn Pit	Area I Burn Pit

Group 2

AII Landfill	Area II Landfill
Ash Pile & B515 STP	Former Area II Incinerator Ash Pile & Building 515 Sewage Treatment Plant
ELV	Expendable Launch Vehicle
LOX	Liquid Oxygen Plant

Group 3

ABFF	Alfa/Bravo Fuel Farm
Alfa	Alfa Area
B204	Building 204 Area
Bravo	Bravo Area
WCT	Hazardous Waste Coolant Tank
SPA	Storable Propellant Area
Skyline Rd	Skyline Road Area

Group 4

Coca	Coca Area
Delta	Delta Area
PLF	Propellant Load Facility

Group 5

B100 Trench	Building 100 Trench
B65 Metals Clarifier	Building 65 Metals Laboratory Clarifier
Boeing LF	Boeing Area IV Leach Fields
Compound A	Compound A Facility
DOE LF1	Department of Energy Leach Field 1
DOE LF2	Department of Energy Leach Field 2
DOE LF3	Department of Energy Leach Field 3
ECL	Engineering Chemistry Laboratory
EEL	Environmental Effects Laboratory
HMSA	Hazardous Material Storage Area
PDU	Process Development Unit
Pond Dredge	Pond Dredge Area
RIHL	Rockwell International Hot Laboratory
SE Drum Yard	Southeast Drum Storage Yard
SNAP	Systems for Nuclear Auxiliary Power Facility
STL-IV	Systems Test Laboratory IV
STP-3	Area III Sewage Treatment Plant

Group 6

B064 LF	Building 064 Leach Field
NCY	New Conservation Yard
OCY	Old Conservation Yard
SRE	Sodium Reactor Experiment

Group 7

RMHF	Radioactive Materials Handling Facility
B4029	Building 4029 Reactive Metals Storage Yard
B4133	Building 4133 Sodium Burn Facility

Group 8

B009 LF	Building 009 Leach Field
B056 Landfill	Building 056 Landfill
ESADA	Empire State Atomic Development Authority
FSDF	Former Sodium Disposal Facility

Group 9

CDFF	Coca/Delta Fuel Farm
R-2 Ponds	R-2A and R-2B Ponds
Silvernale	Silvernale Resevoir

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.

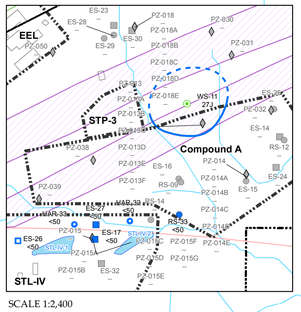
MWH

SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA
FEBRUARY 2013

EXTENT OF 1,2,3-TRICHLOROPROPANE IN GROUNDWATER, 2012
FIGURE 17

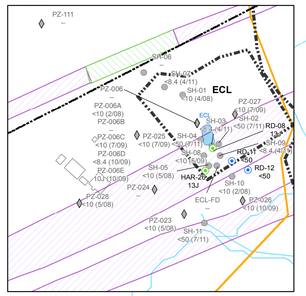
Printing Date: 2/17/2013
U:\BoeingSantaSusana\MXD\GW Monitoring\2012_4Q\Fig17_123TCP.mxd

INSET I



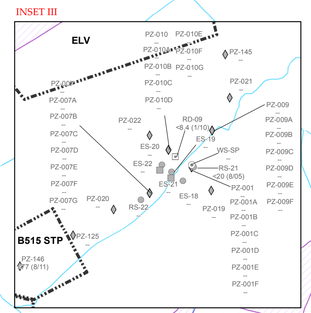
SCALE 1:2,400

INSET II

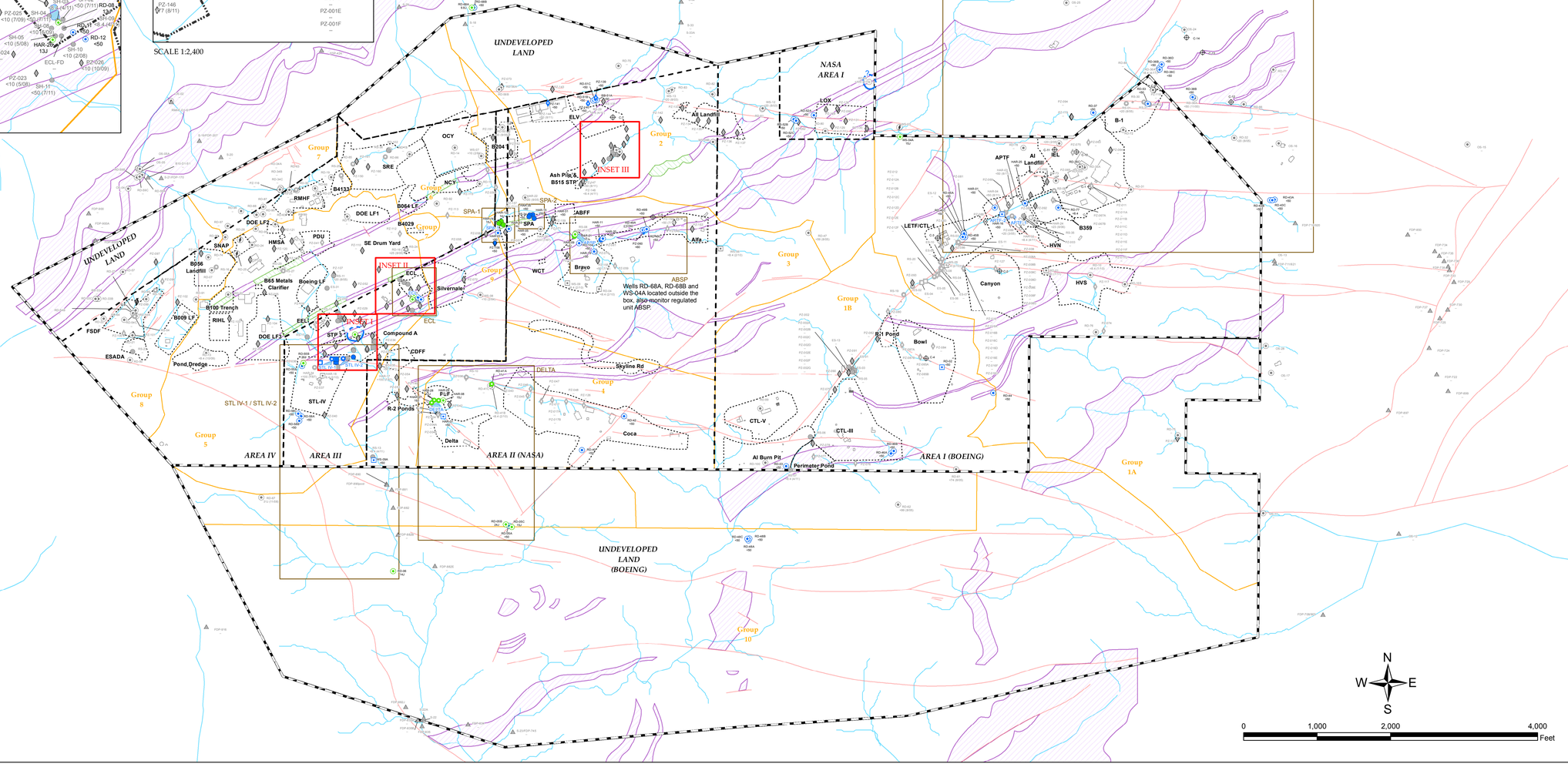


SCALE 1:2,400

INSET III



SCALE 1:2,400



LEGEND

Symbol Color for 2012 Groundwater Results

- Detection exceeding screening level at least once in 2012 dataset
- Detected below screening level in 2012 dataset
- Not detected in 2012 dataset
- Detection limit exceeds screening level for all 2012 results at this location
- Not sampled/analyzed in 2012 dataset

Values posted beneath well identifiers are maximum concentrations in micrograms per liter (ug/L) detected in 2012 at each location.

Values posted at locations with no 2012 results are for the most recent analytical result with collection date shown in parentheses.

Only primary results are shown.

Well Type and Groundwater Zone

Groundwater Extraction Wells

- Groundwater Extraction Well, Perched
- Groundwater Extraction Well, Near Surface (Monitors Regional Water Table)
- Groundwater Extraction Well, Chatsworth Formation

Groundwater Monitoring Wells

- Groundwater Monitoring Well, Perched
- Groundwater Monitoring Well, Near Surface (Monitors Regional Water Table)
- Groundwater Monitoring Well, Chatsworth Formation

Piezometers

- Piezometer, Perched
- Piezometer, Near Surface (Monitors Regional Water Table)
- Piezometer, Chatsworth Formation

Seeps/Springs

- Seep/spring

Other

- Abandoned Well
- Core Holes

Geology

- Faults
- Drainages
- Outcrops
- Finer Grained Unit (shale/siltstone)
- Area in Which Finer Grained Unit May Be Discontinuous

Basemap

- Administrative Area Boundary
- RI Site Boundary
- SMOU Reporting Group Boundary
- Regulated Units
- Post-Closure Impoundments

Areas of Impacted Grounwater

- Formaldehyde in Groundwater above Notification Level of 100 ug/L from 2011 Report on Annual Groundwater Monitoring (areas of impacted groundwater from Groundwater RI Report (MWH, 2009) based on historical dataset through 2nd Quarter 2008 with adjustments based on results through 2011)

RI Sites

Group 1A

APTF	Advanced Propulsion Test Facility
Al Landfill	Area I Landfill
B-1	B-1 Area
B359	Building 1359 Area
Canyon	Canyon Area
HVN	Happy Valley North
HVS	Happy Valley South
IEL	Instrument and Equipment Laboratories
LETF/CTL-I	Laser Engineering Test Facility/ Component Test Laboratory I

Group 1B

Bowl	Bowl Area
CTL-III	Component Test Laboratory III
CTL-V	Component Test Laboratory V
Perimeter Pond	Perimeter Pond
R-1 Pond	R-1 Pond
Al Burn Pit	Area I Burn Pit

Group 2

All Landfill	Area II Landfill
Ash Pile & B515 STP	Former Area II Incinerator Ash Pile & Building 515 Sewage Treatment Plant
ELV	Expendable Launch Vehicle
LOX	Liquid Oxygen Plant

Group 3

ABFF	Alfa/Bravo Fuel Farm
Alfa	Alfa Area
B204	Building 204 Area
Bravo	Bravo Area
WCT	Hazardous Waste Coolant Tank
SPA	Storable Propellant Area
Skyline Rd	Skyline Road Area

Group 4

Coca	Coca Area
Delta	Delta Area
PLF	Propellant Load Facility

Group 5

B100 Trench	Building 100 Trench
B65 Metals Clarifier	Building 65 Metals Laboratory Clarifier
Boeing LF	Boeing Area IV Leach Fields
Compound A	Compound A Facility
DOE LF1	Department of Energy Leach Field 1
DOE LF2	Department of Energy Leach Field 2
DOE LF3	Department of Energy Leach Field 3
ECL	Engineering Chemistry Laboratory
EEL	Environmental Effects Laboratory
HMSA	Hazardous Material Storage Area
PDU	Process Development Unit
Pond Dredge	Pond Dredge Area
RIHL	Rockwell International Hot Laboratory
SE Drum Yard	Southeast Drum Storage Yard
SNAP	Systems for Nuclear Auxiliary Power Facility
STL-IV	Systems Test Laboratory IV
STP-3	Area III Sewage Treatment Plant

Group 6

B064 LF	Building 064 Leach Field
NCY	New Conservation Yard
OCY	Old Conservation Yard
SRE	Sodium Reactor Experiment

Group 7

RMHF	Radioactive Materials Handling Facility
B4029	Building 4029 Reactive Metals Storage Yard
B4133	Building 4133 Sodium Burn Facility

Group 8

B009 LF	Building 009 Leach Field
B056 Landfill	Building 056 Landfill
ESADA	Empire State Atomic Development Authority
FSDF	Former Sodium Disposal Facility

Group 9

CDFF	Coca/Delta Fuel Farm
R-2 Ponds	R-2A and R-2B Ponds
Silvernale	Silvernale Resevoir

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.

MWH

SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA
FEBRUARY 2013

EXTENT OF FORMALDEHYDE IN GROUNDWATER, 2012
FIGURE 18

Printing Date: 2/17/2013
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INSET I

SCALE 1:2,400

INSET II

SCALE 1:2,400

INSET III

SCALE 1:2,400

Wells RD-03, RD-46A, RD-46B, RD-48A, RD-48B, RD-48C, RD-51A, RD-51B, RD-51C, RD-52A, RD-52B, RD-52C, and RS-07 located outside the box, also monitor regulated units APTF-1 and APTF-2

APTF-1 / APTF-2

ABSP

Wells RD-68A, RD-68B and WS-04A located outside the box, also monitor regulated unit ABSP

UNDEVELOPED LAND

UNDEVELOPED LAND

UNDEVELOPED LAND (BOEING)

NASA AREA I

AREA I (BOEING)

AREA II (NASA)

AREA III

AREA IV

STL IV-1 / STL IV-2

DELTA

N

W

E

S

0 1,000 2,000 4,000 Feet

LEGEND

Symbol Color for 2012 Groundwater Results

- Detection exceeding screening level at least once in 2012 dataset
- Detected below screening level in 2012 dataset
- Not detected in 2012 dataset
- Detection limit exceeds screening level for all 2012 results at this location
- Not sampled/analyzed in 2012 dataset

Values posted beneath well identifiers are maximum concentrations in micrograms per liter (ug/L) detected in 2012 at each location.

Values posted at locations with no 2012 results are for the most recent analytical result with collection date shown in parentheses.

Only primary results are shown.

Well Type and Groundwater Zone

Groundwater Extraction Wells

- Groundwater Extraction Well, Perched
- Groundwater Extraction Well, Near Surface (Monitors Regional Water Table)
- Groundwater Extraction Well, Chatsworth Formation

Groundwater Monitoring Wells

- Groundwater Monitoring Well, Perched
- Groundwater Monitoring Well, Near Surface (Monitors Regional Water Table)
- Groundwater Monitoring Well, Chatsworth Formation

Piezometers

- Piezometer, Perched
- Piezometer, Near Surface (Monitors Regional Water Table)
- Piezometer, Chatsworth Formation

Seeps/Springs

- Seep/spring

Other

- Abandoned Well
- Core Holes

Geology

- Faults
- Drainages
- Outcrops
- Finer Grained Unit (shale/siltstone)
- Area in Which Finer Grained Unit May Be Discontinuous

Basemap

- Administrative Area Boundary
- RI Site Boundary
- SMOU Reporting Group Boundary
- Regulated Units
- Post-Closure Impoundments

Areas of Impacted Groundwater

- TPH in Groundwater above Taste/Odor Threshold of 100 ug/L for TPH C12-C30, and reporting limit of 50 ug/L for TPH C4-C12 from 2011 Report on Annual Groundwater Monitoring (areas of impacted groundwater from Groundwater Groundwater RI Report (MWH, 2009) based on historical dataset through 2nd Quarter 2008 with adjustments based on results through 2011).
- Adjusted Boundaries based on 2012 Results

Note 1: Data presented in the figure are a combination of Gasoline Range Organic hydrocarbon, Diesel Range Organic hydrocarbon, or other Total Petroleum hydrocarbon type analysis results for various carbon-chain ranges from C4 to C30.

Note 2: Gasoline Range Organics groundwater data were screened against the typical laboratory reporting limit of 50 ug/L rather than the Taste/Odor Threshold of 5 ug/L.

RI Sites

Group 1A

APTF	Advanced Propulsion Test Facility
Al Landfill	Area I Landfill
B-1	B-1 Area
B359	Building 1359 Area
Canyon	Canyon Area
HVN	Happy Valley North
HVS	Happy Valley South
IEL	Instrument and Equipment Laboratories
LETF/CTL-I	Laser Engineering Test Facility/ Component Test Laboratory I

Group 1B

Bowl	Bowl Area
CTL-III	Component Test Laboratory III
CTL-V	Component Test Laboratory V
Perimeter Pond	Perimeter Pond
R-1 Pond	R-1 Pond
Al Burn Pit	Area I Burn Pit

Group 2

All Landfill	Area II Landfill
Ash Pile & B515 STP	Former Area II Incinerator Ash Pile & Building 515 Sewage Treatment Plant
ELV	Expendable Launch Vehicle
LOX	Liquid Oxygen Plant

Group 3

ABFF	Alfa/Bravo Fuel Farm
Alfa	Alfa Area
B204	Building 204 Area
Bravo	Bravo Area
WCT	Hazardous Waste Coolant Tank
SPA	Storable Propellant Area
Skyline Rd	Skyline Road Area

Group 4

Coca	Coca Area
Delta	Delta Area
PLF	Propellant Load Facility

Group 5

B100 Trench	Building 100 Trench
B65 Metals Clarifier	Building 65 Metals Laboratory Clarifier
Boeing LF	Boeing Area IV Leach Fields
Compound A	Compound A Facility
DOE LF1	Department of Energy Leach Field 1
DOE LF2	Department of Energy Leach Field 2
DOE LF3	Department of Energy Leach Field 3
ECL	Engineering Chemistry Laboratory
EEL	Environmental Effects Laboratory
HMSA	Hazardous Material Storage Area
PDU	Process Development Unit
Pond Dredge	Pond Dredge Area
RIHL	Rockwell International Hot Laboratory
SE Drum Yard	Southeast Drum Storage Yard
SNAP	Systems for Nuclear Auxiliary Power Facility
STL-IV	Systems Test Laboratory IV
STP-3	Area III Sewage Treatment Plant

Group 6

B064 LF	Building 064 Leach Field
NCY	New Conservation Yard
OCY	Old Conservation Yard
SRE	Sodium Reactor Experiment

Group 7

RMHF	Radioactive Materials Handling Facility
B4029	Building 4029 Reactive Metals Storage Yard
B4133	Building 4133 Sodium Burn Facility

Group 8

B009 LF	Building 009 Leach Field
B056 Landfill	Building 056 Landfill
ESADA	Empire State Atomic Development Authority
FSDF	Former Sodium Disposal Facility

Group 9

CDFF	Coca/Delta Fuel Farm
R-2 Ponds	R-2A and R-2B Ponds
Silvernale	Silvernale Resevoir

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.

MWH

SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA
FEBRUARY 2013

EXTENT OF TOTAL PETROLEUM HYDROCARBONS C4-C30 IN GROUNDWATER, 2012
FIGURE 19

Printing Date: 2/17/2013
N:\Industrial Projects\GIS\BoeingSantaSusana\MXD\GW Monitoring\2011_4Q

LEGEND

Symbol Color for 2012 Groundwater Results

- Detection exceeding screening level at least once in 2012 dataset
- Detected below screening level in 2012 dataset
- Not detected in 2012 dataset
- Detection limit exceeds screening level for all 2012 results at this location
- Not sampled/analyzed in 2012 dataset

Values posted beneath well identifiers are maximum concentrations in micrograms per liter (ug/L) detected in 2012 at each location.

Values posted at locations with no 2012 results are for the most recent analytical result with collection date shown in parentheses.

Only primary results are shown.

Printing Date: 2/17/2013
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Geology

- Faults
- Drainages
- Outcrops
- Finer Grained Unit (shale/siltstone)
- Area in Which Finer Grained Unit May Be Discontinuous

Basemap

- Administrative Area Boundary
- RI Site Boundary
- SMOU Reporting Group Boundary
- Regulated Units
- Post-Closure Impoundments

Areas of Impacted Groundwater

- NDMA in Groundwater above Notification Level of 0.01 ug/L from 2011 Report on Groundwater Monitoring (areas of impacted groundwater from Groundwater RI Report (MWH, 2009) based on historical dataset through 2nd Quarter 2008 with adjustments based on results through 2011)
- No longer present above screening value

RI Sites

Group 1A	
APTF	Advanced Propulsion Test Facility
AI Landfill	Area I Landfill
B-1	B-1 Area
B359	Building 1359 Area
Canyon	Canyon Area
HVN	Happy Valley North
HVS	Happy Valley South
IEL	Instrument and Equipment Laboratories
LETF/CTL-I	Laser Engineering Test Facility/ Component Test Laboratory I
Group 1B	
Bowl	Bowl Area
CTL-III	Component Test Laboratory III
CTL-V	Component Test Laboratory V
Perimeter Pond	Perimeter Pond
R-1 Pond	R-1 Pond
AI Burn Pit	Area I Burn Pit
Group 2	
AII Landfill	Area II Landfill
Ash Pile & B515 STP	Former Area II Incinerator Ash Pile & Building 515 Sewage Treatment Plant
ELV	Expendable Launch Vehicle
LOX	Liquid Oxygen Plant
Group 3	
ABFF	Alfa/Bravo Fuel Farm
Alfa	Alfa Area
B204	Building 204 Area
Bravo	Bravo Area
WCT	Hazardous Waste Coolant Tank
SPA	Storable Propellant Area
Skyline Rd	Skyline Road Area
Group 4	
Coca	Coca Area
Delta	Delta Area
PLF	Propellant Load Facility
Group 5	
B100 Trench	Building 100 Trench
B65 Metals Clarifier	Building 65 Metals Laboratory Clarifier
Boeing LF	Boeing Area IV Leach Fields
Compound A	Compound A Facility
DOE LF1	Department of Energy Leach Field 1
DOE LF2	Department of Energy Leach Field 2
DOE LF3	Department of Energy Leach Field 3
ECL	Engineering Chemistry Laboratory
EEL	Environmental Effects Laboratory
HMSA	Hazardous Material Storage Area
PDU	Process Development Unit
Pond Dredge	Pond Dredge Area
RIHL	Rockwell International Hot Laboratory
SE Drum Yard	Southeast Drum Storage Yard
SNAP	Systems for Nuclear Auxiliary Power Facility
STL-IV	Systems Test Laboratory IV
STP-3	Area III Sewage Treatment Plant
Group 6	
B064 LF	Building 064 Leach Field
NCY	New Conservation Yard
OCY	Old Conservation Yard
SRE	Sodium Reactor Experiment
Group 7	
RMHF	Radioactive Materials Handling Facility
B4029	Building 4029 Reactive Metals Storage Yard
B4133	Building 4133 Sodium Burn Facility
Group 8	
B009 LF	Building 009 Leach Field
B056 Landfill	Building 056 Landfill
ESADA	Empire State Atomic Development Authority
FSDF	Former Sodium Disposal Facility
Group 9	
CDFF	Coca/Delta Fuel Farm
R-2 Ponds	R-2A and R-2B Ponds
Silvernale	Silvernale Resevoir

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SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA
FEBRUARY 2013

EXTENT OF N-NITROSODIMETHYLAMINE IN GROUNDWATER, 2012
FIGURE 20

INSET I

SCALE 1:2,400

INSET II

SCALE 1:2,400

INSET III

SCALE 1:2,400

Wells RD-03, RD-46A, RD-46B, RD-48A, RD-48B, RD-48C, RD-51A, RD-51B, RD-51C, RD-52A, RD-52B, RD-52C, and RS-07 located outside the box, also monitor regulated units APTF-1 and APTF-2

APTF-1 / APTF-2

ABSP
Wells RD-68A, RD-68B and WS-04A located outside the box, also monitor regulated unit ABSP

UNDEVELOPED LAND

UNDEVELOPED LAND (BOEING)

NASA AREA I

AREA I (BOEING)

AREA II (NASA)

AREA III

AREA IV

STL IV-1 / STL IV-2

DELTA

Group 1A

Group 1B

Group 2

Group 3

Group 4

Group 5

Group 6

Group 7

Group 8

Group 9

Group 10

N

W

E

S

0 1,000 2,000 4,000 Feet

LEGEND

Symbol Color for 2012 Groundwater Results

- Detection exceeding screening level at least once in 2012 dataset
- Detected below screening level in 2012 dataset
- Not detected in 2012 dataset
- Detection limit exceeds screening level for all 2012 results at this location
- Not sampled/analyzed in 2012 dataset

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Only primary results are shown.

Well Type and Groundwater Zone

Groundwater Extraction Wells

- Groundwater Extraction Well, Perched
- Groundwater Extraction Well, Near Surface (Monitors Regional Water Table)
- Groundwater Extraction Well, Chatsworth Formation

Groundwater Monitoring Wells

- Groundwater Monitoring Well, Perched
- Groundwater Monitoring Well, Near Surface (Monitors Regional Water Table)
- Groundwater Monitoring Well, Chatsworth Formation

Piezometers

- Piezometer, Perched
- Piezometer, Near Surface (Monitors Regional Water Table)
- Piezometer, Chatsworth Formation

Seeps/Springs

- Seep/spring

Other

- Abandoned Well
- Core Holes

Geology

- Faults
- Drainages
- Outcrops
- Finer Grained Unit (shale/siltstone)
- Area in Which Finer Grained Unit May Be Discontinuous

Basemap

- Administrative Area Boundary
- RI Site Boundary
- SMOU Reporting Group Boundary
- Regulated Units
- Post-Closure Impoundments

Areas of Impacted Groundwater

- Perchlorate in Groundwater above Cal MCL of 6 ug/L from 2011 Report on Annual Groundwater Monitoring (areas of impacted groundwater from Groundwater RI Report (MWH, 2009) based on historical dataset through 2nd Quarter 2008 with adjustments based on results through 2011)
- No longer present above screening value

RI Sites

Group 1A

APTF	Advanced Propulsion Test Facility
Al Landfill	Area I Landfill
B-1	B-1 Area
B359	Building 1359 Area
Canyon	Canyon Area
HVN	Happy Valley North
HVS	Happy Valley South
IEL	Instrument and Equipment Laboratories
LETF/CTL-I	Laser Engineering Test Facility/ Component Test Laboratory I

Group 1B

Bowl	Bowl Area
CTL-III	Component Test Laboratory III
CTL-V	Component Test Laboratory V
Perimeter Pond	Perimeter Pond
R-1 Pond	R-1 Pond
Al Burn Pit	Area I Burn Pit

Group 2

All Landfill	Area II Landfill
Ash Pile & B515 STP	Former Area II Incinerator Ash Pile & Building 515 Sewage Treatment Plant
ELV	Expendable Launch Vehicle
LOX	Liquid Oxygen Plant

Group 3

ABFF	Alfa/Bravo Fuel Farm
Alfa	Alfa Area
B204	Building 204 Area
Bravo	Bravo Area
WCT	Hazardous Waste Coolant Tank
SPA	Storable Propellant Area
Skyline Rd	Skyline Road Area

Group 4

Coca	Coca Area
Delta	Delta Area
PLF	Propellant Load Facility

Group 5

B100 Trench	Building 100 Trench
B65 Metals Clarifier	Building 65 Metals Laboratory Clarifier
Boeing LF	Boeing Area IV Leach Fields
Compound A	Compound A Facility
DOE LF1	Department of Energy Leach Field 1
DOE LF2	Department of Energy Leach Field 2
DOE LF3	Department of Energy Leach Field 3
ECL	Engineering Chemistry Laboratory
EEL	Environmental Effects Laboratory
HMSA	Hazardous Material Storage Area
PDU	Process Development Unit
Pond Dredge	Pond Dredge Area
RIHL	Rockwell International Hot Laboratory
SE Drum Yard	Southeast Drum Storage Yard
SNAP	Systems for Nuclear Auxiliary Power Facility
STL-IV	Systems Test Laboratory IV
STP-3	Area III Sewage Treatment Plant

Group 6

B064 LF	Building 064 Leach Field
NCY	New Conservation Yard
OCY	Old Conservation Yard
SRE	Sodium Reactor Experiment

Group 7

RMHF	Radioactive Materials Handling Facility
B4029	Building 4029 Reactive Metals Storage Yard
B4133	Building 4133 Sodium Burn Facility

Group 8

B009 LF	Building 009 Leach Field
B056 Landfill	Building 056 Landfill
ESADA	Empire State Atomic Development Authority
FSDF	Former Sodium Disposal Facility

Group 9

CDFF	Coca/Delta Fuel Farm
R-2 Ponds	R-2A and R-2B Ponds
Silvernale	Silvernale Resevoir

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MWH

SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA
FEBRUARY 2013

EXTENT OF PERCHLORATE IN GROUNDWATER, 2012
FIGURE 21

Printing Date: 2/17/2013
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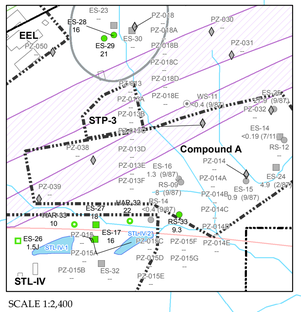
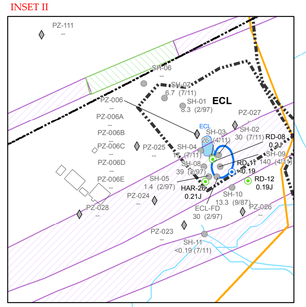
INSET I



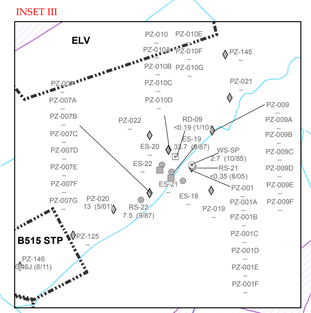
SCALE 1:2,400

INSET II

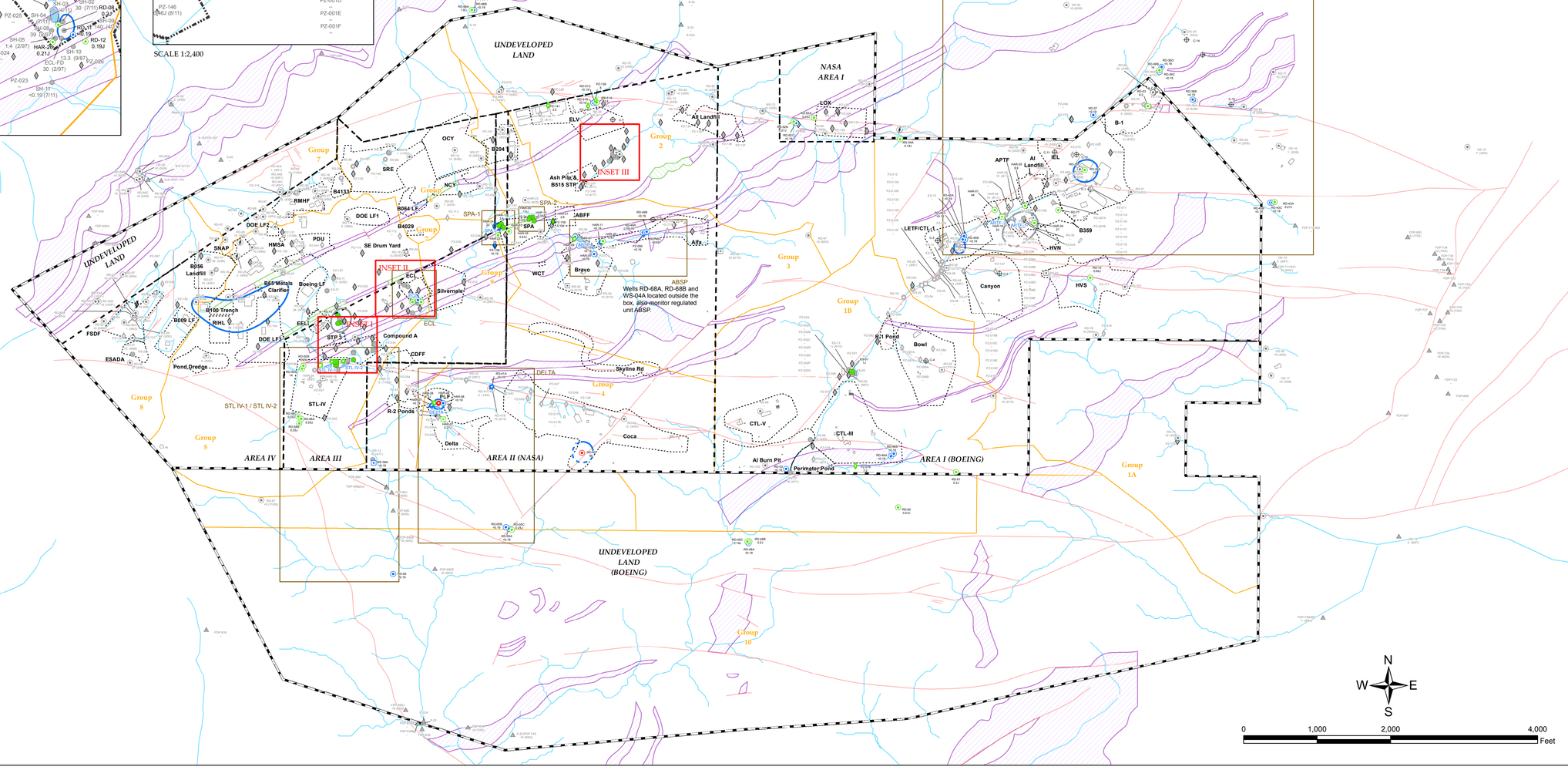


SCALE 1:2,400

INSET III



SCALE 1:2,400



LEGEND

Symbol Color for 2012 Groundwater Results

- Detection exceeding screening level at least once in 2012 dataset
- Detected below screening level in 2012 dataset
- Not detected in 2012 dataset
- Detection limit exceeds screening level for all 2012 results at this location
- Not sampled/analyzed in 2012 dataset

Values posted beneath well identifiers are maximum concentrations in micrograms per liter (ug/L) detected in 2012 at each location.

Values posted at locations with no 2012 results are for the most recent analytical result with collection date shown in parentheses.

Only primary results are shown.

Well Type and Groundwater Zone

Groundwater Extraction Wells

- Groundwater Extraction Well, Perched
- Groundwater Extraction Well, Near Surface (Monitors Regional Water Table)
- Groundwater Extraction Well, Chatsworth Formation

Groundwater Monitoring Wells

- Groundwater Monitoring Well, Perched
- Groundwater Monitoring Well, Near Surface (Monitors Regional Water Table)
- Groundwater Monitoring Well, Chatsworth Formation

Piezometers

- Piezometer, Perched
- Piezometer, Near Surface (Monitors Regional Water Table)
- Piezometer, Chatsworth Formation

Seeps/Springs

- Seep/spring

Other

- Abandoned Well
- Core Holes

Geology

- Faults
- Drainages
- Outcrops
- Finer Grained Unit (shale/siltstone)
- Area in Which Finer Grained Unit May Be Discontinuous

Basemap

- Administrative Area Boundary
- RI Site Boundary
- SMOU Reporting Group Boundary
- Regulated Units
- Post-Closure Impoundments

Areas of Impacted Groundwater

- Nitrate-NO3 in Groundwater above Cal MCL of 45 mg/L from 2011 Report on Annual Groundwater Monitoring (areas of impacted groundwater from Groundwater RI Report (MWH, 2009) based on historical dataset through 2nd Quarter 2008 with adjustments based on results through 2011)
- No longer present above screening value

RI Sites

Group 1A

APTF	Advanced Propulsion Test Facility
AI Landfill	Area I Landfill
B-1	B-1 Area
B359	Building 1359 Area
Canyon	Canyon Area
HVN	Happy Valley North
HVS	Happy Valley South
IEL	Instrument and Equipment Laboratories
LETF/CTL-I	Laser Engineering Test Facility/ Component Test Laboratory I

Group 1B

Bowl	Bowl Area
CTL-III	Component Test Laboratory III
CTL-V	Component Test Laboratory V
Perimeter Pond	Perimeter Pond
R-1 Pond	R-1 Pond
Al Burn Pit	Area I Burn Pit

Group 2

All Landfill	Area II Landfill
Ash Pile & B515 STP	Former Area II Incinerator Ash Pile & Building 515 Sewage Treatment Plant
ELV	Expendable Launch Vehicle
LOX	Liquid Oxygen Plant

Group 3

ABFF	Alfa/Bravo Fuel Farm
Alfa	Alfa Area
B204	Building 204 Area
Bravo	Bravo Area
WCT	Hazardous Waste Coolant Tank
SPA	Storable Propellant Area
Skyline Rd	Skyline Road Area

Group 4

Coca	Coca Area
Delta	Delta Area
PLF	Propellant Load Facility

Group 5

B100 Trench	Building 100 Trench
B65 Metals Clarifier	Building 65 Metals Laboratory Clarifier
Boeing LF	Boeing Area IV Leach Fields
Compound A	Compound A Facility
DOE LF1	Department of Energy Leach Field 1
DOE LF2	Department of Energy Leach Field 2
DOE LF3	Department of Energy Leach Field 3
ECL	Engineering Chemistry Laboratory
EEL	Environmental Effects Laboratory
HMSA	Hazardous Material Storage Area
PDU	Process Development Unit
Pond Dredge	Pond Dredge Area
RIHL	Rockwell International Hot Laboratory
SE Drum Yard	Southeast Drum Storage Yard
SNAP	Systems for Nuclear Auxiliary Power Facility
STL-IV	Systems Test Laboratory IV
STP-3	Area III Sewage Treatment Plant

Group 6

B064 LF	Building 064 Leach Field
NCY	New Conservation Yard
OCY	Old Conservation Yard
SRE	Sodium Reactor Experiment

Group 7

RMHF	Radioactive Materials Handling Facility
B4029	Building 4029 Reactive Metals Storage Yard
B4133	Building 4133 Sodium Burn Facility

Group 8

B009 LF	Building 009 Leach Field
B056 Landfill	Building 056 Landfill
ESADA	Empire State Atomic Development Authority
FSDF	Former Sodium Disposal Facility

Group 9

CDFF	Coca/Delta Fuel Farm
R-2 Ponds	R-2A and R-2B Ponds
Silvernale	Silvernale Resevoir

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.

MWH

SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA
FEBRUARY 2013

EXTENT OF NITRATE-NO3 IN GROUNDWATER, 2012
FIGURE 22

Printing Date: 2/17/2013
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LEGEND

Symbol Color for 2012 Groundwater Results

- Detection exceeding screening level at least once in 2012 dataset
- Detected below screening level in 2012 dataset
- Not detected in 2012 dataset
- Detection limit exceeds screening level for all 2012 results at this location
- Not sampled/analyzed in 2012 dataset

Values posted beneath well identifiers are maximum concentrations in micrograms per liter (ug/L) detected in 2012 at each location.

Values posted at locations with no 2012 results are for the most recent analytical result with collection date shown in parentheses.

Only primary results are shown.

* Not included in bounded extent of area with concentrations in groundwater above the screening value – fluoride occurs naturally in SSFL groundwater. Elevated fluoride concentrations in off-site areas are likely naturally occurring and unrelated to any potential SSFL contaminant sources.

Well Type and Groundwater Zone

Groundwater Extraction Wells

- Groundwater Extraction Well, Perched
- Groundwater Extraction Well, Near Surface (Monitors Regional Water Table)
- Groundwater Extraction Well, Chatsworth Formation

Groundwater Monitoring Wells

- Groundwater Monitoring Well, Perched
- Groundwater Monitoring Well, Near Surface (Monitors Regional Water Table)
- Groundwater Monitoring Well, Chatsworth Formation

Piezometers

- Piezometer, Perched
- Piezometer, Near Surface (Monitors Regional Water Table)
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Seeps/Springs

- Seep/spring

Other

- Abandoned Well
- Core Holes

Geology

- Faults
- Drainages
- Outcrops
- Finer Grained Unit (shale/siltstone)
- Area in Which Finer Grained Unit May Be Discontinuous

Basemap

- Administrative Area Boundary
- RI Site Boundary
- SMOU Reporting Group Boundary
- Regulated Units
- Post-Closure Impoundments

Areas of Impacted Groundwater

- Fluoride in Groundwater above SSFL Comparison of 0.8 mg/L from 2011 Report on Annual Groundwater Monitoring (areas of impacted groundwater from Groundwater RI Report (MWH, 2009) based on historical dataset through 2nd Quarter 2008 with adjustments based on results through 2011)
- No longer present above screening value

RI Sites

Group 1A	
APTF	Advanced Propulsion Test Facility
AI Landfill	Area I Landfill
B-1	B-1 Area
B359	Building 1359 Area
Canyon	Canyon Area
HVN	Happy Valley North
HVS	Happy Valley South
IEL	Instrument and Equipment Laboratories
LETF/CTL-I	Laser Engineering Test Facility/ Component Test Laboratory I

Group 1B	
Bowl	Bowl Area
CTL-III	Component Test Laboratory III
CTL-V	Component Test Laboratory V
Perimeter Pond	Perimeter Pond
R-1 Pond	R-1 Pond
AI Burn Pit	Area I Burn Pit

Group 2	
AII Landfill	Area II Landfill
Ash Pile & B515 STP	Former Area II Incinerator Ash Pile & Building 515 Sewage Treatment Plant
ELV	Expendable Launch Vehicle
LOX	Liquid Oxygen Plant

Group 3	
ABFF	Alfa/Bravo Fuel Farm
Alfa	Alfa Area
B204	Building 204 Area
Bravo	Bravo Area
WCT	Hazardous Waste Coolant Tank
SPA	Storable Propellant Area
Skyline Rd	Skyline Road Area

Group 4	
Coca	Coca Area
Delta	Delta Area
PLF	Propellant Load Facility

Group 5	
B100 Trench	Building 100 Trench
B65 Metals Clarifier	Building 65 Metals Laboratory Clarifier
Boeing LF	Boeing Area IV Leach Fields
Compound A	Compound A Facility
DOE LF1	Department of Energy Leach Field 1
DOE LF2	Department of Energy Leach Field 2
DOE LF3	Department of Energy Leach Field 3
ECL	Engineering Chemistry Laboratory
EEL	Environmental Effects Laboratory
HMSA	Hazardous Material Storage Area
PDU	Process Development Unit
Pond Dredge	Pond Dredge Area
RIHL	Rockwell International Hot Laboratory
SE Drum Yard	Southeast Drum Storage Yard
SNAP	Systems for Nuclear Auxiliary Power Facility
STL-IV	Systems Test Laboratory IV
STP-3	Area III Sewage Treatment Plant

Group 6	
B064 LF	Building 064 Leach Field
NCY	New Conservation Yard
OCY	Old Conservation Yard
SRE	Sodium Reactor Experiment

Group 7	
RMHF	Radioactive Materials Handling Facility
B4029	Building 4029 Reactive Metals Storage Yard
B4133	Building 4133 Sodium Burn Facility

Group 8	
B009 LF	Building 009 Leach Field
B056 Landfill	Building 056 Landfill
ESADA	Empire State Atomic Development Authority
FSDF	Former Sodium Disposal Facility

Group 9	
CDFF	Coca/Delta Fuel Farm
R-2 Ponds	R-2A and R-2B Ponds
Silvernale	Silvernale Resevoir

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MWH

SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA
FEBRUARY 2013

EXTENT OF FLUORIDE IN GROUNDWATER, 2012
FIGURE 23

Printing Date: 2/17/2013 U:\BoeingSantaSusana\MXD\GW Monitoring\2012_4Q\Fig23_Fluoride.mxd

APPENDICES