Appendix F Quality Assurance Assessment

Appendix F Quality Assurance Assessment

Quality Assurance Reports - 2010

Appendix F Quality Assurance Assessment

Quality Assurance Reports – First Quarter 2010

APPENDIX A
TABLE OF CONTENTS

LIST OF TABLES

LIST OF ATTACHMENTS

1. OVERVIEW

Field and laboratory data were reviewed for consistency with the procedures outlined in the *Groundwater Monitoring, Quality Assurance Project Plan, Santa Susana Field Laboratory* (GWRC, 1995c) following the first quarter 2010 quarterly groundwater sampling event. Results of the review are discussed in the following sections. The analytical data were validated pursuant to the process summarized in Section 3.2 of this Appendix.

2. INTRODUCTION

2.1 Quality Assurance/Quality Control (QA/QC) Procedures

Following each quarterly groundwater sampling event, field and laboratory data are reviewed for consistency with procedures outlined in the *Groundwater Monitoring, Quality Assurance Project Plan, Santa Susana Field Laboratory* (GWRC, 1995c). As the project develops, it is anticipated that the quality assurance assessment conducted following each quarterly event may be modified. The current procedures include reviewing field forms and documentation and evaluating whether field data were complete. Analytical data were reviewed by the laboratory for precision, accuracy, representativeness, and comparability as part of its standard Quality Assurance/Quality Control (QA/QC) program. QA/QC data were reported as part of the laboratory data package. Analytical data also were reviewed by Haley & Aldrich for data representativeness, reproducibility, completeness, erroneous data, and discrepancies.

Laboratories used during the quarter included

Laboratory	Abbreviation	Location
TestAmerica-Denver (Primary)	TA-Denver	Arvada, Colorado
TestAmerica-Irvine (Split)	TA-Irvine	Irvine, California

Haley & Aldrich field and analytical data reviews are summarized in the following section.

Percent completeness (% C) values presented in this summary were calculated using the following equation:

$$\% C = \frac{\text{Number of Valid (Usable) Measurements}}{\text{Number of Measurements Planned}} \times 100$$

3. QA/QC EVALUATION

3.1 Field Data

3.1.1 Pre-Sampling Water Levels

During the first quarter sampling event, facility wells, three private off-site wells, and a number of piezometers were scheduled for water level monitoring prior to sampling. Monitoring attempts are summarized below. Two wells were not monitored because the vault was welded shut to prevent surface water from infiltrating the well (2 wells), a broken valve prevented pressure reading of artesian water level (1 well), an open valve prevented pressure reading of an artesian water level (1 well), the FLUTe systems prevented access (1 well), site activities restricted access (11 wells), obstruction in the casing prevented water level measurement (1 well), the datalogger was not installed (1 well), and transducers were inoperable (1 well).

Water Level Monitoring	First Quarter 2009
Number of locations scheduled	329
Number of locations monitored	310
Completeness value	94%

3.1.2 Groundwater Sample Collection

During the first quarter sampling event, 225 wells and piezometers were scheduled for sampling. Of the locations scheduled for sampling, 48% were sampled. Samples were not collected at a number of locations because the wells or piezometers were dry, contained inadequate water for sampling purposes, were inaccessible, or the well equipment malfunctioned.

Comparing the number of wells that could be sampled versus the schedule, the field completeness value for water sample collection was 100% for the quarter.

3.1.3 QA/QC Sample Collection

The QA/QC sample collection targets are listed in the Quality Assurance Project Plan (QAPP) (GWRC, 1995c) and the SMOU RFI QAPP (MECx, 2009). During the first quarter 2010, the QA/QC targets were met except where wells contained inadequate water for QA/QC sampling purposes; for some analytical methods (8015-Terphenyls, 900.0-Gross alpha and beta, 901.1-Gamma-emitting radionuclides, 905.0-Strontium, and 906.0-Tritium) which were not available at the pre-qualified split laboratories; or where monitoring was not attempted.

Percent Completeness for QA/QC Sample Collection		
QA/QC Samples	QAPP (GWRC, 1995c)	SMOU RFI QAPP (MECx, 2009)
Duplicate samples	100%	61%
Split samples	73%	82%
Matrix spike and matrix spike duplicate (MS/MSD) samples	83%	74%
Trip blanks	94%	
VOC field blanks	94%	
Field blanks (other than VOCs)	100%	100%
Field blank-rinsate	NA	70%

NA = Not applicable. QC samples were collected using dedicated equipment.

3.1.4 Water Quality Parameter Measurements

Each water quality parameter (pH, temperature, electrical conductivity, and turbidity) is scheduled to be measured at least three times before sample collection. The completeness value for field parameters measured at least three times prior to sample collection was 100% for the quarter.

3.2 Analytical Data

All laboratories were certified by the California Department of Public Health Environmental Laboratory Accreditation Program.

3.2.1 Comparison with Historical Water Quality Data

Some analyte concentrations increased or decreased in groundwater samples collected during the year with respect to prior results, but most values were within the range of historical data. A summary of results is included in Section 2.2 of this report.

During the quarter, laboratories were requested to confirm suspect results.

Results of verification sampling are summarized in Section 2.2.3 of this report.

3.2.2 Lab Performance Comparison

Results of the split sample analyses are presented in Table A-I. Replicate percent differences (RPDs) were calculated for each analyte detected by both the primary and split laboratories if the analyte concentration exceeded the product of five times the reporting limit (RL) times the dilution factor. The RPD value calculated for first quarter 2010 split sample analyses ranged from 0% to 24%.

$$RPD = \left| ((X_1 - X_2)/X_{ave}) \right| \times 100$$

X_1 =value of first result;
X_2 = value of second result; and
X_{ave} = average concentration = $((X_1 + X_2) / 2)$

3.2.3 Field Duplicate Sample Precision

Results of analyses were precise as indicated by the RPDs of field duplicate samples (Table A-II). RPD values calculated for first quarter 2010 duplicate samples ranged from 0% to 24%.

3.2.4 Data Representativeness, Reproducibility, and Completeness

Data representativeness, reproducibility, and completeness of results were evaluated by verifying the following:

- all locations were sampled as scheduled,
- samples were properly collected and preserved (if required),
- procedures to maintain the integrity of samples during shipment were followed,
- sample dilutions were properly conducted,
- chain-of-custody records were complete when submitted or changed appropriately, and
- laboratory QA/QC data were obtained for each sample submitted.

All locations were sampled as scheduled except at locations where wells contained insufficient water volume, where equipment problems were encountered, or where wells were inaccessible. All samples were preserved (where necessary) and shipped following acceptable procedures. Samples from wells with previous TCE concentrations exceeding 3,000 µg/L were segregated during storage and shipment.

A few chain-of-custody forms were not completed satisfactorily. Because the laboratories were notified of the deficiencies immediately following sample submission, all samples submitted were identified correctly and analyzed according to the monitoring schedule. Field personnel were informed of the custody form deficiencies and provided a copy of the corrected custody form.

All samples were received appropriately, identified correctly, and analyzed according to the monitoring requirements.

3.2.5 Contract-Required Minimum Detectable Activity

Project laboratory analysis technical specifications, including Minimum Detectable Activities (MDAs), have been developed to aid in the collection of high quality data and to be consistent with EPA Drinking Water regulations (Federal Register, 2000). Non-attainment of the MDA technical specifications is due in part to matrix conditions and in part to limitations in the prescribed analytical methods. Matrix conditions, including concentrations of dissolved and suspended solids, impact the homogeneity of the samples and limit method counting efficiency. Additionally, prescribed analytical methods call for specified sample volumes and counting times that further limit the ability to attain the project MDAs.

During the quarter, the radiochemistry laboratories were able to meet the contract-required MDAs.

3.2.6 Data Usability Summary

Analytical results for groundwater samples, trip blank samples, field blank samples, and site specific matrix spike and matrix spike duplicate samples (MS/MSD) were reviewed to evaluate the data usability. These data were assessed in accordance with guidance from the EPA "USEPA Contract Laboratory Program National Functional Guidelines for Low Concentration Organic Data Review" (OSWER 9240.1-34, USEPA-540-R-00-006, June 2001), "USEPA Contract Laboratory Program National Functional Guidelines for Superfund Organic Methods Data Review" (OSWER 9240.1-46, USEPA-540-R-08-01, June 2008)", "USEPA Contract Laboratory Program National Functional Guidelines for Inorganic Data Review" (EPA 540-R-01-008, July 2002), and the EPA Method specific protocol criteria, where applicable. Radiochemical data were assessed in accordance with protocols established for the U.S. Department of Energy, "Evaluation of Radiochemical Data Usability" (Paar & Porterfield, 1997).
Chain of custody documentation was completed by Haley & Aldrich personnel during the performance of sampling activities conducted at SSFL. The external chain of custody documents were completed appropriately upon sample transfer to analytical laboratory personnel.

A review of the chain of custody documents indicated that the sample custody remained intact through the analytical process and the reported results are representative of the samples collected at SSFL. The chain of custody documents are provided with each laboratory report.

The following items and criteria applicable to the QA/QC data and sample analysis data listed above were reviewed. Data Usability Summary Reports (DUSRs) are provided in Attachment 1 on the enclosed CD. Results requiring a change in the data qualifier are summarized in Table A-III.

- Preservation and Analytical Holding Time Compliance
- Method Blank, Trip Blank, and Field Blank Sample Analyses
- Surrogate Compound Recoveries
- Laboratory Control Sample Analyses
- Matrix Spike Sample Analyses
- Sample Data Reporting Procedures
- Laboratory Data Qualification Procedures

3.2.6.1 Sample Data Reporting

Laboratory analytical reports contain laboratory specific data qualifiers. When an analysis was performed without dilution, the reporting limit was based on the most recent MDL study conducted by the contract laboratory. The reporting limit values for the dilution analyses were adjusted for the level of dilution performed. Values presented for target analytes detected at concentrations below the reporting limit but above the MDL were flagged with a "J" as estimated values. No corrective action is recommended.

3.2.6.2 Data Qualifiers

The use of the data qualifiers is intended to aid users in their interpretation of the sample results. Laboratory specific data qualifiers were assigned by the laboratories to the reported results in accordance with each laboratory's standard operating procedures. However, some data qualifiers used by the laboratories do not correspond with standard EPA guidance as referenced in this document. The recommended EPA data qualifiers should preclude the use of the laboratory specific qualifiers so that comparability of the reported results can be achieved if future analyses are performed at other laboratory facilities.

3.2.6.3 Summary

The results presented in each laboratory report were found to be compliant with the data quality objectives (DQOs) for the project and usable, with the exceptions noted in Table A-III. Based on this review, the data usability is 100%, with the exceptions noted in Table A-III.

TABLES

TABLE A-I
SUMMARY OF FIRST QUARTER 2010 SPLIT SAMPLE RESULTS
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well ID	Date	Method (units)	Constituent	Sample Result		RPD
				Primary	Split	
HAR-07	1/25/2010	8270C (ug/L)	SVOCs	none detected	none detected	ND
HAR-17	2/11/2010	8260B (ug/L)	1,1,2-Trichloro-1,2,2-trifluoroethane	29	30	3
			1,1-Dichloroethane	0.63 J	0.63 J	NV
			1,1-Dichloroethene	0.52 J	0.42 U	ND
			cis-1,2-Dichloroethene	14	15	7
			trans-1,2-Dichloroethene	0.37 J	0.36 J	NV
			Trichloroethene	67	74	10
HAR-22	2/3/2010	8260B (ug/L)	cis-1,2-Dichloroethene	5.1	5	2
			trans-1,2-Dichloroethene	0.22 J	0.3 U	ND
			Trichloroethene	1.3	1.1	NV
OS-09R(P11)	1/27/2010	8260B (ug/L)	Carbon Disulfide	0.67 J	0.48 U	ND
OS-28	2/11/2010	1625M (ug/L)	n-Nitrosodimethylamine	0.005 U	0.005 U	ND
PZ-076	2/2/2010	8260B (ug/L)	Trichloroethene	3.5	2.9	NV
		8270C (ug/L)	SVOCs	none detected	none detected	ND
PZ-139	2/3/2010	6010B (mg/L)	Aluminum, Dissolved	0.057 J	0.04 U	ND
			Iron, Dissolved	0.068 U	0.058	ND
		6020 (mg/L)	Arsenic, Dissolved	0.0014 J	0.0021	NV
			Barium, Dissolved	0.017	0.016	6
			Cadmium, Dissolved	0.00014 U	0.00014 J	ND
			Cobalt, Dissolved	0.0012 U	0.00098 J	ND
			Copper, Dissolved	0.0007 J	0.0012 J	NV
			Manganese, Dissolved	0.21 U	0.23	ND
			Molybdenum, Dissolved	0.0031 U	0.003	ND
			Nickel, Dissolved	0.0065	0.0064	NV
			Selenium, Dissolved	0.0007 U	0.0018 J	ND
		7470A (mg/L)	Mercury, Dissolved	0.000027 U	0.00042	ND
		8082 (ug/L)	PCBs	none detected	none detected	ND
		8260B SIM (ug/L)	1,4-Dioxane	0.66 J	1 U	ND
		8290 (pg/L)	1,2,3,4,6,7,8-Heptachlorodibenzofuran	3.1 J	3.1 J	NV
			1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	5.6 J	7 J	NV
			1,2,3,4,7,8,9-Heptachlorodibenzofuran	1.1 U	1.2 J	ND
			Octachlorodibenzofuran	8.5 U	13 J,L	ND
			Octachlorodibenzo-p-dioxin	90 J,L	68 J,L	NV

TABLE A-I
SUMMARY OF FIRST QUARTER 2010 SPLIT SAMPLE RESULTS
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well ID	Date	Method (units)	Constituent	Sample Result		RPD
				Primary	Split	
PZ-141	2/11/2010	6020 (mg/L)	Nickel, Dissolved	0.001 J	0.0051	NV
			Selenium, Dissolved	0.0009 J	0.00057 J	NV
			Thallium, Dissolved	0.000039 J	0.0002 U	ND
			Vanadium, Dissolved	0.0023 U	0.0018 J	ND
			Zinc, Dissolved	0.002 U	0.0062 J	ND
		7196A (mg/L)	Hexavalent Chromium, Dissolved	0.0044 U	0.005 U	ND
		7470A (mg/L)	Mercury, Dissolved	0.000027 U	0.0001 U	ND
		8015B (ug/L)	Gasoline Range Organics (C6-C12)	44 U	39 J,W	ND
		8082 (ug/L)	PCBs	none detected	none detected	ND
RD-03	2/1/2010	8270C (ug/L)	SVOCs	none detected	none detected	ND
RD-06	1/29/2010	8081A (ug/L)	Organochlorine Pesticides	none detected	none detected	ND
		9012A / 9014 (mg/L)	Cyanides	0.0024 U	0.017 U	ND
RD-10	1/27/2010	314.0 (ug/L)	Perchlorate	56	51	9
		350.1 (mg/L)	Ammonia-N	0.47 U	0.22 U	ND
RD-19	1/25/2010	8260B (ug/L)	Methylene chloride	0.32 U	1.2 J,L	ND
RD-26	1/18/2010	8260B (ug/L)	Trichloroethene	3.6	2.4	NV
RD-34B	2/1/2010	9012A / 9014 (mg/L)	Cyanides	0.0028 U	0.017 U	ND
RD-34C	2/1/2010	6010B (mg/L)	Iron, Dissolved	0.27 U	0.28	ND
			Manganese, Dissolved	0.014 U	0.014 J	ND
			Molybdenum, Dissolved	0.0031 U	0.0026 J	ND
			Zinc, Dissolved	0.067	0.066	NV
		6020 (mg/L)	Barium, Dissolved	0.07	0.069	1
		7470A (mg/L)	Mercury, Dissolved	0.000034 U	0.0001 U	ND
RD-37	1/14/2010	8015B (ug/L)	Gasoline Range Organics (C6-C12)	4.9 U	25 U	ND
		8260B (ug/L)	VOCs	none detected	none detected	ND
RD-41B	2/10/2010	1625M (ug/L)	n-Nitrosodimethylamine	0.005 U	0.005 U	ND
		8260B SIM (ug/L)	1,4-Dioxane	19 U	86 U	ND
		8270C (ug/L)	SVOCs	none detected	none detected	ND
RD-43C	1/28/2010	8260B (ug/L)	VOCs	none detected	none detected	ND
RD-44	2/4/2010	6010B (mg/L)	Boron, Dissolved	0.067	0.072	NV
			Magnesium, Dissolved	61	63	3
			Manganese, Dissolved	0.037 U	0.036	ND
			Molybdenum, Dissolved	0.0031 U	0.0025 J	ND

TABLE A-I

SUMMARY OF FIRST QUARTER 2010 SPLIT SAMPLE RESULTS
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well ID	Date	Method (units)	Constituent	Sample Result		RPD
				Primary	Split	
RD-45B	1/29/2010	8260B (ug/L)	1,1-Dichloroethene	0.15 J	0.42 U	ND
			cis-1,2-Dichloroethene	29	35	19
			trans-1,2-Dichloroethene	1.7	1.8	NV
			Trichloroethene	1.4	1.4	NV
RD-45C	1/29/2010	8260B (ug/L)	VOCs	none detected	none detected	ND
RD-46A	2/3/2010	8270C (ug/L)	SVOCs	none detected	none detected	ND
RD-46B	2/3/2010	8015B (ug/L)	Diesel Range Organics	none detected	none detected	ND
RD-48B	2/1/2010	8015B (ug/L)	Diesel Range Organics	none detected	none detected	ND
RD-48C	1/28/2010	314.0 (ug/L)	Perchlorate	0.28 U	0.9 U	ND
RD-49B	1/27/2010	300.0 (mg/L)	Fluoride	0.21 U	0.34 J	ND
			Nitrate-NO3	0.19 U	0.25 U	ND
		8315A (ug/L)	Formaldehyde	8.4 U	7.61 J	ND
RD-54C	2/9/2010	6010B (mg/L)	Iron, Dissolved	2.6 U	2.3	ND
		6020 (mg/L)	Arsenic, Dissolved	0.00054 J	0.0015	NV
			Barium, Dissolved	0.075	0.078	4
			Cobalt, Dissolved	0.0012 U	0.00021 J	ND
			Copper, Dissolved	0.00056 U	0.0011 J	ND
			Lead, Dissolved	0.00096 J	0.0012	NV
			Manganese, Dissolved	0.3 U	0.31	ND
			Molybdenum, Dissolved	0.0044 U	0.0047	ND
			Nickel, Dissolved	0.0012 J	0.0013 J	NV
			Selenium, Dissolved	0.0007 U	0.001 J	ND
			Vanadium, Dissolved	0.0011	0.0008 U	ND
			Zinc, Dissolved	1.8	1.8	0
		7470A (mg/L)	Mercury, Dissolved	0.000039 U	0.0001 U	ND
RD-55B	2/5/2010	1625M (ug/L)	n-Nitrosodimethylamine	0.005 U	0.005 U	ND
RD-58B	2/3/2010	8315A (ug/L)	Formaldehyde	8.4 U	4.41 J	ND
RD-58C	1/29/2010	8260B (ug/L)	cis-1,2-Dichloroethene	0.59 J	0.67 J	NV
			Vinyl chloride	1.4	1.1	NV
RD-62	2/4/2010	6010B (mg/L)	Boron, Dissolved	0.074	0.078	NV
			Magnesium, Dissolved	47	47	0
			Manganese, Dissolved	0.073 U	0.074	ND
			Strontium, Dissolved	0.3	0.3	0

TABLE A-I
SUMMARY OF FIRST QUARTER 2010 SPLIT SAMPLE RESULTS
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well ID	Date	Method (units)	Constituent	Sample Result		RPD
				Primary	Split	
RD-69	2/11/2010	300.0 (mg/L)	Chloride	42	38	NV
			Fluoride	0.27 U	0.28 J	ND
			Nitrate-NO3	0.19 U	0.25 U	ND
			Sulfate	170	160	NV
		6010B (mg/L)	Calcium, Dissolved	99	97	2
			Iron, Dissolved	1.3 U	1.1	ND
			Magnesium, Dissolved	52	46	12
			Potassium, Dissolved	3.8 J	3.8	NV
			Sodium, Dissolved	52	50	4
			Strontium, Dissolved	0.82	0.82	0
		6020 (mg/L)	Manganese, Dissolved	0.12 U	0.12	ND
			Zinc, Dissolved	0.55	0.52	6
		8260B (ug/L)	VOCs	none detected	none detected	ND
		8315A (ug/L)	Formaldehyde	100 U	1.57 U	ND
		9012A / 9014 (mg/L)	Cyanides	0.0024 U	0.017 U	ND
WS-09A	2/8/2010	8260B SIM (ug/L)	1,4-Dioxane	0.19 U	1 U	ND

TABLE A-II

SUMMARY OF FIRST QUARTER 2010 DUPLICATE SAMPLE RESULTS
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well ID	Date	Method (units)	Constituent	Sample Result		RPD
				Primary	Duplicate	
HAR-07	1/25/2010	8270C (ug/L)	SVOCs	none detected	none detected	ND
HAR-17	2/11/2010	8260B (ug/L)	1,1,2-Trichloro-1,2,2-trifluoroethane	29	30	3
			cis-1,2-Dichloroethene	14	14	0
			Trichloroethene	67	67	0
HAR-18	2/5/2010	1625M (ug/L)	n-Nitrosodimethylamine	2.7	3.5	NV
HAR-22	2/3/2010	8260B (ug/L)	cis-1,2-Dichloroethene	5.1	5	2
			Trichloroethene	1.3	1.2	NV
OS-09R(P6)	1/28/2010	8260B (ug/L)	Carbon Disulfide	0.89 J	0.84 J	NV
OS-09R(P11)	1/27/2010	8260B (ug/L)	Carbon Disulfide	0.67 J	0.67 J	NV
OS-28	2/11/2010	1625M (ug/L)	n-Nitrosodimethylamine	0.005 U	0.005 U	ND
PZ-076	2/2/2010	8260B (ug/L)	Trichloroethene	3.5	3.7	NV
		8270C (ug/L)	SVOCs	none detected	none detected	ND
PZ-091	2/1/2010	8015B (ug/L)	Diesel Range Organics (C15-C20)	0.15 J	0.13 J	NV
PZ-139	2/3/2010	1625M (ug/L)	n-Nitrosodimethylamine	0.005 U	0.005 U	ND
		6020 (mg/L)	Barium, Dissolved	0.017	0.017	0
			Nickel, Dissolved	0.0065	0.0071	NV
		6010B (mg/L)	Aluminum, Dissolved	0.057 J	0.12	NV
		7470A (mg/L)	Mercury, Dissolved	0.000027 U	0.000027 U	ND
		8015B (ug/L)	Gasoline Range Organics (C6-C12)	110	110	NV
		8082 (ug/L)	PCBs	none detected	none detected	ND
PZ-140	2/10/2010	1625M (ug/L)	n-Nitrosodimethylamine	0.005 U	0.005 U	ND
		7196A (mg/L)	Hexavalent Chromium, Dissolved	0.0044 U	0.0044 U	ND
		8260B SIM (ug/L)	1,4-Dioxane	0.58 U	0.45 U	ND
		8315A (ug/L)	Formaldehyde	32 U	31 U	ND
		8082 (ug/L)	PCBs	none detected	none detected	ND
PZ-141	2/11/2010	1625M (ug/L)	n-Nitrosodimethylamine	0.005 U	0.005 U	ND
		6010B (mg/L)	Aluminum, Dissolved	0.048 J	0.032 J	NV
		6020 (mg/L)	Barium, Dissolved	0.013	0.014	7
		7196A (mg/L)	Hexavalent Chromium, Dissolved	0.0044 U	0.0044 U	ND
		7470A (mg/L)	Mercury, Dissolved	0.000027 U	0.000027 U	ND
		8015B (ug/L)	Gasoline Range Organics (C6-C12)	44 U	37 U	ND
		8260B (ug/L)	cis-1,2-Dichloroethene	2.1	2	NV
			Trichloroethene	83	79	5
RD-01	2/8/2010	1625M (ug/L)	n-Nitrosodimethylamine	0.012	0.012	NV
		8260B SIM (ug/L)	1,4-Dioxane	0.55 J	0.7 J	NV
		8315A (ug/L)	Formaldehyde	8.4 U	8.4 U	ND
RD-03	2/1/2010	8260B (ug/L)	cis-1,2-Dichloroethene	0.98 J	1	NV
			trans-1,2-Dichloroethene	0.22 J	0.22 J	NV
		8270C (ug/L)	SVOCs	none detected	none detected	ND
		8290 (ug/L)	Dioxins	none detected	none detected	ND
RD-04	2/3/2010	8270C (ug/L)	SVOCs	none detected	none detected	ND
RD-10	1/27/2010	300.0 (mg/L)	Fluoride	0.35 U	0.37 U	ND
			Nitrate-NO3	0.43 J	0.42 J	NV
		8260B SIM (ug/L)	1,4-Dioxane	0.48 J	0.4 J	NV
		314.0 (ug/L)	Perchlorate	56	58	NV

See Table III for notes and abbreviations.

TABLE A-II
SUMMARY OF FIRST QUARTER 2010 DUPLICATE SAMPLE RESULTS
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well ID	Date	Method (units)	Constituent	Sample Result		RPD
				Primary	Duplicate	
RD-15	2/3/2010	6010B (mg/L)	Metals, Dissolved	none detected	none detected	ND
		6020 (mg/L)	Barium, Dissolved	0.049	0.049	0
			Copper, Dissolved	0.0012 J	0.00077 J	NV
			Lead, Dissolved	0.0014	0.0012	NV
			Nickel, Dissolved	0.0023	0.0021	NV
			Zinc, Dissolved	0.77	0.76	1
		7470A (mg/L)	Mercury, Dissolved	0.000027 U	0.000027 U	ND
		900.0 (pCi/L)	Gross alpha	8.37 ± 2.6	7.03 ± 2.2	NV
			Gross Alpha (filtered)	6.06 ± 2	7.2 ± 2.3	NV
			Gross beta	8.99 ± 2..4	9.61 ± 2.3	NV
			Gross Beta (filtered)	7.77 ± 1.8	8.58 ± 2.1	NV
		901.1 (pCi/L)	Gamma-emitting radionuclides	none detected	none detected	ND
			Gamma-emitting radionuclides (filtered)	none detected	none detected	ND
		905.0 (pCi/L)	Strontium-90	-0.065 U ± 0.26	0.219 U ± 0.3	ND
			Strontium-90 (filtered)	0.043 U ± 0.31	-0.009 U ± 0.35	ND
RD-16	2/3/2010	8260B (ug/L)	VOCs	none detected	none detected	ND
RD-24	1/19/2010	900.0 (pCi/L)	Gross alpha	5.38 ±1.9	3.96 ± 1.6	NV
			Gross Alpha (filtered)	3.61 ± 1.5	2.9 J ± 1.4	NV
			Gross beta	7.18 ± 1.8	6.8 ± 1.8	NV
			Gross Beta (filtered)	5.43 ± 1.5	4.88 ± 2.2	NV
		901.1 (pCi/L)	Gamma-emitting radionuclides	none detected	none detected	ND
			Gamma-emitting radionuclides (filtered)	none detected	none detected	ND
		905.0 (pCi/L)	Strontium-90	-0.308 U ± 0.29	-0.068 U ± 0.29	ND
			Strontium-90 (filtered)	0.028 U ± 0.34	-0.098 U ± 0.49	ND
		906.0 (pCi/L)	Tritium	90.6 U ± 89	-2.71 U ± 86	ND
RD-26	1/18/2010	8260B (ug/L)	Trichloroethene	3.6	3	NV
RD-32	2/5/2010	8015B (ug/L)	Gasoline Range Organics (C6-C12)	none detected	none detected	ND
		8260B (ug/L)	VOCs	none detected	none detected	ND
RD-34C	2/1/2010	6010B (mg/L)	Metals, Dissolved	none detected	none detected	ND
		6020 (mg/L)	Barium, Dissolved	0.07	0.068	3
			Zinc, Dissolved	0.067	0.066	NV
		7470A (mg/L)	Mercury, Dissolved	0.000034 U	0.000034 U	ND
		900.0 (pCi/L)	Gross alpha	1.78 J ± 0.94	2.19 J ± 0.99	NV
			Gross Alpha (filtered)	2.11 J ± 0.93	1.9 J ± 0.96	NV
			Gross Beta	3.93 J ± 0.81	3.91 J ± 0.79	NV
			Gross Beta (filtered)	4.17 ± 0.79	4.68 ± 1.1	NV
		901.1 (pCi/L)	Gamma-emitting radionuclides	none detected	none detected	ND
			Gamma-emitting radionuclides (filtered)	none detected	none detected	ND
		905.0 (pCi/L)	Strontium-90	-0.308 U ± 0.29	-0.068 U ± 0.29	ND
			Strontium-90 (filtered)	0.028 U ± 0.34	-0.098 U ± 0.49	ND
		906.0 (pCi/L)	Tritium	90.6 U ± 89	-2.71 U ± 86	ND
RD-36C	1/27/2010	8015B (ug/L)	Gasoline Range Organics (C6-C12)	64 U	62 U	ND
		8260B (ug/L)	1,1-Dichloroethene	2.7	4	NV
			cis-1,2-Dichloroethene	54	50	8
			Tetrachloroethene	0.2 U	4	ND
			trans-1,2-Dichloroethene	28	5	NV
			Trichloroethene	0.68 J	71	NV

See Table III for notes and abbreviations.

TABLE A-II
SUMMARY OF FIRST QUARTER 2010 DUPLICATE SAMPLE RESULTS
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well ID	Date	Method (units)	Constituent	Sample Result		RPD
				Primary	Duplicate	
RD-36D	1/27/2010	8260B (ug/L)	Trichloroethene	0.44 J	0.42 J	NV
RD-37	1/14/2010	8260B (ug/L)	VOCs	none detected	none detected	ND
RD-41B	2/10/2010	350.1 (mg/L)	Ammonia-N	0.47 U	0.47 U	ND
		1625M (ug/L)	n-Nitrosodimethylamine	0.005 U	0.005 U	ND
RD-43C	1/28/2010	8260B (ug/L)	VOCs	none detected	none detected	ND
RD-44	2/4/2010	350.1 (mg/L)	Ammonia-N	0.47 U	0.47 U	ND
		1625M (ug/L)	n-Nitrosodimethylamine	0.005 U	0.005 U	ND
		6010B (mg/L)	Boron, Dissolved	0.067	0.068	NV
			Magnesium, Dissolved	61	62	2
			Strontium, Dissolved	0.57	0.59	3
RD-44	2/4/2010	6020 (mg/L)	Arsenic, Dissolved	0.00025 J	0.00032 J	NV
			Barium, Dissolved	0.02	0.02	0
			Nickel, Dissolved	0.0015 J	0.0016 J	NV
			Thallium, Dissolved	0.000021 J	0.000022 J	NV
			Zinc, Dissolved	0.39	0.4	3
		7470A (mg/L)	Mercury, Dissolved	0.000027 U	0.000027 U	ND
		8015B (ug/L)	Diesel Range Organics	none detected	none detected	ND
RD-45B	1/29/2010	8260B (ug/L)	1,1-Dichloroethene	0.15 J	0.14 U	ND
			cis-1,2-Dichloroethene	29	31	7
			trans-1,2-Dichloroethene	1.7	1.8	NV
			Trichloroethene	1.4	1.4	NV
RD-45C	1/29/2010	8260B (ug/L)	VOCs	none detected	none detected	ND
RD-46B	2/3/2010	8015B (ug/L)	Diesel Range Organics	none detected	none detected	ND
RD-47	2/9/2010	8260B (ug/L)	cis-1,2-Dichloroethene	0.65 J	0.66 J	NV
RD-48B	2/1/2010	8015B (ug/L)	Diesel Range Organics	none detected	none detected	ND
RD-48C	1/28/2010	314.0 (ug/L)	Perchlorate	0.28 U	0.28 U	ND
RD-49C	1/27/2010	300.0 (mg/L)	Fluoride	0.24 U	0.24 U	ND
			Nitrate-NO3	0.19 U	0.19 U	ND
		8260B SIM (ug/L)	1,4-Dioxane	0.7 J	0.68 J	NV
RD-51B	1/26/2010	8315A (ug/L)	Formaldehyde	8.4 U	8.4 U	ND
RD-52B	1/27/2010	8260B (ug/L)	cis-1,2-Dichloroethene	3.6	3.5	NV
			trans-1,2-Dichloroethene	1.1	1	NV
			Trichloroethene	1	0.94 J	NV
RD-52C	1/27/2010	8260B (ug/L)	VOCs	none detected	none detected	ND
RD-54C	2/9/2010	6010B (mg/L)	Metals, Dissolved	none detected	none detected	ND
		6020 (mg/L)	Arsenic, Dissolved	0.00054 J	0.00046 J	NV
			Barium, Dissolved	0.075	0.077	3
			Lead, Dissolved	0.00096 J	0.001	4
			Nickel, Dissolved	0.0012 J	0.0012 J	NV
			Zinc, Dissolved	1.8	1.8	0
		7470A (mg/L)	Mercury, Dissolved	0.000039 U	0.00004 U	ND
		900.0 (pCi/L)	Gross alpha	0.782 J ± 0.51	4.18 ± 1.6	NV
			Gross Alpha (filtered)	2.9 J ± 1.3	3.72 ± 1.6	NV
			Gross Beta	3.41 J ± 0.71	6.82 ± 1.8	NV
			Gross Beta (filtered)	5.74 ± 1.5	6.07 ± 1.7	NV
		901.1 (pCi/L)	Gamma-emitting radionuclides	none detected	none detected	ND
			Gamma-emitting radionuclides (filtered)	none detected	none detected	ND

See Table III for notes and abbreviations.

TABLE A-II
SUMMARY OF FIRST QUARTER 2010 DUPLICATE SAMPLE RESULTS
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well ID	Date	Method (units)	Constituent	Sample Result		RPD
				Primary	Duplicate	
RD-54C	2/9/2010	905.0 (pCi/L)	Strontium-90	0.033 U ± 0.27	-0.085 U ± 0.22	ND
			Strontium-90 (filtered)	-0.023 U ± 0.26	0.12 U ± 0.25	ND
		906.0 (pCi/L)	Tritium	-28 U ± 86	-30.6 U ± 86	ND
RD-55A	2/5/2010	350.1 (mg/L)	Ammonia-N	0.47 U	0.47 U	ND
RD-55B	2/5/2010	8260B SIM (ug/L)	1,4-Dioxane	0.19 U	0.19 U	ND
RD-58B	2/3/2010	8270C (ug/L)	SVOCs	none detected	none detected	ND
RD-58C	1/29/2010	8260B (ug/L)	cis-1,2-Dichloroethene	0.59 J	0.74 J	NV
			Vinyl chloride	1.4	1.1	24
RD-62	2/4/2010	8270C (ug/L)	2-Chloronaphthalene	0.25 U	0.25 U	ND
RD-67	1/15/2010	8260B (ug/L)	Trichloroethene	0.16 U	0.16 U	ND
RD-69	2/11/2010	120.1 (umhos/cm)	Specific conductivity	1000	1000	0
		160.1 (mg/L)	Total Dissolved Solids	640	620	3
		180.1 (NTU)	Turbidity	36	31	15
RD-69	2/11/2010	300.0 (mg/L)	Chloride	42	43	2
			Fluoride	0.27 U	0.37 U	ND
			Sulfate	170	170	NV
		1625M (ug/L)	n-Nitrosodimethylamine	0.005 U	0.005 U	ND
		2320B (mg/L)	Alkalinity as CaCO3	330	350	6
		6010B (mg/L)	Calcium, Dissolved	99	97	2
			Magnesium, Dissolved	52	51	2
			Potassium, Dissolved	3.8 J	3.7 J	NV
			Sodium, Dissolved	52	52	0
			Strontium, Dissolved	0.82	0.81	1
			Zinc, Dissolved	0.55	0.56	2
		8260B (ug/L)	VOCs	none detected	none detected	ND
		8315A (ug/L)	Formaldehyde	100 U	100 U	ND
		9040B (pH units)	pH	7.2	7.3	1
RD-70	1/14/2010	8260B (ug/L)	Carbon Disulfide	0.45 U	0.45 U	ND
WS-09	2/3/2010	905.0 (pCi/L)	Strontium-90	-0.135 U ± 0.24	-0.353 U ± 0.26	ND
			Strontium-90 (filtered)	-0.002 U ± 0.23	-0.205 U ± 0.22	ND
WS-09A	2/8/2010	300.0 (mg/L)	Fluoride	0.24 J	0.24 U	ND
			Nitrate-NO3	0.84 J	0.83 J	NV
		350.1 (mg/L)	Ammonia-N	0.47 U	0.47 U	ND
		8315A (ug/L)	Formaldehyde	8.4 U	8.4 U	ND

See Table III for notes and abbreviations.

TABLE A-III
SUMMARY OF FIRST QUARTER 2010 DATA QUALIFICATION
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well ID	Date	Sample Type	Constituent	Sample Result	Units	Original Lab Qualifier	Validation Qualifier	Validation Level	Validation Comments	Data Usability Summary Report Name
HAR-04		Primary	Methylene chloride	0.69	ug/L	J	U	V	Reported result is less than 5X or 10X the associated trip blank times the dilution factor.	D0A270454_V_DUSR Report.pdf
HAR-04	1/26/2010	Primary	Acetone	5.8	ug/L	J	U	V	Reported result is less than 5X or 10X the associated trip blank times the dilution factor.	D0A270454_V_DUSR Report.pdf
HAR-07	1/25/2010	Primary	bis(2-Ethylhexyl) phthalate	2.5	ug/L	J	U	V	Reported result is less than 5X or 10X the associated field blank times the dilution factor.	D0A260443_V_DUSR Report.pdf
HAR-07	1/25/2010	Primary	Fluoride	0.27	mg/L	J	U	V	Reported result is less than 5X or 10X the associated field blank times the dilution factor.	D0A260443_V_DUSR Report.pdf
HAR-07	1/25/2010	Primary	Methylene chloride	7.8	ug/L	J	U	IV,V	Reported result is less than 5X or 10X the associated trip blank times the dilution factor.	D0A260443_V_DUSR Report.pdf; D0A260443_IV_DUSR Report.pdf
HAR-08	1/25/2010	Primary	Fluoride	0.21	mg/L	J	U	V	Reported result is less than 5X or 10X the associated field blank times the dilution factor.	D0A260443_V_DUSR Report.pdf
HAR-18	2/5/2010	Primary	Methylene chloride	0.95	ug/L	J B	U	V	Reported result is less than 5X or 10X the associated method blank times the dilution factor.	D0B060448_V_DUSR Report.pdf
HAR-18	2/5/2010	Primary	Acetone	36	ug/L		U	V	Reported result is less than 5X or 10X the associated field blank times the dilution factor.	D0B060448_V_DUSR Report.pdf
HAR-18	2/5/2010	Primary	bis(2-Ethylhexyl) phthalate	2.3	ug/L	J B	U	V	Reported result is less than 5X or 10X the associated method blank times the dilution factor.	D0B060448_V_DUSR Report.pdf
HAR-18	2/5/2010	Primary	Chloroform	0.6	ug/L	J	U	V	Reported result is less than 5X or 10X the associated field blank times the dilution factor.	D0B060448_V_DUSR Report.pdf
HAR-18	2/5/2010	Primary	Fluoride	0.28	mg/L	J	U	V	Reported result is less than 5X or 10X the associated field blank times the dilution factor.	D0B060448_V_DUSR Report.pdf
HAR-20	1/28/2010	Primary	Fluoride	0.2	mg/L	J	U	V	Reported result is less than 5X or 10X the associated field blank times the dilution factor.	D0A290450_V_DUSR Report.pdf
HAR-20	1/28/2010	Primary	Chloromethane	1.4	ug/L	J	U	V	Reported result is less than 5X or 10X the associated field blank times the dilution factor.	D0A290450_V_DUSR Report.pdf

See Table III for notes and abbreviations.
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TABLE A-III
SUMMARY OF FIRST QUARTER 2010 DATA QUALIFICATION
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well ID	Date	Sample Type	Constituent	Sample Result	Units	Original Lab Qualifier	Validation Qualifier	Validation Level	Validation Comments	Data Usability Summary Report Name
HAR-22	2/3/2010	Duplicate	Acetone	8.1	ug/L	J	U	V	Reported result is less than 5X or 10X the associated field blank times the dilution factor.	D0B040459_V_DUSR Report.pdf
HAR-24	1/26/2010	Primary	Methylene chloride	0.69	ug/L	J	U	V	Reported result is less than 5X or 10X the associated trip blank times the dilution factor.	D0A270454_V_DUSR Report.pdf
HAR-24	1/26/2010	Primary	Chloroform	1.4	ug/L		U	V	Reported result is less than 5X or 10X the associated field blank times the dilution factor.	D0A270454_V_DUSR Report.pdf
HAR-24	1/26/2010	Primary	Acetone	10	ug/L		U	V	Reported result is less than 5X or 10X the associated trip blank times the dilution factor.	D0A270454_V_DUSR Report.pdf
HAR-26	1/26/2010	Primary	Acetone	1.9	ug/L	J	U	V	Reported result is less than 5X or 10X the associated trip blank times the dilution factor.	D0A270454_V_DUSR Report.pdf
HAR-26	1/26/2010	Primary	Methylene chloride	0.78	ug/L	J	U	V	Reported result is less than 5X or 10X the associated trip blank times the dilution factor.	D0A270454_V_DUSR Report.pdf
HAR-27	1/26/2010	Primary	Methylene chloride	0.71	ug/L	J	U	V	Reported result is less than 5X or 10X the associated trip blank times the dilution factor.	D0A270454_V_DUSR Report.pdf
HAR-27	1/26/2010	Primary	Acetone	2.7	ug/L	J	U	V	Reported result is less than 5X or 10X the associated trip blank times the dilution factor.	D0A270454_V_DUSR Report.pdf
OS-02	2/3/2010	Primary	Acetone	9.7	ug/L	J	U	V	Reported result is less than 5X or 10X the associated field blank times the dilution factor.	D0B040459_V_DUSR Report.pdf
OS-04	2/3/2010	Primary	Acetone	8.4	ug/L	J	U	V	Reported result is less than 5X or 10X the associated field blank times the dilution factor.	D0B040459_V_DUSR Report.pdf
OS-09R(P12)	1/27/2010	Primary	Trichloroethene	0.38	ug/L	J	U	IV,V	Reported result is less than 5X or 10X the associated field blank times the dilution factor.	D0B010490_V_DUSR Report.pdf; D0B010490_IV_DUSR Report.pdf
OS-09R(P12)	1/27/2010	Primary	Carbon Disulfide	1	ug/L	J	U	IV,V	Reported result is less than 5X or 10X the associated method blank times the dilution factor.	D0B010490_V_DUSR Report.pdf; D0B010490_IV_DUSR Report.pdf

See Table III for notes and abbreviations.
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TABLE A-III
SUMMARY OF FIRST QUARTER 2010 DATA QUALIFICATION
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well ID	Date	Sample Type	Constituent	Sample Result	Units	Original Lab Qualifier	Validation Qualifier	Validation Level	Validation Comments	Data Usability Summary Report Name
OS-09R(P9)	1/28/2010	Primary	Carbon Disulfide	0.77	ug/L	J	U	IV,V	Reported result is less than 5X or 10X the associated method blank times the dilution factor.	D0B010490_V_DUSR Report.pdf; D0B010490_IV_DUSR Report.pdf
OS-09R(P5)	1/28/2010	Primary	Carbon Disulfide	0.93	ug/L	J	U	IV,V	Reported result is less than 5X or 10X the associated method blank times the dilution factor.	D0B010490_V_DUSR Report.pdf; D0B010490_IV_DUSR Report.pdf
OS-09R(P5)	1/28/2010	Primary	Acetone	8.8	ug/L	J	U	IV,V	Reported result is less than 5X or 10X the associated field blank times the dilution factor.	D0B010490_V_DUSR Report.pdf; D0B010490_IV_DUSR Report.pdf
OS-16	2/4/2010	Primary	cis-1,2-Dichloroethene	0.16	ug/L	J	U	V	Reported result is less than 5X or 10X the associated field blank times the dilution factor.	D0B050469_V_DUSR Report.pdf
OS-16	2/4/2010	Primary	Acetone	9	ug/L	J	U	V	Reported result is less than 5X or 10X the associated field blank times the dilution factor.	D0B050469_V_DUSR Report.pdf
OS-25	2/11/2010	Primary	Acetone	2.3	ug/L	J	U	V	Reported result is less than 5X or 10X the associated field blank times the dilution factor.	D0B120461_V_DUSR Report.pdf
OS-26	1/15/2010	Primary	Chloromethane	0.98	ug/L	J	U	V	Reported result is less than 5X or 10X the associated field blank times the dilution factor.	D0A160457_V_DUSR Report.pdf
OS-27	2/11/2010	Primary	Acetone	2.1	ug/L	J	U	V	Reported result is less than 5X or 10X the associated field blank times the dilution factor.	D0B120461_V_DUSR Report.pdf
OS-28	2/11/2010	Primary	Acetone	2.3	ug/L	J	U	V	Reported result is less than 5X or 10X the associated field blank times the dilution factor.	D0B120461_V_DUSR Report.pdf
PZ-076	2/2/2010	Primary	Octachlorodibenzofuran	1.4	pg/L	B Q J	U	V	Reported result is less than 5X or 10X the associated method blank times the dilution factor.	D0B030471_V_DUSR Report.pdf
PZ-076	2/2/2010	Primary	Iron, Dissolved	0.031	mg/L	J	U	V	Reported result is less than 5X or 10X the associated field blank times the dilution factor.	D0B030476_V_DUSR Report.pdf
PZ-076	2/2/2010	Primary	Acetone	4.3	ug/L	J	U	V	Reported result is less than 5X or 10X the associated field blank times the dilution factor.	D0B030476_V_DUSR Report.pdf

TABLE A-III
SUMMARY OF FIRST QUARTER 2010 DATA QUALIFICATION
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well ID	Date	Sample Type	Constituent	Sample Result	Units	Original Lab Qualifier	Validation Qualifier	Validation Level	Validation Comments	Data Usability Summary Report Name
PZ-076	2/2/2010	Primary	Octachlorodibenzo-p-dioxin	3.9	pg/L	J B	U	V	Reported result is less than 5X or 10X the associated method blank times the dilution factor.	D0B030471_V_DUSR Report.pdf
PZ-076	2/2/2010	Primary	Manganese, Dissolved	0.022	mg/L		U	V	Reported result is less than 5X or 10X the associated field blank times the dilution factor.	D0B030476_V_DUSR Report.pdf
PZ-076	2/2/2010	Duplicate	Acetone	3.5	ug/L	J	U	V	Reported result is less than 5X or 10X the associated field blank times the dilution factor.	D0B030476_V_DUSR Report.pdf
PZ-091	2/1/2010	Primary	Iron, Dissolved	1.5	mg/L		U	V	Reported result is less than 5X or 10X the associated field blank times the dilution factor.	D0B020466_V_DUSR Report.pdf
PZ-139	2/3/2010	Primary	Octachlorodibenzofuran	8.5	pg/L	B J	U	IV	Reported result is less than 5X or 10X the associated method blank times the dilution factor.	D0B050571_IV_DUSR Report.pdf
PZ-139	2/3/2010	Split	1,2,3,4,7,8-Hexachlorodibenzofuran	1.1	pg/L	J,Q,B	U	IV	Reported result is less than 5X or 10X the associated method blank times the dilution factor.	ITB0631_IV_DUSR Report.pdf
PZ-139	2/3/2010	Split	1,2,3,6,7,8-Hexachlorodibenzofuran	0.8	pg/L	J,Q,B	U	IV	Reported result is less than 5X or 10X the associated method blank times the dilution factor.	ITB0631_IV_DUSR Report.pdf
PZ-139	2/3/2010	Primary	Iron, Dissolved	0.068	mg/L	J	U	V	Reported result is less than 5X or 10X the associated field blank times the dilution factor.	D0B040459_V_DUSR Report.pdf
PZ-139	2/3/2010	Primary	Manganese, Dissolved	0.21	mg/L		U	V	Reported result is less than 5X or 10X the associated field blank times the dilution factor.	D0B040459_V_DUSR Report.pdf
PZ-139	2/3/2010	Duplicate	Manganese, Dissolved	0.22	mg/L		U	V	Reported result is less than 5X or 10X the associated field blank times the dilution factor.	D0B040459_V_DUSR Report.pdf
PZ-139	2/3/2010	Duplicate	Iron, Dissolved	0.19	mg/L		U	V	Reported result is less than 5X or 10X the associated field blank times the dilution factor.	D0B040459_V_DUSR Report.pdf
PZ-140	2/10/2010	Primary	Formaldehyde	32	ug/L	J B	U	V	Reported result is less than 5X or 10X the associated field blank times the dilution factor.	D0B110446_V_DUSR Report.pdf
PZ-140	2/10/2010	Primary	Gasoline Range Organics (C6-C12)	61	ug/L	B	U	V	Reported result is greater than 5X or 10X the associated method blank times the dilution factor.	D0B110446_V_DUSR Report.pdf

See Table III for notes and abbreviations.
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TABLE A-III
SUMMARY OF FIRST QUARTER 2010 DATA QUALIFICATION
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well ID	Date	Sample Type	Constituent	Sample Result	Units	Original Lab Qualifier	Validation Qualifier	Validation Level	Validation Comments	Data Usability Summary Report Name
PZ-140	2/10/2010	Primary	Octachlorodibenzo-p-dioxin	1.5	pg/L	Q B J	U	V	Reported result is less than 5X or 10X the associated method blank times the dilution factor.	D0B110533_V_DUSR Report.pdf
PZ-140	2/10/2010	Primary	Chloroform	0.19	ug/L	J	U	V	Reported result is less than 5X or 10X the associated field blank times the dilution factor.	D0B110446_V_DUSR Report.pdf
PZ-140	2/10/2010	Primary	bis(2-Ethylhexyl) phthalate	2.1	ug/L	J	U	V	Reported result is less than 5X or 10X the associated field blank times the dilution factor.	D0B110446_V_DUSR Report.pdf
PZ-140	2/10/2010	Primary	Acetone	10	ug/L		U	V	Reported result is less than 5X or 10X the associated trip blank times the dilution factor.	D0B110446_V_DUSR Report.pdf
PZ-140	2/10/2010	Primary	1,4-Dioxane	0.58	ug/L	J	U	V	Reported result is less than 5X or 10X the associated method blank times the dilution factor.	D0B110446_V_DUSR Report.pdf
PZ-140	2/10/2010	Duplicate	Formaldehyde	31	ug/L	J B	U	V	Reported result is less than 5X or 10X the associated method blank times the dilution factor.	D0B110446_V_DUSR Report.pdf
PZ-140	2/10/2010	Duplicate	1,4-Dioxane	0.45	ug/L	J	U	V	Reported result is less than 5X or 10X the associated method blank times the dilution factor.	D0B110446_V_DUSR Report.pdf
PZ-141	2/11/2010	Primary	Manganese, Dissolved	0.074	mg/L		U	V	Reported result is less than 5X or 10X the associated field blank times the dilution factor.	D0B120461_V_DUSR Report.pdf
PZ-141	2/11/2010	Primary	1,4-Dioxane	0.64	ug/L	J	U	V	Reported result is less than 5X or 10X the associated method blank times the dilution factor.	D0B120461_V_DUSR Report.pdf
PZ-141	2/11/2010	Primary	Acetone	2.3	ug/L	J	U	V	Reported result is less than 5X or 10X the associated field blank times the dilution factor.	D0B120461_V_DUSR Report.pdf
PZ-141	2/11/2010	Primary	Gasoline Range Organics (C6-C12)	44	ug/L	J B	U	V	Reported result is less than 5X or 10X the associated field blank times the dilution factor.	D0B120461_V_DUSR Report.pdf
PZ-141	2/11/2010	Duplicate	Gasoline Range Organics (C6-C12)	37	ug/L	J B	U	V	Reported result is less than 5X or 10X the associated field blank times the dilution factor.	D0B120461_V_DUSR Report.pdf
PZ-141	2/11/2010	Duplicate	Manganese, Dissolved	0.093	mg/L		U	V	Reported result is less than 5X or 10X the associated field blank times the dilution factor.	D0B120461_V_DUSR Report.pdf

See Table III for notes and abbreviations.
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TABLE A-III
SUMMARY OF FIRST QUARTER 2010 DATA QUALIFICATION
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well ID	Date	Sample Type	Constituent	Sample Result	Units	Original Lab Qualifier	Validation Qualifier	Validation Level	Validation Comments	Data Usability Summary Report Name
PZ-141	2/11/2010	Duplicate	Iron, Dissolved	0.024	mg/L	J	U	V	Reported result is less than 5X or 10X the associated field blank times the dilution factor.	D0B120461_V_DUSR Report.pdf
PZ-141	2/11/2010	Duplicate	1,4-Dioxane	0.4	ug/L	J	U	V	Reported result is less than 5X or 10X the associated method blank times the dilution factor.	D0B120461_V_DUSR Report.pdf
RD-01	2/8/2010	Primary	Acetone	18	ug/L	J B	U	V	Reported result is less than 5X or 10X the associated method blank times the dilution factor.	D0B090487_V_DUSR Report.pdf
RD-01	2/8/2010	Primary	Fluoride	0.35	mg/L	J	U	V	Reported result is less than 5X or 10X the associated field blank times the dilution factor.	D0B090487_V_DUSR Report.pdf
RD-02	2/8/2010	Primary	Manganese, Dissolved	0.13	mg/L		U	V	Reported result is less than 5X or 10X the associated field blank times the dilution factor.	D0B090487_V_DUSR Report.pdf
RD-02	2/8/2010	Primary	Iron, Dissolved	0.24	mg/L		U	V	Reported result is less than 5X or 10X the associated field blank times the dilution factor.	D0B090487_V_DUSR Report.pdf
RD-02	2/8/2010	Primary	Acetone	14	ug/L		U	V	Reported result is less than 5X or 10X the associated field blank times the dilution factor.	D0B090487_V_DUSR Report.pdf
RD-02	2/8/2010	Primary	Fluoride	0.36	mg/L	J	U	V	Reported result is less than 5X or 10X the associated field blank times the dilution factor.	D0B090487_V_DUSR Report.pdf
RD-03	2/1/2010	Primary	Iron, Dissolved	0.32	mg/L		U	V	Reported result is less than 5X or 10X the associated field blank times the dilution factor.	D0B020466_V_DUSR Report.pdf
RD-03	2/1/2010	Primary	Octachlorodibenzo-p-dioxin	1.6	pg/L	J B	U	V	Reported result is less than 5X or 10X the associated method blank times the dilution factor.	D0B020488_V_DUSR Report.pdf
RD-03	2/1/2010	Duplicate	Octachlorodibenzo-p-dioxin	2.5	pg/L	Q B J	U	V	Reported result is less than 5X or 10X the associated method blank times the dilution factor.	D0B020488_V_DUSR Report.pdf
RD-04	2/3/2010	Primary	Fluoride	0.24	mg/L	J	U	V	Reported result is less than 5X or 10X the associated field blank times the dilution factor.	D0B040459_V_DUSR Report.pdf
RD-05B	1/29/2010	Primary	Carbon Disulfide	0.59	ug/L	J	U	V	Reported result is less than 5X or 10X the associated method blank times the dilution factor.	D0B010490_V_DUSR Report.pdf

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TABLE A-III
SUMMARY OF FIRST QUARTER 2010 DATA QUALIFICATION
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well ID	Date	Sample Type	Constituent	Sample Result	Units	Original Lab Qualifier	Validation Qualifier	Validation Level	Validation Comments	Data Usability Summary Report Name
RD-06	1/29/2010	Split	Endrin	0.028	ug/L	U,H8	UJ	V	Prepared or analyzed outside of holding time.	ITA2600_V_DUSR Report.pdf
RD-06	1/29/2010	Split	Heptachlor	0.0028	ug/L	U,H8	UJ	V	Prepared or analyzed outside of holding time.	ITA2600_V_DUSR Report.pdf
RD-06	1/29/2010	Split	Endrin aldehyde	0.047	ug/L	U,C-1a,H8	UJ	V	Prepared or analyzed outside of holding time.	ITA2600_V_DUSR Report.pdf
RD-06	1/29/2010	Split	Heptachlor epoxide	0.0024	ug/L	U,H8	UJ	V	Prepared or analyzed outside of holding time.	ITA2600_V_DUSR Report.pdf
RD-06	1/29/2010	Split	gamma-BHC	0.028	ug/L	U,H8	UJ	V	Prepared or analyzed outside of holding time.	ITA2600_V_DUSR Report.pdf
RD-06	1/29/2010	Split	Toxaphene	0.75	ug/L	U,H8	UJ	V	Prepared or analyzed outside of holding time.	ITA2600_V_DUSR Report.pdf
RD-06	1/29/2010	Split	4,4'-DDE	0.028	ug/L	U,H8	UJ	V	Prepared or analyzed outside of holding time.	ITA2600_V_DUSR Report.pdf
RD-06	1/29/2010	Split	4,4'-DDD	0.028	ug/L	U,H8	UJ	V	Prepared or analyzed outside of holding time.	ITA2600_V_DUSR Report.pdf
RD-06	1/29/2010	Split	Endosulfan sulfate	0.047	ug/L	U,C-1,H8	UJ	V	Prepared or analyzed outside of holding time.	ITA2600_V_DUSR Report.pdf
RD-06	1/29/2010	Split	Aldrin	0.0014	ug/L	U,H8	UJ	V	Prepared or analyzed outside of holding time.	ITA2600_V_DUSR Report.pdf
RD-06	1/29/2010	Split	Chlordane	0.038	ug/L	U,H8	UJ	V	Prepared or analyzed outside of holding time.	ITA2600_V_DUSR Report.pdf
RD-06	1/29/2010	Primary	Acetone	8.7	ug/L	J	U	V	Reported result is less than 5X or 10X the associated field blank times the dilution factor.	D0B010490_V_DUSR Report.pdf
RD-06	1/29/2010	Split	alpha-BHC	0.0024	ug/L	U,H8	UJ	V	Prepared or analyzed outside of holding time.	ITA2600_V_DUSR Report.pdf
RD-06	1/29/2010	Split	p,p'-Methoxychlor	0.038	ug/L	U,H8	UJ	V	Prepared or analyzed outside of holding time.	ITA2600_V_DUSR Report.pdf
RD-06	1/29/2010	Split	Endosulfan II	0.038	ug/L	U,H8	UJ	V	Prepared or analyzed outside of holding time.	ITA2600_V_DUSR Report.pdf
RD-06	1/29/2010	Split	delta-BHC	0.019	ug/L	U,H8	UJ	V	Prepared or analyzed outside of holding time.	ITA2600_V_DUSR Report.pdf
RD-06	1/29/2010	Split	beta-BHC	0.0038	ug/L	U,H8	UJ	V	Prepared or analyzed outside of holding time.	ITA2600_V_DUSR Report.pdf
RD-06	1/29/2010	Split	Endosulfan I	0.028	ug/L	U,H8	UJ	V	Prepared or analyzed outside of holding time.	ITA2600_V_DUSR Report.pdf
RD-06	1/29/2010	Split	Dieldrin	0.0019	ug/L	U,H8	UJ	V	Prepared or analyzed outside of holding time.	ITA2600_V_DUSR Report.pdf

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TABLE A-III
SUMMARY OF FIRST QUARTER 2010 DATA QUALIFICATION
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well ID	Date	Sample Type	Constituent	Sample Result	Units	Original Lab Qualifier	Validation Qualifier	Validation Level	Validation Comments	Data Usability Summary Report Name
RD-07	2/3/2010	Primary	Acetone	12	ug/L		U	V	Reported result is less than 5X or 10X the associated field blank times the dilution factor.	D0B040459_V_DUSR Report.pdf
RD-07	2/3/2010	Primary	Chloromethane	0.37	ug/L	J	U	V	Reported result is less than 5X or 10X the associated field blank times the dilution	D0B040459_V_DUSR Report.pdf
RD-09	1/26/2010	Primary	Fluoride	0.17	mg/L	J	U	V	Reported result is less than 5X or 10X the associated field blank times the dilution factor.	D0A270454_V_DUSR Report.pdf
RD-09	1/26/2010	Primary	Methylene chloride	1.6	ug/L	J	U	V	Reported result is less than 5X or 10X the associated trip blank times the dilution factor.	D0A270454_V_DUSR Report.pdf
RD-10	1/27/2010	Primary	Acetone	7.2	ug/L	J	U	V	Reported result is less than 5X or 10X the associated trip blank times the dilution factor.	D0A280463_V_DUSR Report.pdf
RD-10	1/27/2010	Primary	Fluoride	0.35	mg/L	J	U	V	Reported result is less than 5X or 10X the associated field blank times the dilution factor.	D0A280463_V_DUSR Report.pdf
RD-10	1/27/2010	Primary	Methylene chloride	0.64	ug/L	J	U	V	Reported result is less than 5X or 10X the associated field blank times the dilution factor.	D0A280463_V_DUSR Report.pdf
RD-10	1/27/2010	Duplicate	Fluoride	0.37	mg/L	J	U	V	Reported result is less than 5X or 10X the associated field blank times the dilution factor.	D0A280463_V_DUSR Report.pdf
RD-15	2/3/2010	Primary	Iron, Dissolved	0.13	mg/L		U	V	Reported result is less than 5X or 10X the associated field blank times the dilution factor.	D0B040459_V_DUSR Report.pdf
RD-15	2/3/2010	Primary	Manganese, Dissolved	0.079	mg/L		U	V	Reported result is less than 5X or 10X the associated field blank times the dilution factor.	D0B040459_V_DUSR Report.pdf
RD-15	2/3/2010	Primary	Acetone	9.9	ug/L	J	U	V	Reported result is less than 5X or 10X the associated field blank times the dilution factor.	D0B040459_V_DUSR Report.pdf
RD-15	2/3/2010	Primary	Chloromethane	0.38	ug/L	J	U	V	Reported result is less than 5X or 10X the associated field blank times the dilution factor.	D0B040459_V_DUSR Report.pdf
RD-15	2/3/2010	Duplicate	Manganese, Dissolved	0.081	mg/L		U	V	Reported result is less than 5X or 10X the associated field blank times the dilution factor.	D0B040459_V_DUSR Report.pdf

See Table III for notes and abbreviations.
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TABLE A-III
SUMMARY OF FIRST QUARTER 2010 DATA QUALIFICATION
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well ID	Date	Sample Type	Constituent	Sample Result	Units	Original Lab Qualifier	Validation Qualifier	Validation Level	Validation Comments	Data Usability Summary Report Name
RD-15	2/3/2010	Duplicate	Iron, Dissolved	0.16	mg/L		U	V	Reported result is less than 5X or 10X the associated field blank times the dilution factor.	D0B040459_V_DUSR Report.pdf
RD-16	2/3/2010	Primary	Chloromethane	0.38	ug/L	J	U	V	Reported result is less than 5X or 10X the associated field blank times the dilution factor.	D0B040459_V_DUSR Report.pdf
RD-16	2/3/2010	Primary	Acetone	8.6	ug/L	J	U	V	Reported result is less than 5X or 10X the associated field blank times the dilution factor.	D0B040459_V_DUSR Report.pdf
RD-16	2/3/2010	Duplicate	Acetone	8.2	ug/L	J	U	V	Reported result is less than 5X or 10X the associated field blank times the dilution factor.	D0B040459_V_DUSR Report.pdf
RD-16	2/3/2010	Duplicate	Chloromethane	0.37	ug/L	J	U	V	Reported result is less than 5X or 10X the associated field blank times the dilution factor.	D0B040459_V_DUSR Report.pdf
RD-17	1/19/2010	Primary	Chloromethane	0.6	ug/L	J	U	V	Reported result is less than 5X or 10X the associated field blank times the dilution factor.	D0A200585_V_DUSR Report.pdf
RD-18	2/10/2010	Primary	Acetone	12	ug/L		U	V	Reported result is less than 5X or 10X the associated trip blank times the dilution factor.	D0B110446_V_DUSR Report.pdf
RD-19	1/25/2010	Split	1,1-Dichloroethene	0.42	ug/L	U,H3	UJ	IV	Prepared or analyzed outside of holding time.	ITB1565_IV_DUSR Report.pdf
RD-19	1/25/2010	Split	Methyl ethyl ketone	4.7	ug/L	U,H3	UJ	IV	Prepared or analyzed outside of holding time.	ITB1565_IV_DUSR Report.pdf
RD-19	1/25/2010	Split	2-Hexanone	2.6	ug/L	U,H3	UJ	IV	Prepared or analyzed outside of holding time.	ITB1565_IV_DUSR Report.pdf
RD-19	1/25/2010	Split	Carbon Tetrachloride	0.28	ug/L	U,H3	UJ	IV	Prepared or analyzed outside of holding time.	ITB1565_IV_DUSR Report.pdf
RD-19	1/25/2010	Split	Ethylbenzene	0.25	ug/L	U,H3	UJ	IV	Prepared or analyzed outside of holding time.	ITB1565_IV_DUSR Report.pdf
RD-19	1/25/2010	Split	Dibromochloromethane	0.4	ug/L	U,H3	UJ	IV	Prepared or analyzed outside of holding time.	ITB1565_IV_DUSR Report.pdf
RD-19	1/25/2010	Split	cis-1,3-Dichloropropene	0.22	ug/L	U,H3	UJ	IV	Prepared or analyzed outside of holding time.	ITB1565_IV_DUSR Report.pdf
RD-19	1/25/2010	Split	cis-1,2-Dichloroethene	0.32	ug/L	U,H3	UJ	IV	Prepared or analyzed outside of holding time.	ITB1565_IV_DUSR Report.pdf
RD-19	1/25/2010	Split	Chloroform	0.33	ug/L	U,H3	UJ	IV	Prepared or analyzed outside of holding time.	ITB1565_IV_DUSR Report.pdf

TABLE A-III
SUMMARY OF FIRST QUARTER 2010 DATA QUALIFICATION
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well ID	Date	Sample Type	Constituent	Sample Result	Units	Original Lab Qualifier	Validation Qualifier	Validation Level	Validation Comments	Data Usability Summary Report Name
RD-19	1/25/2010	Split	Carbon Disulfide	0.48	ug/L	U,H3	UJ	IV	Prepared or analyzed outside of holding time.	ITB1565_IV_DUSR Report.pdf
RD-19	1/25/2010	Split	1,1,2-Trichloro-1,2,2-trifluoroethane	0.5	ug/L	U,H3	UJ	IV	Prepared or analyzed outside of holding time.	ITB1565_IV_DUSR Report.pdf
RD-19	1/25/2010	Split	1,1,2-Trichloroethane	0.3	ug/L	U,H3	UJ	IV	Prepared or analyzed outside of holding time.	ITB1565_IV_DUSR Report.pdf
RD-19	1/25/2010	Split	1,1,2,2-Tetrachloroethane	0.3	ug/L	U,H3	UJ	IV	Prepared or analyzed outside of holding time.	ITB1565_IV_DUSR Report.pdf
RD-19	1/25/2010	Split	o-Xylene	0.3	ug/L	U,H3	UJ	IV	Prepared or analyzed outside of holding time.	ITB1565_IV_DUSR Report.pdf
RD-19	1/25/2010	Split	Chloroethane	0.4	ug/L	U,H3	UJ	IV	Prepared or analyzed outside of holding time.	ITB1565_IV_DUSR Report.pdf
RD-19	1/25/2010	Split	Bromodichloromethane	0.3	ug/L	U,H3	UJ	IV	Prepared or analyzed outside of holding time.	ITB1565_IV_DUSR Report.pdf
RD-19	1/25/2010	Split	1,2-Dichloroethane	0.28	ug/L	U,H3	UJ	IV	Prepared or analyzed outside of holding time.	ITB1565_IV_DUSR Report.pdf
RD-19	1/25/2010	Split	Chlorobenzene	0.36	ug/L	U,H3	UJ	IV	Prepared or analyzed outside of holding time.	ITB1565_IV_DUSR Report.pdf
RD-19	1/25/2010	Split	Bromomethane	0.42	ug/L	U,H3	UJ	IV	Prepared or analyzed outside of holding time.	ITB1565_IV_DUSR Report.pdf
RD-19	1/25/2010	Split	1,3-Dichlorobenzene	0.35	ug/L	U,H3	UJ	IV	Prepared or analyzed outside of holding time.	ITB1565_IV_DUSR Report.pdf
RD-19	1/25/2010	Split	Chloromethane	0.4	ug/L	U,H3	UJ	IV	Prepared or analyzed outside of holding time.	ITB1565_IV_DUSR Report.pdf
RD-19	1/25/2010	Split	1,1-Dichloroethane	0.4	ug/L	U,H3	UJ	IV	Prepared or analyzed outside of holding time.	ITB1565_IV_DUSR Report.pdf
RD-19	1/25/2010	Split	1,1,1-Trichloroethane	0.3	ug/L	U,H3	UJ	IV	Prepared or analyzed outside of holding time.	ITB1565_IV_DUSR Report.pdf
RD-19	1/25/2010	Split	1,2-Dichloropropane	0.35	ug/L	U,H3	UJ	IV	Prepared or analyzed outside of holding time.	ITB1565_IV_DUSR Report.pdf
RD-19	1/25/2010	Split	Bromoform	0.4	ug/L	U,H3	UJ	IV	Prepared or analyzed outside of holding time.	ITB1565_IV_DUSR Report.pdf
RD-19	1/25/2010	Split	Benzene	0.28	ug/L	U,H3	UJ	IV	Prepared or analyzed outside of holding time.	ITB1565_IV_DUSR Report.pdf
RD-19	1/25/2010	Split	Acetone	4.5	ug/L	U,H3	UJ	IV	Prepared or analyzed outside of holding time.	ITB1565_IV_DUSR Report.pdf
RD-19	1/25/2010	Split	Methyl isobutyl ketone (MIBK)	3.5	ug/L	U,H3	UJ	IV	Prepared or analyzed outside of holding time.	ITB1565_IV_DUSR Report.pdf
RD-19	1/25/2010	Split	Vinyl chloride	0.4	ug/L	U,H3	UJ	IV	Prepared or analyzed outside of holding time.	ITB1565_IV_DUSR Report.pdf

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TABLE A-III
SUMMARY OF FIRST QUARTER 2010 DATA QUALIFICATION
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well ID	Date	Sample Type	Constituent	Sample Result	Units	Original Lab Qualifier	Validation Qualifier	Validation Level	Validation Comments	Data Usability Summary Report Name
RD-19	1/25/2010	Split	trans-1,3-Dichloropropene	0.32	ug/L	U,H3	UJ	IV	Prepared or analyzed outside of holding time.	ITB1565_IV_DUSR Report.pdf
RD-19	1/25/2010	Split	Tetrachloroethene	0.32	ug/L	U,H3	UJ	IV	Prepared or analyzed outside of holding time.	ITB1565_IV_DUSR Report.pdf
RD-19	1/25/2010	Split	Toluene	0.36	ug/L	U,H3	UJ	IV	Prepared or analyzed outside of holding time.	ITB1565_IV_DUSR Report.pdf
RD-19	1/25/2010	Primary	Trichloroethene	21	ug/L		U	IV,V	Reported result is less than 5X or 10X the associated field blank times the dilution factor.	D0A260443_IV_DUSR Report.pdf; D0A260443_V_DUSR Report.pdf
RD-19	1/25/2010	Split	trans-1,2-Dichloroethene	0.3	ug/L	U,H3	UJ	IV	Prepared or analyzed outside of holding time.	ITB1565_IV_DUSR Report.pdf
RD-19	1/25/2010	Split	1,2-Dichlorobenzene	0.32	ug/L	U,H3	UJ	IV	Prepared or analyzed outside of holding time.	ITB1565_IV_DUSR Report.pdf
RD-19	1/25/2010	Split	Trichloroethene	0.26	ug/L	U,H3	UJ	IV	Prepared or analyzed outside of holding time.	ITB1565_IV_DUSR Report.pdf
RD-19	1/25/2010	Split	Trichlorofluoromethane	0.34	ug/L	U,H3	UJ	IV	Prepared or analyzed outside of holding time.	ITB1565_IV_DUSR Report.pdf
RD-19	1/25/2010	Split	m-Xylene & p-Xylene	0.6	ug/L	U,H3	UJ	IV	Prepared or analyzed outside of holding time.	ITB1565_IV_DUSR Report.pdf
RD-19	1/25/2010	Split	1,4-Dichlorobenzene	0.37	ug/L	U,H3	UJ	IV	Prepared or analyzed outside of holding time.	ITB1565_IV_DUSR Report.pdf
RD-21	2/3/2010	Primary	Manganese, Dissolved	0.0033	mg/L	J	U	V	Reported result is less than 5X or 10X the associated field blank times the dilution factor.	D0B050469_V_DUSR Report.pdf
RD-21	2/3/2010	Primary	Chloroform	2.2	ug/L		U	V	Reported result is less than 5X or 10X the associated field blank times the dilution factor.	D0B040459_V_DUSR Report.pdf
RD-21	2/3/2010	Primary	Acetone	9.6	ug/L	J	U	V	Reported result is less than 5X or 10X the associated field blank times the dilution factor.	D0B040459_V_DUSR Report.pdf
RD-22	2/3/2010	Primary	Manganese, Dissolved	0.032	mg/L		U	V	Reported result is less than 5X or 10X the associated field blank times the dilution factor.	D0B040459_V_DUSR Report.pdf
RD-22	2/3/2010	Primary	Acetone	12	ug/L		U	V	Reported result is less than 5X or 10X the associated field blank times the dilution factor.	D0B040459_V_DUSR Report.pdf
RD-22	2/3/2010	Primary	Chloromethane	0.31	ug/L	J	U	V	Reported result is less than 5X or 10X the associated field blank times the dilution factor.	D0B040459_V_DUSR Report.pdf

See Table III for notes and abbreviations.
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G:\Projects\26472\Reports\M-516 1st Qtr 2010\AppA\M516_A-III_Data Qualification-F.xls

TABLE A-III
SUMMARY OF FIRST QUARTER 2010 DATA QUALIFICATION
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well ID	Date	Sample Type	Constituent	Sample Result	Units	Original Lab Qualifier	Validation Qualifier	Validation Level	Validation Comments	Data Usability Summary Report Name
RD-22	2/3/2010	Primary	Iron, Dissolved	0.33	mg/L		U	V	Reported result is less than 5X or 10X the associated field blank times the dilution factor.	D0B040459_V_DUSR Report.pdf
RD-23	2/4/2010	Primary	Manganese, Dissolved	0.0025	mg/L	J	U	V	Reported result is less than 5X or 10X the associated field blank times the dilution factor.	D0B050469_V_DUSR Report.pdf
RD-26	1/18/2010	Primary	Chloroform	0.17	ug/L	J	U	V	Reported result is less than 5X or 10X the associated field blank times the dilution factor.	D0A190501_V_DUSR Report.pdf
RD-26	1/18/2010	Duplicate	Chloroform	0.17	ug/L	J	U	V	Reported result is less than 5X or 10X the associated field blank times the dilution factor.	D0A190501_V_DUSR Report.pdf
RD-27	2/11/2010	Primary	Methylene chloride	3.8	ug/L	J	U	V	Reported result is less than 5X or 10X the associated field blank times the dilution factor.	D0B120461_V_DUSR Report.pdf
RD-29	2/10/2010	Primary	Acetone	10	ug/L		U	V	Reported result is less than 5X or 10X the associated trip blank times the dilution factor.	D0B110446_V_DUSR Report.pdf
RD-32	2/5/2010	Primary	Acetone	9.8	ug/L	J	U	V	Reported result is less than 5X or 10X the associated field blank times the dilution factor.	D0B060448_V_DUSR Report.pdf
RD-32	2/5/2010	Primary	Gasoline Range Organics (C6-C12)	6.1	ug/L	J	U	V	Reported result is less than 5X or 10X the associated field blank times the dilution factor.	D0B060448_V_DUSR Report.pdf
RD-32	2/5/2010	Duplicate	Acetone	9.2	ug/L	J	U	V	Reported result is less than 5X or 10X the associated field blank times the dilution factor.	D0B060448_V_DUSR Report.pdf
RD-32	2/5/2010	Duplicate	Gasoline Range Organics (C6-C12)	14	ug/L	J B	U	V	Reported result is less than 5X or 10X the associated method blank times the dilution factor.	D0B060448_V_DUSR Report.pdf
RD-33A	2/4/2010	Primary	Iron, Dissolved	0.049	mg/L	J	U	V	Reported result is less than 5X or 10X the associated field blank times the dilution factor.	D0B090487_V_DUSR Report.pdf
RD-33A	2/4/2010	Primary	Manganese, Dissolved	0.016	mg/L	J	U	V	Reported result is less than 5X or 10X the associated field blank times the dilution factor.	D0B090487_V_DUSR Report.pdf
RD-33B	2/9/2010	Primary	Acetone	12	ug/L		U	V	Reported result is less than 5X or 10X the associated field blank times the dilution factor.	D0B100549_V_DUSR Report.pdf

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TABLE A-III
SUMMARY OF FIRST QUARTER 2010 DATA QUALIFICATION
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well ID	Date	Sample Type	Constituent	Sample Result	Units	Original Lab Qualifier	Validation Qualifier	Validation Level	Validation Comments	Data Usability Summary Report Name
RD-33B	2/9/2010	Primary	Cyanides	0.0039	mg/L	J	U	V	Reported result is less than 5X or 10X the associated field blank times the dilution factor.	D0B100549_V_DUSR Report.pdf
RD-33C	2/2/2010	Primary	Manganese, Dissolved	0.038	mg/L		U	V	Reported result is less than 5X or 10X the associated field blank times the dilution factor.	D0B030476_V_DUSR Report.pdf
RD-33C	2/2/2010	Primary	Acetone	2.8	ug/L	J	U	V	Reported result is less than 5X or 10X the associated field blank times the dilution factor.	D0B030476_V_DUSR Report.pdf
RD-33C	2/2/2010	Primary	Iron, Dissolved	0.22	mg/L		U	V	Reported result is less than 5X or 10X the associated field blank times the dilution factor.	D0B030476_V_DUSR Report.pdf
RD-34A	2/2/2010	Primary	Manganese, Dissolved	0.042	mg/L		U	V	Reported result is less than 5X or 10X the associated field blank times the dilution factor.	D0B030476_V_DUSR Report.pdf
RD-34A	2/2/2010	Primary	Acetone	3.1	ug/L	J	U	V	Reported result is less than 5X or 10X the associated field blank times the dilution factor.	D0B030476_V_DUSR Report.pdf
RD-34A	2/2/2010	Primary	Iron, Dissolved	0.61	mg/L		U	V	Reported result is less than 5X or 10X the associated field blank times the dilution factor.	D0B030476_V_DUSR Report.pdf
RD-34B	2/1/2010	Primary	Cyanides	0.0028	mg/L	J	U	V	Reported result is less than 5X or 10X the associated field blank times the dilution factor.	D0B020466_V_DUSR Report.pdf
RD-34B	2/1/2010	Primary	Iron, Dissolved	0.36	mg/L		U	V	Reported result is less than 5X or 10X the associated field blank times the dilution factor.	D0B020466_V_DUSR Report.pdf
RD-34C	2/1/2010	Primary	Iron, Dissolved	0.27	mg/L		U	V	Reported result is less than 5X or 10X the associated field blank times the dilution factor.	D0B020466_V_DUSR Report.pdf
RD-34C	2/1/2010	Duplicate	Iron, Dissolved	0.24	mg/L		U	V	Reported result is less than 5X or 10X the associated field blank times the dilution factor.	D0B020466_V_DUSR Report.pdf
RD-36C	1/27/2010	Primary	Gasoline Range Organics (C6-C12)	64	ug/L	B	U	V	Reported result is less than 5X or 10X the associated method blank times the dilution factor.	D0A280463_V_DUSR Report.pdf
RD-36C	1/27/2010	Primary	Methylene chloride	0.57	ug/L	J	U	V	Reported result is less than 5X or 10X the associated trip blank times the dilution factor.	D0A280463_V_DUSR Report.pdf

See Table III for notes and abbreviations.

TABLE A-III
SUMMARY OF FIRST QUARTER 2010 DATA QUALIFICATION
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well ID	Date	Sample Type	Constituent	Sample Result	Units	Original Lab Qualifier	Validation Qualifier	Validation Level	Validation Comments	Data Usability Summary Report Name
RD-36C	1/27/2010	Duplicate	Acetone	2.5	ug/L	J	U	V	Reported result is less than 5X or 10X the associated trip blank times the dilution factor.	D0A280463_V_DUSR Report.pdf
RD-36C	1/27/2010	Duplicate	Gasoline Range Organics (C6-C12)	62	ug/L	B	U	V	Reported result is less than 5X or 10X the associated method blank times the dilution factor.	D0A280463_V_DUSR Report.pdf
RD-36C	1/27/2010	Duplicate	Methylene chloride	0.64	ug/L	J	U	V	Reported result is less than 5X or 10X the associated trip blank times the dilution factor.	D0A280463_V_DUSR Report.pdf
RD-36D	1/27/2010	Primary	Gasoline Range Organics (C6-C12)	6.2	ug/L	J B	U	V	Reported result is less than 5X or 10X the associated method blank times the dilution factor.	D0A280463_V_DUSR Report.pdf
RD-36D	1/27/2010	Primary	Methylene chloride	1.1	ug/L	J	U	V	Reported result is less than 5X or 10X the associated trip blank times the dilution factor.	D0A280463_V_DUSR Report.pdf
RD-36D	1/27/2010	Duplicate	Acetone	3.6	ug/L	J	U	V	Reported result is less than 5X or 10X the associated trip blank times the dilution factor.	D0A280463_V_DUSR Report.pdf
RD-36D	1/27/2010	Duplicate	Methylene chloride	1.1	ug/L	J	U	V	Reported result is less than 5X or 10X the associated trip blank times the dilution factor.	D0A280463_V_DUSR Report.pdf
RD-38B	1/29/2010	Primary	Acetone	9.3	ug/L	J	U	V	Reported result is less than 5X or 10X the associated field blank times the dilution factor.	D0B010490_V_DUSR Report.pdf
RD-39B	2/8/2010	Primary	Acetone	11	ug/L	B	U	V	Reported result is less than 5X or 10X the associated method blank times the dilution factor.	D0B090487_V_DUSR Report.pdf
RD-41B	2/10/2010	Primary	Acetone	10	ug/L		U	V	Reported result is less than 5X or 10X the associated trip blank times the dilution factor.	D0B110446_V_DUSR Report.pdf
RD-41B	2/10/2010	Primary	Fluoride	0.17	mg/L	J	U	V	Reported result is less than 5X or 10X the associated field blank times the dilution factor.	D0B110446_V_DUSR Report.pdf
RD-41B	2/10/2010	Primary	bis(2-Ethylhexyl) phthalate	1.9	ug/L	J	U	V	Reported result is less than 5X or 10X the associated field blank times the dilution factor.	D0B110446_V_DUSR Report.pdf
RD-43B	1/28/2010	Primary	Toluene	0.22	ug/L	J	U	V	Reported result is less than 5X or 10X the associated trip blank times the dilution factor.	D0A290450_V_DUSR Report.pdf

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TABLE A-III
SUMMARY OF FIRST QUARTER 2010 DATA QUALIFICATION
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well ID	Date	Sample Type	Constituent	Sample Result	Units	Original Lab Qualifier	Validation Qualifier	Validation Level	Validation Comments	Data Usability Summary Report Name
RD-44	2/4/2010	Primary	Iron, Dissolved	0.044	mg/L	J	U	V	Reported result is less than 5X or 10X the associated field blank times the dilution factor.	D0B050469_V_DUSR Report.pdf
RD-44	2/4/2010	Primary	Acetone	8.2	ug/L	J	U	V	Reported result is less than 5X or 10X the associated field blank times the dilution factor.	D0B050469_V_DUSR Report.pdf
RD-44	2/4/2010	Primary	bis(2-Ethylhexyl) phthalate	2.2	ug/L	J B	U	V	Reported result is less than 5X or 10X the associated method blank times the dilution factor.	D0B050469_V_DUSR Report.pdf
RD-44	2/4/2010	Split	Iron, Dissolved	0.048	mg/L	B	U	V	Reported result is less than 5X or 10X the associated method blank times the dilution factor.	ITB0849_V_DUSR Report.pdf
RD-44	2/4/2010	Primary	Fluoride	0.37	mg/L	J	U	V	Reported result is less than 5X or 10X the associated field blank times the dilution factor.	D0B050469_V_DUSR Report.pdf
RD-44	2/4/2010	Primary	Manganese, Dissolved	0.037	mg/L		U	V	Reported result is less than 5X or 10X the associated field blank times the dilution factor.	D0B050469_V_DUSR Report.pdf
RD-44	2/4/2010	Duplicate	Iron, Dissolved	0.053	mg/L	J	U	V	Reported result is less than 5X or 10X the associated field blank times the dilution factor.	D0B050469_V_DUSR Report.pdf
RD-44	2/4/2010	Duplicate	Manganese, Dissolved	0.037	mg/L		U	V	Reported result is less than 5X or 10X the associated field blank times the dilution factor.	D0B050469_V_DUSR Report.pdf
RD-45C	1/29/2010	Duplicate	Acetone	2.6	ug/L	J	U	V	Reported result is less than 5X or 10X the associated field blank times the dilution factor.	D0B010490_V_DUSR Report.pdf
RD-46A	2/3/2010	Primary	Octachlorodibenzo-p-dioxin	2.8	pg/L	B J	U	V	Reported result is less than 5X or 10X the associated method blank times the dilution factor.	D0B050571_V_DUSR Report.pdf
RD-46A	2/3/2010	Primary	bis(2-Ethylhexyl) phthalate	2.2	ug/L	J B	U	V	Reported result is less than 5X or 10X the associated method blank times the dilution factor.	D0B050469_V_DUSR Report.pdf
RD-46B	2/3/2010	Primary	bis(2-Ethylhexyl) phthalate	2.2	ug/L	J B	U	V	Reported result is less than 5X or 10X the associated method blank times the dilution factor.	D0B050469_V_DUSR Report.pdf
RD-47	2/9/2010	Primary	Acetone	8.3	ug/L	J	U	V	Reported result is less than 5X or 10X the associated field blank times the dilution factor.	D0B100549_V_DUSR Report.pdf

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TABLE A-III
SUMMARY OF FIRST QUARTER 2010 DATA QUALIFICATION
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well ID	Date	Sample Type	Constituent	Sample Result	Units	Original Lab Qualifier	Validation Qualifier	Validation Level	Validation Comments	Data Usability Summary Report Name
RD-47	2/9/2010	Duplicate	Acetone	8.2	ug/L	J	U	V	Reported result is less than 5X or 10X the associated field blank times the dilution factor.	D0B100549_V_DUSR Report.pdf
RD-48B	2/1/2010	Primary	Acetone	1.9	ug/L	J	U	V	Reported result is less than 5X or 10X the associated field blank times the dilution factor.	D0B020466_V_DUSR Report.pdf
RD-48C	1/28/2010	Primary	Toluene	0.27	ug/L	J	U	V	Reported result is less than 5X or 10X the associated trip blank times the dilution factor.	D0A290450_V_DUSR Report.pdf
RD-49B	1/27/2010	Primary	bis(2-Ethylhexyl) phthalate	3.5	ug/L	J	U	V	Reported result is less than 5X or 10X the associated field blank times the dilution factor.	D0A280463_V_DUSR Report.pdf
RD-49B	1/27/2010	Primary	Fluoride	0.21	mg/L	J	U	V	Reported result is less than 5X or 10X the associated field blank times the dilution factor.	D0A280463_V_DUSR Report.pdf
RD-49B	1/27/2010	Primary	Methylene chloride	0.34	ug/L	J B	U	V	Reported result is less than 5X or 10X the associated method blank times the dilution factor.	D0A280463_V_DUSR Report.pdf
RD-49C	1/27/2010	Primary	trans-1,2-Dichloroethene	2.9	ug/L		J	V	Surrogate recovery outside acceptance criteria.	D0A280463_V_DUSR Report.pdf
RD-49C	1/27/2010	Primary	Methylene chloride	0.39	ug/L	J B	U	V	Reported result is less than 5X or 10X the associated method blank times the dilution factor.	D0A280463_V_DUSR Report.pdf
RD-49C	1/27/2010	Primary	Trichloroethene	13	ug/L		J	V	Surrogate recovery outside acceptance criteria.	D0A280463_V_DUSR Report.pdf
RD-49C	1/27/2010	Primary	Fluoride	0.24	mg/L	J	U	V	Reported result is less than 5X or 10X the associated field blank times the dilution factor.	D0A280463_V_DUSR Report.pdf
RD-49C	1/27/2010	Primary	cis-1,2-Dichloroethene	88	ug/L		J	V	Surrogate recovery outside acceptance criteria.	D0A280463_V_DUSR Report.pdf
RD-49C	1/27/2010	Primary	Acetone	2.3	ug/L	J B	U	V	Reported result is less than 5X or 10X the associated method blank times the dilution factor.	D0A280463_V_DUSR Report.pdf
RD-49C	1/27/2010	Primary	Vinyl chloride	1.9	ug/L		J	V	Surrogate recovery outside acceptance criteria.	D0A280463_V_DUSR Report.pdf
RD-49C	1/27/2010	Duplicate	Fluoride	0.24	mg/L	J	U	V	Reported result is less than 5X or 10X the associated field blank times the dilution factor.	D0A280463_V_DUSR Report.pdf

TABLE A-III
SUMMARY OF FIRST QUARTER 2010 DATA QUALIFICATION
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well ID	Date	Sample Type	Constituent	Sample Result	Units	Original Lab Qualifier	Validation Qualifier	Validation Level	Validation Comments	Data Usability Summary Report Name
RD-50	2/3/2010	Primary	Acetone	11	ug/L		U	V	Reported result is less than 5X or 10X the associated field blank times the dilution factor.	D0B040459_V_DUSR Report.pdf
RD-50	2/3/2010	Primary	Chloromethane	0.39	ug/L	J	U	V	Reported result is less than 5X or 10X the associated field blank times the dilution factor.	D0B040459_V_DUSR Report.pdf
RD-51B	1/26/2010	Primary	Methylene chloride	0.77	ug/L	J	U	V	Reported result is less than 5X or 10X the associated trip blank times the dilution factor.	D0A270454_V_DUSR Report.pdf
RD-51B	1/26/2010	Primary	Fluoride	0.32	mg/L	J	U	V	Reported result is less than 5X or 10X the associated field blank times the dilution factor.	D0A270454_V_DUSR Report.pdf
RD-52C	1/27/2010	Primary	Methylene chloride	0.33	ug/L	J B	U	V	Reported result is less than 5X or 10X the associated method blank times the dilution factor.	D0A280463_V_DUSR Report.pdf
RD-52C	1/27/2010	Duplicate	Methylene chloride	0.39	ug/L	J B	U	V	Reported result is less than 5X or 10X the associated method blank times the dilution factor.	D0A280463_V_DUSR Report.pdf
RD-54A	2/4/2010	Primary	Iron, Dissolved	0.38	mg/L		U	V	Reported result is less than 5X or 10X the associated field blank times the dilution factor.	D0B050469_V_DUSR Report.pdf
RD-54A	2/4/2010	Primary	Manganese, Dissolved	0.29	mg/L		U	V	Reported result is less than 5X or 10X the associated field blank times the dilution factor.	D0B050469_V_DUSR Report.pdf
RD-54A	2/4/2010	Primary	Acetone	11	ug/L		U	V	Reported result is less than 5X or 10X the associated field blank times the dilution factor.	D0B050469_V_DUSR Report.pdf
RD-54A	2/4/2010	Primary	Chloroform	0.25	ug/L	J	U	V	Reported result is less than 5X or 10X the associated field blank times the dilution factor.	D0B050469_V_DUSR Report.pdf
RD-54B	2/9/2010	Primary	Acetone	11	ug/L		U	V	Reported result is less than 5X or 10X the associated field blank times the dilution factor.	D0B100549_V_DUSR Report.pdf
RD-54C	2/9/2010	Primary	Acetone	11	ug/L		U	V	Reported result is less than 5X or 10X the associated field blank times the dilution factor.	D0B100549_V_DUSR Report.pdf
RD-55A	2/5/2010	Primary	Fluoride	0.36	mg/L	J	U	V	Reported result is less than 5X or 10X the associated field blank times the dilution factor.	D0B060448_V_DUSR Report.pdf

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TABLE A-III
SUMMARY OF FIRST QUARTER 2010 DATA QUALIFICATION
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well ID	Date	Sample Type	Constituent	Sample Result	Units	Original Lab Qualifier	Validation Qualifier	Validation Level	Validation Comments	Data Usability Summary Report Name
RD-55A	2/5/2010	Primary	bis(2-Ethylhexyl) phthalate	2.2	ug/L	J B	U	V	Reported result is less than 5X or 10X the associated method blank times the dilution factor.	D0B060448_V_DUSR Report.pdf
RD-55A	2/5/2010	Primary	Acetone	9	ug/L	J	U	V	Reported result is less than 5X or 10X the associated field blank times the dilution factor.	D0B060448_V_DUSR Report.pdf
RD-55B	2/5/2010	Primary	Fluoride	0.58	mg/L		U	V	Reported result is less than 5X or 10X the associated field blank times the dilution factor.	D0B060448_V_DUSR Report.pdf
RD-55B	2/5/2010	Primary	bis(2-Ethylhexyl) phthalate	2.2	ug/L	J B	U	V	Reported result is less than 5X or 10X the associated method blank times the dilution factor.	D0B060448_V_DUSR Report.pdf
RD-56B	2/4/2010	Primary	Acetone	7.3	ug/L	J	U	V	Reported result is less than 5X or 10X the associated field blank times the dilution factor.	D0B050469_V_DUSR Report.pdf
RD-57	2/4/2010	Primary	Acetone	9.5	ug/L	J	U	V	Reported result is less than 5X or 10X the associated field blank times the dilution factor.	D0B050469_V_DUSR Report.pdf
RD-57	2/4/2010	Primary	Manganese, Dissolved	0.0016	mg/L	J	U	V	Reported result is less than 5X or 10X the associated field blank times the dilution factor.	D0B090487_V_DUSR Report.pdf
RD-58A	1/25/2010	Primary	Fluoride	0.4	mg/L	J	U	V	Reported result is less than 5X or 10X the associated field blank times the dilution factor.	D0A260443_V_DUSR Report.pdf
RD-58B	2/3/2010	Primary	Fluoride	0.43	mg/L	J	U	V	Reported result is less than 5X or 10X the associated field blank times the dilution factor.	D0B040459_V_DUSR Report.pdf
RD-58B	2/3/2010	Primary	Acetone	9.4	ug/L	J	U	V	Reported result is less than 5X or 10X the associated field blank times the dilution factor.	D0B040459_V_DUSR Report.pdf
RD-58C	1/29/2010	Duplicate	Acetone	8.9	ug/L	J	U	V	Reported result is less than 5X or 10X the associated field blank times the dilution factor.	D0B010490_V_DUSR Report.pdf
RD-61	1/29/2010	Primary	Manganese, Dissolved	0.74	mg/L		U	V	Reported result is less than 5X or 10X the associated field blank times the dilution factor.	D0B010490_V_DUSR Report.pdf
RD-61	1/29/2010	Primary	Iron, Dissolved	21	mg/L		U	V	Reported result is less than 5X or 10X the associated field blank times the dilution factor.	D0B010490_V_DUSR Report.pdf

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TABLE A-III
SUMMARY OF FIRST QUARTER 2010 DATA QUALIFICATION
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well ID	Date	Sample Type	Constituent	Sample Result	Units	Original Lab Qualifier	Validation Qualifier	Validation Level	Validation Comments	Data Usability Summary Report Name
RD-61	1/29/2010	Primary	Acetone	9.5	ug/L	J	U	V	Reported result is less than 5X or 10X the associated field blank times the dilution factor.	D0B010490_V_DUSR Report.pdf
RD-62	2/4/2010	Primary	Manganese, Dissolved	0.073	mg/L		U	IV,V	Reported result is less than 5X or 10X the associated field blank times the dilution factor.	D0B050469_V_DUSR Report.pdf; D0B050469_IV_DUSR Report.pdf;
RD-62	2/4/2010	Primary	Iron, Dissolved	0.1	mg/L		U	IV,V	Reported result is less than 5X or 10X the associated field blank times the dilution factor.	D0B050469_V_DUSR Report.pdf; D0B050469_IV_DUSR Report.pdf;
RD-62	2/4/2010	Primary	Acetone	11	ug/L		U	V	Reported result is less than 5X or 10X the associated field blank times the dilution factor.	D0B050469_V_DUSR Report.pdf
RD-62	2/4/2010	Split	Iron, Dissolved	0.095	mg/L	B	U	V	Reported result is less than 5X or 10X the associated method blank times the dilution factor.	ITB0849_V_DUSR Report.pdf
RD-62	2/4/2010	Primary	bis(2-Ethylhexyl) phthalate	2.2	ug/L	J B	U	V	Reported result is less than 5X or 10X the associated method blank times the dilution factor.	D0B050469_V_DUSR Report.pdf
RD-62	2/4/2010	Duplicate	bis(2-Ethylhexyl) phthalate	2.2	ug/L	J B	U	V	Reported result is less than 5X or 10X the associated method blank times the dilution factor.	D0B050469_V_DUSR Report.pdf
RD-65	2/3/2010	Primary	Chloromethane	0.41	ug/L	J	U	IV,V	Reported result is less than 5X or 10X the associated field blank times the dilution factor.	D0B040459_V_DUSR Report.pdf; D0B040459_IV_DUSR Report.pdf
RD-65	2/3/2010	Primary	Acetone	18	ug/L		U	IV,V	Reported result is less than 5X or 10X the associated field blank times the dilution factor.	D0B040459_V_DUSR Report.pdf; D0B040459_IV_DUSR Report.pdf
RD-65	2/3/2010	Primary	Chloroform	0.3	ug/L	J	U	IV,V	Reported result is less than 5X or 10X the associated field blank times the dilution factor.	D0B040459_V_DUSR Report.pdf; D0B040459_IV_DUSR Report.pdf
RD-66	1/27/2010	Primary	Methylene chloride	0.4	ug/L	J B	U	V	Reported result is less than 5X or 10X the associated method blank times the dilution factor.	D0A280463_V_DUSR Report.pdf

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TABLE A-III
SUMMARY OF FIRST QUARTER 2010 DATA QUALIFICATION
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well ID	Date	Sample Type	Constituent	Sample Result	Units	Original Lab Qualifier	Validation Qualifier	Validation Level	Validation Comments	Data Usability Summary Report Name
RD-67	1/15/2010	Primary	Chloromethane	0.73	ug/L	J	U	V	Reported result is less than 5X or 10X the associated field blank times the dilution factor.	D0A160457_V_DUSR Report.pdf
RD-68A	2/3/2010	Primary	Chloromethane	0.49	ug/L	J	U	IV,V	Reported result is less than 5X or 10X the associated field blank times the dilution factor.	D0B040459_V_DUSR Report.pdf; D0B040459_IV_DUSR Report.pdf
RD-68A	2/3/2010	Primary	Acetone	8.6	ug/L	J	U	IV,V	Reported result is less than 5X or 10X the associated field blank times the dilution factor.	D0B040459_V_DUSR Report.pdf; D0B040459_IV_DUSR Report.pdf
RD-68B	2/3/2010	Primary	Acetone	10	ug/L		U	V	Reported result is less than 5X or 10X the associated field blank times the dilution factor.	D0B040459_V_DUSR Report.pdf
RD-69	2/11/2010	Primary	Formaldehyde	100	ug/L	B	U	V	Reported result is less than 5X or 10X the associated method blank times the dilution factor.	D0B120461_V_DUSR Report.pdf
RD-69	2/11/2010	Primary	Fluoride	0.27	mg/L	J	U	V	Reported result is less than 5X or 10X the associated field blank times the dilution factor.	D0B120461_V_DUSR Report.pdf
RD-69	2/11/2010	Primary	Manganese, Dissolved	0.12	mg/L		U	V	Reported result is less than 5X or 10X the associated field blank times the dilution factor.	D0B120461_V_DUSR Report.pdf
RD-69	2/11/2010	Split	pH	7.03	pH Units	HFT	R		Prepared or analyzed outside of holding time.	ITB1437_V_DUSR Report.pdf
RD-69	2/11/2010	Split	Turbidity	11	NTU	H	R		Prepared or analyzed outside of holding time.	ITB1437_V_DUSR Report.pdf
RD-69	2/11/2010	Primary	Iron, Dissolved	1.3	mg/L		U	V	Reported result is less than 5X or 10X the associated field blank times the dilution factor.	D0B120461_V_DUSR Report.pdf
RD-69	2/11/2010	Primary	Methylene chloride	3.4	ug/L	J	U	V	Reported result is less than 5X or 10X the associated field blank times the dilution factor.	D0B120461_V_DUSR Report.pdf
RD-69	2/11/2010	Duplicate	Formaldehyde	100	ug/L	B	U	V	Reported result is less than 5X or 10X the associated method blank times the dilution factor.	D0B120461_V_DUSR Report.pdf
RD-69	2/11/2010	Duplicate	Acetone	3	ug/L	J	U	V	Reported result is less than 5X or 10X the associated field blank times the dilution factor.	D0B120461_V_DUSR Report.pdf

See Table III for notes and abbreviations.
Haley & Aldrich, Inc.
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TABLE A-III
SUMMARY OF FIRST QUARTER 2010 DATA QUALIFICATION
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well ID	Date	Sample Type	Constituent	Sample Result	Units	Original Lab Qualifier	Validation Qualifier	Validation Level	Validation Comments	Data Usability Summary Report Name
RD-69	2/11/2010	Duplicate	Iron, Dissolved	1.1	mg/L		U	V	Reported result is less than 5X or 10X the associated field blank times the dilution factor.	D0B120461_V_DUSR Report.pdf
RD-69	2/11/2010	Duplicate	Methylene chloride	3.9	ug/L	J	U	V	Reported result is less than 5X or 10X the associated field blank times the dilution factor.	D0B120461_V_DUSR Report.pdf
RD-69	2/11/2010	Duplicate	Manganese, Dissolved	0.12	mg/L		U	V	Reported result is less than 5X or 10X the associated field blank times the dilution factor.	D0B120461_V_DUSR Report.pdf
RD-69	2/11/2010	Duplicate	Fluoride	0.37	mg/L	J	U	V	Reported result is less than 5X or 10X the associated field blank times the dilution factor.	D0B120461_V_DUSR Report.pdf
RD-70	1/14/2010	Duplicate	Chloromethane	0.59	ug/L	J	U	V	Reported result is less than 5X or 10X the associated field blank times the dilution factor.	D0A150442_V_DUSR Report.pdf
RD-71	1/26/2010	Primary	Methylene chloride	1.1	ug/L	J	U	V	Reported result is less than 5X or 10X the associated trip blank times the dilution factor.	D0A270454_V_DUSR Report.pdf
RD-73	1/27/2010	Primary	Methylene chloride	9.1	ug/L	J B	U	V	Reported result is less than 5X or 10X the associated method blank times the dilution factor.	D0A280463_V_DUSR Report.pdf
WS-05	2/5/2010	Primary	Chloromethane	0.32	ug/L	J	U	IV,V	Reported result is less than 5X or 10X the associated field blank times the dilution factor.	D0B060448_V_DUSR Report.pdf; D0B060448_IV_DUSR Report.pdf
WS-05	2/5/2010	Primary	bis(2-Ethylhexyl) phthalate	2.2	ug/L	J B	U	V	Reported result is less than 5X or 10X the associated method blank times the dilution factor.	D0B060448_V_DUSR Report.pdf
WS-05	2/5/2010	Primary	Fluoride	0.21	mg/L	J	U	V	Reported result is less than 5X or 10X the associated field blank times the dilution factor.	D0B060448_V_DUSR Report.pdf
WS-05	2/5/2010	Primary	Acetone	9	ug/L	J	U	IV,V	Reported result is less than 5X or 10X the associated field blank times the dilution factor.	D0B060448_V_DUSR Report.pdf; D0B060448_IV_DUSR Report.pdf
WS-06	2/4/2010	Primary	Acetone	8.4	ug/L	J	U	V	Reported result is less than 5X or 10X the associated field blank times the dilution factor.	D0B050469_V_DUSR Report.pdf

TABLE A-III
SUMMARY OF FIRST QUARTER 2010 DATA QUALIFICATION
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well ID	Date	Sample Type	Constituent	Sample Result	Units	Original Lab Qualifier	Validation Qualifier	Validation Level	Validation Comments	Data Usability Summary Report Name
WS-06	2/4/2010	Primary	bis(2-Ethylhexyl) phthalate	2.1	ug/L	J B	U	V	Reported result is less than 5X or 10X the associated method blank times the dilution factor.	D0B050469_V_DUSR Report.pdf
WS-06	2/4/2010	Primary	Fluoride	0.3	mg/L	J	U	V	Reported result is less than 5X or 10X the associated field blank times the dilution factor.	D0B050469_V_DUSR Report.pdf
WS-06	2/4/2010	Primary	Chloromethane	0.48	ug/L	J	U	V	Reported result is less than 5X or 10X the associated field blank times the dilution factor.	D0B050469_V_DUSR Report.pdf
WS-09	2/3/2010	Primary	Fluoride	0.25	mg/L	J	U	V	Reported result is less than 5X or 10X the associated field blank times the dilution factor.	D0B040459_V_DUSR Report.pdf
WS-09A	2/8/2010	Primary	Fluoride	0.24	mg/L	J	U	V	Reported result is less than 5X or 10X the associated field blank times the dilution factor.	D0B090487_V_DUSR Report.pdf
WS-09A	2/8/2010	Primary	Acetone	11	ug/L	B	U	V	Reported result is less than 5X or 10X the associated method blank times the dilution factor.	D0B090487_V_DUSR Report.pdf
WS-09A	2/8/2010	Duplicate	Fluoride	0.24	mg/L	J	U	V	Reported result is less than 5X or 10X the associated field blank times the dilution factor.	D0B090487_V_DUSR Report.pdf

See Table III for notes and abbreviations.
Haley & Aldrich, Inc.
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Appendix F Quality Assurance Assessment

Quality Assurance Reports – Second Quarter 2010

APPENDIX A

Quality Assurance Assessment

APPENDIX A
TABLE OF CONTENTS

LIST OF TABLES

LIST OF ATTACHMENTS

2. INTRODUCTION

2.1 Quality Assurance/Quality Control (QA/QC) Procedures

Following the quarterly groundwater sampling event, field and laboratory data are reviewed for consistency with procedures outlined in the *Groundwater Monitoring Quality Assurance Project Plan, Santa Susana Field Laboratory* (Appendix B of Haley & Aldrich, 2010c, 2010d). As the project develops, it is anticipated that the quality assurance assessment conducted following each quarterly event may be modified. The current procedures include reviewing field forms and documentation and evaluating whether field data were complete. Analytical data were reviewed by the laboratory for precision, accuracy, representativeness, and comparability as part of its standard Quality Assurance/Quality Control (QA/QC) program. QA/QC data were reported as part of the laboratory data package. Analytical data also were reviewed by Haley & Aldrich for data representativeness, reproducibility, completeness, erroneous data, and discrepancies.

Haley & Aldrich submitted groundwater samples to the following laboratories:

Laboratory	Abbreviation	Location
TestAmerica-Denver (Primary)	TA-Denver	Arvada, Colorado
TestAmerica-Irvine (Split)	TA-Irvine	Irvine, California

Haley & Aldrich field and analytical data reviews are summarized in the following section.

Percent completeness (% C) values presented in this summary were calculated using the following equation:

$$\% C = \frac{\text{Number of Valid (Usable) Measurements}}{\text{Number of Measurements Planned}} \times 100$$

3. QA/QC EVALUATION

3.1 Field Data

3.1.1 Pre-Sampling Water Levels

During the second quarter sampling event, facility wells, three private off-site wells, and a number of piezometers were scheduled for water level monitoring prior to sampling. Monitoring attempts are summarized below. Sixteen wells were not monitored because the vault was welded shut to prevent surface water from infiltrating the well (2 wells), well completion was incompatible with the use of a pressure transducer at artesian wells (5 wells), access for measurement was not available at a private well (1 well), a broken valve prevented pressure reading of artesian water level (1 well), an open valve prevented pressure reading of an artesian water level (1 well), the FLUTe system prevented access (1 well), site activities restricted access (1 well), obstruction in the casing prevented water level measurement (1 well), the datalogger was not installed (1 well), and transducers were inoperable (2 wells).

Water Level Monitoring	Second Quarter 2010
Number of locations scheduled	324
Number of locations monitored	308
Completeness value	95%

3.1.2 Groundwater Sample Collection

During the second quarter sampling event, 134 wells and piezometers were scheduled for sampling. Of the locations scheduled for sampling, 64% were sampled. Samples were not collected at a number of locations because the wells or piezometers were dry, contained inadequate water for sampling purposes, low-flow well equipment could not be installed, or wells were not yet constructed.

Comparing the number of wells that could be sampled versus the schedule, the field completeness value for water sample collection was 100% for the quarter.

3.1.3 QA/QC Sample Collection

The QA/QC sample collection targets are listed in the Quality Assurance Project Plan (QAPP) (Appendix B of Haley & Aldrich, 2010c, 2010d) and the SMOU RFI QAPP (MECx, 2009). During the second quarter 2010, the QA/QC targets were met except where wells contained inadequate water for QA/QC sampling purposes and for some analytical methods which were not available at the pre-qualified split laboratories [SRL 524M-1,2,3-trichloropropane, 8015-Terphenyls, 900.0-Gross alpha and gross beta, 901.1-Gamma-emitting radionuclides, 905.0-Strontium-90, 906.0-Tritium, 908.0-Uranium].

Percent Completeness for QA/QC Sample Collection		
QA/QC Samples	QAPP (Appendix B, Haley & Aldrich, 2010c, 2010d)	SMOU RFI QAPP (MECx, 2009)
Duplicate samples	93%	65%
Split samples	91%	79%

Percent Completeness for QA/QC Sample Collection		
QA/QC Samples	QAPP (Appendix B, Haley & Aldrich, 2010c, 2010d)	SMOU RFI QAPP (MECx, 2009)
Matrix spike and matrix spike duplicate (MS/MSD) samples	91%	65%
Trip blanks	89%	
Field blanks	80%	55%
Field blank-rinsate	52%	89%

NA = Not applicable. QC samples were collected using dedicated equipment.

3.1.4 Water Quality Parameter Measurements

Water quality parameters [pH, oxidation reduction potential (ORP), dissolved oxygen (DO), electrical conductivity, and turbidity] are scheduled to be measured according to the WQSAP (Haley & Aldrich, 2010c, 2010d). During the quarter, parameter monitoring exceptions occurred as listed in Table V.

3.2 Analytical Data

All laboratories were certified by the California Department of Public Health Environmental Laboratory Accreditation Program.

3.2.1 Comparison with Historical Water Quality Data

Some analyte concentrations increased or decreased in groundwater samples collected with respect to prior results, but most values were within the range of historical data. A summary of results is included in Section 4 of this report.

During the quarter, laboratories were requested to confirm suspect results.

Results of verification sampling are summarized in Table XIX and Section 4 of this report.

3.2.2 Lab Performance Comparison

Results of analyses across laboratories were comparable as indicated by the replicate percent differences (RPDs) of split samples (Table A-I). RPDs were calculated for each analyte detected by both the primary and split laboratories if the analyte concentration exceeded the product of five times the reporting limit (RL) times the dilution factor.

$$RPD = \left| ((X_1 - X_2)/X_{ave}) \right| \times 100$$

X_1 =value of first result;
X_2 = value of second result; and
X_{ave} = average concentration = $((X_1 + X_2) / 2)$

The RPD values calculated for second quarter 2010 split sample analyses were acceptable and below the project acceptance criterion of 35%.

3.2.3 Field Duplicate Sample Precision

Results of analyses were precise as indicated by the RPDs of field duplicate samples (Table A-II) with the exception of two field duplicates. The 25 RPD values calculated for second quarter 2010 duplicate samples were acceptable and below the project acceptance criterion of 35% except for n-nitrosodimethylamine (NDMA) RPDs for samples collected from wells PZ-060 (51%) and SH-07 (98%). PZ-060 NDMA concentrations differed by 0.03 ug/L. SH-07 NDMA concentrations differed by 0.099 ug/L. PZ-060 and SH-07 will be scheduled for sampling under the Regulated Unit monitoring program during the third quarter 2010.

3.2.4 Blank Accuracy

Results of blank sample analyses were accurate as indicated by the method detection limits (MDLs) of field blanks, equipment rinse blanks, and trip blanks with the exception of eight blank samples. Taking into account dilution factors, blank sample MDLs were acceptable and below the project acceptance criterion requiring MDLs to be less than the Contract Required Quantitation Limits (CRQLs) except for:

Constituent	CRQL	MDL	Comment
2,3,7,8-TCDD	4.97 pg/L	6.3 pg/L	MDLs for dioxins are defined by the instrument performance, not by an MDL study. Dioxin CRQLs will not always be met. Action: No action warranted.
Nitrite-NO2	0.1 mg/L	0.16 mg/L	Analyzed for SMOU RFI investigation. Action: Defer to SMOU teams for resolution.
pH	0.01 pH Units	0.1 pH Units	MDL accepted. Action: No action warranted.
Orthophosphate-PO4	0.2 mg/L	0.57 mg/L	Analyzed for SMOU RFI investigation. Action: Defer to SMOU teams for resolution.
Tin	0.003 mg/L	0.0058 mg/L	Tin analyzed by 6010B. Can meet CRQL using method 6020. Action: Use 6020 method for future tin analyses.
Turbidity	0.3 NTU	1 NTU	TestAmerica-Denver's reporting limit is normally 0.1 NTU. Because a split sample was submitted to TestAmerica-Irvine, the reporting limit had been raised to match TestAmerica-Irvine's reporting limit of 1 NTU. Action: Use 0.1 NTU reporting limit for future turbidity analyses.

3.2.5 Data Representativeness, Reproducibility, and Completeness

Data representativeness, reproducibility, and completeness of results were evaluated by verifying the following:

- locations were sampled as scheduled,
- samples were properly collected and preserved (if required),
- procedures to maintain the integrity of samples during shipment were followed,
- sample dilutions were properly conducted,
- chain-of-custody records were complete when submitted or changed appropriately, and
- laboratory QA/QC data were obtained for each sample submitted.

Locations were sampled as scheduled except at locations where wells contained insufficient water volume, where low-flow equipment could not be installed, or where wells were inaccessible. All samples were preserved (where necessary) and shipped following acceptable procedures. Samples from wells with previous TCE concentrations exceeding 3,000 µg/L were segregated during storage and shipment.

A few chain-of-custody forms were not completed satisfactorily. Because the laboratories were notified of the deficiencies immediately following sample submission, all samples submitted were identified correctly and analyzed according to the monitoring schedule. Field personnel were informed of the custody form deficiencies and provided a copy of the corrected custody form.

All samples were received appropriately, identified correctly, and analyzed according to the monitoring requirements.

3.2.6 Contract-Required Minimum Detectable Activity

Project laboratory analysis technical specifications, including Minimum Detectable Activities (MDAs), have been developed to aid in the collection of high quality data and to be consistent with EPA Drinking Water regulations (Federal Register, 2000). Non-attainment of the MDA technical specifications is due in part to matrix conditions and in part to limitations in the prescribed analytical methods. Matrix conditions, including concentrations of dissolved and suspended solids, impact the homogeneity of the samples and limit method counting efficiency. Additionally, prescribed analytical methods call for specified sample volumes and counting times that further limit the ability to attain the project MDAs.

Recognizing the challenge of meeting the gamma-emitting radionuclide MDAs presented in the QAPP (Appendix B of Haley & Aldrich, 2010c, 2010d), the radiochemistry laboratories were instructed to at least meet the cesium-137 MDA for gamma analyses. Additionally, MDA exceedances were allowed in cases where the radionuclide activity exceeded the MDA.

During the second quarter 2010, the radiochemistry laboratories were able to meet the project MDA requirements.

3.2.7 Data Usability Summary

Analytical results for groundwater samples, trip blank samples, field blank samples, and site specific matrix spike and matrix spike duplicate samples (MS/MSD) were reviewed to evaluate the data usability. These data were assessed in accordance with guidance from the EPA "USEPA Contract Laboratory Program National Functional Guidelines for Low Concentration Organic Data Review" (OSWER 9240.1-34, USEPA-540-R-00-006, June 2001), "USEPA Contract Laboratory Program National Functional Guidelines for Superfund Organic Methods Data Review" (OSWER 9240.1-46, USEPA-540-R-08-01, June 2008)", "USEPA Contract Laboratory

Program National Functional Guidelines for Inorganic Data Review" (EPA 540-R-04-004, October 2004), and the EPA Method specific protocol criteria, where applicable. Radiochemical data were assessed in accordance with protocols established for the U.S. Department of Energy, "Evaluation of Radiochemical Data Usability" (Paar & Porterfield, 1997).

Chain of custody documentation was completed by Haley & Aldrich personnel during the performance of sampling activities conducted at SSFL. The external chain of custody documents were completed appropriately upon sample transfer to analytical laboratory personnel.

A review of the chain of custody documents indicated that the sample custody remained intact through the analytical process and the reported results are representative of the samples collected at SSFL. The chain of custody documents are provided with each laboratory report.

The following items and criteria applicable to the QA/QC data and sample analysis data listed above were reviewed. Data Usability Summary Reports (DUSRs) are provided in Attachment 1. Results requiring a change in the data qualifier are summarized in Table A-III.

- Preservation and Analytical Holding Time Compliance
- Method Blank, Trip Blank, and Field Blank Sample Analyses
- Surrogate Compound Recoveries
- Laboratory Control Sample Analyses
- Matrix Spike Sample Analyses
- Sample Data Reporting Procedures
- Laboratory Data Qualification Procedures

3.2.7.1 Sample Data Reporting

Laboratory analytical reports contain laboratory specific data qualifiers. When an analysis was performed without dilution, the reporting limit was based on the most recent MDL study conducted by the contract laboratory. The reporting limit values for the dilution analyses were adjusted for the level of dilution performed. Values presented for target analytes detected at concentrations below the reporting limit but above the MDL were flagged with a "J" as estimated values. No corrective action is recommended.

3.2.7.2 Data Qualifiers

The use of the data qualifiers is intended to aid users in their interpretation of the sample results. Laboratory specific data qualifiers were assigned by the laboratories to the reported results in accordance with each laboratory's standard operating procedures. However, some data qualifiers used by the laboratories do not correspond with standard EPA guidance as referenced in this document. The recommended EPA data qualifiers should preclude the use of the laboratory specific qualifiers so that comparability of the reported results can be achieved if future analyses are performed at other laboratory facilities.

3.2.7.3 Summary

The results presented in each laboratory report were found to be compliant with the data quality objectives (DQOs) for the project and usable, with the exceptions noted in Table A-III. Based on this review, the data usability is 100%, with the exceptions noted in Table A-III.

TABLE A-I
SUMMARY OF SECOND QUARTER 2010 SPLIT SAMPLE RESULTS
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well ID	Date	Method (units)	Constituent	Sample Result		RPD
				Primary	Split	
HAR-01	4/21/2010	504.1 (ug/L)	1,2-Dibromo-3-chloropropane	0.0064 U	0.0031 U	ND
			1,2-Dibromoethane	0.0035 U	0.0031 U	ND
		8081A (ug/L)	Pesticides, Organochlorine	none detected	none detected	ND
		8260B (ug/L)	Chloroform	0.27 U	0.33 J	ND
			cis-1,2-Dichloroethene	3	3.2	NV
			Tetrachloroethene	0.34 J	0.34 J	NV
			Trichloroethene	270	220	20
		8270C (ug/L)	SVOCs	none detected	none detected	ND
			Pentachlorophenol	0.83 U	3.4 U	ND
HAR-08	4/21/2010	8141A (ug/L)	Pesticides, Organophosphorus	none detected	none detected	ND
		8260B SIM (ug/L)	1,4-Dioxane	none detected	none detected	ND
		9012 / 9014 (mg/L)	Cyanides	0.0027 U	0.017 U	ND
HAR-11	4/22/2010	6010B (mg/L)	Tin	0.0058 U	0.013 J	ND
		6020 (mg/L)	Antimony	0.00014 U	0.00056 J	ND
			Arsenic	0.0024 J	0.0014 J	NV
			Barium	0.088	0.11	22
			Cobalt	0.0015	0.002	NV
			Copper	0.00056 J	0.002	NV
			Lead	0.00018 U	0.00027 J	ND
			Nickel	0.0071	0.009	NV
			Selenium	0.0007 U	0.0023 J	ND
			Thallium	0.000031 J	0.00025 J	NV
			Vanadium	0.0006 J	0.0008 U	ND
			Zinc	0.0083 J	0.0058 J	NV
		7470A (mg/L)	Mercury	0.000027 U	0.0001 U	ND
OS-09R(P3)	4/15/2010	8260B (ug/L)	Toluene	0.17 U	0.49 J	ND
OS-09R(P4)	4/15/2010	8260B (ug/L)	VOCs	none detected	none detected	ND
OS-09R(P6)	4/15/2010	8260B (ug/L)	Carbon Disulfide	1.2 U	3.5 J	ND
			Toluene	0.17 U	0.46 J	ND
OS-09R(P7)	4/15/2010	8260B (ug/L)	VOCs	none detected	none detected	ND
OS-09R(P8)	4/15/2010	8260B (ug/L)	Toluene	0.17 U	0.37 J	ND
OS-09R(P10)	4/14/2010	8260B (ug/L)	VOCs	none detected	none detected	ND
OS-09R(P11)	4/14/2010	8260B (ug/L)	VOCs	none detected	none detected	ND
OS-09R(P12)	4/14/2010	8260B (ug/L)	VOCs	none detected	none detected	ND
OS-09R(P16)	4/14/2010	8260B (ug/L)	VOCs	none detected	none detected	ND
PZ-139	5/13/2010	6010B (mg/L)	Cobalt, Dissolved	0.00076 J	0.002 U	ND
			Iron, Dissolved	0.06 J	0.015 U	ND
			Manganese, Dissolved	0.21	0.19	10
			Molybdenum, Dissolved	0.0032 J	0.0063 J	NV
		6020 (mg/L)	Antimony, Dissolved	0.00017 U	0.00042 J	ND
			Arsenic, Dissolved	0.0012 J	0.00096 J	NV
			Barium, Dissolved	0.017	0.016	6
			Cadmium, Dissolved	0.00015 J	0.00014 J	NV
			Copper, Dissolved	0.001 J	0.0017 J	NV
			Lead, Dissolved	0.00018 U	0.00022 J	ND
			Nickel, Dissolved	0.0067	0.0057	NV
			Selenium, Dissolved	0.00082 J	0.0015 J	NV
			Thallium, Dissolved	0.000044 J	0.0002 U	ND
			Vanadium, Dissolved	0.002 J	0.0011 J	NV
			Zinc, Dissolved	0.0031 J	0.005 J	NV
		7196A (mg/L)	Hexavalent Chromium, Dissolved	0.004 U	0.005 U	ND
		7470A (mg/L)	Mercury, Dissolved	0.000027 U	0.0001 U	ND
		8260B (ug/L)	1,1-Dichloroethene	0.83 J	0.56 J	NV
			Acetone	8.9 U	9.6 J,L	ND
			cis-1,2-Dichloroethene	28	29	4
			trans-1,2-Dichloroethene	0.57 J	0.47 J	NV
			Trichloroethene	170	150	13
	5/14/2010	8082 (ug/L)	PCBs	none detected	none detected	ND
		8270C (ug/L)	PAHs	none detected	none detected	ND

See Table VI for notes and abbreviations.

TABLE A-I
SUMMARY OF SECOND QUARTER 2010 SPLIT SAMPLE RESULTS
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well ID	Date	Method (units)	Constituent	Sample Result		RPD
				Primary	Split	
PZ-141	5/17/2010	1625M (ug/L)	n-Nitrosodimethylamine	0.005 U	0.005 U	ND
		8260B SIM (ug/L)	1,4-Dioxane	0.19 U	2 J	ND
		8315 (ug/L)	Formaldehyde	17 U	6.35 U	ND
		8315 / DV-WC-0077 (ug/L)	1,1-Dimethylhydrazine	0.79 U	1.13 U	ND
			Hydrazine	3.3 U	0.439 U	ND
			Monomethylhydrazine	0.24 U	1.77 U	ND
PZ-159	5/20/2010	8015B (ug/L)	Gasoline Range Organics (C6-C12)	7.1 U	25 U	ND
RD-06	4/27/2010	8260B SIM (ug/L)	1,4-Dioxane	0.54 U	0.75 U	ND
RD-08	4/20/2010	1625M (ug/L)	n-Nitrosodimethylamine	0.005 U	0.005 U	ND
		8082 (ug/L)	PCBs	none detected	none detected	ND
		8290 (pg/L)	Dioxins	none detected	none detected	ND
RD-36C	5/5/2010	8260B (ug/L)	1,1-Dichloroethane	0.63 J	0.59 J	NV
			1,1-Dichloroethene	2.3	2.6	NV
			Benzene	0.16 U	0.28 J	ND
			cis-1,2-Dichloroethene	54	63	15
			Toluene	0.19 J	0.36 U	ND
			trans-1,2-Dichloroethene	25	28	11
			Trichloroethene	0.32 J	0.26 U	ND
RD-37	5/5/2010	8315 (ug/L)	Formaldehyde	30 U	20.5 U	ND
RD-49B	4/30/2010	8260B SIM (ug/L)	1,4-Dioxane	0.93 U	2.3 J	ND
RD-51B	5/3/2010	8260B SIM (ug/L)	1,4-Dioxane	0.19 U	0.75 U	ND
RD-55B	5/12/2010	314.0 (ug/L)	Perchlorate	0.28 U	0.9 U	ND
		8260B SIM (ug/L)	1,4-Dioxane	0.19 U	0.75 U	ND
RD-58B	5/6/2010	8260B SIM (ug/L)	1,4-Dioxane	1 J	0.75 U	ND
		8315 / DV-WC-0077 (ug/L)	1,1-Dimethylhydrazine	0.79 U	1.13 U	ND
			Hydrazine	0.67 U	0.439 U	ND
			Monomethylhydrazine	0.24 U	1.77 U	ND
RD-68A	5/10/2010	8260B (ug/L)	VOCs	none detected	none detected	ND
SH-02	5/12/2010	8081A (ug/L)	Aldrin	0.027 J	0.0014 U	ND
			delta-BHC	0.0055 J	0.0033 U	ND
			Endrin aldehyde	0.0095 J	0.0019 U	ND
SH-03	5/7/2010	8081A (ug/L)	4,4'-DDT	0.014 U	0.011 J	ND
SH-04	5/5/2010	8081A (ug/L)	Pesticides, Organochlorine	none detected	none detected	ND
SH-09	5/5/2010	8081A (ug/L)	Pesticides, Organochlorine	none detected	none detected	ND

TABLE A-II
SUMMARY OF SECOND QUARTER 2010 DUPLICATE SAMPLE RESULTS
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well ID	Date	Method (units)	Constituent	Sample Result		RPD
				Primary	Duplicate	
ES-17	4/27/2010	1625M (ug/L)	n-Nitrosodimethylamine	0.02	0.02	NV
		6010B (mg/L)	Strontium	0.29	0.3	3
		6020 (mg/L)	Arsenic	0.0019 J	0.0017 J	NV
			Barium	0.016	0.015	NV
			Chromium	0.0032 J	0.0032 J	NV
			Vanadium	0.0034 J	0.0035 J	NV
			Zinc	0.02 J	0.018 J	NV
		7470A (mg/L)	Mercury	0.000027 U	0.000027 U	ND
ES-26	4/28/2010	1625M (ug/L)	n-Nitrosodimethylamine	0.005 U	0.005 U	ND
ES-27	4/27/2010	1625M (ug/L)	n-Nitrosodimethylamine	0.033	0.033	0
HAR-01	4/21/2010	1625M (ug/L)	n-Nitrosodimethylamine	0.0078	0.0082	NV
HAR-03	5/4/2010	9012 (mg/L)	Cyanides	0.0026 U	0.0036 U	ND
HAR-04	5/4/2010	1625M (ug/L)	n-Nitrosodimethylamine	0.005 U	0.005 U	ND
HAR-05	5/10/2010	1625M (ug/L)	n-Nitrosodimethylamine	0.005 U	0.005 U	ND
HAR-07	4/30/2010	1625M (ug/L)	n-Nitrosodimethylamine	0.026	0.026	0
		8270C (ug/L)	SVOCs	none detected	none detected	ND
			Pentachlorophenol	0.76 U	0.76 U	ND
		8321A (ug/L)	Hexachlorophene	0.49 U	0.49 U	ND
HAR-08	4/21/2010	1625M (ug/L)	n-Nitrosodimethylamine	0.016	0.016	NV
HAR-11	4/22/2010	8321A (ug/L)	Hexachlorophene	0.49 U	0.49 U	ND
HAR-13	5/6/2010	1625M (ug/L)	n-Nitrosodimethylamine	0.005 U	0.005 U	ND
		180.1 (NTU)	Turbidity	96	95	1
		2320B (mg/L)	Total Alkalinity	91	90	1
		2510B (umhos/cm)	Specific conductivity	240	240	0
		2540C (mg/L)	Total Dissolved Solids	400	400	0
		300.0 (mg/L)	Chloride	8.4	8.7	NV
			Fluoride	0.33 U	0.35 U	ND
			Nitrate-NO3	9.5	9.8	NV
			Sulfate	11	11	NV
		314.0 (ug/L)	Perchlorate	0.28 U	0.28 U	ND
		9040B (pH units)	pH	6.91 J	6.86 J	1
HAR-14	4/29/2010	1625M (ug/L)	n-Nitrosodimethylamine	16	15	NV
HAR-16	4/29/2010	1625M (ug/L)	n-Nitrosodimethylamine	4.5	0.005 U	ND
HAR-19	4/30/2010	1625M (ug/L)	n-Nitrosodimethylamine	0.005 U	0.005 U	ND
HAR-20	4/22/2010	8081A (ug/L)	Pesticides, Organochlorine	0.0073 U	0.0073 U	ND
		8270C (ug/L)	Pentachlorophenol	0.76 U	0.75 U	ND
		8290 (pg/L)	Dioxins	1 U	0.79 U	ND
HAR-21	4/22/2010	1625M (ug/L)	n-Nitrosodimethylamine	0.039	0.038	3
		4500 (mg/L)	Sulfide	0.007 U	0.007 U	ND
		8082 (ug/L)	PCBs	none detected	none detected	ND
HAR-23	5/4/2010	1625M (ug/L)	n-Nitrosodimethylamine	0.033	0.035	6
HAR-26	4/29/2010	8082 (ug/L)	PCBs	none detected	none detected	ND
		8270C (ug/L)	Pentachlorophenol	0.76 U	0.77 U	ND
HAR-27	4/26/2010	1625M (ug/L)	n-Nitrosodimethylamine	0.0063	0.005 U	ND
		8270C (ug/L)	SVOCs	none detected	none detected	ND
HAR-28	4/26/2010	8260 SIM (ug/L)	1,4-Dioxane	0.27 U	0.31 U	ND
HAR-29	4/26/2010	1625M (ug/L)	n-Nitrosodimethylamine	0.005 U	0.005 U	ND
		8260 SIM (ug/L)	1,4-Dioxane	0.22 U	0.19 U	ND
HAR-31	5/5/2010	1625M (ug/L)	n-Nitrosodimethylamine	0.005 U	0.005 U	ND
HAR-32	5/5/2010	1625M (ug/L)	n-Nitrosodimethylamine	0.13 U	0.13 U	ND
		DV-WC-0077 (ug/L)	1,1-Dimethylhydrazine	0.79 U	0.79 U	ND
			Hydrazine	0.67 U	0.67 U	ND
			Monomethylhydrazine	0.24 U	0.24 U	ND
HAR-33	5/3/2010	524.2 (ug/L)	1,2,3-Trichloropropane	0.0017 U	0.0017 U	ND
		8260B (ug/L)	1,1,2-Trichloro-1,2,2-trifluoroethane	47	46	2
			Trichloroethene	0.7 J	0.68 J	NV
OS-09R(P1)	4/15/2010	8260B (ug/L)	VOCs	none detected	none detected	ND
OS-09R(P2)	4/15/2010	8260B (ug/L)	VOCs	none detected	none detected	ND
OS-09R(P3)	4/15/2010	8260B (ug/L)	VOCs	none detected	none detected	ND

See Table VI for notes and abbreviations.

TABLE A-II
SUMMARY OF SECOND QUARTER 2010 DUPLICATE SAMPLE RESULTS
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well ID	Date	Method (units)	Constituent	Sample Result		RPD
				Primary	Duplicate	
OS-09R(P5)	4/15/2010	8260B (ug/L)	VOCs	none detected	none detected	ND
OS-09R(P8)	4/15/2010	8260B (ug/L)	VOCs	none detected	none detected	ND
OS-09R(P9)	4/15/2010	8260B (ug/L)	VOCs	none detected	none detected	ND
OS-09R(P12)	4/14/2010	8260B (ug/L)	VOCs	none detected	none detected	ND
OS-09R(P16)	4/14/2010	8260B (ug/L)	VOCs	none detected	none detected	ND
PZ-060	5/10/2010	504.1 (ug/L)	1,2-Dibromo-3-chloropropane	0.0064 U	0.0064 U	ND
			1,2-Dibromoethane	0.0035 U	0.0035 U	ND
		8260B (ug/L)	Acrolein	2.8 U	2.8 U	ND
			Acrylonitrile	1.4 U	1.4 U	ND
	5/11/2010	1625M (ug/L)	n-Nitrosodimethylamine	0.074	0.044	51
PZ-139	5/13/2010	1625M (ug/L)	n-Nitrosodimethylamine	0.005 U	0.005 U	ND
		7196A (mg/L)	Hexavalent Chromium, Dissolved	0.004 U	0.004 U	ND
PZ-140	5/13/2010	1625M (ug/L)	n-Nitrosodimethylamine	0.005 U	0.005 U	ND
		8260B (ug/L)	cis-1,2-Dichloroethene	4.7	4.5	NV
			Trichloroethene	140	140	0
		8270C (ug/L)	SVOCs	none detected	none detected	ND
			PAHs	none detected	none detected	ND
	5/14/2010	6010B (mg/L)	Aluminum, Dissolved	0.024 J	0.018 U	ND
			Cobalt, Dissolved	0.00055 J	0.00043 J	NV
			Iron, Dissolved	0.041 J	0.022 U	ND
			Manganese, Dissolved	0.073	0.074	NV
			Vanadium, Dissolved	0.0018 J	0.0017 J	NV
		6020 (mg/L)	Arsenic, Dissolved	0.00076 J	0.00076 J	NV
			Barium, Dissolved	0.055	0.055	0
			Cadmium, Dissolved	0.000098 J	0.00011 J	NV
			Copper, Dissolved	0.00062 J	0.00056 U	ND
			Nickel, Dissolved	0.0037	0.0036	NV
			Selenium, Dissolved	0.001 J	0.0011 J	NV
			Thallium, Dissolved	0.00003 J	0.000023 J	NV
			Zinc, Dissolved	0.002 J	0.002 U	ND
		7470A (mg/L)	Mercury, Dissolved	0.000027 U	0.000027 U	ND
		8015B (ug/L)	Diesel Range Organics	none detected	none detected	ND
		8290 (pg/L)	Dioxins	none detected	none detected	ND
		DV-WC-0077 (ug/L)	1,1-Dimethylhydrazine	0.79 U	0.79 U	ND
			Hydrazine	0.67 U	0.67 U	ND
			Monomethylhydrazine	0.24 U	0.24 U	ND
PZ-141	5/17/2010	1625M (ug/L)	n-Nitrosodimethylamine	0.005 U	0.005 U	ND
		8082 (ug/L)	PCBs	none detected	none detected	ND
		8260 SIM (ug/L)	1,4-Dioxane	0.19 U	0.19 U	ND
		8315A (ug/L)	Formaldehyde	17 U	20 U	ND
PZ-144	5/17/2010	1625M (ug/L)	n-Nitrosodimethylamine	0.005 U	0.005 U	ND
PZ-149	5/19/2010	1625M (ug/L)	n-Nitrosodimethylamine	0.005 U	0.008	ND
PZ-154	5/19/2010	1625M (ug/L)	n-Nitrosodimethylamine	0.022	0.021	NV
PZ-155	5/18/2010	1625M (ug/L)	n-Nitrosodimethylamine	0.005 U	0.005 U	ND
PZ-158	5/12/2010	1625M (ug/L)	n-Nitrosodimethylamine	0.005 U	0.005 U	ND
PZ-159	5/20/2010	8015B (ug/L)	Gasoline Range Organics (C6-C12)	7.1 U	41 U	ND
RD-03	4/27/2010	300.0 (mg/L)	Fluoride	0.39 U	0.4 U	ND
			Nitrate-NO3	0.19 U	0.19 U	ND
		314.0 (ug/L)	Perchlorate	0.28 U	0.28 U	ND
		350.1 (mg/L)	Ammonia-N	0.47 U	0.47 U	ND
		8260B (ug/L)	Isopropanol	13 U	13 U	ND
		8260 SIM (ug/L)	1,4-Dioxane	0.39 U	0.27 U	ND
		9040B (pH units)	pH	7.36 J	7.33 J	0
RD-11	4/20/2010	1625M (ug/L)	n-Nitrosodimethylamine	0.005 U	0.005 U	ND

See Table VI for notes and abbreviations.

TABLE A-II
SUMMARY OF SECOND QUARTER 2010 DUPLICATE SAMPLE RESULTS
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well ID	Date	Method (units)	Constituent	Sample Result		RPD
				Primary	Duplicate	
RD-12	4/20/2010	4500 (mg/L)	Sulfide	0.007 U	0.007 U	ND
	4/21/2010	1625M (ug/L)	n-Nitrosodimethylamine	0.005 U	0.005 U	ND
		8141A (ug/L)	Pesticides, Organophosphorus	none detected	none detected	ND
		8151A (ug/L)	Herbicides, Chlorinated	none detected	none detected	ND
RD-36B	4/23/2010	300.0 (mg/L)	Fluoride	0.13 U	0.14 U	ND
			Nitrate-NO3	15	15	0
		314.0 (ug/L)	Perchlorate	0.28 U	0.28 U	ND
		8260B (ug/L)	Isopropanol	13 U	13 U	ND
		9040B (pH units)	pH	6.48	6.46	0
RD-36C	5/5/2010	8260B (ug/L)	1,1-Dichloroethane	0.63 J	0.64 J	NV
			1,1-Dichloroethene	2.3	2.5	NV
			cis-1,2-Dichloroethene	54	54	0
			Toluene	0.19 J	0.19 J	NV
			trans-1,2-Dichloroethene	25	25	0
			Trichloroethene	0.32 J	0.22 J	NV
RD-37	5/5/2010	8315A (ug/L)	Formaldehyde	30 U	22 U	ND
		DV-WC-0077 (ug/L)	1,1-Dimethylhydrazine	0.79 U	0.79 U	ND
			Hydrazine	0.67 U	0.67 U	ND
			Monomethylhydrazine	0.24 U	0.24 U	ND
RD-39B	5/11/2010	1625M (ug/L)	n-Nitrosodimethylamine	0.005 U	0.005 U	ND
RD-41A	5/11/2010	8015B	Diesel Range Organics (C21-C30)	0.071 J	0.059 J	NV
			Diesel Range Organics (C8-C30)	0.088 J	0.078 J	NV
RD-43A	4/23/2010	350.1 (mg/L)	Ammonia-N	0.47 U	0.47 U	ND
		8260B (ug/L)	Isopropanol	13 U	13 U	ND
RD-45B	5/4/2010	8260B (ug/L)	Isopropanol	13 U	13 U	ND
RD-46A	5/10/2010	1625M (ug/L)	n-Nitrosodimethylamine	0.0071	0.0059	NV
RD-46B	5/10/2010	1625M (ug/L)	n-Nitrosodimethylamine	0.005 U	0.005 U	ND
RD-49A	5/10/2010	8015B (ug/L)	Diesel Range Organics (C12-C14)	0.074 J	0.067 J	NV
			Diesel Range Organics (C15-C20)	0.15 J	0.16 J	NV
			Diesel Range Organics (C8-C30)	0.25	0.25	NV
RD-49B	4/30/2010	1625M (ug/L)	n-Nitrosodimethylamine	0.043	0.044	2
RD-51A	5/11/2010	1625M (ug/L)	n-Nitrosodimethylamine	0.005 U	0.005 U	ND
RD-51B	5/3/2010	8260 SIM (ug/L)	1,4-Dioxane	0.19 U	0.93 U	ND
RD-52A	5/13/2010	1625M (ug/L)	n-Nitrosodimethylamine	0.005 U	0.005 U	ND
RD-52B	4/28/2010	300.0 (mg/L)	Fluoride	0.16 U	0.16 U	ND
			Nitrate-NO3	0.19 U	0.19 U	ND
		314.0 (ug/L)	Perchlorate	0.28 U	0.28 U	ND
		8315A (ug/L)	Formaldehyde	24 U	31 U	ND
		9040B (pH units)	pH	7.1	7.09	0
RD-53	5/6/2010	300.0 (mg/L)	Fluoride	0.16 U	0.18 U	ND
			Nitrate-NO3	8.8	8.8	NV
		314.0 (ug/L)	Perchlorate	0.28 U	0.28 U	ND
		8315A (ug/L)	Formaldehyde	14 U	15 U	ND
		9040B (pH units)	pH	7.17 J	7.16 J	0
RD-55B	5/12/2010	314.0 (ug/L)	Perchlorate	0.28 U	0.28 U	ND
RD-58A	5/6/2010	350.1 (mg/L)	Ammonia-N	0.47 U	0.47 U	ND
RD-58B	5/6/2010	350.1 (mg/L)	Ammonia-N	0.47 U	0.47 U	ND
RD-68A	5/10/2010	1625M (ug/L)	n-Nitrosodimethylamine	0.005 U	0.005 U	ND
		8015B (ug/L)	Diesel Range Organics	none detected	none detected	ND
		8260B (ug/L)	1,1,1-Trichloroethane	0.16 U	0.16 U	ND
		8315A (ug/L)	Formaldehyde	25 U	26 U	ND
RD-68B	5/10/2010	1625M (ug/L)	n-Nitrosodimethylamine	0.005 U	0.005 U	ND
		8315A (ug/L)	Formaldehyde	25 U	21 U	ND
RS-08	5/7/2010	8081A (ug/L)	Pesticides, Organochlorine	none detected	none detected	ND

TABLE A-II
SUMMARY OF SECOND QUARTER 2010 DUPLICATE SAMPLE RESULTS
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well ID	Date	Method (units)	Constituent	Sample Result		RPD
				Primary	Duplicate	
SH-02	5/12/2010	1625M (ug/L)	n-Nitrosodimethylamine	2	0.085	NV
		8081A (ug/L)	Pesticides, Organochlorine	0.0073 U	0.0074 U	ND
			Aldrin	0.027 J	0.03 J	NV
			delta-BHC	0.0055 J	0.0055 U	ND
			Endrin aldehyde	0.0095 J	0.018 J	NV
SH-03	5/6/2010	1625M (ug/L)	n-Nitrosodimethylamine	0.27	0.31	14
	5/7/2010	8081A (ug/L)	Pesticides, Organochlorine	none detected	none detected	ND
SH-04	5/4/2010	1625M (ug/L)	n-Nitrosodimethylamine	0.1	0.12	18
	5/5/2010	8081A (ug/L)	Pesticides, Organochlorine	none detected	none detected	ND
SH-07	5/7/2010	1625M (ug/L)	n-Nitrosodimethylamine	0.051	0.15	98
SH-09	5/5/2010	1625M (ug/L)	n-Nitrosodimethylamine	0.005 U	0.005 U	ND
		8081A (ug/L)	Pesticides, Organochlorine	none detected	none detected	ND
SH-11	5/6/2010	8260B (ug/L)	Acrolein	2.8 U	2.8 U	ND
			Acrylonitrile	1.4 U	1.4 U	ND

See Table VI for notes and abbreviations.

TABLE A-III
SUMMARY OF SECOND QUARTER 2010 DATA QUALIFICATION
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well ID	Date	Sample Type	Constituent	Result	Units	Qualifier Code		Validation Level	Validation Notes	Data Usability Summary Report
						Lab	Project			
ES-17	4/27/2010	Primary	Manganese, Dissolved	0.00046	mg/L	JB	U	V	Reported result is less than 5X or 10X the associated method blank times the dilution factor.	280-2888-1_V_DUSR Report.xlsm
ES-17	4/27/2010	Primary	Potassium	0.99	mg/L	J	U	V	Reported result is less than 5X or 10X the associated field blank times the dilution factor.	280-2888-1_V_DUSR Report.xlsm
ES-17	4/27/2010	Primary	Potassium, Dissolved	1	mg/L	J	U	V	Reported result is less than 5X or 10X the associated field blank times the dilution factor.	280-2888-1_V_DUSR Report.xlsm
ES-17	4/27/2010	Primary	Manganese	0.00094	mg/L	J	U	V	Reported result is less than 5X or 10X the associated method blank times the dilution factor.	280-2888-1_V_DUSR Report.xlsm
ES-17	4/27/2010	Primary	bis(2-Ethylhexyl) phthalate	1.9	ug/L	J	U	V	Reported result is less than 5X or 10X the associated field blank times the dilution factor.	280-2888-1_V_DUSR Report.xlsm
ES-17	4/27/2010	Primary	Cyanides	0.0023	mg/L	JB	U	V	Reported result is less than 5X or 10X the associated method blank times the dilution factor.	280-2888-1_V_DUSR Report.xlsm
ES-17	4/27/2010	Primary	Cobalt, Dissolved	0.00013	mg/L	J	U	V	Reported result is less than 5X or 10X the associated method blank times the dilution factor.	280-2888-1_V_DUSR Report.xlsm
ES-17	4/27/2010	Primary	Formaldehyde	20	ug/L	JB	U	V	Reported result is less than 5X or 10X the associated method blank times the dilution factor.	280-2888-1_V_DUSR Report.xlsm
ES-17	4/27/2010	Primary	Cobalt	0.00017	mg/L	JB	U	V	Reported result is less than 5X or 10X the associated method blank times the dilution factor.	280-2888-1_V_DUSR Report.xlsm
ES-17	4/27/2010	Duplicate	Potassium	0.96	mg/L	J	U	V	Reported result is less than 5X or 10X the associated field blank times the dilution factor.	280-2888-1_V_DUSR Report.xlsm
ES-17	4/27/2010	Duplicate	Manganese	0.0009	mg/L	J	U	V	Reported result is less than 5X or 10X the associated method blank times the dilution factor.	280-2888-1_V_DUSR Report.xlsm
ES-17	4/27/2010	Duplicate	Cobalt	0.00014	mg/L	JB	U	V	Reported result is less than 5X or 10X the associated method blank times the dilution factor.	280-2888-1_V_DUSR Report.xlsm
ES-26	4/28/2010	Primary	Methylene chloride	0.49	ug/L	J	U	V	Reported result is less than 5X or 10X the associated trip blank times the dilution factor.	280-2933-1_V_DUSR Report.xlsm
ES-26	4/28/2010	Primary	Fluoride	0.52	mg/L		U	V	Reported result is less than 5X or 10X the associated field blank times the dilution factor.	280-2933-1_V_DUSR Report.xlsm
ES-26	4/28/2010	Primary	Potassium, Dissolved	2.6	mg/L	J	U	V	Reported result is less than 5X or 10X the associated method blank times the dilution factor.	280-2933-1_V_DUSR Report.xlsm
ES-26	4/28/2010	Primary	Manganese, Dissolved	0.00062	mg/L	J	U	V	Reported result is less than 5X or 10X the associated method blank times the dilution factor.	280-2933-1_V_DUSR Report.xlsm
ES-26	4/28/2010	Primary	Potassium	2.1	mg/L	J	U	V	Reported result is less than 5X or 10X the associated field blank times the dilution factor.	280-2933-1_V_DUSR Report.xlsm
ES-26	4/28/2010	Primary	Formaldehyde	20	ug/L	JB	U	V	Reported result is less than 5X or 10X the associated method blank times the dilution factor.	280-2933-1_V_DUSR Report.xlsm

See Table VI for notes and abbreviations.

TABLE A-III
SUMMARY OF SECOND QUARTER 2010 DATA QUALIFICATION
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well ID	Date	Sample Type	Constituent	Result	Units	Qualifier Code		Validation Level	Validation Notes	Data Usability Summary Report
						Lab	Project			
ES-27	4/27/2010	Primary	Formaldehyde	20	ug/L	JB	U	V	Reported result is less than 5X or 10X the associated method blank times the dilution factor.	280-2888-1_V_DUSR Report.xlsm
ES-27	4/27/2010	Primary	bis(2-Ethylhexyl) phthalate	1.9	ug/L	J	U	V	Reported result is less than 5X or 10X the associated field blank times the dilution factor.	280-2888-1_V_DUSR Report.xlsm
ES-27	4/27/2010	Primary	Methylene chloride	0.73	ug/L	J	U	V	Reported result is less than 5X or 10X the associated trip blank times the dilution factor.	280-2888-1_V_DUSR Report.xlsm
ES-27	4/27/2010	Primary	Cyanides	0.0036	mg/L	JB	U	V	Reported result is less than 5X or 10X the associated method blank times the dilution factor.	280-2888-1_V_DUSR Report.xlsm
ES-27	4/27/2010	Primary	Cobalt	0.00084	mg/L	JB	U	V	Reported result is less than 5X or 10X the associated method blank times the dilution factor.	280-2888-1_V_DUSR Report.xlsm
ES-27	4/27/2010	Primary	pH	7.57	pH Units	HTV	J	V	Prepared or analyzed outside of holding time.	280-2888-1_V_DUSR Report.xlsm
HAR-01	4/21/2010	Primary	Cyanides	0.0038	mg/L	J	U	V	Reported result is less than 5X or 10X the associated field blank times the dilution factor.	280-2643-1_V_DUSR Report.xlsm
HAR-01	4/21/2010	Primary	Chloroform	0.27	ug/L	J	U	V	Reported result is less than 5X or 10X the associated field blank times the dilution factor.	280-2643-1_V_DUSR Report.xlsm
HAR-01	4/21/2010	Primary	Formaldehyde	18	ug/L	JB	U	V	Reported result is less than 5X or 10X the associated method blank times the dilution factor.	280-2643-1_V_DUSR Report.xlsm
HAR-01	4/21/2010	Split	Kepone	34	ug/L	U,C-2	UJ	V	LCS/LCSD recovery outside acceptance criteria.	ITD2032_V_DUSR Report.xlsm
HAR-01	4/21/2010	Split	Chlorobenzilate	2.4	ug/L	U	UJ	V	LCS/LCSD recovery outside acceptance criteria.	ITD2032_V_DUSR Report.xlsm
HAR-01	4/21/2010	Primary	Antimony, Dissolved	0.00014	mg/L	J	U	V	Reported result is less than 5X or 10X the associated field blank times the dilution factor.	280-2643-1_V_DUSR Report.xlsm
HAR-01	4/21/2010	Primary	Silver, Dissolved	0.000049	mg/L	J	U	V	Reported result is less than 5X or 10X the associated field blank times the dilution factor.	280-2643-1_V_DUSR Report.xlsm
HAR-01	4/21/2010	Primary	Antimony	0.0001	mg/L	J	U	V	Reported result is less than 5X or 10X the associated field blank times the dilution factor.	280-2643-1_V_DUSR Report.xlsm
HAR-01	4/21/2010	Primary	Silver	0.000031	mg/L	J	U	V	Reported result is less than 5X or 10X the associated field blank times the dilution factor.	280-2643-1_V_DUSR Report.xlsm
HAR-01	4/21/2010	Primary	Cobalt	0.000089	mg/L	JB	U	V	Reported result is less than 5X or 10X the associated method blank times the dilution factor.	280-2643-1_V_DUSR Report.xlsm
HAR-01	4/21/2010	Primary	Thallium	0.000039	mg/L	JB	U	V	Reported result is less than 5X or 10X the associated method blank times the dilution factor.	280-2643-1_V_DUSR Report.xlsm
HAR-01	4/21/2010	Primary	1,4-Dioxane	1.2	ug/L	J	U	V	Reported result is less than 5X or 10X the associated trip blank times the dilution factor.	280-2643-1_V_DUSR Report.xlsm
HAR-01	4/21/2010	Split	Diallate	5.8	ug/L	U	UJ	V	LCS/LCSD recovery outside acceptance criteria.	ITD2032_V_DUSR Report.xlsm
HAR-03	5/3/2010	Primary	Acetone	6.6	ug/L	J	U	V	Reported result is less than 5X or 10X the associated trip blank times the dilution factor.	280-3109-1_V_DUSR Report.xlsm

See Table VI for notes and abbreviations.

TABLE A-III
SUMMARY OF SECOND QUARTER 2010 DATA QUALIFICATION
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well ID	Date	Sample Type	Constituent	Result	Units	Qualifier Code		Validation Level	Validation Notes	Data Usability Summary Report
						Lab	Project			
HAR-03	5/3/2010	Primary	Formaldehyde	16	ug/L	JB	U	V	Reported result is less than 5X or 10X the associated method blank times the dilution factor.	280-3109-1_V_DUSR Report.xlsm
HAR-03	5/3/2010	Primary	bis(2-Ethylhexyl) phthalate	5.5	ug/L	J	U	V	Reported result is less than 5X or 10X the associated field blank times the dilution factor.	280-3109-1_V_DUSR Report.xlsm
HAR-03	5/4/2010	Primary	Antimony, Dissolved	0.00023	mg/L	JB	U	V	Reported result is less than 5X or 10X the associated method blank times the dilution factor.	280-3161-1_V_DUSR Report.xlsm
HAR-03	5/4/2010	Primary	Cyanides	0.0026	mg/L	JB	U	V	Reported result is less than 5X or 10X the associated method blank times the dilution factor.	280-3161-1_V_DUSR Report.xlsm
HAR-03	5/4/2010	Duplicate	Cyanides	0.0036	mg/L	JB	U	V	Reported result is less than 5X or 10X the associated method blank times the dilution factor.	280-3161-1_V_DUSR Report.xlsm
HAR-04	5/4/2010	Primary	Formaldehyde	24	ug/L	JB	U	V	Reported result is less than 5X or 10X the associated method blank times the dilution factor.	280-3161-1_V_DUSR Report.xlsm
HAR-04	5/4/2010	Primary	Cyanides	0.0032	mg/L	JB	U	V	Reported result is less than 5X or 10X the associated method blank times the dilution factor.	280-3161-1_V_DUSR Report.xlsm
HAR-04	5/4/2010	Primary	Antimony, Dissolved	0.00016	mg/L	JB	U	V	Reported result is less than 5X or 10X the associated method blank times the dilution factor.	280-3161-1_V_DUSR Report.xlsm
HAR-05	5/10/2010	Primary	Formaldehyde	20	ug/L	JB	U	V	Reported result is less than 5X or 10X the associated method blank times the dilution factor.	280-3351-1_V_DUSR Report.xlsm
HAR-05	5/10/2010	Primary	Fluoride	0.28	mg/L	J	U	V	Reported result is less than 5X or 10X the associated field blank times the dilution factor.	280-3351-1_V_DUSR Report.xlsm
HAR-07	4/30/2010	Primary	Formaldehyde	23	ug/L	JB	U	V	Reported result is less than 5X or 10X the associated method blank times the dilution factor.	280-3109-1_V_DUSR Report.xlsm
HAR-07	4/30/2010	Primary	Cyanides	0.0036	mg/L	JB	U	V	Reported result is less than 5X or 10X the associated method blank times the dilution factor.	280-3050-1_V_DUSR Report.xlsm
HAR-07	4/30/2010	Primary	Methylene chloride	79	ug/L	JB	U	V	Reported result is less than 5X or 10X the associated method blank times the dilution factor.	280-3050-1_V_DUSR Report.xlsm
HAR-07	4/30/2010	Primary	pH	6.71	pH Units	HTV	J	V	Prepared or analyzed outside of holding time.	280-3050-1_V_DUSR Report.xlsm
HAR-07	4/30/2010	Primary	Fluoride	0.32	mg/L	J	U	V	Reported result is less than 5X or 10X the associated field blank times the dilution factor.	280-3050-1_V_DUSR Report.xlsm
HAR-07	4/30/2010	Primary	bis(2-Ethylhexyl) phthalate	2	ug/L	JB	U	V	Reported result is less than 5X or 10X the associated method blank times the dilution factor.	280-3050-1_V_DUSR Report.xlsm
HAR-07	4/30/2010	Duplicate	bis(2-Ethylhexyl) phthalate	1.9	ug/L	JB	U	V	Reported result is less than 5X or 10X the associated method blank times the dilution factor.	280-3050-1_V_DUSR Report.xlsm
HAR-08	4/21/2010	Primary	1,4-Dioxane	1.4	ug/L	J	U	V	Reported result is less than 5X or 10X the associated field blank times the dilution factor.	280-2643-1_V_DUSR Report.xlsm
HAR-08	4/21/2010	Primary	Cobalt	0.00049	mg/L	JB	U	V	Reported result is less than 5X or 10X the associated method blank times the dilution factor.	280-2643-1_V_DUSR Report.xlsm

See Table VI for notes and abbreviations.
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TABLE A-III
SUMMARY OF SECOND QUARTER 2010 DATA QUALIFICATION
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well ID	Date	Sample Type	Constituent	Result	Units	Qualifier Code		Validation Level	Validation Notes	Data Usability Summary Report
						Lab	Project			
HAR-08	4/21/2010	Primary	Cyanides	0.0027	mg/L	J	U	V	Reported result is less than 5X or 10X the associated field blank times the dilution factor.	280-2643-1_V_DUSR Report.xlsm
HAR-08	4/21/2010	Primary	Formaldehyde	24	ug/L	JB	U	V	Reported result is less than 5X or 10X the associated method blank times the dilution factor.	280-2643-1_V_DUSR Report.xlsm
HAR-08	4/21/2010	Primary	Fluoride	0.18	mg/L	J	U	V	Reported result is less than 5X or 10X the associated field blank times the dilution factor.	280-2643-1_V_DUSR Report.xlsm
HAR-11	4/22/2010	Primary	Methyl ethyl ketone	2	ug/L	U	UJ	IV	Continuing calibration verification outside acceptance criteria.	280-2700-1_IV_DUSR Report.xlsm
HAR-11	4/22/2010	Primary	Acetone	1.9	ug/L	U	UJ	IV	Continuing calibration verification outside acceptance criteria.	280-2700-1_IV_DUSR Report.xlsm
HAR-11	4/22/2010	Primary	Formaldehyde	24	ug/L	JB	U	V	Reported result is less than 5X or 10X the associated method blank times the dilution factor.	280-2700-1_V_DUSR Report.xlsm
HAR-11	4/22/2010	Primary	Fluoride	0.53	mg/L		U	V	Reported result is less than 5X or 10X the associated field blank times the dilution factor.	280-2700-1_V_DUSR Report.xlsm
HAR-11	4/22/2010	Primary	Cyanides	0.0032	mg/L	J	U	V	Reported result is less than 5X or 10X the associated field blank times the dilution factor.	280-2700-1_V_DUSR Report.xlsm
HAR-11	4/22/2010	Primary	Silver	0.000027	mg/L	J	U	V	Reported result is less than 5X or 10X the associated field blank times the dilution factor.	280-2700-1_V_DUSR Report.xlsm
HAR-11	4/22/2010	Primary	Antimony	0.00014	mg/L	J	U	V	Reported result is less than 5X or 10X the associated field blank times the dilution factor.	280-2700-1_V_DUSR Report.xlsm
HAR-11	4/22/2010	Primary	Methyl isobutyl ketone (MIBK)	0.98	ug/L	U	UJ	IV	Continuing calibration verification outside acceptance criteria.	280-2700-1_IV_DUSR Report.xlsm
HAR-11	4/22/2010	Primary	2-Hexanone	1.7	ug/L	U	UJ	IV	Continuing calibration verification outside acceptance criteria.	280-2700-1_IV_DUSR Report.xlsm
HAR-11	4/22/2010	Primary	1,4-Dioxane	0.4	ug/L	J	U	V	Reported result is less than 5X or 10X the associated method blank times the dilution factor.	280-2700-1_V_DUSR Report.xlsm
HAR-11	4/22/2010	Primary	Acrylonitrile	1.4	ug/L	U	UJ	IV	Continuing calibration verification outside acceptance criteria.	280-2700-1_IV_DUSR Report.xlsm
HAR-13	5/6/2010	Primary	pH	6.91	pH Units	HTV	J	V	Prepared or analyzed outside of holding time.	280-3278-1_V_DUSR Report.xlsm
HAR-13	5/6/2010	Primary	Fluoride	0.33	mg/L	J	U	V	Reported result is less than 5X or 10X the associated field blank times the dilution factor.	280-3278-1_V_DUSR Report.xlsm
HAR-13	5/6/2010	Primary	Methylene chloride	0.52	ug/L	J	U	V	Reported result is less than 5X or 10X the associated trip blank times the dilution factor.	280-3278-1_V_DUSR Report.xlsm
HAR-13	5/6/2010	Primary	Acetone	2.4	ug/L	J	U	V	Reported result is less than 5X or 10X the associated trip blank times the dilution factor.	280-3278-1_V_DUSR Report.xlsm
HAR-13	5/6/2010	Primary	Potassium	1.3	mg/L	J	U	V	Reported result is less than 5X or 10X the associated field blank times the dilution factor.	280-3278-1_V_DUSR Report.xlsm

See Table VI for notes and abbreviations.

TABLE A-III
SUMMARY OF SECOND QUARTER 2010 DATA QUALIFICATION
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well ID	Date	Sample Type	Constituent	Result	Units	Qualifier Code		Validation Level	Validation Notes	Data Usability Summary Report
						Lab	Project			
HAR-13	5/6/2010	Primary	Manganese, Dissolved	0.0003	mg/L	J	U	V	Reported result is less than 5X or 10X the associated field blank times the dilution factor.	280-3278-1_V_DUSR Report.xlsm
HAR-13	5/6/2010	Primary	Formaldehyde	21	ug/L	JB	U	V	Reported result is less than 5X or 10X the associated method blank times the dilution factor.	280-3278-1_V_DUSR Report.xlsm
HAR-13	5/6/2010	Primary	Potassium, Dissolved	0.76	mg/L	J	U	V	Reported result is less than 5X or 10X the associated field blank times the dilution factor.	280-3278-1_V_DUSR Report.xlsm
HAR-13	5/6/2010	Duplicate	Fluoride	0.35	mg/L	J	U	V	Reported result is less than 5X or 10X the associated field blank times the dilution factor.	280-3278-1_V_DUSR Report.xlsm
HAR-13	5/6/2010	Duplicate	pH	6.86	pH Units	HTV	J	V	Prepared or analyzed outside of holding time.	280-3278-1_V_DUSR Report.xlsm
HAR-14	4/28/2010	Primary	Fluoride	0.36	mg/L	J	U	V	Reported result is less than 5X or 10X the associated field blank times the dilution factor.	280-2933-1_V_DUSR Report.xlsm
HAR-14	4/28/2010	Primary	Silver, Dissolved	0.000022	mg/L	J	U	V	Reported result is less than 5X or 10X the associated field blank times the dilution factor.	280-2933-1_V_DUSR Report.xlsm
HAR-14	4/28/2010	Primary	Thallium, Dissolved	0.00005	mg/L	JB	U	V	Reported result is less than 5X or 10X the associated method blank times the dilution factor.	280-2933-1_V_DUSR Report.xlsm
HAR-14	4/28/2010	Primary	Potassium	3.9	mg/L	JB	U	V	Reported result is less than 5X or 10X the associated method blank times the dilution factor.	280-2933-1_V_DUSR Report.xlsm
HAR-14	4/28/2010	Primary	Cyanides	0.0041	mg/L	JB	U	V	Reported result is less than 5X or 10X the associated method blank times the dilution factor.	280-2933-1_V_DUSR Report.xlsm
HAR-14	4/28/2010	Primary	Chloroform	0.32	ug/L	J	U	V	Reported result is less than 5X or 10X the associated field blank times the dilution factor.	280-2933-1_V_DUSR Report.xlsm
HAR-14	4/28/2010	Primary	Methylene chloride	0.34	ug/L	J	U	V	Reported result is less than 5X or 10X the associated trip blank times the dilution factor.	280-2933-1_V_DUSR Report.xlsm
HAR-14	4/28/2010	Primary	bis(2-Ethylhexyl) phthalate	1.9	ug/L	J	U	V	Reported result is less than 5X or 10X the associated field blank times the dilution factor.	280-2933-1_V_DUSR Report.xlsm
HAR-14	4/28/2010	Primary	Manganese, Dissolved	0.00038	mg/L	J	U	V	Reported result is less than 5X or 10X the associated method blank times the dilution factor.	280-2933-1_V_DUSR Report.xlsm
HAR-14	4/28/2010	Primary	Antimony, Dissolved	0.00044	mg/L	J	U	V	Reported result is less than 5X or 10X the associated field blank times the dilution factor.	280-2933-1_V_DUSR Report.xlsm
HAR-14	4/28/2010	Primary	Silver	0.000016	mg/L	J	U	V	Reported result is less than 5X or 10X the associated field blank times the dilution factor.	280-2933-1_V_DUSR Report.xlsm
HAR-14	4/28/2010	Primary	Antimony	0.00042	mg/L	J	U	V	Reported result is less than 5X or 10X the associated field blank times the dilution factor.	280-2933-1_V_DUSR Report.xlsm
HAR-14	4/28/2010	Primary	Manganese	0.0011	mg/L	JB	U	V	Reported result is less than 5X or 10X the associated method blank times the dilution factor.	280-2933-1_V_DUSR Report.xlsm
HAR-14	4/28/2010	Primary	Formaldehyde	23	ug/L	JB	U	V	Reported result is less than 5X or 10X the associated method blank times the dilution factor.	280-2933-1_V_DUSR Report.xlsm

See Table VI for notes and abbreviations.
Haley & Aldrich, Inc.
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TABLE A-III
SUMMARY OF SECOND QUARTER 2010 DATA QUALIFICATION
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well ID	Date	Sample Type	Constituent	Result	Units	Qualifier Code		Validation Level	Validation Notes	Data Usability Summary Report
						Lab	Project			
HAR-14	4/28/2010	Primary	Potassium, Dissolved	3.6	mg/L	J	U	V	Reported result is less than 5X or 10X the associated method blank times the dilution factor.	280-2933-1_V_DUSR Report.xlsm
HAR-15	4/28/2010	Primary	Formaldehyde	23	ug/L	JB	U	V	Reported result is less than 5X or 10X the associated method blank times the dilution factor.	280-2933-1_V_DUSR Report.xlsm
HAR-15	4/28/2010	Primary	Antimony, Dissolved	0.00018	mg/L	J	U	V	Reported result is less than 5X or 10X the associated field blank times the dilution factor.	280-2933-1_V_DUSR Report.xlsm
HAR-15	4/28/2010	Primary	Antimony	0.00022	mg/L	J	U	V	Reported result is less than 5X or 10X the associated field blank times the dilution factor.	280-2933-1_V_DUSR Report.xlsm
HAR-15	4/28/2010	Primary	Cyanides	0.0042	mg/L	JB	U	V	Reported result is less than 5X or 10X the associated method blank times the dilution factor.	280-2933-1_V_DUSR Report.xlsm
HAR-15	4/28/2010	Primary	Thallium, Dissolved	0.000027	mg/L	JB	U	V	Reported result is less than 5X or 10X the associated method blank times the dilution factor.	280-2933-1_V_DUSR Report.xlsm
HAR-15	4/28/2010	Primary	Acetone	9.2	ug/L	J	U	V	Reported result is less than 5X or 10X the associated field blank times the dilution factor.	280-2933-1_V_DUSR Report.xlsm
HAR-15	4/28/2010	Primary	Methylene chloride	0.65	ug/L	J	U	V	Reported result is less than 5X or 10X the associated method blank times the dilution factor.	280-2933-1_V_DUSR Report.xlsm
HAR-15	4/28/2010	Primary	1,4-Dioxane	0.2	ug/L	J	U	V	Reported result is less than 5X or 10X the associated field blank times the dilution factor.	280-2933-1_V_DUSR Report.xlsm
HAR-15	4/29/2010	Primary	bis(2-Ethylhexyl) phthalate	6	ug/L	JB	U	V	Reported result is less than 5X or 10X the associated method blank times the dilution factor.	280-3013-1_V_DUSR Report.xlsm
HAR-16	4/29/2010	Primary	Methylene chloride	8.4	ug/L	JB	U	V	Reported result is less than 5X or 10X the associated method blank times the dilution factor.	280-3013-1_V_DUSR Report.xlsm
HAR-16	4/29/2010	Primary	Manganese	0.0015	mg/L	JB	U	V	Reported result is less than 5X or 10X the associated method blank times the dilution factor.	280-3013-1_V_DUSR Report.xlsm
HAR-16	4/29/2010	Primary	pH	6.65	pH Units	HTV	J	V	Prepared or analyzed outside of holding time.	280-3013-1_V_DUSR Report.xlsm
HAR-16	4/29/2010	Primary	bis(2-Ethylhexyl) phthalate	10	ug/L	JB	U	V	Reported result is less than 5X or 10X the associated method blank times the dilution factor.	280-3013-1_V_DUSR Report.xlsm
HAR-16	4/29/2010	Primary	pH	6.65	pH Units	HTV	J	V	Prepared or analyzed outside of holding time.	280-3013-1_V_DUSR Report.xlsm
HAR-16	4/29/2010	Primary	Cyanides	0.0038	mg/L	JB	U	V	Reported result is less than 5X or 10X the associated method blank times the dilution factor.	280-3013-1_V_DUSR Report.xlsm
HAR-16	4/29/2010	Primary	Thallium, Dissolved	0.000024	mg/L	JB	U	V	Reported result is less than 5X or 10X the associated method blank times the dilution factor.	280-3013-1_V_DUSR Report.xlsm
HAR-16	4/29/2010	Primary	Formaldehyde	22	ug/L	JB	U	V	Reported result is less than 5X or 10X the associated method blank times the dilution factor.	280-3013-1_V_DUSR Report.xlsm
HAR-16	4/29/2010	Primary	Fluoride	0.38	mg/L	J	U	V	Reported result is less than 5X or 10X the associated field blank times the dilution factor.	280-3013-1_V_DUSR Report.xlsm

See Table VI for notes and abbreviations.
Haley & Aldrich, Inc.
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TABLE A-III
SUMMARY OF SECOND QUARTER 2010 DATA QUALIFICATION
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well ID	Date	Sample Type	Constituent	Result	Units	Qualifier Code		Validation Level	Validation Notes	Data Usability Summary Report
						Lab	Project			
HAR-16	4/29/2010	Primary	Chloroform	0.92	ug/L	J	U	V	Reported result is less than 5X or 10X the associated field blank times the dilution factor.	280-3013-1_V_DUSR Report.xlsm
HAR-16	4/29/2010	Primary	Silver, Dissolved	0.000034	mg/L	J	U	V	Reported result is less than 5X or 10X the associated field blank times the dilution factor.	280-3013-1_V_DUSR Report.xlsm
HAR-16	4/29/2010	Primary	Antimony, Dissolved	0.000089	mg/L	J	U	V	Reported result is less than 5X or 10X the associated field blank times the dilution factor.	280-3013-1_V_DUSR Report.xlsm
HAR-16	4/29/2010	Primary	Potassium, Dissolved	1.4	mg/L	J	U	V	Reported result is less than 5X or 10X the associated method blank times the dilution factor.	280-3013-1_V_DUSR Report.xlsm
HAR-16	4/29/2010	Primary	Manganese, Dissolved	0.0012	mg/L	J	U	V	Reported result is less than 5X or 10X the associated method blank times the dilution factor.	280-3013-1_V_DUSR Report.xlsm
HAR-16	4/29/2010	Primary	Potassium	1.3	mg/L	JB	U	V	Reported result is less than 5X or 10X the associated method blank times the dilution factor.	280-3013-1_V_DUSR Report.xlsm
HAR-19	4/30/2010	Primary	beta-BHC	0.0082	ug/L	U	UJ	V	Surrogate recovery outside acceptance criteria.	280-3050-1_V_DUSR Report.xlsm
HAR-19	4/30/2010	Primary	Cyanides	0.0037	mg/L	JB	U	V	Reported result is less than 5X or 10X the associated method blank times the dilution factor.	280-3050-1_V_DUSR Report.xlsm
HAR-19	4/30/2010	Primary	Manganese	0.012	mg/L	JB	U	V	Reported result is less than 5X or 10X the associated method blank times the dilution factor.	280-3050-1_V_DUSR Report.xlsm
HAR-19	4/30/2010	Primary	Thallium, Dissolved	0.000031	mg/L	JB	U	V	Reported result is less than 5X or 10X the associated method blank times the dilution factor.	280-3050-1_V_DUSR Report.xlsm
HAR-19	4/30/2010	Primary	Antimony, Dissolved	0.00008	mg/L	J	U	V	Reported result is less than 5X or 10X the associated field blank times the dilution factor.	280-3050-1_V_DUSR Report.xlsm
HAR-19	4/30/2010	Primary	Fluoride	0.12	mg/L	J	U	V	Reported result is less than 5X or 10X the associated field blank times the dilution factor.	280-3050-1_V_DUSR Report.xlsm
HAR-19	4/30/2010	Primary	bis(2-Ethylhexyl) phthalate	3.6	ug/L	JB	U	V	Reported result is less than 5X or 10X the associated method blank times the dilution factor.	280-3050-1_V_DUSR Report.xlsm
HAR-19	4/30/2010	Primary	Formaldehyde	19	ug/L	JB	U	V	Reported result is less than 5X or 10X the associated method blank times the dilution factor.	280-3109-1_V_DUSR Report.xlsm
HAR-19	4/30/2010	Primary	Chlordane	0.13	ug/L	U	UJ	V	Surrogate recovery outside acceptance criteria.	280-3050-1_V_DUSR Report.xlsm
HAR-19	4/30/2010	Primary	alpha-BHC	0.005	ug/L	U	UJ	V	Surrogate recovery outside acceptance criteria.	280-3050-1_V_DUSR Report.xlsm
HAR-19	4/30/2010	Primary	delta-BHC	0.0055	ug/L	U	UJ	V	Surrogate recovery outside acceptance criteria.	280-3050-1_V_DUSR Report.xlsm
HAR-19	4/30/2010	Primary	gamma-BHC	0.0065	ug/L	U	UJ	V	Surrogate recovery outside acceptance criteria.	280-3050-1_V_DUSR Report.xlsm
HAR-19	4/30/2010	Primary	Heptachlor	0.0073	ug/L	U	UJ	V	Surrogate recovery outside acceptance criteria.	280-3050-1_V_DUSR Report.xlsm
HAR-19	4/30/2010	Primary	Heptachlor epoxide	0.0071	ug/L	U	UJ	V	Surrogate recovery outside acceptance criteria.	280-3050-1_V_DUSR Report.xlsm
HAR-19	4/30/2010	Primary	pH	7.05	pH Units	HTV	J	V	Prepared or analyzed outside of holding time.	280-3050-1_V_DUSR Report.xlsm
HAR-19	4/30/2010	Primary	Acetone	5.5	ug/L	J	U	V	Reported result is less than 5X or 10X the associated trip blank times the dilution factor.	280-3050-1_V_DUSR Report.xlsm

See Table VI for notes and abbreviations.

TABLE A-III
SUMMARY OF SECOND QUARTER 2010 DATA QUALIFICATION
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well ID	Date	Sample Type	Constituent	Result	Units	Qualifier Code		Validation Level	Validation Notes	Data Usability Summary Report
						Lab	Project			
HAR-19	4/30/2010	Primary	Antimony	0.0001	mg/L	J	U	V	Reported result is less than 5X or 10X the associated field blank times the dilution factor.	280-3050-1_V_DUSR Report.xlsm
HAR-19	4/30/2010	Primary	Aldrin	0.0056	ug/L	U	UJ	V	Surrogate recovery outside acceptance criteria.	280-3050-1_V_DUSR Report.xlsm
HAR-20	4/22/2010	Primary	Formaldehyde	21	ug/L	JB	U	V	Reported result is less than 5X or 10X the associated method blank times the dilution factor.	280-2700-1_V_DUSR Report.xlsm
HAR-20	4/22/2010	Primary	bis(2-Ethylhexyl) phthalate	0.76	ug/L	J	U	V	Reported result is less than 5X or 10X the associated field blank times the dilution factor.	280-2700-1_V_DUSR Report.xlsm
HAR-20	4/22/2010	Primary	Cyanides	0.0036	mg/L	J	U	V	Reported result is less than 5X or 10X the associated field blank times the dilution factor.	280-2700-1_V_DUSR Report.xlsm
HAR-20	4/22/2010	Primary	Fluoride	0.27	mg/L	J	U	V	Reported result is less than 5X or 10X the associated field blank times the dilution factor.	280-2700-1_V_DUSR Report.xlsm
HAR-20	4/22/2010	Primary	Antimony	0.000077	mg/L	J	U	V	Reported result is less than 5X or 10X the associated field blank times the dilution factor.	280-2700-1_V_DUSR Report.xlsm
HAR-20	4/22/2010	Duplicate	gamma-BHC	0.0065	ug/L	U	UJ	V	Surrogate recovery outside acceptance criteria.	280-2700-1_V_DUSR Report.xlsm
HAR-20	4/22/2010	Duplicate	Aldrin	0.0056	ug/L	U	UJ	V	Surrogate recovery outside acceptance criteria.	280-2700-1_V_DUSR Report.xlsm
HAR-20	4/22/2010	Duplicate	alpha-BHC	0.005	ug/L	U	UJ	V	Surrogate recovery outside acceptance criteria.	280-2700-1_V_DUSR Report.xlsm
HAR-20	4/22/2010	Duplicate	beta-BHC	0.0082	ug/L	U	UJ	V	Surrogate recovery outside acceptance criteria.	280-2700-1_V_DUSR Report.xlsm
HAR-20	4/22/2010	Duplicate	delta-BHC	0.0055	ug/L	U	UJ	V	Surrogate recovery outside acceptance criteria.	280-2700-1_V_DUSR Report.xlsm
HAR-20	4/22/2010	Duplicate	Chlordane	0.13	ug/L	U	UJ	V	Surrogate recovery outside acceptance criteria.	280-2700-1_V_DUSR Report.xlsm
HAR-20	4/22/2010	Duplicate	Heptachlor epoxide	0.0071	ug/L	U	UJ	V	Surrogate recovery outside acceptance criteria.	280-2700-1_V_DUSR Report.xlsm
HAR-20	4/22/2010	Duplicate	Heptachlor	0.0073	ug/L	U	UJ	V	Surrogate recovery outside acceptance criteria.	280-2700-1_V_DUSR Report.xlsm
HAR-21	4/22/2010	Primary	Cyanides	0.0037	mg/L	J	U	V	Reported result is less than 5X or 10X the associated field blank times the dilution factor.	280-2700-1_V_DUSR Report.xlsm
HAR-21	4/22/2010	Primary	bis(2-Ethylhexyl) phthalate	0.99	ug/L	J	U	V	Reported result is less than 5X or 10X the associated field blank times the dilution factor.	280-2700-1_V_DUSR Report.xlsm
HAR-21	4/22/2010	Primary	Antimony	0.00013	mg/L	J	U	V	Reported result is less than 5X or 10X the associated field blank times the dilution factor.	280-2700-1_V_DUSR Report.xlsm
HAR-21	4/22/2010	Primary	Antimony, Dissolved	0.00043	mg/L	J	U	V	Reported result is less than 5X or 10X the associated field blank times the dilution factor.	280-2700-1_V_DUSR Report.xlsm
HAR-21	4/22/2010	Primary	Aroclor 1260	0.15	ug/L	U	UJ	V	Surrogate recovery outside acceptance criteria.	280-2700-1_V_DUSR Report.xlsm
HAR-21	4/22/2010	Primary	Aroclor 1254	0.11	ug/L	U	UJ	V	Surrogate recovery outside acceptance criteria.	280-2700-1_V_DUSR Report.xlsm
HAR-21	4/22/2010	Primary	Aroclor 1248	0.086	ug/L	U	UJ	V	Surrogate recovery outside acceptance criteria.	280-2700-1_V_DUSR Report.xlsm
HAR-21	4/22/2010	Primary	Aroclor 1242	0.098	ug/L	U	UJ	V	Surrogate recovery outside acceptance criteria.	280-2700-1_V_DUSR Report.xlsm
HAR-21	4/22/2010	Primary	Silver, Dissolved	0.000088	mg/L	J	U	V	Reported result is less than 5X or 10X the associated field blank times the dilution factor.	280-2700-1_V_DUSR Report.xlsm

See Table VI for notes and abbreviations.

TABLE A-III
SUMMARY OF SECOND QUARTER 2010 DATA QUALIFICATION
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well ID	Date	Sample Type	Constituent	Result	Units	Qualifier Code		Validation Level	Validation Notes	Data Usability Summary Report
						Lab	Project			
HAR-21	4/22/2010	Primary	Fluoride	0.31	mg/L	J	U	V	Reported result is less than 5X or 10X the associated field blank times the dilution factor.	280-2700-1_V_DUSR Report.xlsm
HAR-21	4/22/2010	Primary	Formaldehyde	42	ug/L	JB	U	V	Reported result is less than 5X or 10X the associated method blank times the dilution factor.	280-2700-1_V_DUSR Report.xlsm
HAR-21	4/22/2010	Primary	Silver	0.000024	mg/L	J	U	V	Reported result is less than 5X or 10X the associated field blank times the dilution factor.	280-2700-1_V_DUSR Report.xlsm
HAR-21	4/22/2010	Duplicate	Aroclor 1260	0.15	ug/L	U	UJ	V	Surrogate recovery outside acceptance criteria.	280-2700-1_V_DUSR Report.xlsm
HAR-21	4/22/2010	Duplicate	Aroclor 1242	0.099	ug/L	U	UJ	V	Surrogate recovery outside acceptance criteria.	280-2700-1_V_DUSR Report.xlsm
HAR-21	4/22/2010	Duplicate	Aroclor 1248	0.087	ug/L	U	UJ	V	Surrogate recovery outside acceptance criteria.	280-2700-1_V_DUSR Report.xlsm
HAR-21	4/22/2010	Duplicate	Aroclor 1254	0.11	ug/L	U	UJ	V	Surrogate recovery outside acceptance criteria.	280-2700-1_V_DUSR Report.xlsm
HAR-23	5/4/2010	Primary	Fluoride	0.44	mg/L	J	U	V	Reported result is less than 5X or 10X the associated field blank times the dilution factor.	280-3161-1_V_DUSR Report.xlsm
HAR-23	5/4/2010	Primary	Formaldehyde	23	ug/L	JB	U	V	Reported result is less than 5X or 10X the associated method blank times the dilution factor.	280-3161-1_V_DUSR Report.xlsm
HAR-25	5/11/2010	Primary	Methylene chloride	0.41	ug/L	JB	U	V	Reported result is less than 5X or 10X the associated method blank times the dilution factor.	280-3410-1_V_DUSR Report.xlsm
HAR-25	5/11/2010	Primary	Chloroform	0.26	ug/L	J	U	V	Reported result is less than 5X or 10X the associated field blank times the dilution factor.	280-3410-1_V_DUSR Report.xlsm
HAR-25	5/11/2010	Primary	pH	7.42	pH Units	HTV	J	V	Prepared or analyzed outside of holding time.	280-3410-1_V_DUSR Report.xlsm
HAR-25	5/11/2010	Primary	Formaldehyde	17	ug/L	JB	U	V	Reported result is less than 5X or 10X the associated method blank times the dilution factor.	280-3410-1_V_DUSR Report.xlsm
HAR-26	4/29/2010	Primary	Fluoride	0.64	mg/L		U	V	Reported result is less than 5X or 10X the associated field blank times the dilution factor.	280-3013-1_V_DUSR Report.xlsm
HAR-26	4/29/2010	Primary	Silver	0.000016	mg/L	J	U	V	Reported result is less than 5X or 10X the associated field blank times the dilution factor.	280-3013-1_V_DUSR Report.xlsm
HAR-26	4/29/2010	Primary	pH	8.2	pH Units	HTV	J	V	Prepared or analyzed outside of holding time.	280-3013-1_V_DUSR Report.xlsm
HAR-26	4/29/2010	Primary	bis(2-Ethylhexyl) phthalate	28	ug/L	JB	U	V	Reported result is less than 5X or 10X the associated method blank times the dilution factor.	280-3013-1_V_DUSR Report.xlsm
HAR-26	4/29/2010	Primary	Methylene chloride	1.3	ug/L	JB	U	V	Reported result is less than 5X or 10X the associated method blank times the dilution factor.	280-3013-1_V_DUSR Report.xlsm
HAR-26	4/29/2010	Primary	Cyanides	0.0027	mg/L	JB	U	V	Reported result is less than 5X or 10X the associated method blank times the dilution factor.	280-3013-1_V_DUSR Report.xlsm
HAR-26	4/29/2010	Primary	Formaldehyde	22	ug/L	JB	U	V	Reported result is less than 5X or 10X the associated method blank times the dilution factor.	280-3013-1_V_DUSR Report.xlsm
HAR-26	4/29/2010	Primary	1,4-Dioxane	0.37	ug/L	J	U	V	Reported result is less than 5X or 10X the associated field blank times the dilution factor.	280-3013-1_V_DUSR Report.xlsm

See Table VI for notes and abbreviations.

TABLE A-III
SUMMARY OF SECOND QUARTER 2010 DATA QUALIFICATION
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well ID	Date	Sample Type	Constituent	Result	Units	Qualifier Code		Validation Level	Validation Notes	Data Usability Summary Report
						Lab	Project			
HAR-26	4/29/2010	Primary	Antimony	0.000085	mg/L	J	U	V	Reported result is less than 5X or 10X the associated field blank times the dilution factor.	280-3013-1_V_DUSR Report.xlsm
HAR-27	4/26/2010	Primary	Fluoride	0.54	mg/L		U	V	Reported result is less than 5X or 10X the associated field blank times the dilution factor.	280-2839-1_V_DUSR Report.xlsm
HAR-27	4/26/2010	Primary	Cobalt	0.00061	mg/L	JB	U	V	Reported result is less than 5X or 10X the associated method blank times the dilution factor.	280-2839-1_V_DUSR Report.xlsm
HAR-27	4/26/2010	Primary	bis(2-Ethylhexyl) phthalate	2	ug/L	JB	U	V	Reported result is less than 5X or 10X the associated method blank times the dilution factor.	280-2839-1_V_DUSR Report.xlsm
HAR-27	4/26/2010	Primary	Thallium	0.00022	mg/L	JB	U	V	Reported result is less than 5X or 10X the associated method blank times the dilution factor.	280-2839-1_V_DUSR Report.xlsm
HAR-27	4/26/2010	Primary	pH	7.49	pH Units	HTV	J	V	Prepared or analyzed outside of holding time.	280-2839-1_V_DUSR Report.xlsm
HAR-27	4/26/2010	Primary	Formaldehyde	23	ug/L	JB	U	V	Reported result is less than 5X or 10X the associated method blank times the dilution factor.	280-2839-1_V_DUSR Report.xlsm
HAR-27	4/26/2010	Primary	Potassium	2.6	mg/L	J	U	V	Reported result is less than 5X or 10X the associated field blank times the dilution factor.	280-2839-1_V_DUSR Report.xlsm
HAR-27	4/26/2010	Primary	Potassium, Dissolved	2.2	mg/L	J	U	V	Reported result is less than 5X or 10X the associated field blank times the dilution factor.	280-2839-1_V_DUSR Report.xlsm
HAR-27	4/26/2010	Primary	Acetone	4.9	ug/L	J	U	V	Reported result is less than 5X or 10X the associated field blank times the dilution factor.	280-2839-1_V_DUSR Report.xlsm
HAR-27	4/26/2010	Duplicate	bis(2-Ethylhexyl) phthalate	1.9	ug/L	JB	U	V	Reported result is less than 5X or 10X the associated method blank times the dilution factor.	280-2839-1_V_DUSR Report.xlsm
HAR-28	4/26/2010	Primary	Cyanides	0.0023	mg/L	JB	U	V	Reported result is less than 5X or 10X the associated method blank times the dilution factor.	280-2839-1_V_DUSR Report.xlsm
HAR-28	4/26/2010	Primary	1,4-Dioxane	0.27	ug/L	J	U	V	Reported result is less than 5X or 10X the associated trip blank times the dilution factor.	280-2839-1_V_DUSR Report.xlsm
HAR-28	4/26/2010	Primary	Fluoride	0.22	mg/L	J	U	V	Reported result is less than 5X or 10X the associated field blank times the dilution factor.	280-2839-1_V_DUSR Report.xlsm
HAR-28	4/26/2010	Primary	pH	7.09	pH Units	HTV	J	V	Prepared or analyzed outside of holding time.	280-2839-1_V_DUSR Report.xlsm
HAR-28	4/26/2010	Primary	Formaldehyde	15	ug/L	JB	U	V	Reported result is less than 5X or 10X the associated method blank times the dilution factor.	280-2839-1_V_DUSR Report.xlsm
HAR-28	4/26/2010	Primary	Cobalt	0.00015	mg/L	JB	U	V	Reported result is less than 5X or 10X the associated method blank times the dilution factor.	280-2839-1_V_DUSR Report.xlsm
HAR-28	4/26/2010	Duplicate	1,4-Dioxane	0.31	ug/L	J	U	V	Reported result is less than 5X or 10X the associated trip blank times the dilution factor.	280-2839-1_V_DUSR Report.xlsm
HAR-29	4/26/2010	Primary	Cyanides	0.0022	mg/L	JB	U	V	Reported result is less than 5X or 10X the associated method blank times the dilution factor.	280-2839-1_V_DUSR Report.xlsm

See Table VI for notes and abbreviations.

TABLE A-III
SUMMARY OF SECOND QUARTER 2010 DATA QUALIFICATION
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well ID	Date	Sample Type	Constituent	Result	Units	Qualifier Code		Validation Level	Validation Notes	Data Usability Summary Report
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HAR-29	4/26/2010	Primary	Manganese, Dissolved	0.004	mg/L	JB	J	V	Reported result is greater than 5X or 10X the associated method blank times the dilution factor.	280-2839-1_V_DUSR Report.xlsm
HAR-29	4/26/2010	Primary	Antimony	0.00068	mg/L	J	U	V	Reported result is less than 5X or 10X the associated field blank times the dilution factor.	280-2839-1_V_DUSR Report.xlsm
HAR-29	4/26/2010	Primary	Antimony, Dissolved	0.00058	mg/L	J	U	V	Reported result is less than 5X or 10X the associated field blank times the dilution factor.	280-2839-1_V_DUSR Report.xlsm
HAR-29	4/26/2010	Primary	pH	7.14	pH Units	HTV	J	V	Prepared or analyzed outside of holding time.	280-2839-1_V_DUSR Report.xlsm
HAR-29	4/26/2010	Primary	1,4-Dioxane	0.22	ug/L	J	U	V	Reported result is less than 5X or 10X the associated trip blank times the dilution factor.	280-2839-1_V_DUSR Report.xlsm
HAR-29	4/26/2010	Primary	Formaldehyde	21	ug/L	JB	U	V	Reported result is less than 5X or 10X the associated method blank times the dilution factor.	280-2839-1_V_DUSR Report.xlsm
HAR-29	4/26/2010	Primary	Fluoride	0.31	mg/L	J	U	V	Reported result is less than 5X or 10X the associated field blank times the dilution factor.	280-2839-1_V_DUSR Report.xlsm
HAR-29	4/26/2010	Primary	bis(2-Ethylhexyl) phthalate	1.8	ug/L	JB	U	V	Reported result is less than 5X or 10X the associated method blank times the dilution factor.	280-2839-1_V_DUSR Report.xlsm
HAR-29	4/26/2010	Duplicate	1,4-Dioxane	0.19	ug/L	J	U	V	Reported result is less than 5X or 10X the associated trip blank times the dilution factor.	280-2839-1_V_DUSR Report.xlsm
HAR-31	5/5/2010	Primary	Potassium	1	mg/L	J	U	V	Reported result is less than 5X or 10X the associated field blank times the dilution factor.	280-3221-1_V_DUSR Report.xlsm
HAR-31	5/5/2010	Primary	Formaldehyde	13	ug/L	JB	U	V	Reported result is less than 5X or 10X the associated method blank times the dilution factor.	280-3221-1_V_DUSR Report.xlsm
HAR-31	5/5/2010	Primary	Iron	0.15	mg/L	B	U	V	Reported result is less than 5X or 10X the associated method blank times the dilution factor.	280-3221-1_V_DUSR Report.xlsm
HAR-31	5/5/2010	Primary	Potassium, Dissolved	0.86	mg/L	J	U	V	Reported result is less than 5X or 10X the associated field blank times the dilution factor.	280-3221-1_V_DUSR Report.xlsm
HAR-31	5/5/2010	Primary	Manganese	0.0026	mg/L	JB	U	V	Reported result is less than 5X or 10X the associated method blank times the dilution factor.	280-3221-1_V_DUSR Report.xlsm
HAR-32	5/5/2010	Primary	Formaldehyde	16	ug/L	JB	U	V	Reported result is less than 5X or 10X the associated method blank times the dilution factor.	280-3221-1_V_DUSR Report.xlsm
HAR-32	5/5/2010	Primary	Acetone	240	ug/L		U	V	Reported result is less than 5X or 10X the associated field blank times the dilution factor.	280-3221-1_V_DUSR Report.xlsm
HAR-32	5/5/2010	Primary	Chloroform	0.38	ug/L	J	U	V	Reported result is less than 5X or 10X the associated field blank times the dilution factor.	280-3221-1_V_DUSR Report.xlsm
HAR-32	5/5/2010	Primary	n-Nitrosodimethylamine	0.13	ug/L		U	V	Reported result is less than 5X or 10X the associated field blank times the dilution factor.	280-3221-1_V_DUSR Report.xlsm
HAR-32	5/5/2010	Duplicate	n-Nitrosodimethylamine	0.13	ug/L		U	V	Reported result is less than 5X or 10X the associated field blank times the dilution factor.	280-3221-1_V_DUSR Report.xlsm

See Table VI for notes and abbreviations.

TABLE A-III
SUMMARY OF SECOND QUARTER 2010 DATA QUALIFICATION
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well ID	Date	Sample Type	Constituent	Result	Units	Qualifier Code		Validation Level	Validation Notes	Data Usability Summary Report
						Lab	Project			
HAR-33	5/3/2010	Primary	Formaldehyde	12	ug/L	JB	U	V	Reported result is less than 5X or 10X the associated method blank times the dilution factor.	280-3109-1_V_DUSR Report.xlsm
HAR-33	5/3/2010	Primary	Antimony, Dissolved	0.00051	mg/L	JB	U	V	Reported result is less than 5X or 10X the associated method blank times the dilution factor.	280-3109-1_V_DUSR Report.xlsm
HAR-33	5/3/2010	Primary	Cyanides	0.0033	mg/L	JB	U	V	Reported result is less than 5X or 10X the associated method blank times the dilution factor.	280-3109-1_V_DUSR Report.xlsm
HAR-33	5/3/2010	Primary	bis(2-Ethylhexyl) phthalate	11	ug/L	J	U	V	Reported result is less than 5X or 10X the associated field blank times the dilution factor.	280-3109-1_V_DUSR Report.xlsm
HAR-33	5/3/2010	Primary	Silver, Dissolved	0.000059	mg/L	J	U	V	Reported result is less than 5X or 10X the associated field blank times the dilution factor.	280-3109-1_V_DUSR Report.xlsm
PZ-060	5/10/2010	Primary	Methylene chloride	0.47	ug/L	JB	U	V	Reported result is less than 5X or 10X the associated method blank times the dilution factor.	280-3351-1_V_DUSR Report.xlsm
PZ-060	5/10/2010	Primary	bis(2-Ethylhexyl) phthalate	27	ug/L	J	U	V	Reported result is less than 5X or 10X the associated field blank times the dilution factor.	280-3351-1_V_DUSR Report.xlsm
PZ-060	5/10/2010	Primary	Acetone	3.8	ug/L	J	U	V	Reported result is less than 5X or 10X the associated field blank times the dilution factor.	280-3351-1_V_DUSR Report.xlsm
PZ-060	5/11/2010	Primary	Mercury	0.000055	mg/L	JB	U	V	Reported result is less than 5X or 10X the associated method blank times the dilution factor.	280-3410-1_V_DUSR Report.xlsm
PZ-060	5/11/2010	Primary	Cyanides	0.0046	mg/L	JB	U	V	Reported result is less than 5X or 10X the associated method blank times the dilution factor.	280-3410-1_V_DUSR Report.xlsm
PZ-060	5/11/2010	Primary	Formaldehyde	53	ug/L	B	U	V	Reported result is less than 5X or 10X the associated method blank times the dilution factor.	280-3410-1_V_DUSR Report.xlsm
PZ-139	5/13/2010	Primary	Antimony, Dissolved	0.00017	mg/L	J	U	V	Reported result is less than 5X or 10X the associated field blank times the dilution factor.	280-3493-1_V_DUSR Report.xlsm
PZ-139	5/13/2010	Primary	Silver, Dissolved	0.000024	mg/L	J	U	V	Reported result is less than 5X or 10X the associated field blank times the dilution factor.	280-3493-1_V_DUSR Report.xlsm
PZ-139	5/13/2010	Primary	Acetone	8.9	ug/L	J	U	V	Reported result is less than 5X or 10X the associated field blank times the dilution factor.	280-3493-1_V_DUSR Report.xlsm
PZ-139	5/13/2010	Primary	Formaldehyde	24	ug/L	JB	U	V	Reported result is less than 5X or 10X the associated method blank times the dilution factor.	280-3493-1_V_DUSR Report.xlsm
PZ-140	5/13/2010	Primary	Diethyl phthalate	0.52	ug/L	JB	U	V	Reported result is less than 5X or 10X the associated method blank times the dilution factor.	280-3493-1_V_DUSR Report.xlsm
PZ-140	5/13/2010	Primary	Formaldehyde	22	ug/L	JB	U	V	Reported result is less than 5X or 10X the associated method blank times the dilution factor.	280-3493-1_V_DUSR Report.xlsm
PZ-140	5/13/2010	Primary	Acetone	8.1	ug/L	J	U	V	Reported result is less than 5X or 10X the associated field blank times the dilution factor.	280-3493-1_V_DUSR Report.xlsm

See Table VI for notes and abbreviations.

TABLE A-III
SUMMARY OF SECOND QUARTER 2010 DATA QUALIFICATION
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well ID	Date	Sample Type	Constituent	Result	Units	Qualifier Code		Validation Level	Validation Notes	Data Usability Summary Report
						Lab	Project			
PZ-140	5/13/2010	Duplicate	Diethyl phthalate	0.41	ug/L	JB	U	V	Reported result is less than 5X or 10X the associated method blank times the dilution factor.	280-3493-1_V_DUSR Report.xlsm
PZ-140	5/13/2010	Duplicate	Acetone	8.2	ug/L	J	U	V	Reported result is less than 5X or 10X the associated field blank times the dilution factor.	280-3493-1_V_DUSR Report.xlsm
PZ-140	5/14/2010	Primary	Diesel Range Organics (C8-C30)	0.074	mg/L	U	UJ	V	Prepared or analyzed outside of holding time.	280-3532-1_V_DUSR Report.xlsm
PZ-140	5/14/2010	Primary	Diesel Range Organics (C8-C11)	0.074	mg/L	U	UJ	V	Prepared or analyzed outside of holding time.	280-3532-1_V_DUSR Report.xlsm
PZ-140	5/14/2010	Primary	Diesel Range Organics (C15-C20)	0.031	mg/L	U	UJ	V	Prepared or analyzed outside of holding time.	280-3532-1_V_DUSR Report.xlsm
PZ-140	5/14/2010	Primary	Diesel Range Organics (C12-C14)	0.031	mg/L	U	UJ	V	Prepared or analyzed outside of holding time.	280-3532-1_V_DUSR Report.xlsm
PZ-140	5/14/2010	Primary	Antimony, Dissolved	0.00012	mg/L	J	U	V	Reported result is less than 5X or 10X the associated field blank times the dilution factor.	280-3532-1_V_DUSR Report.xlsm
PZ-140	5/14/2010	Primary	Diesel Range Organics (C21-C30)	0.031	mg/L	U	UJ	V	Prepared or analyzed outside of holding time.	280-3532-1_V_DUSR Report.xlsm
PZ-140	5/14/2010	Duplicate	Diesel Range Organics (C21-C30)	0.031	mg/L	U	UJ	V	Prepared or analyzed outside of holding time.	280-3532-1_V_DUSR Report.xlsm
PZ-140	5/14/2010	Duplicate	Antimony, Dissolved	0.00011	mg/L	J	U	V	Reported result is less than 5X or 10X the associated field blank times the dilution factor.	280-3532-1_V_DUSR Report.xlsm
PZ-140	5/14/2010	Duplicate	Diesel Range Organics (C12-C14)	0.031	mg/L	U	UJ	V	Prepared or analyzed outside of holding time.	280-3532-1_V_DUSR Report.xlsm
PZ-140	5/14/2010	Duplicate	Diesel Range Organics (C15-C20)	0.031	mg/L	U	UJ	V	Prepared or analyzed outside of holding time.	280-3532-1_V_DUSR Report.xlsm
PZ-140	5/14/2010	Duplicate	Diesel Range Organics (C8-C30)	0.075	mg/L	U	UJ	V	Prepared or analyzed outside of holding time.	280-3532-1_V_DUSR Report.xlsm
PZ-140	5/14/2010	Duplicate	Diesel Range Organics (C8-C11)	0.075	mg/L	U	UJ	V	Prepared or analyzed outside of holding time.	280-3532-1_V_DUSR Report.xlsm
PZ-141	5/17/2010	Primary	Antimony, Dissolved	0.00097	mg/L	J	U	V	Reported result is less than 5X or 10X the associated field blank times the dilution factor.	280-3593-1_V_DUSR Report.xlsm
PZ-141	5/17/2010	Primary	Silver, Dissolved	0.000093	mg/L	J	U	V	Reported result is less than 5X or 10X the associated field blank times the dilution factor.	280-3593-1_V_DUSR Report.xlsm
PZ-141	5/17/2010	Primary	Thallium, Dissolved	0.00015	mg/L	JB	U	V	Reported result is less than 5X or 10X the associated method blank times the dilution factor.	280-3593-1_V_DUSR Report.xlsm
PZ-141	5/17/2010	Primary	Hydrazine	3.3	ug/L	J	U	V	Reported result is less than 5X or 10X the associated field blank times the dilution factor.	280-3593-1_V_DUSR Report.xlsm

See Table VI for notes and abbreviations.

TABLE A-III
SUMMARY OF SECOND QUARTER 2010 DATA QUALIFICATION
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well ID	Date	Sample Type	Constituent	Result	Units	Qualifier Code		Validation Level	Validation Notes	Data Usability Summary Report
						Lab	Project			
PZ-141	5/17/2010	Primary	Formaldehyde	17	ug/L	JB	U	V	Reported result is less than 5X or 10X the associated method blank times the dilution factor.	280-3593-1_V_DUSR Report.xlsm
PZ-141	5/17/2010	Split	Formaldehyde	6.35	ug/L	J	U	V	Reported result is less than 5X or 10X the associated method blank times the dilution factor.	ITE1601_V_DUSR Report.xlsm
PZ-141	5/17/2010	Duplicate	Formaldehyde	20	ug/L	JB	U	V	Reported result is less than 5X or 10X the associated method blank times the dilution factor.	280-3593-1_V_DUSR Report.xlsm
PZ-141	5/18/2010	Primary	Diesel Range Organics (C8-C30)	0.076	mg/L	U	UJ	V	Prepared or analyzed outside of holding time.	280-3642-1_V_DUSR Report.xlsm
PZ-141	5/18/2010	Primary	Diesel Range Organics (C8-C11)	0.075	mg/L	U	UJ	V	Prepared or analyzed outside of holding time.	280-3642-1_V_DUSR Report.xlsm
PZ-141	5/18/2010	Primary	Diesel Range Organics (C21-C30)	0.031	mg/L	U	UJ	V	Prepared or analyzed outside of holding time.	280-3642-1_V_DUSR Report.xlsm
PZ-141	5/18/2010	Primary	bis(2-Ethylhexyl) phthalate	2.3	ug/L	J	U	V	Reported result is less than 5X or 10X the associated field blank times the dilution factor.	280-3642-1_V_DUSR Report.xlsm
PZ-141	5/18/2010	Primary	Diesel Range Organics (C15-C20)	0.031	mg/L	U	UJ	V	Prepared or analyzed outside of holding time.	280-3642-1_V_DUSR Report.xlsm
PZ-141	5/18/2010	Primary	Diesel Range Organics (C12-C14)	0.031	mg/L	U	UJ	V	Prepared or analyzed outside of holding time.	280-3642-1_V_DUSR Report.xlsm
PZ-144	5/17/2010	Primary	Diesel Range Organics (C21-C30)	0.031	mg/L	U	UJ	V	Prepared or analyzed outside of holding time.	280-3593-1_V_DUSR Report.xlsm
PZ-144	5/17/2010	Primary	Diesel Range Organics (C8-C30)	0.074	mg/L	U	UJ	V	Prepared or analyzed outside of holding time.	280-3593-1_V_DUSR Report.xlsm
PZ-144	5/17/2010	Primary	Diesel Range Organics (C12-C14)	0.031	mg/L	U	UJ	V	Prepared or analyzed outside of holding time.	280-3593-1_V_DUSR Report.xlsm
PZ-144	5/17/2010	Primary	Diesel Range Organics (C8-C11)	0.074	mg/L	U	UJ	V	Prepared or analyzed outside of holding time.	280-3593-1_V_DUSR Report.xlsm
PZ-144	5/17/2010	Primary	Formaldehyde	19	ug/L	JB	U	V	Reported result is less than 5X or 10X the associated method blank times the dilution factor.	280-3593-1_V_DUSR Report.xlsm
PZ-144	5/17/2010	Primary	Diesel Range Organics (C15-C20)	0.031	mg/L	U	UJ	V	Prepared or analyzed outside of holding time.	280-3593-1_V_DUSR Report.xlsm
PZ-149	5/19/2010	Primary	Aroclor 1260	0.15	ug/L	U	UJ	V	Surrogate recovery outside acceptance criteria.	280-3682-1_V_DUSR Report.xlsm
PZ-149	5/19/2010	Primary	Aroclor 1248	0.087	ug/L	U	UJ	V	Surrogate recovery outside acceptance criteria.	280-3682-1_V_DUSR Report.xlsm
PZ-149	5/19/2010	Primary	Aroclor 1242	0.098	ug/L	U	UJ	V	Surrogate recovery outside acceptance criteria.	280-3682-1_V_DUSR Report.xlsm
PZ-149	5/19/2010	Primary	bis(2-Ethylhexyl) phthalate	10	ug/L	JB	U	V	Reported result is less than 5X or 10X the associated method blank times the dilution factor.	280-3682-1_V_DUSR Report.xlsm
PZ-149	5/19/2010	Primary	Aroclor 1254	0.11	ug/L	U	UJ	V	Surrogate recovery outside acceptance criteria.	280-3682-1_V_DUSR Report.xlsm

See Table VI for notes and abbreviations.

TABLE A-III
SUMMARY OF SECOND QUARTER 2010 DATA QUALIFICATION
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well ID	Date	Sample Type	Constituent	Result	Units	Qualifier Code		Validation Level	Validation Notes	Data Usability Summary Report
						Lab	Project			
PZ-154	5/19/2010	Primary	bis(2-Ethylhexyl) phthalate	3	ug/L	JB	U	V	Reported result is less than 5X or 10X the associated method blank times the dilution factor.	280-3682-1_V_DUSR Report.xlsm
PZ-155	5/18/2010	Primary	Formaldehyde	16	ug/L	JB	U	V	Reported result is less than 5X or 10X the associated method blank times the dilution factor.	280-3642-1_V_DUSR Report.xlsm
PZ-155	5/18/2010	Primary	Diesel Range Organics (C8-C11)	0.074	mg/L	U	UJ	V	Prepared or analyzed outside of holding time.	280-3642-1_V_DUSR Report.xlsm
PZ-155	5/18/2010	Primary	Diesel Range Organics (C8-C30)	1.1	mg/L		J	V	Prepared or analyzed outside of holding time.	280-3642-1_V_DUSR Report.xlsm
PZ-155	5/18/2010	Primary	Diesel Range Organics (C15-C20)	0.73	mg/L		J	V	Prepared or analyzed outside of holding time.	280-3642-1_V_DUSR Report.xlsm
PZ-155	5/18/2010	Primary	Diesel Range Organics (C12-C14)	0.27	mg/L		J	V	Prepared or analyzed outside of holding time.	280-3642-1_V_DUSR Report.xlsm
PZ-155	5/19/2010	Primary	Fluoride	0.41	mg/L	J	U	V	Reported result is less than 5X or 10X the associated field blank times the dilution factor.	280-3682-1_V_DUSR Report.xlsm
PZ-155	5/19/2010	Primary	Silver, Dissolved	0.000037	mg/L	J	U	V	Reported result is less than 5X or 10X the associated field blank times the dilution factor.	280-3682-1_V_DUSR Report.xlsm
PZ-155	5/19/2010	Primary	Antimony, Dissolved	0.00031	mg/L	J	U	V	Reported result is less than 5X or 10X the associated field blank times the dilution factor.	280-3682-1_V_DUSR Report.xlsm
PZ-155	5/19/2010	Primary	bis(2-Ethylhexyl) phthalate	19	ug/L	JB	U	V	Reported result is less than 5X or 10X the associated method blank times the dilution factor.	280-3682-1_V_DUSR Report.xlsm
PZ-155	5/19/2010	Primary	Cobalt, Dissolved	0.00064	mg/L	JB	U	V	Reported result is less than 5X or 10X the associated method blank times the dilution factor.	280-3682-1_V_DUSR Report.xlsm
PZ-158	5/12/2010	Primary	Acetone	2.4	ug/L	J	U	V	Reported result is less than 5X or 10X the associated field blank times the dilution factor.	280-3454-1_V_DUSR Report.xlsm
PZ-158	5/12/2010	Primary	Fluoride	0.45	mg/L	J	U	V	Reported result is less than 5X or 10X the associated field blank times the dilution factor.	280-3454-1_V_DUSR Report.xlsm
PZ-158	5/12/2010	Primary	Mercury, Dissolved	0.000027	mg/L	J	U	V	Reported result is less than 5X or 10X the associated method blank times the dilution factor.	280-3454-1_V_DUSR Report.xlsm
PZ-158	5/12/2010	Primary	Antimony, Dissolved	0.00038	mg/L	J	U	V	Reported result is less than 5X or 10X the associated field blank times the dilution factor.	280-3454-1_V_DUSR Report.xlsm
PZ-158	5/12/2010	Primary	Formaldehyde	25	ug/L	JB	U	V	Reported result is less than 5X or 10X the associated method blank times the dilution factor.	280-3454-1_V_DUSR Report.xlsm
PZ-158	5/12/2010	Primary	Di-n-octyl phthalate	1.9	ug/L	JB	U	V	Reported result is less than 5X or 10X the associated method blank times the dilution factor.	280-3454-1_V_DUSR Report.xlsm
PZ-158	5/12/2010	Primary	Diethyl phthalate	0.71	ug/L	JB	U	V	Reported result is less than 5X or 10X the associated method blank times the dilution factor.	280-3454-1_V_DUSR Report.xlsm

See Table VI for notes and abbreviations.

TABLE A-III
SUMMARY OF SECOND QUARTER 2010 DATA QUALIFICATION
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well ID	Date	Sample Type	Constituent	Result	Units	Qualifier Code		Validation Level	Validation Notes	Data Usability Summary Report
						Lab	Project			
PZ-159	5/20/2010	Primary	Diesel Range Organics (C12-C14)	0.03	mg/L	U	UJ	V	Prepared or analyzed outside of holding time.	280-3721-1_V_DUSR Report.xlsm
PZ-159	5/20/2010	Primary	Diesel Range Organics (C8-C30)	0.074	mg/L	U	UJ	V	Prepared or analyzed outside of holding time.	280-3721-1_V_DUSR Report.xlsm
PZ-159	5/20/2010	Primary	Diesel Range Organics (C8-C11)	0.073	mg/L	U	UJ	V	Prepared or analyzed outside of holding time.	280-3721-1_V_DUSR Report.xlsm
PZ-159	5/20/2010	Primary	Diesel Range Organics (C21-C30)	0.03	mg/L	U	UJ	V	Prepared or analyzed outside of holding time.	280-3721-1_V_DUSR Report.xlsm
PZ-159	5/20/2010	Primary	bis(2-Ethylhexyl) phthalate	2.9	ug/L	JB	U	V	Reported result is less than 5X or 10X the associated method blank times the dilution factor.	280-3721-1_V_DUSR Report.xlsm
PZ-159	5/20/2010	Primary	Fluoride	0.43	mg/L	J	U	V	Reported result is less than 5X or 10X the associated field blank times the dilution factor.	280-3721-1_V_DUSR Report.xlsm
PZ-159	5/20/2010	Primary	Gasoline Range Organics (C6-C12)	7.1	ug/L	JB	U	V	Reported result is less than 5X or 10X the associated method blank times the dilution factor.	280-3721-1_V_DUSR Report.xlsm
PZ-159	5/20/2010	Primary	Antimony, Dissolved	0.00025	mg/L	J	U	V	Reported result is less than 5X or 10X the associated field blank times the dilution factor.	280-3721-1_V_DUSR Report.xlsm
PZ-159	5/20/2010	Duplicate	Gasoline Range Organics (C6-C12)	41	ug/L	JB	U	V	Reported result is less than 5X or 10X the associated field blank times the dilution factor.	280-3721-1_V_DUSR Report.xlsm
PZ-160	5/6/2010	Primary	Methylene chloride	0.48	ug/L	J	U	IV	Reported result is less than 5X or 10X the associated trip blank times the dilution factor.	280-3278-1_IV_DUSR Report.xlsm
PZ-160	5/6/2010	Primary	Silver	0.000049	mg/L	J	U	V	Reported result is less than 5X or 10X the associated field blank times the dilution factor.	280-3278-1_V_DUSR Report.xlsm
PZ-160	5/6/2010	Primary	Antimony	0.00026	mg/L	J	U	V	Reported result is less than 5X or 10X the associated field blank times the dilution factor.	280-3278-1_V_DUSR Report.xlsm
PZ-160	5/6/2010	Primary	Manganese	0.0084	mg/L	JB	U	IV	Reported result is less than 5X or 10X the associated method blank times the dilution factor.	280-3278-1_IV_DUSR Report.xlsm
PZ-160	5/6/2010	Primary	2-Hexanone	1.7	ug/L	U	UJ	IV	Continuing calibration verification outside acceptance criteria.	280-3278-1_IV_DUSR Report.xlsm
PZ-160	5/6/2010	Primary	bis(2-Ethylhexyl) phthalate	2.7	ug/L	J	U	IV	Reported result is less than 5X or 10X the associated field blank times the dilution factor.	280-3278-1_IV_DUSR Report.xlsm
PZ-160	5/6/2010	Primary	Methyl isobutyl ketone (MIBK)	0.98	ug/L	U	UJ	IV	Continuing calibration verification outside acceptance criteria.	280-3278-1_IV_DUSR Report.xlsm
RD-03	4/27/2010	Primary	Formaldehyde	28	ug/L	JB	U	V	Reported result is less than 5X or 10X the associated method blank times the dilution factor.	280-2888-1_V_DUSR Report.xlsm
RD-03	4/27/2010	Primary	pH	7.36	pH Units	HTV	J	V	Prepared or analyzed outside of holding time.	280-2888-1_V_DUSR Report.xlsm
RD-03	4/27/2010	Primary	1,4-Dioxane	0.39	ug/L	J	U	V	Reported result is less than 5X or 10X the associated field blank times the dilution factor.	280-2888-1_V_DUSR Report.xlsm

See Table VI for notes and abbreviations.

TABLE A-III
SUMMARY OF SECOND QUARTER 2010 DATA QUALIFICATION
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well ID	Date	Sample Type	Constituent	Result	Units	Qualifier Code		Validation Level	Validation Notes	Data Usability Summary Report
						Lab	Project			
RD-03	4/27/2010	Primary	Fluoride	0.39	mg/L	J	U	V	Reported result is less than 5X or 10X the associated field blank times the dilution factor.	280-2888-1_V_DUSR Report.xlsm
RD-03	4/27/2010	Primary	bis(2-Ethylhexyl) phthalate	1.8	ug/L	J	U	V	Reported result is less than 5X or 10X the associated field blank times the dilution factor.	280-2888-1_V_DUSR Report.xlsm
RD-03	4/27/2010	Duplicate	pH	7.33	pH Units	HTV	J	V	Prepared or analyzed outside of holding time.	280-2888-1_V_DUSR Report.xlsm
RD-03	4/27/2010	Duplicate	Fluoride	0.4	mg/L	J	U	V	Reported result is less than 5X or 10X the associated field blank times the dilution factor.	280-2888-1_V_DUSR Report.xlsm
RD-03	4/27/2010	Duplicate	1,4-Dioxane	0.27	ug/L	J	U	V	Reported result is less than 5X or 10X the associated field blank times the dilution factor.	280-2888-1_V_DUSR Report.xlsm
RD-05A	4/21/2010	Primary	Fluoride	0.15	mg/L	J	U	V	Reported result is less than 5X or 10X the associated field blank times the dilution factor.	280-2643-1_V_DUSR Report.xlsm
RD-05A	4/21/2010	Primary	Formaldehyde	25	ug/L	JB	U	V	Reported result is less than 5X or 10X the associated method blank times the dilution factor.	280-2643-1_V_DUSR Report.xlsm
RD-05B	5/6/2010	Primary	pH	8.93	pH Units	HTV	J	V	Prepared or analyzed outside of holding time.	280-3278-1_V_DUSR Report.xlsm
RD-05B	5/6/2010	Primary	Methylene chloride	0.48	ug/L	J	U	V	Reported result is less than 5X or 10X the associated trip blank times the dilution factor.	280-3278-1_V_DUSR Report.xlsm
RD-05B	5/6/2010	Primary	Formaldehyde	20	ug/L	JB	U	V	Reported result is less than 5X or 10X the associated method blank times the dilution factor.	280-3278-1_V_DUSR Report.xlsm
RD-05B	5/6/2010	Primary	Fluoride	0.07	mg/L	J	U	V	Reported result is less than 5X or 10X the associated field blank times the dilution factor.	280-3278-1_V_DUSR Report.xlsm
RD-05C	4/21/2010	Primary	Formaldehyde	31	ug/L	JB	U	V	Reported result is less than 5X or 10X the associated method blank times the dilution factor.	280-2643-1_V_DUSR Report.xlsm
RD-05C	4/21/2010	Primary	Fluoride	0.11	mg/L	J	U	V	Reported result is less than 5X or 10X the associated field blank times the dilution factor.	280-2643-1_V_DUSR Report.xlsm
RD-05C	4/21/2010	Primary	1,4-Dioxane	0.34	ug/L	JQC	U	V	Reported result is less than 5X or 10X the associated trip blank times the dilution factor.	280-2643-1_V_DUSR Report.xlsm
RD-06	4/27/2010	Primary	1,4-Dioxane	0.54	ug/L	JQC	U	V	Reported result is less than 5X or 10X the associated field blank times the dilution factor.	280-2888-1_V_DUSR Report.xlsm
RD-06	4/27/2010	Primary	Acetone	3.3	ug/L	J	U	V	Reported result is less than 5X or 10X the associated field blank times the dilution factor.	280-2888-1_V_DUSR Report.xlsm
RD-06	4/27/2010	Primary	pH	7.24	pH Units	HTV	J	V	Prepared or analyzed outside of holding time.	280-2888-1_V_DUSR Report.xlsm
RD-06	4/27/2010	Primary	Formaldehyde	30	ug/L	JB	U	V	Reported result is less than 5X or 10X the associated method blank times the dilution factor.	280-2888-1_V_DUSR Report.xlsm
RD-06	4/27/2010	Primary	Fluoride	0.64	mg/L		U	V	Reported result is less than 5X or 10X the associated field blank times the dilution factor.	280-2888-1_V_DUSR Report.xlsm
RD-08	4/20/2010	Primary	Antimony, Dissolved	0.0001	mg/L	J	U	V	Reported result is less than 5X or 10X the associated field blank times the dilution factor.	280-2576-1_V_DUSR Report.xlsm

See Table VI for notes and abbreviations.

TABLE A-III
SUMMARY OF SECOND QUARTER 2010 DATA QUALIFICATION
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well ID	Date	Sample Type	Constituent	Result	Units	Qualifier Code		Validation Level	Validation Notes	Data Usability Summary Report
						Lab	Project			
RD-08	4/20/2010	Primary	Cyanides	0.0059	mg/L	JB	U	V	Reported result is less than 5X or 10X the associated method blank times the dilution factor.	280-2576-1_V_DUSR Report.xlsm
RD-08	4/20/2010	Split	Octachlorodibenzo-p-dioxin	4.3	pg/L	J,Q,B	U	V	Reported result is less than 5X or 10X the associated method blank times the dilution factor.	ITD1903_V_DUSR Report.xlsm
RD-08	4/20/2010	Primary	Thallium, Dissolved	0.000074	mg/L	J	U	V	Reported result is less than 5X or 10X the associated method blank times the dilution factor.	280-2576-1_V_DUSR Report.xlsm
RD-08	4/20/2010	Split	1,2,3,4,7,8-Hexachlorodibenzofuran	1.5	pg/L	J,B	U	V	Reported result is less than 5X or 10X the associated method blank times the dilution factor.	ITD1903_V_DUSR Report.xlsm
RD-08	4/20/2010	Primary	Silver	0.000022	mg/L	J	U	V	Reported result is less than 5X or 10X the associated method blank times the dilution factor.	280-2576-1_V_DUSR Report.xlsm
RD-08	4/20/2010	Split	1,2,3,4,6,7,8-Heptachlorodibenzofuran	1.1	pg/L	J,Q,B	U	V	Reported result is less than 5X or 10X the associated method blank times the dilution factor.	ITD1903_V_DUSR Report.xlsm
RD-08	4/20/2010	Primary	Formaldehyde	32	ug/L	JB	U	V	Reported result is less than 5X or 10X the associated method blank times the dilution factor.	280-2576-1_V_DUSR Report.xlsm
RD-08	4/20/2010	Primary	Silver, Dissolved	0.000037	mg/L	J	U	V	Reported result is less than 5X or 10X the associated method blank times the dilution factor.	280-2576-1_V_DUSR Report.xlsm
RD-08	4/20/2010	Primary	Fluoride	0.32	mg/L	J	U	V	Reported result is less than 5X or 10X the associated field blank times the dilution factor.	280-2576-1_V_DUSR Report.xlsm
RD-08	4/20/2010	Primary	Trichloroethene	0.32	ug/L	J	U	V	Reported result is less than 5X or 10X the associated field blank times the dilution factor.	280-2576-1_V_DUSR Report.xlsm
RD-08	4/20/2010	Split	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	1.3	pg/L	J,B	U	V	Reported result is less than 5X or 10X the associated method blank times the dilution factor.	ITD1903_V_DUSR Report.xlsm
RD-08	4/20/2010	Primary	Thallium	0.000027	mg/L	J	U	V	Reported result is less than 5X or 10X the associated method blank times the dilution factor.	280-2576-1_V_DUSR Report.xlsm
RD-11	4/20/2010	Primary	Antimony, Dissolved	0.000096	mg/L	J	U	V	Reported result is less than 5X or 10X the associated field blank times the dilution factor.	280-2576-1_V_DUSR Report.xlsm
RD-11	4/20/2010	Primary	Antimony	0.000082	mg/L	J	U	V	Reported result is less than 5X or 10X the associated field blank times the dilution factor.	280-2576-1_V_DUSR Report.xlsm
RD-11	4/20/2010	Primary	Thallium, Dissolved	0.000031	mg/L	J	U	V	Reported result is less than 5X or 10X the associated method blank times the dilution factor.	280-2576-1_V_DUSR Report.xlsm
RD-11	4/20/2010	Primary	Formaldehyde	27	ug/L	JB	U	V	Reported result is less than 5X or 10X the associated method blank times the dilution factor.	280-2576-1_V_DUSR Report.xlsm
RD-11	4/20/2010	Primary	Thallium	0.000022	mg/L	J	U	V	Reported result is less than 5X or 10X the associated method blank times the dilution factor.	280-2576-1_V_DUSR Report.xlsm
RD-11	4/20/2010	Primary	Cyanides	0.0056	mg/L	JB	U	V	Reported result is less than 5X or 10X the associated method blank times the dilution factor.	280-2576-1_V_DUSR Report.xlsm

See Table VI for notes and abbreviations.

TABLE A-III
SUMMARY OF SECOND QUARTER 2010 DATA QUALIFICATION
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well ID	Date	Sample Type	Constituent	Result	Units	Qualifier Code		Validation Level	Validation Notes	Data Usability Summary Report
						Lab	Project			
RD-11	4/21/2010	Primary	bis(2-Ethylhexyl) phthalate	1.4	ug/L	J	U	V	Reported result is less than 5X or 10X the associated field blank times the dilution factor.	280-2643-1_V_DUSR Report.xlsm
RD-12	4/20/2010	Primary	Formaldehyde	37	ug/L	JB	U	V	Reported result is less than 5X or 10X the associated method blank times the dilution factor.	280-2576-1_V_DUSR Report.xlsm
RD-12	4/20/2010	Primary	Fluoride	0.46	mg/L	J	U	V	Reported result is less than 5X or 10X the associated field blank times the dilution factor.	280-2576-1_V_DUSR Report.xlsm
RD-12	4/20/2010	Primary	Cyanides	0.0049	mg/L	JB	U	V	Reported result is less than 5X or 10X the associated method blank times the dilution factor.	280-2576-1_V_DUSR Report.xlsm
RD-12	4/20/2010	Primary	Thallium, Dissolved	0.00004	mg/L	J	U	V	Reported result is less than 5X or 10X the associated method blank times the dilution factor.	280-2576-1_V_DUSR Report.xlsm
RD-12	4/20/2010	Primary	Silver	0.000029	mg/L	J	U	V	Reported result is less than 5X or 10X the associated method blank times the dilution factor.	280-2576-1_V_DUSR Report.xlsm
RD-12	4/20/2010	Primary	Silver, Dissolved	0.000041	mg/L	J	U	V	Reported result is less than 5X or 10X the associated method blank times the dilution factor.	280-2576-1_V_DUSR Report.xlsm
RD-12	4/20/2010	Primary	Fluoride	0.46	mg/L	J	U	V	Reported result is less than 5X or 10X the associated field blank times the dilution factor.	280-2576-1_V_DUSR Report.xlsm
RD-12	4/20/2010	Primary	Antimony	0.00012	mg/L	J	U	V	Reported result is less than 5X or 10X the associated field blank times the dilution factor.	280-2576-1_V_DUSR Report.xlsm
RD-12	4/20/2010	Primary	Antimony, Dissolved	0.00017	mg/L	J	U	V	Reported result is less than 5X or 10X the associated field blank times the dilution factor.	280-2576-1_V_DUSR Report.xlsm
RD-12	4/20/2010	Primary	Thallium	0.000023	mg/L	J	U	V	Reported result is less than 5X or 10X the associated method blank times the dilution factor.	280-2576-1_V_DUSR Report.xlsm
RD-12	4/20/2010	Primary	1,4-Dioxane	1	ug/L	J	U	V	Reported result is less than 5X or 10X the associated trip blank times the dilution factor.	280-2576-1_V_DUSR Report.xlsm
RD-36B	4/23/2010	Primary	Chloroform	0.31	ug/L	J	U	V	Reported result is less than 5X or 10X the associated field blank times the dilution factor.	280-2780-1_V_DUSR Report.xlsm
RD-36B	4/23/2010	Primary	Formaldehyde	22	ug/L	JB	U	V	Reported result is less than 5X or 10X the associated method blank times the dilution factor.	280-2780-1_V_DUSR Report.xlsm
RD-36B	4/23/2010	Primary	bis(2-Ethylhexyl) phthalate	3.9	ug/L	JB	U	V	Reported result is less than 5X or 10X the associated method blank times the dilution factor.	280-2780-1_V_DUSR Report.xlsm
RD-36B	4/23/2010	Primary	Fluoride	0.13	mg/L	J	U	V	Reported result is less than 5X or 10X the associated field blank times the dilution factor.	280-2780-1_V_DUSR Report.xlsm
RD-36B	4/23/2010	Duplicate	Fluoride	0.14	mg/L	J	U	V	Reported result is less than 5X or 10X the associated field blank times the dilution factor.	280-2780-1_V_DUSR Report.xlsm
RD-36C	5/5/2010	Primary	Formaldehyde	29	ug/L	JB	U	V	Reported result is less than 5X or 10X the associated method blank times the dilution factor.	280-3221-1_V_DUSR Report.xlsm

See Table VI for notes and abbreviations.

TABLE A-III
SUMMARY OF SECOND QUARTER 2010 DATA QUALIFICATION
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well ID	Date	Sample Type	Constituent	Result	Units	Qualifier Code		Validation Level	Validation Notes	Data Usability Summary Report
						Lab	Project			
RD-36C	5/5/2010	Primary	Methylene chloride	0.66	ug/L	J	U	V	Reported result is less than 5X or 10X the associated field blank times the dilution factor.	280-3221-1_V_DUSR Report.xlsm
RD-36C	5/5/2010	Primary	bis(2-Ethylhexyl) phthalate	37	ug/L	J	U	V	Reported result is less than 5X or 10X the associated field blank times the dilution factor.	280-3221-1_V_DUSR Report.xlsm
RD-36C	5/5/2010	Split	Methylene chloride	2.3	ug/L	J	U	V	Reported result is less than 5X or 10X the associated trip blank times the dilution factor.	ITE0476_V_DUSR Report.xlsm
RD-36C	5/5/2010	Primary	Fluoride	0.11	mg/L	J	U	V	Reported result is less than 5X or 10X the associated field blank times the dilution factor.	280-3221-1_V_DUSR Report.xlsm
RD-36C	5/5/2010	Duplicate	Methylene chloride	0.53	ug/L	J	U	V	Reported result is less than 5X or 10X the associated field blank times the dilution factor.	280-3221-1_V_DUSR Report.xlsm
RD-36D	5/4/2010	Primary	bis(2-Ethylhexyl) phthalate	2.6	ug/L	J	U	V	Reported result is less than 5X or 10X the associated field blank times the dilution factor.	280-3161-1_V_DUSR Report.xlsm
RD-36D	5/4/2010	Primary	Formaldehyde	28	ug/L	JB	U	V	Reported result is less than 5X or 10X the associated method blank times the dilution factor.	280-3161-1_V_DUSR Report.xlsm
RD-37	5/5/2010	Split	Formaldehyde	20.5	ug/L		U	V	Reported result is less than 5X or 10X the associated method blank times the dilution factor.	ITE0476_V_DUSR Report.xlsm
RD-37	5/5/2010	Primary	Methylene chloride	0.44	ug/L	J	U	V	Reported result is less than 5X or 10X the associated field blank times the dilution factor.	280-3221-1_V_DUSR Report.xlsm
RD-37	5/5/2010	Primary	1,4-Dioxane	0.72	ug/L	J	U	V	Reported result is less than 5X or 10X the associated field blank times the dilution factor.	280-3221-1_V_DUSR Report.xlsm
RD-37	5/5/2010	Primary	Formaldehyde	30	ug/L	JB	U	V	Reported result is less than 5X or 10X the associated method blank times the dilution factor.	280-3221-1_V_DUSR Report.xlsm
RD-37	5/5/2010	Duplicate	Formaldehyde	22	ug/L	JB	U	V	Reported result is less than 5X or 10X the associated method blank times the dilution factor.	280-3221-1_V_DUSR Report.xlsm
RD-38B	4/29/2010	Primary	Fluoride	0.29	mg/L	J	U	V	Reported result is less than 5X or 10X the associated field blank times the dilution factor.	280-3013-1_V_DUSR Report.xlsm
RD-38B	4/29/2010	Primary	pH	7.41	pH Units	HTV	J	V	Prepared or analyzed outside of holding time.	280-3013-1_V_DUSR Report.xlsm
RD-38B	4/29/2010	Primary	Formaldehyde	24	ug/L	JB	U	V	Reported result is less than 5X or 10X the associated method blank times the dilution factor.	280-3013-1_V_DUSR Report.xlsm
RD-38B	4/29/2010	Primary	Methylene chloride	0.87	ug/L	JB	U	V	Reported result is less than 5X or 10X the associated method blank times the dilution factor.	280-3013-1_V_DUSR Report.xlsm
RD-38B	4/29/2010	Primary	Acetone	3.2	ug/L	J	U	V	Reported result is less than 5X or 10X the associated field blank times the dilution factor.	280-3013-1_V_DUSR Report.xlsm
RD-38B	4/29/2010	Primary	bis(2-Ethylhexyl) phthalate	3.4	ug/L	JB	U	V	Reported result is less than 5X or 10X the associated method blank times the dilution factor.	280-3013-1_V_DUSR Report.xlsm
RD-39B	5/11/2010	Primary	Formaldehyde	39	ug/L	JB	U	V	Reported result is less than 5X or 10X the associated method blank times the dilution factor.	280-3410-1_V_DUSR Report.xlsm

See Table VI for notes and abbreviations.

TABLE A-III
SUMMARY OF SECOND QUARTER 2010 DATA QUALIFICATION
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well ID	Date	Sample Type	Constituent	Result	Units	Qualifier Code		Validation Level	Validation Notes	Data Usability Summary Report
						Lab	Project			
RD-39B	5/11/2010	Primary	bis(2-Ethylhexyl) phthalate	2.8	ug/L	J	U	V	Reported result is less than 5X or 10X the associated field blank times the dilution factor.	280-3410-1_V_DUSR Report.xlsm
RD-39B	5/11/2010	Primary	Fluoride	0.13	mg/L	J	U	V	Reported result is less than 5X or 10X the associated field blank times the dilution factor.	280-3410-1_V_DUSR Report.xlsm
RD-39B	5/11/2010	Primary	pH	7.85	pH Units	HTV	J	V	Prepared or analyzed outside of holding time.	280-3410-1_V_DUSR Report.xlsm
RD-39B	5/11/2010	Primary	Hydrazine	2.5	ug/L	J	U	V	Reported result is less than 5X or 10X the associated field blank times the dilution factor.	280-3410-1_V_DUSR Report.xlsm
RD-39B	5/11/2010	Primary	Acetone	2.4	ug/L	J	U	V	Reported result is less than 5X or 10X the associated trip blank times the dilution factor.	280-3410-1_V_DUSR Report.xlsm
RD-39B	5/11/2010	Primary	Methylene chloride	0.44	ug/L	JB	U	V	Reported result is less than 5X or 10X the associated method blank times the dilution factor.	280-3410-1_V_DUSR Report.xlsm
RD-41A	5/11/2010	Primary	Formaldehyde	25	ug/L	JB	U	V	Reported result is less than 5X or 10X the associated method blank times the dilution factor.	280-3410-1_V_DUSR Report.xlsm
RD-41A	5/11/2010	Primary	Methylene chloride	0.41	ug/L	JB	U	V	Reported result is less than 5X or 10X the associated method blank times the dilution factor.	280-3410-1_V_DUSR Report.xlsm
RD-41A	5/11/2010	Primary	Potassium	4.2	mg/L	JB	J	V	Reported result is greater than 5X or 10X the associated method blank times the dilution factor.	280-3410-1_V_DUSR Report.xlsm
RD-41A	5/11/2010	Primary	Potassium, Dissolved	3.9	mg/L	J	U	V	Reported result is less than 5X or 10X the associated method blank times the dilution factor.	280-3410-1_V_DUSR Report.xlsm
RD-41A	5/11/2010	Primary	pH	7.07	pH Units	HTV	J	V	Prepared or analyzed outside of holding time.	280-3410-1_V_DUSR Report.xlsm
RD-41A	5/11/2010	Primary	Fluoride	0.34	mg/L	J	U	V	Reported result is less than 5X or 10X the associated field blank times the dilution factor.	280-3410-1_V_DUSR Report.xlsm
RD-43A	4/23/2010	Primary	Fluoride	0.36	mg/L	J	U	V	Reported result is less than 5X or 10X the associated field blank times the dilution factor.	280-2780-1_V_DUSR Report.xlsm
RD-43A	4/23/2010	Primary	bis(2-Ethylhexyl) phthalate	9.3	ug/L	JB	U	V	Reported result is less than 5X or 10X the associated method blank times the dilution factor.	280-2780-1_V_DUSR Report.xlsm
RD-43A	4/23/2010	Primary	Formaldehyde	24	ug/L	JB	U	V	Reported result is less than 5X or 10X the associated method blank times the dilution factor.	280-2780-1_V_DUSR Report.xlsm
RD-43B	4/29/2010	Primary	Fluoride	0.3	mg/L	J	U	V	Reported result is less than 5X or 10X the associated field blank times the dilution factor.	280-3013-1_V_DUSR Report.xlsm
RD-43B	4/29/2010	Primary	Acetone	2.5	ug/L	J	U	V	Reported result is less than 5X or 10X the associated field blank times the dilution factor.	280-3013-1_V_DUSR Report.xlsm
RD-43B	4/29/2010	Primary	bis(2-Ethylhexyl) phthalate	2.7	ug/L	JB	U	V	Reported result is less than 5X or 10X the associated method blank times the dilution factor.	280-3013-1_V_DUSR Report.xlsm
RD-43B	4/29/2010	Primary	Methylene chloride	0.82	ug/L	JB	U	V	Reported result is less than 5X or 10X the associated method blank times the dilution factor.	280-3013-1_V_DUSR Report.xlsm

See Table VI for notes and abbreviations.

TABLE A-III
SUMMARY OF SECOND QUARTER 2010 DATA QUALIFICATION
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well ID	Date	Sample Type	Constituent	Result	Units	Qualifier Code		Validation Level	Validation Notes	Data Usability Summary Report
						Lab	Project			
RD-43B	4/29/2010	Primary	Formaldehyde	22	ug/L	JB	U	V	Reported result is less than 5X or 10X the associated method blank times the dilution factor.	280-3013-1_V_DUSR Report.xlsm
RD-43B	4/29/2010	Primary	pH	7.54	pH Units	HTV	J	V	Prepared or analyzed outside of holding time.	280-3013-1_V_DUSR Report.xlsm
RD-43C	5/7/2010	Primary	bis(2-Ethylhexyl) phthalate	1.2	ug/L	J	U	V	Reported result is less than 5X or 10X the associated field blank times the dilution factor.	280-3314-1_V_DUSR Report.xlsm
RD-43C	5/7/2010	Primary	Fluoride	0.31	mg/L	J	U	V	Reported result is less than 5X or 10X the associated field blank times the dilution factor.	280-3314-1_V_DUSR Report.xlsm
RD-43C	5/7/2010	Primary	Methylene chloride	6.7	ug/L		U	V	Reported result is less than 5X or 10X the associated trip blank times the dilution factor.	280-3314-1_V_DUSR Report.xlsm
RD-43C	5/7/2010	Primary	Formaldehyde	27	ug/L	JB	U	V	Reported result is less than 5X or 10X the associated method blank times the dilution factor.	280-331401_V_DUSR Report.xlsm
RD-45B	5/4/2010	Primary	Fluoride	0.2	mg/L	J	U	V	Reported result is less than 5X or 10X the associated field blank times the dilution factor.	280-3161-1_V_DUSR Report.xlsm
RD-45B	5/4/2010	Primary	bis(2-Ethylhexyl) phthalate	2.2	ug/L	J	U	V	Reported result is less than 5X or 10X the associated field blank times the dilution factor.	280-3161-1_V_DUSR Report.xlsm
RD-45B	5/4/2010	Primary	Formaldehyde	32	ug/L	JB	U	V	Reported result is less than 5X or 10X the associated method blank times the dilution factor.	280-3161-1_V_DUSR Report.xlsm
RD-45C	5/4/2010	Primary	bis(2-Ethylhexyl) phthalate	2.3	ug/L	J	U	V	Reported result is less than 5X or 10X the associated field blank times the dilution factor.	280-3161-1_V_DUSR Report.xlsm
RD-45C	5/4/2010	Primary	Fluoride	0.3	mg/L	J	U	V	Reported result is less than 5X or 10X the associated field blank times the dilution factor.	280-3161-1_V_DUSR Report.xlsm
RD-45C	5/4/2010	Primary	Formaldehyde	24	ug/L	JB	U	V	Reported result is less than 5X or 10X the associated method blank times the dilution factor.	280-3161-1_V_DUSR Report.xlsm
RD-46A	5/10/2010	Primary	Fluoride	0.35	mg/L	J	U	V	Reported result is less than 5X or 10X the associated field blank times the dilution factor.	280-3351-1_V_DUSR Report.xlsm
RD-46A	5/10/2010	Primary	Chloroform	4.9	ug/L		U	V	Reported result is less than 5X or 10X the associated field blank times the dilution factor.	280-3351-1_V_DUSR Report.xlsm
RD-46A	5/10/2010	Primary	bis(2-Ethylhexyl) phthalate	2.7	ug/L	J	U	V	Reported result is less than 5X or 10X the associated field blank times the dilution factor.	280-3351-1_V_DUSR Report.xlsm
RD-46A	5/10/2010	Primary	Methylene chloride	1.4	ug/L	J	U	V	Reported result is less than 5X or 10X the associated trip blank times the dilution factor.	280-3351-1_V_DUSR Report.xlsm
RD-46A	5/10/2010	Primary	Formaldehyde	16	ug/L	JB	U	V	Reported result is less than 5X or 10X the associated method blank times the dilution factor.	280-3351-1_V_DUSR Report.xlsm
RD-46B	5/10/2010	Primary	bis(2-Ethylhexyl) phthalate	2.4	ug/L	J	U	V	Reported result is less than 5X or 10X the associated field blank times the dilution factor.	280-3351-1_V_DUSR Report.xlsm
RD-46B	5/10/2010	Primary	Fluoride	0.15	mg/L	J	U	V	Reported result is less than 5X or 10X the associated field blank times the dilution factor.	280-3351-1_V_DUSR Report.xlsm

See Table VI for notes and abbreviations.

TABLE A-III
SUMMARY OF SECOND QUARTER 2010 DATA QUALIFICATION
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well ID	Date	Sample Type	Constituent	Result	Units	Qualifier Code		Validation Level	Validation Notes	Data Usability Summary Report
						Lab	Project			
RD-46B	5/10/2010	Primary	Formaldehyde	22	ug/L	JB	U	V	Reported result is less than 5X or 10X the associated method blank times the dilution factor.	280-3351-1_V_DUSR Report.xlsm
RD-48A	4/28/2010	Primary	Fluoride	0.28	mg/L	J	U	V	Reported result is less than 5X or 10X the associated field blank times the dilution factor.	280-2933-1_V_DUSR Report.xlsm
RD-48A	4/28/2010	Primary	Methylene chloride	0.45	ug/L	J	U	V	Reported result is less than 5X or 10X the associated trip blank times the dilution factor.	280-2933-1_V_DUSR Report.xlsm
RD-48A	4/28/2010	Primary	1,4-Dioxane	0.3	ug/L	J	U	V	Reported result is less than 5X or 10X the associated field blank times the dilution factor.	280-2933-1_V_DUSR Report.xlsm
RD-48A	4/28/2010	Primary	bis(2-Ethylhexyl) phthalate	46	ug/L	J	U	V	Reported result is less than 5X or 10X the associated field blank times the dilution factor.	280-2933-1_V_DUSR Report.xlsm
RD-48A	4/28/2010	Primary	Formaldehyde	22	ug/L	JB	U	V	Reported result is less than 5X or 10X the associated method blank times the dilution factor.	280-2933-1_V_DUSR Report.xlsm
RD-48B	4/28/2010	Primary	Methylene chloride	0.37	ug/L	J	U	V	Reported result is less than 5X or 10X the associated trip blank times the dilution factor.	280-2933-1_V_DUSR Report.xlsm
RD-48B	4/28/2010	Primary	Fluoride	0.24	mg/L	J	U	V	Reported result is less than 5X or 10X the associated field blank times the dilution factor.	280-2933-1_V_DUSR Report.xlsm
RD-48B	4/28/2010	Primary	Acetone	4.7	ug/L	J	U	V	Reported result is less than 5X or 10X the associated field blank times the dilution factor.	280-2933-1_V_DUSR Report.xlsm
RD-48B	4/28/2010	Primary	Formaldehyde	24	ug/L	JB	U	V	Reported result is less than 5X or 10X the associated method blank times the dilution factor.	280-2933-1_V_DUSR Report.xlsm
RD-48C	4/28/2010	Primary	1,4-Dioxane	0.21	ug/L	J	U	V	Reported result is less than 5X or 10X the associated field blank times the dilution factor.	280-2933-1_V_DUSR Report.xlsm
RD-48C	4/28/2010	Primary	bis(2-Ethylhexyl) phthalate	0.55	ug/L	J	U	V	Reported result is less than 5X or 10X the associated field blank times the dilution factor.	280-2933-1_V_DUSR Report.xlsm
RD-48C	4/28/2010	Primary	Methylene chloride	0.36	ug/L	J	U	V	Reported result is less than 5X or 10X the associated trip blank times the dilution factor.	280-2933-1_V_DUSR Report.xlsm
RD-48C	4/28/2010	Primary	Formaldehyde	28	ug/L	JB	U	V	Reported result is less than 5X or 10X the associated method blank times the dilution factor.	280-2933-1_V_DUSR Report.xlsm
RD-48C	4/28/2010	Primary	Fluoride	0.22	mg/L	J	U	V	Reported result is less than 5X or 10X the associated field blank times the dilution factor.	280-2933-1_V_DUSR Report.xlsm
RD-49A	5/10/2010	Primary	Fluoride	0.33	mg/L	J	U	V	Reported result is less than 5X or 10X the associated field blank times the dilution factor.	280-3351-1_V_DUSR Report.xlsm
RD-49A	5/10/2010	Primary	Formaldehyde	37	ug/L	JB	U	V	Reported result is less than 5X or 10X the associated method blank times the dilution factor.	280-3351-1_V_DUSR Report.xlsm
RD-49B	4/30/2010	Primary	Acetone	3.3	ug/L	J	U	V	Reported result is less than 5X or 10X the associated trip blank times the dilution factor.	280-3050-1_V_DUSR Report.xlsm
RD-49B	4/30/2010	Primary	pH	7.15	pH Units	HTV	J	V	Prepared or analyzed outside of holding time.	280-3050-1_V_DUSR Report.xlsm

See Table VI for notes and abbreviations.

TABLE A-III
SUMMARY OF SECOND QUARTER 2010 DATA QUALIFICATION
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well ID	Date	Sample Type	Constituent	Result	Units	Qualifier Code		Validation Level	Validation Notes	Data Usability Summary Report
						Lab	Project			
RD-49B	4/30/2010	Primary	Manganese	0.01	mg/L	JB	J	V	Reported result is greater than 5X or 10X the associated method blank times the dilution factor.	280-3050-1_V_DUSR Report.xlsm
RD-49B	4/30/2010	Primary	Formaldehyde	54	ug/L	B	U	V	Reported result is less than 5X or 10X the associated method blank times the dilution factor.	280-3109-1_V_DUSR Report.xlsm
RD-49B	4/30/2010	Primary	Fluoride	0.22	mg/L	J	U	V	Reported result is less than 5X or 10X the associated field blank times the dilution factor.	280-3050-1_V_DUSR Report.xlsm
RD-51A	5/11/2010	Primary	Formaldehyde	21	ug/L	JB	U	V	Reported result is less than 5X or 10X the associated method blank times the dilution factor.	280-3410-1_V_DUSR Report.xlsm
RD-51A	5/11/2010	Primary	pH	7.29	pH Units	HTV	J	V	Prepared or analyzed outside of holding time.	280-3410-1_V_DUSR Report.xlsm
RD-51A	5/11/2010	Primary	Fluoride	0.42	mg/L	J	U	V	Reported result is less than 5X or 10X the associated field blank times the dilution factor.	280-3410-1_V_DUSR Report.xlsm
RD-51A	5/11/2010	Primary	bis(2-Ethylhexyl) phthalate	2.3	ug/L	J	U	V	Reported result is less than 5X or 10X the associated field blank times the dilution factor.	280-3410-1_V_DUSR Report.xlsm
RD-51A	5/11/2010	Primary	Methylene chloride	0.41	ug/L	JB	U	V	Reported result is less than 5X or 10X the associated method blank times the dilution factor.	280-3410-1_V_DUSR Report.xlsm
RD-51B	5/3/2010	Primary	Formaldehyde	14	ug/L	JB	U	V	Reported result is less than 5X or 10X the associated method blank times the dilution factor.	280-3109-1_V_DUSR Report.xlsm
RD-51B	5/3/2010	Primary	Fluoride	0.27	mg/L	J	U	V	Reported result is less than 5X or 10X the associated field blank times the dilution factor.	280-3109-1_V_DUSR Report.xlsm
RD-51B	5/3/2010	Primary	bis(2-Ethylhexyl) phthalate	0.72	ug/L	J	U	V	Reported result is less than 5X or 10X the associated field blank times the dilution factor.	280-3109-1_V_DUSR Report.xlsm
RD-51B	5/3/2010	Primary	Acetone	5	ug/L	J	U	V	Reported result is less than 5X or 10X the associated trip blank times the dilution factor.	280-3109-1_V_DUSR Report.xlsm
RD-52A	5/13/2010	Primary	Acetone	11	ug/L	J	U	V	Reported result is less than 5X or 10X the associated field blank times the dilution factor.	280-3493-1_V_DUSR Report.xlsm
RD-52A	5/13/2010	Primary	Formaldehyde	28	ug/L	JB	U	V	Reported result is less than 5X or 10X the associated method blank times the dilution factor.	280-3493-1_V_DUSR Report.xlsm
RD-52A	5/13/2010	Primary	Fluoride	0.4	mg/L	J	U	V	Reported result is less than 5X or 10X the associated field blank times the dilution factor.	280-3493-1_V_DUSR Report.xlsm
RD-52A	5/13/2010	Primary	Diethyl phthalate	0.44	ug/L	JB	U	V	Reported result is less than 5X or 10X the associated method blank times the dilution factor.	280-3493-1_V_DUSR Report.xlsm
RD-52A	5/13/2010	Primary	pH	7.06	pH Units	HTV	J	V	Prepared or analyzed outside of holding time.	280-3493-1_V_DUSR Report.xlsm
RD-52B	4/28/2010	Primary	Formaldehyde	24	ug/L	JB	U	V	Reported result is less than 5X or 10X the associated method blank times the dilution factor.	280-2933-1_V_DUSR Report.xlsm
RD-52B	4/28/2010	Primary	Methylene chloride	0.45	ug/L	J	U	V	Reported result is less than 5X or 10X the associated trip blank times the dilution factor.	280-2933-1_V_DUSR Report.xlsm

See Table VI for notes and abbreviations.

TABLE A-III
SUMMARY OF SECOND QUARTER 2010 DATA QUALIFICATION
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well ID	Date	Sample Type	Constituent	Result	Units	Qualifier Code		Validation Level	Validation Notes	Data Usability Summary Report
						Lab	Project			
RD-52B	4/28/2010	Primary	Fluoride	0.16	mg/L	J	U	V	Reported result is less than 5X or 10X the associated field blank times the dilution factor.	280-2933-1_V_DUSR Report.xlsm
RD-52B	4/28/2010	Duplicate	Fluoride	0.16	mg/L	J	U	V	Reported result is less than 5X or 10X the associated field blank times the dilution factor.	280-2933-1_V_DUSR Report.xlsm
RD-52B	4/28/2010	Duplicate	Formaldehyde	31	ug/L	JB	U	V	Reported result is less than 5X or 10X the associated method blank times the dilution factor.	280-2933-1_V_DUSR Report.xlsm
RD-53	5/6/2010	Primary	Formaldehyde	14	ug/L	JB	U	V	Reported result is less than 5X or 10X the associated method blank times the dilution factor.	280-3278-1_V_DUSR Report.xlsm
RD-53	5/6/2010	Primary	bis(2-Ethylhexyl) phthalate	0.57	ug/L	J	U	V	Reported result is less than 5X or 10X the associated field blank times the dilution factor.	280-3278-1_V_DUSR Report.xlsm
RD-53	5/6/2010	Duplicate	pH	7.16	pH Units	HTV	J	V	Prepared or analyzed outside of holding time.	280-3278-1_V_DUSR Report.xlsm
RD-53	5/6/2010	Primary	Fluoride	0.16	mg/L	J	U	V	Reported result is less than 5X or 10X the associated field blank times the dilution factor.	280-3278-1_V_DUSR Report.xlsm
RD-53	5/6/2010	Duplicate	Fluoride	0.18	mg/L	J	U	V	Reported result is less than 5X or 10X the associated field blank times the dilution factor.	280-3278-1_V_DUSR Report.xlsm
RD-53	5/6/2010	Duplicate	Formaldehyde	15	ug/L	JB	U	V	Reported result is less than 5X or 10X the associated method blank times the dilution factor.	280-3278-1_V_DUSR Report.xlsm
RD-53	5/6/2010	Primary	Methylene chloride	0.32	ug/L	J	U	V	Reported result is less than 5X or 10X the associated trip blank times the dilution factor.	280-3278-1_V_DUSR Report.xlsm
RD-53	5/6/2010	Primary	pH	7.17	pH Units	HTV	J	V	Prepared or analyzed outside of holding time.	280-3278-1_V_DUSR Report.xlsm
RD-53	5/6/2010	Primary	Acetone	20	ug/L		U	V	Reported result is less than 5X or 10X the associated field blank times the dilution factor.	280-3278-1_V_DUSR Report.xlsm
RD-55A	5/12/2010	Primary	Fluoride	0.37	mg/L	J	U	V	Reported result is less than 5X or 10X the associated field blank times the dilution factor.	280-3454-1_V_DUSR Report.xlsm
RD-55A	5/12/2010	Primary	Formaldehyde	23	ug/L	JB	U	V	Reported result is less than 5X or 10X the associated method blank times the dilution factor.	280-3454-1_V_DUSR Report.xlsm
RD-55B	5/12/2010	Primary	Fluoride	0.54	mg/L		U	V	Reported result is less than 5X or 10X the associated field blank times the dilution factor.	280-3454-1_V_DUSR Report.xlsm
RD-55B	5/12/2010	Primary	Formaldehyde	25	ug/L	JB	U	V	Reported result is less than 5X or 10X the associated method blank times the dilution factor.	280-3454-1_V_DUSR Report.xlsm
RD-58A	5/6/2010	Primary	Methylene chloride	0.34	ug/L	J	U	V	Reported result is less than 5X or 10X the associated trip blank times the dilution factor.	280-3278-1_V_DUSR Report.xlsm
RD-58A	5/6/2010	Primary	Fluoride	0.39	mg/L	J	U	V	Reported result is less than 5X or 10X the associated field blank times the dilution factor.	280-3278-1_V_DUSR Report.xlsm
RD-58A	5/6/2010	Primary	pH	7.12	pH Units	HTV	J	V	Prepared or analyzed outside of holding time.	280-3278-1_V_DUSR Report.xlsm
RD-58A	5/6/2010	Primary	Formaldehyde	13	ug/L	JB	U	V	Reported result is less than 5X or 10X the associated method blank times the dilution factor.	280-3278-1_V_DUSR Report.xlsm

See Table VI for notes and abbreviations.

TABLE A-III
SUMMARY OF SECOND QUARTER 2010 DATA QUALIFICATION
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well ID	Date	Sample Type	Constituent	Result	Units	Qualifier Code		Validation Level	Validation Notes	Data Usability Summary Report
						Lab	Project			
RD-58B	5/6/2010	Primary	Formaldehyde	19	ug/L	JB	U	V	Reported result is less than 5X or 10X the associated method blank times the dilution factor.	280-3278-1_V_DUSR Report.xlsm
RD-58B	5/6/2010	Primary	Methylene chloride	0.36	ug/L	J	U	V	Reported result is less than 5X or 10X the associated trip blank times the dilution factor.	280-3278-1_V_DUSR Report.xlsm
RD-58B	5/6/2010	Primary	Fluoride	0.32	mg/L	J	U	V	Reported result is less than 5X or 10X the associated field blank times the dilution factor.	280-3278-1_V_DUSR Report.xlsm
RD-58B	5/6/2010	Primary	pH	7.54	pH Units	HTV	J	V	Prepared or analyzed outside of holding time.	280-3278-1_V_DUSR Report.xlsm
RD-58C	5/6/2010	Primary	pH	7.84	pH Units	HTV	J	V	Prepared or analyzed outside of holding time.	280-3278-1_V_DUSR Report.xlsm
RD-58C	5/6/2010	Primary	Formaldehyde	21	ug/L	JB	U	V	Reported result is less than 5X or 10X the associated method blank times the dilution factor.	280-3278-1_V_DUSR Report.xlsm
RD-58C	5/6/2010	Primary	Methylene chloride	0.38	ug/L	J	U	V	Reported result is less than 5X or 10X the associated trip blank times the dilution factor.	280-3278-1_V_DUSR Report.xlsm
RD-58C	5/6/2010	Primary	Fluoride	0.27	mg/L	J	U	V	Reported result is less than 5X or 10X the associated field blank times the dilution factor.	280-3278-1_V_DUSR Report.xlsm
RD-68A	5/10/2010	Primary	Formaldehyde	25	ug/L	JB	U	V	Reported result is less than 5X or 10X the associated method blank times the dilution factor.	280-3351-1_V_DUSR Report.xlsm
RD-68A	5/10/2010	Primary	Fluoride	0.23	mg/L	J	U	V	Reported result is less than 5X or 10X the associated field blank times the dilution factor.	280-3351-1_V_DUSR Report.xlsm
RD-68A	5/10/2010	Duplicate	Formaldehyde	26	ug/L	JB	U	V	Reported result is less than 5X or 10X the associated method blank times the dilution factor.	280-3351-1_V_DUSR Report.xlsm
RD-68B	5/10/2010	Primary	Formaldehyde	25	ug/L	JB	U	V	Reported result is less than 5X or 10X the associated method blank times the dilution factor.	280-3351-1_V_DUSR Report.xlsm
RD-68B	5/10/2010	Duplicate	Formaldehyde	21	ug/L	JB	U	V	Reported result is less than 5X or 10X the associated method blank times the dilution factor.	280-3351-1_V_DUSR Report.xlsm
RD-77	4/22/2010	Primary	Formaldehyde	22	ug/L	JB	U	V	Reported result is less than 5X or 10X the associated method blank times the dilution factor.	280-2700-1_V_DUSR Report.xlsm
RD-77	4/22/2010	Primary	bis(2-Ethylhexyl) phthalate	4.3	ug/L	J	U	V	Reported result is less than 5X or 10X the associated field blank times the dilution factor.	280-2700-1_V_DUSR Report.xlsm
RD-77	4/22/2010	Primary	Acetone	19	ug/L	U	UJ	IV	Continuing calibration verification outside acceptance criteria.	280-2700-1_IV_DUSR Report.xlsm
RD-77	4/22/2010	Primary	Methyl ethyl ketone	20	ug/L	U	UJ	IV	Continuing calibration verification outside acceptance criteria.	280-2700-1_IV_DUSR Report.xlsm
RD-77	4/22/2010	Primary	pH	6.94	pH Units	HTV	J	V	Prepared or analyzed outside of holding time.	280-2700-1_V_DUSR Report.xlsm
RD-77	4/22/2010	Primary	Fluoride	0.18	mg/L	J	U	V	Reported result is less than 5X or 10X the associated field blank times the dilution factor.	280-2700-1_V_DUSR Report.xlsm
RS-07	4/30/2010	Primary	bis(2-Ethylhexyl) phthalate	7.5	ug/L	JB	U	V	Reported result is less than 5X or 10X the associated method blank times the dilution factor.	280-3050-1_V_DUSR Report.xlsm

See Table VI for notes and abbreviations.

TABLE A-III
SUMMARY OF SECOND QUARTER 2010 DATA QUALIFICATION
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well ID	Date	Sample Type	Constituent	Result	Units	Qualifier Code		Validation Level	Validation Notes	Data Usability Summary Report
						Lab	Project			
RS-07	4/30/2010	Primary	Acetone	3.8	ug/L	J	U	V	Reported result is less than 5X or 10X the associated trip blank times the dilution factor.	280-3050-1_V_DUSR Report.xlsm
RS-07	5/3/2010	Primary	Formaldehyde	52	ug/L	B	U	V	Reported result is less than 5X or 10X the associated method blank times the dilution factor.	280-3109-1_V_DUSR Report.xlsm
RS-08	5/6/2010	Primary	bis(2-Ethylhexyl) phthalate	0.63	ug/L	J	U	V	Reported result is less than 5X or 10X the associated field blank times the dilution factor.	280-3278-1_V_DUSR Report.xlsm
RS-08	5/7/2010	Primary	Formaldehyde	19	ug/L	JB	U	V	Reported result is less than 5X or 10X the associated method blank times the dilution factor.	280-331401_V_DUSR Report.xlsm
RS-08	5/7/2010	Primary	Fluoride	0.33	mg/L	J	U	V	Reported result is less than 5X or 10X the associated field blank times the dilution factor.	280-3314-1_V_DUSR Report.xlsm
RS-08	5/7/2010	Primary	Cyanides	0.0039	mg/L	JB	U	V	Reported result is less than 5X or 10X the associated method blank times the dilution factor.	280-3314-1_V_DUSR Report.xlsm
SH-02	5/12/2010	Primary	Potassium, Dissolved	1.9	mg/L	J	U	V	Reported result is less than 5X or 10X the associated field blank times the dilution factor.	280-3454-1_V_DUSR Report.xlsm
SH-02	5/12/2010	Primary	Manganese, Dissolved	0.0016	mg/L	J	U	V	Reported result is less than 5X or 10X the associated field blank times the dilution factor.	280-3454-1_V_DUSR Report.xlsm
SH-02	5/12/2010	Primary	Acetone	2.5	ug/L	J	U	V	Reported result is less than 5X or 10X the associated field blank times the dilution factor.	280-3454-1_V_DUSR Report.xlsm
SH-02	5/12/2010	Primary	Potassium	2.2	mg/L	JB	U	V	Reported result is less than 5X or 10X the associated method blank times the dilution factor.	280-3454-1_V_DUSR Report.xlsm
SH-02	5/12/2010	Primary	Formaldehyde	20	ug/L	JB	U	V	Reported result is less than 5X or 10X the associated method blank times the dilution factor.	280-3454-1_V_DUSR Report.xlsm
SH-02	5/12/2010	Primary	Chloroform	30	ug/L		U	V	Reported result is less than 5X or 10X the associated field blank times the dilution factor.	280-3454-1_V_DUSR Report.xlsm
SH-03	5/6/2010	Primary	Formaldehyde	13	ug/L	JB	U	V	Reported result is less than 5X or 10X the associated method blank times the dilution factor.	280-3278-1_V_DUSR Report.xlsm
SH-03	5/6/2010	Primary	Potassium, Dissolved	1.9	mg/L	J	U	V	Reported result is less than 5X or 10X the associated field blank times the dilution factor.	280-3278-1_V_DUSR Report.xlsm
SH-03	5/6/2010	Primary	Methylene chloride	0.63	ug/L	J	U	V	Reported result is less than 5X or 10X the associated trip blank times the dilution factor.	280-3278-1_V_DUSR Report.xlsm
SH-03	5/6/2010	Primary	pH	6.95	pH Units	HTV	J	V	Prepared or analyzed outside of holding time.	280-3278-1_V_DUSR Report.xlsm
SH-03	5/6/2010	Primary	Methylene chloride	0.63	ug/L	J	U	V	Reported result is less than 5X or 10X the associated trip blank times the dilution factor.	280-3278-1_V_DUSR Report.xlsm
SH-03	5/6/2010	Primary	Chloroform	130	ug/L		U	V	Reported result is less than 5X or 10X the associated field blank times the dilution factor.	280-3278-1_V_DUSR Report.xlsm
SH-03	5/6/2010	Primary	Cyanides	0.0048	mg/L	JB	U	V	Reported result is less than 5X or 10X the associated method blank times the dilution factor.	280-3278-1_V_DUSR Report.xlsm

See Table VI for notes and abbreviations.

TABLE A-III
SUMMARY OF SECOND QUARTER 2010 DATA QUALIFICATION
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well ID	Date	Sample Type	Constituent	Result	Units	Qualifier Code		Validation Level	Validation Notes	Data Usability Summary Report
						Lab	Project			
SH-03	5/6/2010	Primary	Silver	0.000043	mg/L	J	U	V	Reported result is less than 5X or 10X the associated field blank times the dilution factor.	280-3278-1_V_DUSR Report.xlsm
SH-03	5/6/2010	Primary	Tin	0.044	mg/L	JB	U	V	Reported result is less than 5X or 10X the associated method blank times the dilution factor.	280-3278-1_V_DUSR Report.xlsm
SH-03	5/6/2010	Primary	Potassium	2.2	mg/L	J	U	V	Reported result is less than 5X or 10X the associated field blank times the dilution factor.	280-3278-1_V_DUSR Report.xlsm
SH-03	5/6/2010	Primary	Silver, Dissolved	0.000031	mg/L	J	U	V	Reported result is less than 5X or 10X the associated field blank times the dilution factor.	280-3278-1_V_DUSR Report.xlsm
SH-03	5/6/2010	Primary	Antimony, Dissolved	0.00019	mg/L	J	U	V	Reported result is less than 5X or 10X the associated field blank times the dilution factor.	280-3278-1_V_DUSR Report.xlsm
SH-04	5/4/2010	Primary	bis(2-Ethylhexyl) phthalate	17	ug/L	J	U	V	Reported result is less than 5X or 10X the associated field blank times the dilution factor.	280-3161-1_V_DUSR Report.xlsm
SH-04	5/4/2010	Primary	Formaldehyde	25	ug/L	JB	U	V	Reported result is less than 5X or 10X the associated method blank times the dilution factor.	280-3161-1_V_DUSR Report.xlsm
SH-04	5/5/2010	Primary	Antimony, Dissolved	0.0006	mg/L	JB	U	V	Reported result is less than 5X or 10X the associated method blank times the dilution factor.	280-3221-1_V_DUSR Report.xlsm
SH-04	5/5/2010	Primary	Antimony	0.00063	mg/L	J	U	V	Reported result is less than 5X or 10X the associated field blank times the dilution factor.	280-3221-1_V_DUSR Report.xlsm
SH-04	5/5/2010	Primary	Silver	0.000052	mg/L	J	U	V	Reported result is less than 5X or 10X the associated field blank times the dilution factor.	280-3221-1_V_DUSR Report.xlsm
SH-04	5/5/2010	Primary	Cyanides	0.0041	mg/L	JB	U	V	Reported result is less than 5X or 10X the associated method blank times the dilution factor.	280-3221-1_V_DUSR Report.xlsm
SH-04	5/5/2010	Primary	Silver, Dissolved	0.000047	mg/L	J	U	V	Reported result is less than 5X or 10X the associated field blank times the dilution factor.	280-3221-1_V_DUSR Report.xlsm
SH-07	5/7/2010	Primary	Methylene chloride	6.2	ug/L		U	V	Reported result is less than 5X or 10X the associated trip blank times the dilution factor.	280-3314-1_V_DUSR Report.xlsm
SH-07	5/7/2010	Primary	Formaldehyde	22	ug/L	JB	U	V	Reported result is less than 5X or 10X the associated method blank times the dilution factor.	280-331401_V_DUSR Report.xlsm
SH-07	5/7/2010	Primary	Potassium, Dissolved	0.78	mg/L	J	U	V	Reported result is less than 5X or 10X the associated field blank times the dilution factor.	280-3314-1_V_DUSR Report.xlsm
SH-07	5/7/2010	Primary	Manganese, Dissolved	0.00032	mg/L	J	U	V	Reported result is less than 5X or 10X the associated field blank times the dilution factor.	280-3314-1_V_DUSR Report.xlsm
SH-07	5/7/2010	Primary	Fluoride	0.42	mg/L	J	U	V	Reported result is less than 5X or 10X the associated field blank times the dilution factor.	280-3314-1_V_DUSR Report.xlsm
SH-07	5/7/2010	Primary	Potassium	0.89	mg/L	J	U	V	Reported result is less than 5X or 10X the associated field blank times the dilution factor.	280-3314-1_V_DUSR Report.xlsm

See Table VI for notes and abbreviations.

TABLE A-III
SUMMARY OF SECOND QUARTER 2010 DATA QUALIFICATION
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well ID	Date	Sample Type	Constituent	Result	Units	Qualifier Code		Validation Level	Validation Notes	Data Usability Summary Report
						Lab	Project			
SH-07	5/7/2010	Primary	Chloroform	0.5	ug/L	J	U	V	Reported result is less than 5X or 10X the associated field blank times the dilution factor.	280-3314-1_V_DUSR Report.xlsm
SH-07	5/7/2010	Primary	Manganese	0.0021	mg/L	JB	U	V	Reported result is less than 5X or 10X the associated method blank times the dilution factor.	280-3314-1_V_DUSR Report.xlsm
SH-09	5/5/2010	Primary	Methylene chloride	0.4	ug/L	J	U	V	Reported result is less than 5X or 10X the associated field blank times the dilution factor.	280-3221-1_V_DUSR Report.xlsm
SH-09	5/5/2010	Primary	Formaldehyde	18	ug/L	JB	U	V	Reported result is less than 5X or 10X the associated method blank times the dilution factor.	280-3221-1_V_DUSR Report.xlsm
SH-09	5/5/2010	Primary	bis(2-Ethylhexyl) phthalate	2.4	ug/L	J	U	V	Reported result is less than 5X or 10X the associated field blank times the dilution factor.	280-3221-1_V_DUSR Report.xlsm
SH-09	5/6/2010	Primary	Manganese	0.0016	mg/L	JB	U	V	Reported result is less than 5X or 10X the associated method blank times the dilution factor.	280-3278-1_V_DUSR Report.xlsm
SH-09	5/6/2010	Primary	Cyanides	0.0041	mg/L	JB	U	V	Reported result is less than 5X or 10X the associated method blank times the dilution factor.	280-3278-1_V_DUSR Report.xlsm
SH-09	5/6/2010	Primary	Potassium	0.97	mg/L	J	U	V	Reported result is less than 5X or 10X the associated field blank times the dilution factor.	280-3278-1_V_DUSR Report.xlsm
SH-09	5/6/2010	Primary	Manganese, Dissolved	0.00095	mg/L	J	U	V	Reported result is less than 5X or 10X the associated field blank times the dilution factor.	280-3278-1_V_DUSR Report.xlsm
SH-09	5/6/2010	Primary	Tin	0.0062	mg/L	JB	U	V	Reported result is less than 5X or 10X the associated method blank times the dilution factor.	280-3278-1_V_DUSR Report.xlsm
SH-09	5/6/2010	Primary	pH	7.12	pH Units	HTV	J	V	Prepared or analyzed outside of holding time.	280-3278-1_V_DUSR Report.xlsm
SH-09	5/6/2010	Primary	Potassium, Dissolved	0.91	mg/L	J	U	V	Reported result is less than 5X or 10X the associated field blank times the dilution factor.	280-3278-1_V_DUSR Report.xlsm
SH-11	5/6/2010	Primary	Antimony, Dissolved	0.00029	mg/L	J	U	V	Reported result is less than 5X or 10X the associated field blank times the dilution factor.	280-3278-1_V_DUSR Report.xlsm
SH-11	5/6/2010	Primary	Formaldehyde	19	ug/L	JB	U	V	Reported result is less than 5X or 10X the associated method blank times the dilution factor.	280-3278-1_V_DUSR Report.xlsm
SH-11	5/6/2010	Primary	Silver, Dissolved	0.000043	mg/L	J	U	V	Reported result is less than 5X or 10X the associated field blank times the dilution factor.	280-3278-1_V_DUSR Report.xlsm
SH-11	5/6/2010	Primary	Antimony	0.00018	mg/L	J	U	V	Reported result is less than 5X or 10X the associated field blank times the dilution factor.	280-3278-1_V_DUSR Report.xlsm
SH-11	5/6/2010	Primary	Tin	0.018	mg/L	JB	U	V	Reported result is less than 5X or 10X the associated method blank times the dilution factor.	280-3278-1_V_DUSR Report.xlsm
SH-11	5/6/2010	Primary	Cyanides	0.0047	mg/L	JB	U	V	Reported result is less than 5X or 10X the associated method blank times the dilution factor.	280-3278-1_V_DUSR Report.xlsm
SH-11	5/6/2010	Primary	Acetone	17	ug/L		U	V	Reported result is less than 5X or 10X the associated field blank times the dilution factor.	280-3278-1_V_DUSR Report.xlsm

See Table VI for notes and abbreviations.

TABLE A-III
SUMMARY OF SECOND QUARTER 2010 DATA QUALIFICATION
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well ID	Date	Sample Type	Constituent	Result	Units	Qualifier Code		Validation Level	Validation Notes	Data Usability Summary Report
						Lab	Project			
SH-11	5/6/2010	Primary	bis(2-Ethylhexyl) phthalate	160	ug/L		U	V	Reported result is less than 5X or 10X the associated field blank times the dilution factor.	280-3278-1_V_DUSR Report.xlsm
SH-11	5/6/2010	Primary	pH	7.04	pH Units	HTV	J	V	Prepared or analyzed outside of holding time.	280-3278-1_V_DUSR Report.xlsm

See Table VI for notes and abbreviations.

Appendix F Quality Assurance Assessment

Quality Assurance Reports – Third Quarter 2010

APPENDIX A

Quality Assurance Assessment

APPENDIX A
TABLE OF CONTENTS

LIST OF TABLES

LIST OF ATTACHMENTS

1. OVERVIEW

Field and laboratory data were reviewed for consistency with the procedures outlined in the *Groundwater Monitoring Quality Assurance Project Plan (QAPP), Santa Susana Field Laboratory* (Appendix B of Haley & Aldrich, 2010a, 2010b) following the third quarter 2010 quarterly groundwater sampling event. Results of the review are discussed in the following sections.

2. INTRODUCTION

2.1 Quality Assurance/Quality Control (QA/QC) Procedures

Following each quarterly groundwater sampling event, field and laboratory data are reviewed for consistency with procedures outlined in the *Groundwater Monitoring Quality Assurance Project Plan, Santa Susana Field Laboratory* (Appendix B of Haley & Aldrich, 2010a, 2010b). As the project develops, it is anticipated that the quality assurance assessment conducted following each quarterly event may be modified. The current procedures include reviewing (a) field forms and documentation and evaluating whether field data were complete, and (b) analytical laboratory data for precision, accuracy, representativeness, comparability, completeness, and sensitivity.

MWH submitted groundwater samples to the following laboratories:

Laboratory	Abbreviation	Location
TestAmerica-Denver (Primary)	TA-Denver	Arvada, Colorado
GEL Laboratories, LLC (Split)	GEL	Charleston, South Carolina

2.2 Procedures for Collection of Quality Control Samples

The following QC samples were collected as part of the Groundwater Monitoring Program in order to ensure that all groundwater samples are collected in a manner consistent with the QA objectives.

- **Field duplicates:** Duplicate samples are replicate groundwater samples collected from a given well. Both samples are submitted to the primary laboratory, but one of them is submitted as a "regular" sample, while the other is submitted as a "blind" duplicate. Field duplicates should be collected for approximately five percent of the total number of primary field samples, per method, for each sampling event, and for verification samples (Haley & Aldrich, 2010a, 2010b).

- **Split Samples:** Split samples are replicate groundwater samples collected from a given well. One of the samples is submitted to the primary laboratory as a "regular" sample, and the other to the "split laboratory" for separate analysis and reporting. Split samples should be collected at a rate of five percent of the total number of primary field samples, per method, for groundwater samples collected per the SMOU RFI QAPP (MECx, 2009). Split samples should be collected at a rate of once per year per method, for verifications samples, or if the primary laboratory changes, for groundwater samples collected per the Regulated Units or Site-wide Groundwater Monitoring Programs (Haley & Aldrich, 2010a, 2010b).

- **Field Blanks:** Field blank samples are prepared in the field using de-ionized or ASTM Type II (or equivalent) water and are "collected" by filling sample containers used for the groundwater samples. Field blanks are then stored with field samples. In this manner, field blanks are intended to provide evidence of any contaminant in the source water or ambient air, cross contamination between field samples, and/or artifacts in sample containers. One field blank should be submitted per batch of water used for equipment rinse blanks (Haley & Aldrich, 2010a, 2010b).

- **Equipment Rinse Blanks:** Equipment rinse blank samples are prepared using de-ionized or ASTM Type II (or equivalent) water that has been used to rinse non-dedicated sampling equipment after decontaminating the equipment. Per the SMOU RFI QAPP (MECx, 2009), equipment rinsate samples should be collected on a daily basis when non-dedicated sampling equipment is used to collected groundwater samples and the equipment rinsate samples should be analyzed for each parameter analyzed in the field samples. For the Regulated Units and Site-wide Groundwater

Monitoring Programs, equipment rinse blanks should be collected once per sampling event per equipment type for any parameter analyzed in groundwater samples collected using non-dedicated sampling equipment (Haley & Aldrich, 2010a, 2010b).

- **Trip Blanks:** Trip blank samples are prepared in the laboratory using de-ionized water. The prepared trip blank samples are shipped from the laboratory with the empty sample containers to the field site and are stored and shipped with the collected samples and are returned to the laboratory unopened. A trip blank is used to document contamination attributable to shipping and handling procedures. One trip blank should be carried in each cooler containing field samples for volatile organic compounds (VOCs) and gasoline range organics analysis (GRO). Trip blank samples will be analyzed for VOCs or GRO (Haley & Aldrich, 2010a, 2010b).

- **Matrix Spike/Matrix Spike Duplicates:** A matrix spike (MS) is an aliquot of a field sample spiked with a known concentration of all target analytes. A matrix spike duplicate (MSD) is a replicate of this process. Typically, thrice the sample containers are filled of groundwater collected from a given well in order to provide sufficient volume of sample for MS/MSD preparation and analysis. MS/MSDs should be collected at a rate of approximately five percent of the total number of samples collected, by method, for each sampling event (Haley & Aldrich, 2010a, 2010b).

2.3 Sample Custody

Chain-of-custody forms were completed as per the processes described in the QAPPs by MWH personnel during the performance of sampling activities conducted at SSFL. These external chain-of-custody documents were completed appropriately upon sample transfer to analytical laboratory personnel.

2.4 Data Verification Process

Hardcopy data packages and electronic data were provided to Laboratory Data Consultants, Inc. (LDC) of Carlsbad, California, who initially performed a Level V review of the data. This encompassed an evaluation of sample collection procedures, holding times, blanks (to assess contamination), sample duplicates (to assess precision), laboratory control samples (to assess accuracy), and matrix spike and surrogate recoveries (to assess accuracy and matrix effects). Under MWH direction, LDC provided a comprehensive Level IV data review of verification samples, selected new detections, and other selected sample results. The Level IV validation included a complete review of summary information for instrument calibrations (to assess performance), compound identification, and quantitation, in addition to the Level V items.

Four seep samples (one of which is a duplicate), plus associated QC samples, were collected from three seeps to support the Groundwater Remedial Investigation. The hardcopy data associated with these samples was sent to MECx, LP of Aurora, Colorado for review. MECx performed a Level IV validation of the data.

Data were assessed in accordance with guidance from the EPA "USEPA Contract Laboratory Program National Functional Guidelines for Low Concentration Organic Data Review" (OSWER 9240.1-34, USEPA-540-R-00-006, June 2001), "USEPA Contract Laboratory Program National Functional Guidelines for Superfund Organic Methods Data Review" (OSWER 9240.1-46, USEPA-540-R-08-01, June 2008)", "USEPA Contract Laboratory Program National Functional Guidelines for Inorganic Data Review" (EPA 540-R-04-004, October 2004), and the EPA Method specific protocol criteria, where applicable.

3. QA/QC EVALUATION

3.1 Field Data

3.1.1 Pre-Sampling Water Levels

During the third quarter 2010 sampling event, a total of 343 wells, piezometers or seeps were scheduled for water level monitoring. Monitoring attempts are summarized below. Twenty-one wells or piezometers were not monitored because:

- the vault was welded shut to prevent surface water from infiltrating the well (2 wells)
- the well completion was incompatible with the use of a pressure transducer at artesian wells (5 wells)
- access for measurement was not available at an off-site private well (1 well)
- a broken gauge prevented pressure reading of artesian water level (2 wells)
- a partially removed FLUTe system prevented access for measurement (1 well)
- the head in the well exceeds the capacity of the pressure transducers (1 well)
- pressure transducers were inoperable (3 wells)
- possible bentonite at bottom of dry well pending further assessment (1 well)
- bent piezometer casing pending further assessment (1 well)
- new well construction, development and pump installation were not completed as of the third quarter gauging event (1 well)
- the well was later determined to be gauged incorrectly (2 wells)
- blockage was encountered in well (1 well)

Percent completeness (% C) values presented in this summary were calculated using the following equation:

$$\% C = \frac{\text{Number of Valid (Usable) Measurements}}{\text{Number of Measurements Planned}} \times 100$$

Water Level Monitoring	Third Quarter 2010
Number of locations scheduled	343
Number of locations monitored	322
Completeness value	94%

3.1.2 Groundwater Sample Collection

During the third quarter sampling event, 195 wells, seeps, or piezometers were scheduled for sampling. Of the locations scheduled for sampling, 133 wells or piezometers (68 percent) were sampled. Samples were not collected at a number of locations because the wells or piezometers were either dry, contained inadequate water for sampling purposes, the low-flow well equipment could not be installed, or the wells were not yet constructed.

Alternatively, a sampling completeness of 100 percent was achieved for those wells that could be sampled versus those that were scheduled or planned to be collected in the third quarter of 2010.

3.1.3 QA/QC Sample Collection

The QA/QC sample collection targets are listed in the Quality Assurance Project Plan (QAPP) (Haley & Aldrich, 2010) and the SMOU RFI QAPP (MECx, 2009). During the third quarter 2010, the QC/QC sample collection targets were met except where wells contained insufficient abundance or inadequate quality for sampling.

Percent Completeness for QA/QC Sample Collection		
QC Sample Type	**QAPP (Haley & Aldrich, 2010)**	**SMOU RFI QAPP (MECx, 2009)**
Duplicate samples	98%	100%
Split samples	90%	100%
Matrix spike and matrix spike duplicate (MS/MSD) samples	92%	17%
Trip blanks	93%	
Field blanks	100%	100%
Equipment rinse blank	100%	14%

3.1.4 Water Quality Parameter Measurements

Water quality parameters ([pH, oxidation reduction potential [ORP], dissolved oxygen [DO], electrical conductivity, and turbidity] are scheduled to be measured according to the WQSAP (Haley & Aldrich, 2010). All exceptions for the third quarter of 2010 sampling event are listed on Table V located in the main body of this report.

3.2 Analytical Data

All laboratories are certified by the California Department of Public Health Environmental Laboratory Accreditation Program.

3.2.1 Comparison with Historical Water Quality Data

The majority of analyte concentrations increased or decreased somewhat when compared to the results from the prior monitoring event, but most values were within the range of historical data. A summary of results is included in Section 4 of this report.

Six monitoring wells were sampled during third quarter to verify new detections in second quarter samples. Results of verification sampling are summarized in Table 18 and Section 4 of this report.

3.2.2 Laboratory Performance Comparison

Results of analyses across laboratories were comparable as indicated by the replicate percent differences (RPDs) of split samples (Table A-I). The RPDs were calculated for each analyte detected by both the primary and split laboratories if the analytes were detected at a concentration exceeding five times their respective reporting limit (RLs). RPDs for the split samples are summarized on Table A-1.

$$RPD = \left| ((X_1 - X_2)/X_{ave}) \right| \times 100$$

X_1 =value of first result;
X_2 = value of second result; and
X_{ave} = average concentration = $((X_1 + X_2) / 2)$

All RPDs calculated for third quarter 2010 split samples were less than the project acceptance criterion of 35 with one exception. The RPD for bis(2-ethylhexyl) phthalate was 47 for the samples collected from HAR-26. These results were qualified per the QAPP (Haley & Aldrich, 2010a, 2010b).

3.2.3 Field Duplicate Sample Precision

The RPDs of field duplicate samples are calculated for all analytes detected in both the primary and duplicate samples and are summarized on Table A-2. The RPD values calculated for third quarter 2010 field duplicate sample analyses were acceptable and below the project acceptance criterion of 35 with three exceptions. The RPD for n-nitrosodimethylamine was 77 for the samples collected from HAR-16, the RPD for bis(2-ethylhexyl) phthalate was 51 for samples collected from HAR-26 and 59 for samples collected from RD-36C. All results were qualified per the QAPP (Haley & Aldrich, 2010a, 2010b).

3.2.4 Blank Accuracy

The method detection limits (MDLs) reported for analytes in field blanks, equipment rinse blanks, and trip blanks were compared to the reporting limits (RLs) requirements defined in the Regulated Units (Haley & Aldrich, 2010a, 2010b) and SMOU RFI (MECx, 2009) QAPPs. As required, the MDLs in the blank samples were less than the required RLs, with the following exceptions:

Constituent	RL	MDL	Comment
Nitrite-NO2	0.1 mg/L	0.16 mg/L	Analyzed for SMOU RFI investigation.
pH	0.01 pH Units	0.1 pH Units	MDL accepted.
Orthophosphate-PO4	0.2 mg/L	0.57 mg/L	Analyzed for SMOU RFI investigation.

Although the three parameters listed above do not meet the QAPP RL criteria, they represent the laboratory's lowest achievable detection limits.

As defined in Table 19, the regulatory limit for nitrite is 1 mg/L (California Primary Maximum Contaminant Level), which is significantly higher than the laboratory RL and MDL for both parameters. The regulatory limit for pH (Secondary Maximum Contaminant Level) is defined to be within the range of 6.5 to 8.5, and so the MDL of 0.1 pH units is sufficient for comparison with this standard. There is no regulatory limit established for orthophosphate. Therefore, data usability is not affected by the laboratory's inability to meet QAPP requirements.

3.2.5 Data Representativeness, Reproducibility, and Completeness

Data representativeness, reproducibility, and completeness of results were evaluated by verifying the following:

- locations were sampled as scheduled,
- samples were properly collected and preserved (if required),
- procedures to maintain the integrity of samples during shipment were followed,
- sample dilutions were properly conducted,
- chain-of-custody records were complete when submitted or changed appropriately, and
- laboratory QA/QC data were obtained for each sample submitted.

Locations were sampled as scheduled except at locations where wells contained insufficient water volume or where wells were inaccessible. All samples were preserved (where necessary) and shipped following acceptable procedures. Samples from wells with previous TCE concentrations exceeding 3,000 µg/L were segregated during storage and shipment.

A few chain-of-custody forms were not completed satisfactorily. Because the laboratories were notified of the deficiencies immediately following sample submission, all samples submitted were identified correctly and analyzed according to the monitoring schedule. In order to minimize future errors, field personnel were notified of the chain of custody form deficiencies.

All samples were received appropriately, identified correctly, and analyzed according to the monitoring requirements.

3.2.6 Data Usability Summary

LDC provided a comprehensive data verification report for each data package which summarized laboratory and project criteria that were not met, and sample results requiring qualification due to QC discrepancies. The verification reports were reviewed by an MWH chemist to ensure the verification procedures as described in the QAPPs were followed. The final, validated and flagged data were reviewed by the project chemist and team to assess against the project data quality objectives (DQOs) to determine data usability.

3.2.6.1 Sample Data Reporting

Laboratory analytical reports contain laboratory specific data qualifiers. When an analysis was performed without dilution, the reporting limit was based on the most recent MDL study conducted by the contract laboratory. The reporting limit values for the dilution analyses were adjusted for the level of dilution performed. Values presented for target analytes detected at concentrations below the reporting limit but above the MDL were flagged with a "J" as estimated values.

3.2.6.2 Data Qualifiers

The use of the data qualifiers is intended to aid users in their interpretation of the sample results. Laboratory specific data qualifiers were assigned by the laboratories to the reported results in accordance with each laboratory's standard operating procedures. However, some data qualifiers used by the laboratories do not correspond with standard EPA guidance as referenced in this document. The recommended EPA data qualifiers should preclude the use of the laboratory specific qualifiers so that comparability of the reported results can be achieved if future analyses are performed at other laboratory facilities.

3.2.6.3 Summary

All final, qualified results summarized on Table A-III were found to be compliant with the data quality objectives (DQOs) for the project and are usable for the intended purpose as specified in the WQSAPs (Haley & Aldrich, 2010a, 2010b).

TABLES

TABLE A-1
SUMMARY OF SPLIT SAMPLE RESULTS, THIRD QUARTER 2010
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well Identifier:	Collection Date:	Analytical Method:	Parameter:	Sample Result Primary:	Split:	Units:	RPD:
HAR-03	8/12/2010	8270C	Diethyl phthalate	0.76 J	9.43 U	ug/L	NA
				No other SVOCs detected			
HAR-09	8/2/2010	300.0	Chloride	43	37.8	mg/L	12.9
		300.0	Fluoride	0.36 J	0.327	mg/L	NV
		300.0	Sulfate	34	34.1	mg/L	0.3
		300.0	Nitrate-NO3	0.19 U	0.33 UJ	mg/L	NA
		314.0	Perchlorate	0.28 U	4 U	ug/L	NA
		9040B	pH	7.26 J	7.34 J	pH Units	1.1
		2510B	Specific conductivity	1300	1360	umhos/cm	4.5
		2320B	Total Alkalinity	720	694	mg/L	3.7
		2540C	Total Dissolved Solids	830	845	mg/L	1.8
		180.1	Turbidity	37	34.4	NTU	7.3
HAR-15	8/9/2010	8270C	bis(2-Ethylhexyl) phthalate	0.66 J	2 U	ug/L	NA
				No other SVOCs detected			
HAR-16	8/16/2010	524.2	1,2,3-Trichloropropane	0.0023 J	0.2 U	ug/L	NA
HAR 19	8/5/2010			No SVOCs detected			
HAR-26	8/9/2010	8270C	bis(2-Ethylhexyl) phthalate	95 J	154	ug/L	47
				No other SVOCs detected			
HAR-33	8/9/2010			No SVOCs detected			
PZ-141	9/3/2010	300.0	Bromide	0.2 R	0.245	mg/L	NA
		300.0	Chloride	77 R	67.1	mg/L	NA
		300.0	Fluoride	0.4 R	0.425	mg/L	NA
		300.0	Nitrite-N	0.16 R	0.101	mg/L	NA
		300.0	Phosphate	0.57 R	0.066 UJ	mg/L	NA
		300.0	Sulfate	320 R	291	mg/L	NA
		8260B SIM	1,4-Dioxane	0.75 R	3 U	ug/L	NA
		8260B	Acetone	1.9 R	1.6 J	ug/L	NA
		8260B	Benzene	0.18 R	0.3 U	ug/L	NA
		8260B	Chloroform	0.74 R	0.71 J	ug/L	NA
		8260B	cis-1,2-Dichloroethene	2.2 R	2.17	ug/L	NA
		8260B	Methylene chloride	0.36 R	2 U	ug/L	NA
		8260B	Trichloroethene	110 R	122 R	ug/L	NA
				No other VOCs detected			
		6010B	Iron	0.2 R	0.129	mg/L	NA
		6010B	Manganese	0.033 R	0.0278	mg/L	NA
		6010B	Molybdenum	0.008 R	0.0059 J	mg/L	NA
		6020	Barium	0.014 R	0.0128	mg/L	NA
		6020	Nickel	0.0014 R	0.00296	mg/L	NA
		6020	Thallium	0.000048 R	0.000424 J	mg/L	NA
		6020	Copper	0.00068 R	0.00228	mg/L	NA
		1625M	n-Nitrosodimethylamine	0.005 R	0.00023 U	ug/L	NA
		8315A	Formaldehyde	19 R	50 U	ug/L	NA
		8315M	Hydrazine	0.67 R	0.2 U	ug/L	NA
				No dioxins detected			
				No SVOCs detected			
				No PCBs detected			

TABLE A-2
SUMMARY OF FIELD DUPLICATE SAMPLE RESULTS, THIRD QUARTER 2010
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well Identifier:	Collection Date:	Analytical Method:	Parameter:	Sample Result Primary:	Duplicate:	Units:	RPD:
ES-17	8/16/2010	1625M	n-Nitrosodimethylamine	0.13	0.15 J	ug/L	14
ES-26	7/26/2010	1625M	n-Nitrosodimethylamine	0.0098 J	0.005 UJ	ug/L	NA
HAR-01	8/18/2010	1625M	n-Nitrosodimethylamine	0.0093	0.0085	ug/L	NV
HAR-03	8/12/2010	8270C	Diethyl phthalate	0.76 J	0.52 J	ug/L	NV
				No other SVOCs detected			
HAR-05	7/28/2010	1625M	n-Nitrosodimethylamine	0.005 U	0.005 U	ug/L	NA
HAR-07	8/16/2010	1625M	n-Nitrosodimethylamine	0.029	0.029	ug/L	0.0
HAR-08	8/3/2010	1625M	n-Nitrosodimethylamine	0.017	0.014	ug/L	NV
HAR-12	8/10/2010	1625M	n-Nitrosodimethylamine	0.022	0.022	ug/L	NV
		8270C	n-Nitrosodimethylamine	0.3 U	0.022	ug/L	NA
HAR-14	8/10/2010	1625M	n-Nitrosodimethylamine	8.6	7.8	ug/L	9.8
HAR-15	8/9/2010	8270C	bis(2-Ethylhexyl) phthalate	0.66 J	2.4 J	ug/L	NV
				No other SVOCs detected			
HAR-16	8/16/2010	524.2	1,2,3-Trichloropropane	0.0023 J	0.0031 J	ug/L	NV
		1625M	n-Nitrosodimethylamine	2.1 J	4.7 J	ug/L	77
HAR-19	8/5/2010	8270C	bis(2-Ethylhexyl) phthalate	20	23	ug/L	NV
		1625M	n-Nitrosodimethylamine	0.0057	0.005 U	ug/L	NA
				No other SVOCs detected			
HAR-21	8/2/2010	1625M	n-Nitrosodimethylamine	0.034 U	0.045 U	ug/L	NA
HAR-23	8/13/2010	1625M	n-Nitrosodimethylamine	0.023	0.023	ug/L	0.0
HAR-26	8/9/2010	8270C	bis(2-Ethylhexyl) phthalate	95 J	160 J	ug/L	**51**
				No other SVOCs detected			
HAR-32	8/2/2010	1625M	n-Nitrosodimethylamine	0.16	0.16	ug/L	0.0
HAR-33	8/9/2010	8270C	bis(2-Ethylhexyl) phthalate	0.53 UJ	0.56 J	ug/L	NA
				No other SVOCs detected			
PZ-140	8/12/2010	8260B SIM	1,4-Dioxane	0.75 U	0.75 U	ug/L	NA
		8260B	Chloroform	0.17 J	0.16 U	ug/L	NA
		8260B	cis-1,2-Dichloroethene	4.8	4.6	ug/L	NV
		8260B	Trichloroethene	130	120	ug/L	8.0
		1625M	n-Nitrosodimethylamine	0.005 U	0.005 U	ug/L	NA
		DV-WC-0077	Hydrazine	0.67 U	0.67 U	ug/L	NA
		8315A	Formaldehyde	18 U	16 U	ug/L	NA
				No SVOCs detected			
				No PCBs detected			
		8290	Octachlorodibenzo-p-dioxin	1.9 J	2.7 U	pg/L	NA
				No other dioxins detected			
		8015B	Diesel Range Organics (C12-C14)	0.047 J	0.033 J	mg/L	NV
				No other TPH detected			
		6010B	Iron	0.022 UJ	0.79 J	mg/L	NA
		6010B	Manganese	0.079	0.082	mg/L	3.7
		6010B	Molybdenum	0.005 J	0.0049 J	mg/L	2.0
		6010B	Vanadium	0.0013 J	0.0023 J	mg/L	NV
		6020	Cadmium	0.000072 UJ	0.00022 J	mg/L	NA
		6020	Copper	0.00063 J	0.001 J	mg/L	NV
		6020	Nickel	0.003	0.0029	mg/L	NV
		6020	Zinc	0.003 J	0.0057 J	mg/L	NV
		7470A	Mercury	0.000069 J	0.000027 UJ	mg/L	NA
		7196A	Hexavalent Chromium, Dissolved	0.004 U	0.004 U	mg/L	NA
				No other metals detected			
		300.0	Bromide	0.45 J	0.43 J	mg/L	NV
		300.0	Chloride	120	120	mg/L	0.0
		300.0	Fluoride	0.43 J	0.45 J	mg/L	NV
		300.0	Nitrate-NO3	12	9.2	mg/L	26
		300.0	Sulfate	130	130	mg/L	0.0
				No other anions detected			
RD-12	8/4/2010	1625M	n-Nitrosodimethylamine	0.006	0.005 U	ug/L	NA
RD-32	8/23/2010	1625M	n-Nitrosodimethylamine	0.005 U	0.005 U	ug/L	NA

TABLE A-2
SUMMARY OF FIELD DUPLICATE SAMPLE RESULTS, THIRD QUARTER 2010
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well Identifier:	Collection Date:	Analytical Method:	Parameter:	Sample Result Primary:	Duplicate:	Units:	RPD:
RD-36B	8/11/2010	8260B SIM	1,4-Dioxane	1 J	1.4 J	ug/L	NV
		8260B	Acetone	4.6 J	2.8 J	ug/L	NV
		8260B	Chloroform	0.35 J	0.35 J	ug/L	NV
		8260B	cis-1,2-Dichloroethene	0.21 J	0.24 J	ug/L	NV
		8260B	Tetrachloroethene	10 J	10 J	ug/L	0.0
		8260B	Trichloroethene	140 J	150 J	ug/L	6.9
				No other VOCs detected			
		1625M	n-Nitrosodimethylamine	0.005 U	0.005 U	ug/L	NA
				No SVOCs detected			
		8015B	Gasoline Range Organics (C6-C12)	51 J	50 J	ug/L	NV
				No other TPH detected			
		350.1	Ammonia-N	0.11 U	0.11 U	mg/L	NA
		8315A	Formaldehyde	50 U	50 U	ug/L	NA
				No hydrazines detected			
		300.0	Fluoride	0.11 J	0.13 J	mg/L	NV
		300.0	Nitrate-NO3	15	15	mg/L	0.0
		314.0	Perchlorate	0.67 J	0.28 UJ	ug/L	NA
		6860	Perchlorate	0.5	0.51	ug/L	NV
		9040B	pH	6.5 J	6.53 J	pH Units	0.50
RD-36C	8/5/2010	8260B SIM	1,4-Dioxane	3.9 U	3.8 U	ug/L	NA
		8260B	1,1-Dichloroethane	0.52 J	0.55 J	ug/L	NV
		8260B	1,1-Dichloroethene	2.4	2.4	ug/L	NV
		8260B	cis-1,2-Dichloroethene	56	56	ug/L	0.0
		8260B	Toluene	0.26 J	0.25 J	ug/L	NV
		8260B	trans-1,2-Dichloroethene	21	22	ug/L	4.7
		8260B	Trichloroethene	0.26 J	0.25 J	ug/L	NV
				No other VOCs detected			
		8270C	bis(2-Ethylhexyl) phthalate	36 J	66 J	ug/L	**59**
				No other SVOCs detected			
		1625M	n-Nitrosodimethylamine	0.005 U	0.005 U	ug/L	NA
				No hydrazines detected			
		8315A	Formaldehyde	50 U	50 U	ug/L	NA
		8015B	Diesel Range Organics (C21-C30)	0.086 J	0.079 J	mg/L	NV
		8015B	Diesel Range Organics (C8-C30)	0.11 J	0.11 J	mg/L	NV
		8015B	Gasoline Range Organics (C6-C12)	45 J	48 J	ug/L	NV
				No other TPH detected			
		350.1	Ammonia-N	0.11 U	0.11 U	mg/L	NA
		300.0	Fluoride	0.06 U	0.06 U	mg/L	NA
		300.0	Nitrate-NO3	0.19 U	0.19 U	mg/L	NA
		314.0	Perchlorate	0.28 U	0.28 U	ug/L	NA
		9040B	pH	7.06 J	7.01 J	pH Units	0.70
RD-37	8/5/2010	8260B	cis-1,2-Dichloroethene	0.22 J	0.26 J	ug/L	NV
		8260B	Trichloroethene	0.19 J	0.16 U	ug/L	NV
				No other VOCs detected			
		524.2	1,2,3-Trichloropropane	0.0017 U	0.0017 U	ug/L	NA
				No hydrazine detected			
		8315A	Formaldehyde	50 U	50 U	ug/L	NA
		1625M	n-Nitrosodimethylamine	0.005 U	0.005 U	ug/L	NA
				No SVOCs detected			
				No TPH detected			
		8260B SIM	1,4-Dioxane	3 U	3 U	ug/L	NA
		350.1	Ammonia-N	0.11 U	0.11 U	mg/L	NA
		300.0	Fluoride	0.06 U	0.06 U	mg/L	NA
		300.0	Nitrate-NO3	0.19 U	0.19 U	mg/L	NA
		314.0	Perchlorate	0.28 U	0.28 U	ug/L	NA
		9040B	pH	7.17 J	7.11 J	pH Units	0.80

TABLE A-2
SUMMARY OF FIELD DUPLICATE SAMPLE RESULTS, THIRD QUARTER 2010
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well Identifier:	Collection Date:	Analytical Method:	Parameter:	Sample Result Primary:	Duplicate:	Units:	RPD:
RD-38B	8/3/2010	524.2	1,2,3-Trichloropropane	0.0017 U	0.0017 U	ug/L	NA
				No VOCs detected			
		8260B SIM	1,4-Dioxane	3 U	3 U	ug/L	NA
		8270C	bis(2-Ethylhexyl) phthalate	0.68 J	1 J	ug/L	NV
				No other SVOCs detected			
		1625M	n-Nitrosodimethylamine	0.005 U	0.005 U	ug/L	NA
				No TPH detected			
		8315A	Formaldehyde	50 U	50 U	ug/L	NA
				No hydrazines detected			
		350.1	Ammonia-N	0.11 U	0.11 U	mg/L	NA
		300.0	Fluoride	0.29 J	0.3 J	mg/L	NV
		300.0	Nitrate-NO3	0.19 U	0.19 U	mg/L	NA
		314.0	Perchlorate	0.28 U	0.28 U	ug/L	NA
		9040B	pH	7.31	7.29	pH Units	0.30
RD-44	7/26/2010	1625M	n-Nitrosodimethylamine	0.005 UJ	0.005 UJ	ug/L	NA
RD-49B	8/6/2010	1625M	n-Nitrosodimethylamine	0.037	0.043	ug/L	15
RD-49C	8/6/2010	8260B	cis-1,2-Dichloroethene	70	81	ug/L	15
		8260B	trans-1,2-Dichloroethene	2.9	3	ug/L	NV
		8260B	Trichloroethene	14	12	ug/L	15
		8260B	Vinyl chloride	1.7	1.6	ug/L	NV
				No other VOCs detected			
		8260B SIM	1,4-Dioxane	3 U	3 U	ug/L	NA
		524.2	1,2,3-Trichloropropane	0.0017 U	0.0017 U	ug/L	NA
		504.1	1,2-Dibromo-3-chloropropane	0.0065 U	0.0065 U	ug/L	NA
		504.1	1,2-Dibromoethane	0.0035 U	0.0035 U	ug/L	NA
		8270C	Acetophenone	0.54 J	0.32 J	ug/L	NV
		8270C	Hexachlorocyclopentadiene	1.5 R	1.5 R	ug/L	NA
		8270C	n-Nitrosodimethylamine	0.28 U	0.0069 J	ug/L	NA
				No other SVOCs detected			
		8321A	Hexachlorophene	30 U	30 U	ug/L	NA
		1625M	n-Nitrosodimethylamine	0.01 J	0.0069 J	ug/L	NV
				No hydrazines detected			
		8015B	Diesel Range Organics (C21-C30)	0.032 U	0.034 J	mg/L	NA
				No other TPH detected			
		8290	Octachlorodibenzo-p-dioxin	4.2 J	4 J	pg/L	NV
		8290	2,3,7,8-TCDD TEQ	0.0013	0.0012	pg/L	8.0
		6020	Antimony	0.00019 J	0.0003 J	mg/L	NV
		6020	Antimony, Dissolved	0.00013 J	0.00011 J	mg/L	NV
		6020	Arsenic	0.00094 J	0.00088 J	mg/L	NV
		6020	Arsenic, Dissolved	0.00075 J	0.00076 J	mg/L	NV
		6020	Barium	0.074	0.076	mg/L	2.7
		6020	Barium, Dissolved	0.077	0.076	mg/L	1.3
		6020	Chromium	0.001 J	0.0011 J	mg/L	NV
		6020	Cobalt	0.00034 J	0.00036 J	mg/L	NV
		6020	Cobalt, Dissolved	0.00027 J	0.00029 J	mg/L	NV
		6020	Copper	0.0073 J	0.012 J	mg/L	NV
		6020	Lead	0.0017 J	0.0021	mg/L	NV
		6020	Lead, Dissolved	0.00054 J	0.00097 J	mg/L	NV
		6020	Nickel	0.0015 J	0.0015 J	mg/L	NV
		6020	Nickel, Dissolved	0.0013 J	0.0014 J	mg/L	NV
		6020	Thallium	0.000032 J	0.000027 J	mg/L	NV
		6020	Tin	0.00027 J	0.00037 J	mg/L	NV
		6020	Vanadium	0.00025 J	0.00021 J	mg/L	NV
		6020	Zinc	0.57	0.58	mg/L	1.7
		6020	Zinc, Dissolved	0.57	0.58	mg/L	1.7
				No other metals detected			
				No pesticides detected			
				No herbicides detected			
				No PCBs detected			
		350.1	Ammonia-N	0.11 U	0.11 U	mg/L	NA
		9012	Cyanides	0.0034 U	0.0027 U	mg/L	NA
		300.0	Fluoride	0.24 J	0.23 J	mg/L	NV
		300.0	Nitrate-NO3	0.19 U	0.19 U	mg/L	NA
		314.0	Perchlorate	0.28 U	0.28 U	ug/L	NA
		4500	Sulfide	0.007 U	0.007 U	mg/L	NA
RD-51C	7/27/2010	1625M	n-Nitrosodimethylamine	0.005 U	0.005 U	ug/L	NA
RD-52C	8/17/2010	1625M	n-Nitrosodimethylamine	0.005 U	0.005 U	ug/L	NA

TABLE A-2
SUMMARY OF FIELD DUPLICATE SAMPLE RESULTS, THIRD QUARTER 2010
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well Identifier:	Collection Date:	Analytical Method:	Parameter:	Sample Result Primary:	Duplicate:	Units:	RPD:
RD-55A	8/10/2010	8260B	Trichloroethene	1.4	1.3	ug/L	NV
				No hydrazines detected			
				No SVOCs detected			
		8260B SIM	1,4-Dioxane	3 U	3 U	ug/L	NA
		8315A	Formaldehyde	50 U	50 U	ug/L	NA
		1625M	n-Nitrosodimethylamine	0.005 U	0.005 U	ug/L	NA
		350.1	Ammonia-N	0.11 U	0.11 U	mg/L	NA
		300.0	Fluoride	0.39 J	0.37 J	mg/L	NV
		300.0	Nitrate-NO3	11	11	mg/L	0.0
		314.0	Perchlorate	0.28 U	0.28 U	ug/L	NA
		9040B	pH	7.34	7.32	pH Units	0.3
RD-59A	8/11/2010	314.0	Perchlorate	0.28 U	0.28 U	ug/L	NA
				No VOCs detected			
RD-66	8/4/2010	1625M	n-Nitrosodimethylamine	0.005 U	0.005 U	ug/L	NA
RD-67	7/29/2010	1625M	n-Nitrosodimethylamine	0.005 U	0.005 U	ug/L	NA
RD-71	8/20/2010	1625M	n-Nitrosodimethylamine	0.005 U	0.005 U	ug/L	NA
RD-78	7/27/2010	1625M	n-Nitrosodimethylamine	0.005 U	0.005 U	ug/L	NA
RS-33	8/4/2010	1625M	n-Nitrosodimethylamine	0.16	0.16	ug/L	0.0
RS-34	8/18/2010	1625M	n-Nitrosodimethylamine	0.0059 J	0.0085 J	ug/L	NV
SH-04	8/9/2010	1625M	n-Nitrosodimethylamine	0.077 R	0.091 R	ug/L	NA
S-25/OS-08	9/15/2010	8260B		No VOCs detected			

TABLE A-3
SUMMARY OF DATA QUALIFICATION, THIRD QUARTER 2010
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well Identifier:	Collection Date:	Sample Type:	Analytical Method:	Parameter:	Sample Result:	Units:	Lab Qualifier Code:	Validator Qualifier Code:	Validation Level:	Validation Notes:	Validation Report:
ES-13	8/17/2010	Primary Sample	300.0	Nitrate-NO3	1.1	mg/L	J	J	V	Compound was reported below the RL	24042
ES-13	8/17/2010	Primary Sample	8260B	1,1,1-Trichloroethane	0.16	µg/L	U	R	V	The analysis with this flag should not be used because another more technically sound analysis is available	24042
ES-13	8/17/2010	Primary Sample	8260B	1,1,2-Trichloro-1,2,2-trifluoroethane	0.42	µg/L	U	R	V	The analysis with this flag should not be used because another more technically sound analysis is available	24042
ES-13	8/17/2010	Primary Sample	8260B	1,1,2-Trichloroethane	0.27	µg/L	U	R	V	The analysis with this flag should not be used because another more technically sound analysis is available	24042
ES-13	8/17/2010	Primary Sample	8260B	1,1-Dichloroethane	0.22	µg/L	U	R	V	The analysis with this flag should not be used because another more technically sound analysis is available	24042
ES-13	8/17/2010	Primary Sample	8260B	1,1-Dichloroethene	0.23	µg/L	U	R	V	The analysis with this flag should not be used because another more technically sound analysis is available	24042
ES-13	8/17/2010	Primary Sample	8260B	1,2-Dichloroethane	0.13	µg/L	U	R	V	The analysis with this flag should not be used because another more technically sound analysis is available	24042
ES-13	8/17/2010	Primary Sample	8260B	Acetone	4.8	µg/L	J	R	V	The analysis with this flag should not be used because another more technically sound analysis is available	24042
ES-13	8/17/2010	Primary Sample	8260B	Benzene	0.16	µg/L	U	R	V	The analysis with this flag should not be used because another more technically sound analysis is available	24042
ES-13	8/17/2010	Primary Sample	8260B	Carbon Tetrachloride	0.19	µg/L	U	R	V	The analysis with this flag should not be used because another more technically sound analysis is available	24042
ES-13	8/17/2010	Primary Sample	8260B	Chloroform	0.16	µg/L	U	R	V	The analysis with this flag should not be used because another more technically sound analysis is available	24042
ES-13	8/17/2010	Primary Sample	8260B	cis-1,2-Dichloroethene	0.27	µg/L	J	R	V	The analysis with this flag should not be used because another more technically sound analysis is available	24042
ES-13	8/17/2010	Primary Sample	8260B	Ethylbenzene	0.16	µg/L	U	R	V	The analysis with this flag should not be used because another more technically sound analysis is available	24042
ES-13	8/17/2010	Primary Sample	8260B	Methyl ethyl ketone	2	µg/L	U	R	V	The analysis with this flag should not be used because another more technically sound analysis is available	24042
ES-13	8/17/2010	Primary Sample	8260B	Methylene chloride	0.35	µg/L	J	R	V	The analysis with this flag should not be used because another more technically sound analysis is available	24042
ES-13	8/17/2010	Primary Sample	8260B	m-Xylene & p-Xylene	0.34	µg/L	U	R	V	The analysis with this flag should not be used because another more technically sound analysis is available	24042
ES-13	8/17/2010	Primary Sample	8260B	o-Xylene	0.19	µg/L	U	R	V	The analysis with this flag should not be used because another more technically sound analysis is available	24042
ES-13	8/17/2010	Primary Sample	8260B	Tetrachloroethene	0.2	µg/L	U	R	V	The analysis with this flag should not be used because another more technically sound analysis is available	24042
ES-13	8/17/2010	Primary Sample	8260B	Toluene	0.17	µg/L	U	R	V	The analysis with this flag should not be used because another more technically sound analysis is available	24042

TABLE A-3
SUMMARY OF DATA QUALIFICATION, THIRD QUARTER 2010
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well Identifier:	Collection Date:	Sample Type:	Analytical Method:	Parameter:	Sample Result:	Units:	Lab Qualifier Code:	Validator Qualifier Code:	Validation Level:	Validation Notes:	Validation Report:
ES-13	8/17/2010	Primary Sample	8260B	trans-1,2-Dichloroethene	0.15	µg/L	U	R	V	The analysis with this flag should not be used because another more technically sound analysis is available	24042
ES-13	8/17/2010	Primary Sample	8260B	Trichloroethene	0.16	µg/L	U	R	V	The analysis with this flag should not be used because another more technically sound analysis is available	24042
ES-13	8/17/2010	Primary Sample	8260B	Trichlorofluoromethane	0.29	µg/L	U	R	V	The analysis with this flag should not be used because another more technically sound analysis is available	24042
ES-13	8/17/2010	Primary Sample	8260B	Vinyl chloride	0.4	µg/L	U	R	V	The analysis with this flag should not be used because another more technically sound analysis is available	24042
ES-13	8/25/2010	Primary Sample	8290	Octachlorodibenzo-p-dioxin	21	pg/L	J	J	IV	Compound was reported below the RL	24081
ES-13	8/25/2010	Primary Sample	8260B SIM	1,4-Dioxane	0.75	µg/L	U	UJ	V	LCS/LCSD %R or RPD was not within control limits	24031
ES-17	8/16/2010	Primary Sample	6010B	Manganese	0.001	mg/L	JB	U	V	Presumed contamination from preparation (method) blank	24042
ES-17	8/16/2010	Primary Sample	6010B	Potassium	1.2	mg/L	J	J	V	Compound was reported below the RL	24042
ES-17	8/16/2010	Primary Sample	6010B	Potassium, Dissolved	1.1	mg/L	J	J	V	Compound was reported below the RL	24042
ES-17	8/16/2010	Primary Sample	8260B	1,1-Dichloroethane	1.3	µg/L	J	J	V	Compound was reported below the RL	24042
ES-17	8/16/2010	Primary Sample	8315A	Formaldehyde	50	µg/L	JB	U	V	Presumed contamination from preparation (method) blank	24042
ES-17	8/16/2010	Field Duplicate	1625M	n-Nitrosodimethylamine	0.15	µg/L		J	V	Surrogate recovery was outside QC limits	24042
ES-26	7/26/2010	Primary Sample	350.1	Ammonia-N	0.086	mg/L	J	J	IV	Compound was reported below the RL	23977
ES-26	7/26/2010	Primary Sample	6010B	Manganese	0.0024	mg/L	JB	J	V	Compound was reported below the RL	23977
ES-26	7/26/2010	Primary Sample	6010B	Manganese, Dissolved	0.0024	mg/L	J	J	V	Compound was reported below the RL	23977
ES-26	7/26/2010	Primary Sample	6010B	Potassium	2.1	mg/L	J	J	V	Compound was reported below the RL	23977
ES-26	7/26/2010	Primary Sample	6010B	Potassium, Dissolved	2.2	mg/L	J	J	V	Compound was reported below the RL	23977
ES-26	7/26/2010	Primary Sample	8260B	Acetone	13	µg/L		U	V	Presumed contamination from trip blank	23977
ES-26	7/26/2010	Primary Sample	8260B	cis-1,2-Dichloroethene	0.26	µg/L	J	J	V	Compound was reported below the RL	23977
ES-26	7/26/2010	Primary Sample	8260B	Methylene chloride	5	µg/L	JB	U	V	Presumed contamination from preparation (method) and trip blank	23977
ES-26	7/26/2010	Primary Sample	8260B SIM	1,4-Dioxane	3	µg/L	J	U	V	Presumed contamination from trip blank	23977
ES-26	7/26/2010	Primary Sample	8315A	Formaldehyde	50	µg/L	JB	U	V	Presumed contamination from preparation (method) blank	23977
ES-26	7/26/2010	Primary Sample	9040B	pH	7.3	pH Units	HTV	J	V	Holding time was exceeded	23977
ES-26	7/26/2010	Primary Sample	DV-WC-0077	1,1-Dimethylhydrazine	10	µg/L	JB	U	V	Presumed contamination from preparation (method) blank	23977
ES-29	9/3/2010	Primary Sample	8260B	1,1,1-Trichloroethane	0.16	µg/L	U	UJ	IV	Surrogate recovery was outside QC limits	24031
ES-29	9/3/2010	Primary Sample	8260B	1,1,2-Trichloro-1,2,2-trifluoroethane	0.42	µg/L	U	UJ	IV	Surrogate recovery was outside QC limits	24031
ES-29	9/3/2010	Primary Sample	8260B	1,1,2-Trichloroethane	0.27	µg/L	U	UJ	IV	Surrogate recovery was outside QC limits	24031
ES-29	9/3/2010	Primary Sample	8260B	1,1-Dichloroethane	0.22	µg/L	U	UJ	IV	Surrogate recovery was outside QC limits	24031
ES-29	9/3/2010	Primary Sample	8260B	1,2-Dichloroethane	0.13	µg/L	U	UJ	IV	Surrogate recovery was outside QC limits	24031
ES-29	9/3/2010	Primary Sample	8260B	Benzene	0.16	µg/L	U	UJ	IV	Surrogate recovery was outside QC limits	24031
ES-29	9/3/2010	Primary Sample	8260B	Carbon Tetrachloride	0.19	µg/L	U	UJ	IV	Surrogate recovery was outside QC limits	24031

TABLE A-3
SUMMARY OF DATA QUALIFICATION, THIRD QUARTER 2010
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well Identifier:	Collection Date:	Sample Type:	Analytical Method:	Parameter:	Sample Result:	Units:	Lab Qualifier Code:	Validator Qualifier Code:	Validation Level:	Validation Notes:	Validation Report:
ES-29	9/3/2010	Primary Sample	8260B	Chloroform	0.16	µg/L	U	UJ	IV	Surrogate recovery was outside QC limits	24031
ES-29	9/3/2010	Primary Sample	8260B	cis-1,2-Dichloroethene	0.3	µg/L	J	J	IV	Compound was reported below the RL; surrogate recovery was outside QC limits	24031
ES-29	9/3/2010	Primary Sample	8260B	Ethylbenzene	0.16	µg/L	U	UJ	IV	Surrogate recovery was outside QC limits	24031
ES-29	9/3/2010	Primary Sample	8260B	Methyl ethyl ketone	2	µg/L	U	UJ	IV	Surrogate recovery was outside QC limits	24031
ES-29	9/3/2010	Primary Sample	8260B	Methylene chloride	0.32	µg/L	U	UJ	IV	Surrogate recovery was outside QC limits	24031
ES-29	9/3/2010	Primary Sample	8260B	m-Xylene & p-Xylene	0.34	µg/L	U	UJ	IV	Surrogate recovery was outside QC limits	24031
ES-29	9/3/2010	Primary Sample	8260B	o-Xylene	0.19	µg/L	U	UJ	IV	Surrogate recovery was outside QC limits	24031
ES-29	9/3/2010	Primary Sample	8260B	Tetrachloroethene	0.2	µg/L	U	UJ	IV	Surrogate recovery was outside QC limits	24031
ES-29	9/3/2010	Primary Sample	8260B	Toluene	0.17	µg/L	U	UJ	IV	Surrogate recovery was outside QC limits	24031
ES-29	9/3/2010	Primary Sample	8260B	trans-1,2-Dichloroethene	0.15	µg/L	U	UJ	IV	Surrogate recovery was outside QC limits	24031
ES-29	9/3/2010	Primary Sample	8260B	Trichloroethene	12	µg/L		J	IV	Surrogate recovery was outside QC limits	24031
ES-29	9/3/2010	Primary Sample	8260B	Trichlorofluoromethane	0.29	µg/L	U	UJ	IV	Surrogate recovery was outside QC limits	24031
ES-29	9/3/2010	Primary Sample	8260B	Vinyl chloride	0.4	µg/L	U	UJ	IV	Surrogate recovery was outside QC limits	24031
HAR-01	8/18/2010	Primary Sample	8260B	Acetone	5	µg/L	J	J	V	Compound was reported below the RL	24081
HAR-01	8/18/2010	Primary Sample	8260B	Chloroform	0.34	µg/L	J	J	V	Compound was reported below the RL	24081
HAR-01	8/18/2010	Primary Sample	8260B	Methylene chloride	5	µg/L	JB	U	V	Presumed contamination from preparation (method) blank	24081
HAR-01	8/18/2010	Primary Sample	8260B	Tetrachloroethene	0.23	µg/L	J	J	V	Compound was reported below the RL	24081
HAR-01	8/18/2010	Primary Sample	8315A	Formaldehyde	50	µg/L	JB	U	V	Presumed contamination from preparation (method) blank	24081
HAR-03	8/12/2010	Primary Sample	8015B	Gasoline Range Organics (C12-C14)	0.032	mg/L	U	UJ	V	limits	24029
HAR-03	8/12/2010	Primary Sample	8270C	1,4-Naphthoquinone	14	µg/L	U	UJ	IV	noncompliant	24029
HAR-03	8/12/2010	Primary Sample	8270C	Diethyl phthalate	0.76	µg/L	J	J	IV	Compound was reported below the RL	24029
HAR-03	8/12/2010	Primary Sample	8270C	Methyl methanesulfonate	1	µg/L	U	UJ	IV	noncompliant	24029
HAR-03	8/12/2010	Primary Sample	8270C	p-Phenylenediamine	5	µg/L	U	UJ	IV	noncompliant	24029
HAR-03	8/12/2010	Primary Sample	8315A	Formaldehyde	50	µg/L	JB	U	V	Presumed contamination from preparation (method) blank	24029
HAR-03	8/12/2010	Split Sample	8270C	4-Nitroquinoline-1-oxide	2.83	µg/L	U	UJ	IV	Calibration RRF < 0.05	23935
HAR-03	8/12/2010	Split Sample	8270C	Aramite	2.83	µg/L	U	UJ	IV	Calibration RRF < 0.05	23935
HAR-03	8/12/2010	Split Sample	8270C	Benzo(ghi)perylene	0.189	µg/L	U	UJ	IV	noncompliant	23935
HAR-03	8/12/2010	Split Sample	8270C	Benzyl alcohol	1.89	µg/L	U	UJ	IV	noncompliant	23935
HAR-03	8/12/2010	Split Sample	8270C	Hexachlorocyclopentadiene	2.83	µg/L	U	UJ	IV	noncompliant	23935
HAR-03	8/12/2010	Split Sample	8270C	Methapyrilene	2.83	µg/L	U	UJ	IV	noncompliant	23935
HAR-03	8/12/2010	Split Sample	8270C	p-Nitroaniline	2.83	µg/L	U	UJ	IV	noncompliant	23935
HAR-03	8/12/2010	Field Duplicate	8270C	1,4-Naphthoquinone	14	µg/L	U	UJ	IV	noncompliant	24029
HAR-03	8/12/2010	Field Duplicate	8270C	Diethyl phthalate	0.52	µg/L	J	J	IV	Compound was reported below the RL	24029
HAR-03	8/12/2010	Field Duplicate	8270C	Methyl methanesulfonate	1	µg/L	U	UJ	IV	noncompliant	24029
HAR-03	8/12/2010	Field Duplicate	8270C	p-Phenylenediamine	5	µg/L	U	UJ	IV	noncompliant	24029
HAR-04	8/5/2010	Primary Sample	314.0	Perchlorate	0.7	µg/L	J	J	V	Compound was reported below the RL	24029
HAR-04	8/5/2010	Primary Sample	8260B	Acetone	8.6	µg/L	J	J	V	Compound was reported below the RL	24029
HAR-04	8/5/2010	Primary Sample	8260B SIM	1,4-Dioxane	3	µg/L	JB	U	V	Presumed contamination from preparation (method) blank	24029

TABLE A-3
SUMMARY OF DATA QUALIFICATION, THIRD QUARTER 2010
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well Identifier:	Collection Date:	Sample Type:	Analytical Method:	Parameter:	Sample Result:	Units:	Lab Qualifier Code:	Validator Qualifier Code:	Validation Level:	Validation Notes:	Validation Report:
HAR-04	8/5/2010	Primary Sample	8315A	Formaldehyde	50	µg/L	JB	U	V	Presumed contamination from preparation (method) blank	24029
HAR-04	8/5/2010	Primary Sample	9040B	pH	6.86	pH Units	HTV	J	V	Holding time was exceeded	24029
HAR-05	7/28/2010	Primary Sample	300.0	Fluoride	0.37	mg/L	J	J	V	Compound was reported below the RL	23977
HAR-05	7/28/2010	Primary Sample	300.0	Nitrate-NO3	0.44	mg/L	J	J	V	Compound was reported below the RL	23977
HAR-05	7/28/2010	Primary Sample	350.1	Ammonia-N	0.12	mg/L	J	J	V	Compound was reported below the RL	23977
HAR-05	7/28/2010	Primary Sample	8260B	cis-1,2-Dichloroethene	0.15	µg/L	J	J	V	Compound was reported below the RL	23977
HAR-05	7/28/2010	Primary Sample	8260B	Methylene chloride	5	µg/L	J	U	V	Presumed contamination from trip blank	23977
HAR-05	7/28/2010	Primary Sample	8260B	m-Xylene & p-Xylene	0.34	µg/L	J	J	V	Compound was reported below the RL	23977
HAR-05	7/28/2010	Primary Sample	8260B	o-Xylene	0.25	µg/L	J	J	V	Compound was reported below the RL	23977
HAR-05	7/28/2010	Primary Sample	8260B	Trichloroethene	0.6	µg/L	J	J	V	Compound was reported below the RL	23977
HAR-05	7/28/2010	Primary Sample	8260B SIM	1,4-Dioxane	3	µg/L	JB	U	V	Presumed contamination from preparation (method) and trip blank	23977
HAR-05	7/28/2010	Primary Sample	8315A	Formaldehyde	50	µg/L	JB	U	V	Presumed contamination from preparation (method) blank	23977
HAR-07	8/16/2010	Primary Sample	8260B	trans-1,2-Dichloroethene	45	µg/L		J	V	Surrogate recovery was outside QC limits	24042
HAR-07	8/16/2010	Primary Sample	8260B	Vinyl chloride	21	µg/L		J	V	Surrogate recovery was outside QC limits	24042
HAR-07	8/16/2010	Primary Sample	300.0	Fluoride	0.28	mg/L	J	J	V	Compound was reported below the RL	24042
HAR-07	8/16/2010	Primary Sample	8315A	Formaldehyde	50	µg/L	JB	U	V	Presumed contamination from preparation (method) blank	24042
HAR-07	8/16/2010	Primary Sample	9040B	pH	6.73	pH Units	HTV	J	V	Holding time was exceeded	24042
HAR-08	8/3/2010	Primary Sample	300.0	Fluoride	0.22	mg/L	J	J	V	Compound was reported below the RL	24000
HAR-08	8/3/2010	Primary Sample	8260B	Acetone	10	µg/L	JB	U	V	Presumed contamination from preparation (method) and trip blank	24000
HAR-08	8/3/2010	Primary Sample	8260B	m-Xylene & p-Xylene	0.42	µg/L	J	J	V	Compound was reported below the RL	24000
HAR-08	8/3/2010	Primary Sample	8260B	o-Xylene	0.35	µg/L	J	J	V	Compound was reported below the RL	24000
HAR-08	8/3/2010	Primary Sample	8260B SIM	1,4-Dioxane	3	µg/L	JB	U	V	Presumed contamination from preparation (method) and trip blank	24000
HAR-08	8/3/2010	Primary Sample	8315A	Formaldehyde	50	µg/L	JB	U	V	Presumed contamination from preparation (method) blank	24000
HAR-08	8/3/2010	Primary Sample	9040B	pH	7	pH Units	HTV	J	V	Holding time was exceeded	24000
HAR-09	7/30/2010	Primary Sample	350.1	Ammonia-N	0.44	mg/L	J	J	V	Compound was reported below the RL	23917
HAR-09	7/30/2010	Primary Sample	4500	Sulfide	0.098	mg/L	J	J	V	Compound was reported below the RL	23917
HAR-09	7/30/2010	Primary Sample	6020	Antimony	0.00011	mg/L	J	J	V	Compound was reported below the RL	23917
HAR-09	7/30/2010	Primary Sample	6020	Cadmium	0.00017	mg/L	J	J	V	Compound was reported below the RL	23917
HAR-09	7/30/2010	Primary Sample	6020	Chromium	0.00081	mg/L	J	J	V	Compound was reported below the RL	23917
HAR-09	7/30/2010	Primary Sample	6020	Cobalt	0.00038	mg/L	J	J	V	Compound was reported below the RL	23917
HAR-09	7/30/2010	Primary Sample	6020	Copper	0.0015	mg/L	J	J	V	Compound was reported below the RL	23917
HAR-09	7/30/2010	Primary Sample	6020	Thallium	0.000026	mg/L	J	J	V	Compound was reported below the RL	23917
HAR-09	7/30/2010	Primary Sample	6020	Tin	0.00025	mg/L	J	J	V	Compound was reported below the RL	23917
HAR-09	7/30/2010	Primary Sample	6020	Vanadium	0.0012	mg/L	J	J	V	Compound was reported below the RL	23917
HAR-09	7/30/2010	Primary Sample	6020	Zinc	0.0023	mg/L	J	J	V	Compound was reported below the RL	23917
HAR-09	7/30/2010	Primary Sample	9012	Cyanides	0.0043	mg/L	JB	U	V	Presumed contamination from preparation (method) blank	23917
HAR-09	7/30/2010	Primary Sample	7470A	Mercury	0.000089	mg/L	JB	U	V	Presumed contamination from preparation (method) blank	23917
HAR-09	7/30/2010	Primary Sample	8260B	Acetone	10	µg/L	JB	U	V	Presumed contamination from preparation (method) and trip blank	23917
HAR-09	7/30/2010	Primary Sample	8260B SIM	1,4-Dioxane	3	µg/L	J	U	V	Presumed contamination from trip blank	23917
HAR-09	7/30/2010	Primary Sample	8270C	4-Aminobiphenyl	4.3	µg/L	U	UJ	IV	noncompliant	23917
HAR-09	7/30/2010	Primary Sample	8270C	4-Nitroquinoline-1-oxide	19	µg/L	U	UJ	IV	noncompliant	23917
HAR-09	7/30/2010	Primary Sample	8270C	Benzyl alcohol	0.32	µg/L	J	J	IV	Compound was reported below the RL	23917

TABLE A-3
SUMMARY OF DATA QUALIFICATION, THIRD QUARTER 2010
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well Identifier:	Collection Date:	Sample Type:	Analytical Method:	Parameter:	Sample Result:	Units:	Lab Qualifier Code:	Validator Qualifier Code:	Validation Level:	Validation Notes:	Validation Report:
HAR-09	7/30/2010	Primary Sample	8270C	bis(2-Ethylhexyl) phthalate	9.5	µg/L	JB	U	IV	Presumed contamination from preparation (method) blank	23917
HAR-09	7/30/2010	Primary Sample	8270C	Hexachloropropene	1.9	µg/L	U	UJ	IV	noncompliant	23917
HAR-09	7/30/2010	Primary Sample	8270C	Isosafrole	0.33	µg/L	U	UJ	IV	noncompliant	23917
HAR-09	7/30/2010	Primary Sample	8270C	Methapyrilene	19	µg/L	U	UJ	IV	noncompliant	23917
HAR-09	7/30/2010	Primary Sample	8270C	n-Nitrosodi-n-butylamine	1.2	µg/L	U	UJ	IV	noncompliant	23917
HAR-09	7/30/2010	Primary Sample	8270C	o,o,o-Triethylphosphorothioate	1.9	µg/L	U	UJ	IV	noncompliant	23917
HAR-09	7/30/2010	Primary Sample	8270C	o-Tolidine	3.8	µg/L	U	UJ	IV	noncompliant	23917
HAR-09	7/30/2010	Primary Sample	8270C	Pentachloronitrobenzene	1.9	µg/L	U	UJ	IV	noncompliant	23917
HAR-09	7/30/2010	Primary Sample	8270C	Pronamide	1.9	µg/L	U	UJ	IV	noncompliant	23917
HAR-09	7/30/2010	Primary Sample	8315A	Formaldehyde	50	µg/L	JB	U	V	Presumed contamination from preparation (method) blank	23917
HAR-09	8/2/2010	Primary Sample	300.0	Fluoride	0.36	mg/L	J	J	V	Compound was reported below the RL	24000
HAR-09	8/2/2010	Primary Sample	6020	Antimony, Dissolved	0.0002	mg/L	J	J	V	Compound was reported below the RL	24000
HAR-09	8/2/2010	Primary Sample	6020	Cobalt, Dissolved	0.00028	mg/L	J	J	V	Compound was reported below the RL	24000
HAR-09	8/2/2010	Primary Sample	6020	Silver, Dissolved	0.000028	mg/L	J	J	V	Compound was reported below the RL	24000
HAR-09	8/2/2010	Primary Sample	6020	Thallium, Dissolved	0.000038	mg/L	J	J	V	Compound was reported below the RL	24000
HAR-09	8/2/2010	Primary Sample	6020	Tin, Dissolved	0.00026	mg/L	J	J	V	Compound was reported below the RL	24000
HAR-09	8/2/2010	Primary Sample	6020	Vanadium, Dissolved	0.0014	mg/L	J	J	V	Compound was reported below the RL	24000
HAR-09	8/2/2010	Primary Sample	8290	Octachlorodibenzo-p-dioxin	2.5	pg/L	JQC	J	V	Compound was reported below the RL	23864
HAR-09	8/2/2010	Primary Sample	9040B	pH	7.26	pH Units	HTV	J	V	Holding time was exceeded	24000
HAR-09	8/2/2010	Split Sample	300.0	Nitrate-NO3	0.33	mg/L	HU	UJ	V	Holding time was exceeded	23864
HAR-09	8/2/2010	Split Sample	9040C	pH	7.34	pH Units	H	J	V	Holding time was exceeded	23864
HAR-11	8/3/2010	Primary Sample	350.1	Ammonia-N	0.13	mg/L	J	J	V	Compound was reported below the RL	24000
HAR-11	8/3/2010	Primary Sample	8015B	Diesel Range Organics (C21-C30)	0.079	mg/L	J	J	V	Compound was reported below the RL	24000
HAR-11	8/3/2010	Primary Sample	8015B	Kerosene Range (C15-C20)	0.2	mg/L	J	J	V	Compound was reported below the RL	24000
HAR-11	8/3/2010	Primary Sample	8260B	cis-1,2-Dichloroethene	5.6	µg/L		J	V	Surrogate recovery was outside QC limits	24000
HAR-11	8/3/2010	Primary Sample	8260B SIM	1,4-Dioxane	3	µg/L	JB	U	V	Presumed contamination from preparation (method) and trip blank	24000
HAR-11	8/3/2010	Primary Sample	8315A	Formaldehyde	50	µg/L	JB	U	V	Presumed contamination from preparation (method) blank	24000
HAR-12	8/10/2010	Primary Sample	6020	Antimony	0.000095	mg/L	JB	U	V	Presumed contamination from preparation (method) blank	24029
HAR-12	8/10/2010	Primary Sample	6020	Antimony, Dissolved	0.00011	mg/L	J	J	V	Compound was reported below the RL	24029
HAR-12	8/10/2010	Primary Sample	6020	Arsenic	0.00045	mg/L	J	J	V	Compound was reported below the RL	24029
HAR-12	8/10/2010	Primary Sample	6020	Arsenic, Dissolved	0.00047	mg/L	J	J	V	Compound was reported below the RL	24029
HAR-12	8/10/2010	Primary Sample	6020	Cobalt	0.000093	mg/L	J	J	V	Compound was reported below the RL	24029
HAR-12	8/10/2010	Primary Sample	6020	Cobalt, Dissolved	0.000092	mg/L	J	J	V	Compound was reported below the RL	24029
HAR-12	8/10/2010	Primary Sample	6020	Nickel	0.00093	mg/L	J	J	V	Compound was reported below the RL	24029
HAR-12	8/10/2010	Primary Sample	6020	Nickel, Dissolved	0.001	mg/L	J	J	V	Compound was reported below the RL	24029
HAR-12	8/10/2010	Primary Sample	6020	Selenium	0.00085	mg/L	J	J	V	Compound was reported below the RL	24029
HAR-12	8/10/2010	Primary Sample	6020	Selenium, Dissolved	0.00094	mg/L	J	J	V	Compound was reported below the RL	24029
HAR-12	8/10/2010	Primary Sample	6020	Silver, Dissolved	0.000023	mg/L	J	J	V	Compound was reported below the RL	24029
HAR-12	8/10/2010	Primary Sample	6020	Thallium	0.000022	mg/L	JB	U	V	Presumed contamination from preparation (method) blank	24029
HAR-12	8/10/2010	Primary Sample	6020	Thallium, Dissolved	0.000049	mg/L	JB	U	V	Presumed contamination from preparation (method) blank	24029
HAR-12	8/10/2010	Primary Sample	6020	Tin	0.00024	mg/L	JB	U	V	Presumed contamination from preparation (method) blank	24029
HAR-12	8/10/2010	Primary Sample	6020	Tin, Dissolved	0.00031	mg/L	J	J	V	Compound was reported below the RL	24029
HAR-12	8/10/2010	Primary Sample	6020	Vanadium	0.001	mg/L	J	J	V	Compound was reported below the RL	24029
HAR-12	8/10/2010	Primary Sample	6020	Vanadium, Dissolved	0.001	mg/L	J	J	V	Compound was reported below the RL	24029
HAR-12	8/10/2010	Primary Sample	6020	Zinc, Dissolved	0.0024	mg/L	J	J	V	Compound was reported below the RL	24029
HAR-12	8/10/2010	Primary Sample	9012	Cyanides	0.0036	mg/L	JB	U	V	Presumed contamination from preparation (method) blank	24029

TABLE A-3
SUMMARY OF DATA QUALIFICATION, THIRD QUARTER 2010
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well Identifier:	Collection Date:	Sample Type:	Analytical Method:	Parameter:	Sample Result:	Units:	Lab Qualifier Code:	Validator Qualifier Code:	Validation Level:	Validation Notes:	Validation Report:
HAR-12	8/10/2010	Primary Sample	6010B	Iron	0.05	mg/L	JB	U	V	Presumed contamination from preparation (method) blank	24029
HAR-12	8/10/2010	Primary Sample	6010B	Iron, Dissolved	0.038	mg/L	J	J	V	Compound was reported below the RL	24029
HAR-12	8/10/2010	Primary Sample	6010B	Manganese	0.0048	mg/L	J	J	V	Compound was reported below the RL	24029
HAR-12	8/10/2010	Primary Sample	6010B	Manganese, Dissolved	0.0035	mg/L	J	J	V	Compound was reported below the RL	24029
HAR-12	8/10/2010	Primary Sample	6010B	Potassium	2.6	mg/L	J	J	V	Compound was reported below the RL	24029
HAR-12	8/10/2010	Primary Sample	6010B	Potassium, Dissolved	2.7	mg/L	J	J	V	Compound was reported below the RL	24029
HAR-12	8/10/2010	Primary Sample	7470A	Mercury	0.000027	mg/L	U	UJ	V	MS/MSD recovery was poor	24029
HAR-12	8/10/2010	Primary Sample	7470A	Mercury, Dissolved	0.000036	mg/L	JB	U	V	Presumed contamination from preparation (method) blank	24029
HAR-12	8/10/2010	Primary Sample	8260B	1,1,2-Trichloro-1,2,2-trifluoroethane	4.6	µg/L	J	J	V	Compound was reported below the RL	24029
HAR-12	8/10/2010	Primary Sample	8260B SIM	1,4-Dioxane	3	µg/L	J	U	V	Presumed contamination from trip blank	24029
HAR-12	8/10/2010	Primary Sample	8270C	Hexachlorocyclopentadiene	1.6	µg/L	U	R	V	limits	24029
HAR-12	8/10/2010	Primary Sample	8315A	Formaldehyde	50	µg/L	JB	U	V	Presumed contamination from preparation (method) blank	24029
HAR-12	8/10/2010	Primary Sample	8321A	Hexachlorophene	30	µg/L	JB	U	V	Presumed contamination from preparation (method) blank	24029
HAR-12	8/10/2010	Primary Sample	300.0	Fluoride	0.45	mg/L	J	J	V	Compound was reported below the RL	24029
HAR-13	7/29/2010	Primary Sample	300.0	Fluoride	0.44	mg/L	J	J	V	Compound was reported below the RL	23917
HAR-13	7/29/2010	Primary Sample	314.0	Perchlorate	1.2	µg/L	J	J	V	Compound was reported below the RL	23917
HAR-13	7/29/2010	Primary Sample	6010B	Magnesium, Dissolved	4.9	mg/L	J	J	V	Compound was reported below the RL	23917
HAR-13	7/29/2010	Primary Sample	6010B	Manganese, Dissolved	0.0014	mg/L	J	J	V	Compound was reported below the RL	23917
HAR-13	7/29/2010	Primary Sample	6010B	Potassium	1.2	mg/L	J	J	V	Compound was reported below the RL	23917
HAR-13	7/29/2010	Primary Sample	6010B	Potassium, Dissolved	1	mg/L	J	J	V	Compound was reported below the RL	23917
HAR-13	7/29/2010	Primary Sample	6010B	Zinc	0.016	mg/L	J	J	V	Compound was reported below the RL	23917
HAR-13	7/29/2010	Primary Sample	8260B	1,1,1-Trichloroethane	0.16	µg/L	U	UJ	V	Surrogate recovery was outside QC limits	23917
HAR-13	7/29/2010	Primary Sample	8260B	1,1,2-Trichloro-1,2,2-trifluoroethane	3.3	µg/L	J	J	V	Surrogate recovery was outside QC limits; compound was reported below the RL	23917
HAR-13	7/29/2010	Primary Sample	8260B	1,1,2-Trichloroethane	0.27	µg/L	U	UJ	V	Surrogate recovery was outside QC limits	23917
HAR-13	7/29/2010	Primary Sample	8260B	1,1-Dichloroethane	0.22	µg/L	U	UJ	V	Surrogate recovery was outside QC limits	23917
HAR-13	7/29/2010	Primary Sample	8260B	1,1-Dichloroethene	0.23	µg/L	U	UJ	V	Surrogate recovery was outside QC limits	23917
HAR-13	7/29/2010	Primary Sample	8260B	1,2-Dichloroethane	0.13	µg/L	U	UJ	V	Surrogate recovery was outside QC limits	23917
HAR-13	7/29/2010	Primary Sample	8260B	Benzene	0.16	µg/L	U	UJ	V	Surrogate recovery was outside QC limits	23917
HAR-13	7/29/2010	Primary Sample	8260B	Carbon Tetrachloride	0.19	µg/L	U	UJ	V	Surrogate recovery was outside QC limits	23917
HAR-13	7/29/2010	Primary Sample	8260B	Chloroform	0.29	µg/L	J	J	V	Surrogate recovery was outside QC limits; compound was reported below the RL	23917
HAR-13	7/29/2010	Primary Sample	8260B	cis-1,2-Dichloroethene	0.15	µg/L	U	UJ	V	Surrogate recovery was outside QC limits	23917
HAR-13	7/29/2010	Primary Sample	8260B	Ethylbenzene	0.16	µg/L	U	UJ	V	Surrogate recovery was outside QC limits	23917
HAR-13	7/29/2010	Primary Sample	8260B	Isopropanol	13	µg/L	U	UJ	V	Surrogate recovery was outside QC limits	23917
HAR-13	7/29/2010	Primary Sample	8260B	Methyl ethyl ketone	2	µg/L	U	UJ	V	Surrogate recovery was outside QC limits	23917
HAR-13	7/29/2010	Primary Sample	8260B	Methylene chloride	0.32	µg/L	U	UJ	V	Surrogate recovery was outside QC limits	23917

TABLE A-3
SUMMARY OF DATA QUALIFICATION, THIRD QUARTER 2010
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well Identifier:	Collection Date:	Sample Type:	Analytical Method:	Parameter:	Sample Result:	Units:	Lab Qualifier Code:	Validator Qualifier Code:	Validation Level:	Validation Notes:	Validation Report:
HAR-13	7/29/2010	Primary Sample	8260B	m-Xylene & p-Xylene	0.34	µg/L	U	UJ	V	Surrogate recovery was outside QC limits	23917
HAR-13	7/29/2010	Primary Sample	8260B	o-Xylene	0.19	µg/L	U	UJ	V	Surrogate recovery was outside QC limits	23917
HAR-13	7/29/2010	Primary Sample	8260B	Tetrachloroethene	0.2	µg/L	U	UJ	V	Surrogate recovery was outside QC limits	23917
HAR-13	7/29/2010	Primary Sample	8260B	Toluene	0.17	µg/L	U	UJ	V	Surrogate recovery was outside QC limits	23917
HAR-13	7/29/2010	Primary Sample	8260B	trans-1,2-Dichloroethene	0.15	µg/L	U	UJ	V	Surrogate recovery was outside QC limits	23917
HAR-13	7/29/2010	Primary Sample	8260B	Trichloroethene	0.16	µg/L	J	J	V	Surrogate recovery was outside QC limits; compound was reported below the RL	23917
HAR-13	7/29/2010	Primary Sample	8260B	Trichlorofluoromethane	0.29	µg/L	U	UJ	V	Surrogate recovery was outside QC limits	23917
HAR-13	7/29/2010	Primary Sample	8260B	Vinyl chloride	0.4	µg/L	U	UJ	V	Surrogate recovery was outside QC limits	23917
HAR-13	7/29/2010	Primary Sample	8260B SIM	1,4-Dioxane	3	µg/L	JB	U	V	Presumed contamination from preparation (method) and trip blank	23917
HAR-13	7/29/2010	Primary Sample	8315A	Formaldehyde	50	µg/L	JB	U	V	Presumed contamination from preparation (method) blank	23917
HAR-13	7/29/2010	Primary Sample	9040B	pH	6.79	pH Units	HTV	J	V	Holding time was exceeded	23917
HAR-14	8/10/2010	Primary Sample	6010B	Iron	0.027	mg/L	JB	U	V	Presumed contamination from preparation (method) blank	24029
HAR-14	8/10/2010	Primary Sample	6010B	Manganese	0.0025	mg/L	J	J	V	Compound was reported below the RL	24029
HAR-14	8/10/2010	Primary Sample	6010B	Manganese, Dissolved	0.0022	mg/L	J	J	V	Compound was reported below the RL	24029
HAR-14	8/10/2010	Primary Sample	6010B	Potassium	3.6	mg/L	J	J	V	Compound was reported below the RL	24029
HAR-14	8/10/2010	Primary Sample	6010B	Potassium, Dissolved	3.6	mg/L	J	J	V	Compound was reported below the RL	24029
HAR-14	8/10/2010	Primary Sample	6010B	Zinc	0.0051	mg/L	J	J	V	Compound was reported below the RL	24029
HAR-14	8/10/2010	Primary Sample	6010B	Zinc, Dissolved	0.005	mg/L	J	J	V	Compound was reported below the RL	24029
HAR-14	8/10/2010	Primary Sample	8015B	Gasoline Range Organics (C12-C14)	0.032	mg/L	U	UJ	V	MS/MSD or Duplicate RPD was high	24029
HAR-14	8/10/2010	Primary Sample	8015B	Gasoline Range Organics (C8-C11)	0.078	mg/L	U	UJ	V	MS/MSD or Duplicate RPD was high	24029
HAR-14	8/10/2010	Primary Sample	8260B	1,1,1-Trichloroethane	0.33	µg/L	J	J	V	Compound was reported below the RL	24029
HAR-14	8/10/2010	Primary Sample	8260B	Carbon Tetrachloride	0.36	µg/L	J	J	V	Compound was reported below the RL	24029
HAR-14	8/10/2010	Primary Sample	8260B	Chloroform	0.97	µg/L	J	J	V	Compound was reported below the RL	24029
HAR-14	8/10/2010	Primary Sample	8315A	Formaldehyde	50	µg/L	JB	U	V	Presumed contamination from preparation (method) blank	24029
HAR-14	8/10/2010	Primary Sample	300.0	Fluoride	0.38	mg/L	J	J	V	Compound was reported below the RL	24029
HAR-15	8/9/2010	Primary Sample	300.0	Nitrate-NO3	0.49	mg/L	J	J	V	Compound was reported below the RL	24029
HAR-15	8/9/2010	Primary Sample	8260B	cis-1,2-Dichloroethene	0.36	µg/L	J	J	V	Compound was reported below the RL	24029
HAR-15	8/9/2010	Primary Sample	8260B	Trichloroethene	0.99	µg/L	J	J	V	Compound was reported below the RL	24029
HAR-15	8/9/2010	Primary Sample	8260B SIM	1,4-Dioxane	3	µg/L	J	U	V	Presumed contamination from trip blank	24029
HAR-15	8/9/2010	Primary Sample	8270C	1,4-Naphthoquinone	14	µg/L	U	UJ	IV	noncompliant	24029
HAR-15	8/9/2010	Primary Sample	8270C	bis(2-Ethylhexyl) phthalate	0.66	µg/L	J	J	IV	Compound was reported below the RL	24029
HAR-15	8/9/2010	Primary Sample	8270C	Methyl methanesulfonate	1	µg/L	U	UJ	IV	noncompliant	24029
HAR-15	8/9/2010	Primary Sample	8270C	p-Phenylenediamine	5	µg/L	U	UJ	IV	noncompliant	24029
HAR-15	8/9/2010	Primary Sample	8315A	Formaldehyde	50	µg/L	JB	U	V	Presumed contamination from preparation (method) blank	24029
HAR-15	8/9/2010	Split Sample	8270C	2,4-Dinitrophenol	5	µg/L	U	UJ	IV	noncompliant	23935
HAR-15	8/9/2010	Split Sample	8270C	4-Nitroquinoline-1-oxide	3	µg/L	U	UJ	IV	noncompliant; calibration RRF was < 0.05	23935
HAR-15	8/9/2010	Split Sample	8270C	Aramite	3	µg/L	U	UJ	IV	Calibration RRF < 0.05	23935
HAR-15	8/9/2010	Split Sample	8270C	Hexachlorocyclopentadiene	3	µg/L	U	UJ	IV	noncompliant	23935
HAR-15	8/9/2010	Split Sample	8270C	Pyridine	3	µg/L	U	UJ	IV	noncompliant	23935
HAR-15	8/9/2010	Field Duplicate	8270C	1,4-Naphthoquinone	14	µg/L	U	UJ	IV	noncompliant	24029
HAR-15	8/9/2010	Field Duplicate	8270C	bis(2-Ethylhexyl) phthalate	2.4	µg/L	J	J	IV	Compound was reported below the RL	24029

TABLE A-3
SUMMARY OF DATA QUALIFICATION, THIRD QUARTER 2010
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well Identifier:	Collection Date:	Sample Type:	Analytical Method:	Parameter:	Sample Result:	Units:	Lab Qualifier Code:	Validator Qualifier Code:	Validation Level:	Validation Notes:	Validation Report:
HAR-15	8/9/2010	Field Duplicate	8270C	Methyl methanesulfonate	1	µg/L	U	UJ	IV	noncompliant	24029
HAR-15	8/9/2010	Field Duplicate	8270C	p-Phenylenediamine	5.1	µg/L	U	UJ	IV	noncompliant	24029
HAR-16	8/16/2010	Primary Sample	300.0	Fluoride	0.37	mg/L	J	J	V	Compound was reported below the RL	24042
HAR-16	8/16/2010	Primary Sample	524.2	1,2,3-Trichloropropane	0.0023	µg/L	J	J	IV	Compound was reported below the RL	24042
HAR-16	8/16/2010	Primary Sample	1625M	n-Nitrosodimethylamine	2.1	µg/L		J	V	Field duplicate RPD exceeded criteria	24042
HAR-16	8/16/2010	Primary Sample	6010B	Iron	0.026	mg/L	J	J	V	Compound was reported below the RL	24042
HAR-16	8/16/2010	Primary Sample	6010B	Manganese	0.00067	mg/L	JB	U	V	Presumed contamination from preparation (method) blank	24042
HAR-16	8/16/2010	Primary Sample	6010B	Potassium	0.84	mg/L	J	J	V	Compound was reported below the RL	24042
HAR-16	8/16/2010	Primary Sample	6010B	Potassium, Dissolved	0.89	mg/L	J	J	V	Compound was reported below the RL	24042
HAR-16	8/16/2010	Primary Sample	8260B	1,1-Dichloroethene	7.2	µg/L		J	V	Surrogate recovery was outside QC limits	24042
HAR-16	8/16/2010	Primary Sample	8260B	cis-1,2-Dichloroethene	41	µg/L		J	V	Surrogate recovery was outside QC limits	24042
HAR-16	8/16/2010	Primary Sample	8260B	Methylene chloride	25	µg/L	JB	UJ	V	presumed contamination from preparation	24042
HAR-16	8/16/2010	Primary Sample	8260B	Tetrachloroethene	2.5	µg/L	J	J	V	Surrogate recovery was outside QC limits; compound was reported below the RL	24042
HAR-16	8/16/2010	Primary Sample	8260B	Trichlorofluoromethane	6.5	µg/L		J	V	Surrogate recovery was outside QC limits	24042
HAR-16	8/16/2010	Primary Sample	8315A	Formaldehyde	50	µg/L	JB	U	V	Presumed contamination from preparation (method) blank	24042
HAR-16	8/16/2010	Primary Sample	9040B	pH	6.62	pH Units	HTV	J	V	Holding time was exceeded	24042
HAR-16	8/16/2010	Field Duplicate	524.2	1,2,3-Trichloropropane	0.0031	µg/L	J	J	IV	Compound was reported below the RL	24042
HAR-16	8/16/2010	Field Duplicate	1625M	n-Nitrosodimethylamine	4.7	µg/L		J	V	Field duplicate RPD exceeded criteria	24042
HAR-19	8/5/2010	Primary Sample	300.0	Sulfate	1.8	mg/L	J	J	V	Compound was reported below the RL	24029
HAR-19	8/5/2010	Primary Sample	6010B	Iron	0.07	mg/L	J	J	V	Compound was reported below the RL	24029
HAR-19	8/5/2010	Primary Sample	8015B	Diesel Range Organics (C21-C30)	0.046	mg/L	J	J	V	Compound was reported below the RL	24029
HAR-19	8/5/2010	Primary Sample	8015B	Diesel Range Organics (C8-C30)	0.094	mg/L	J	J	V	Compound was reported below the RL	24029
HAR-19	8/5/2010	Primary Sample	8260B	1,1-Dichloroethene	0.4	µg/L	J	J	IV	Compound was reported below the RL	24029
HAR-19	8/5/2010	Primary Sample	8260B	Acetone	8.7	µg/L	J	J	IV	Compound was reported below the RL	24029
HAR-19	8/5/2010	Primary Sample	8260B	cis-1,2-Dichloroethene	150	µg/L		J	IV	Surrogate recovery was outside QC limits	24029
HAR-19	8/5/2010	Primary Sample	8260B	trans-1,2-Dichloroethene	150	µg/L		J	IV	Surrogate recovery was outside QC limits	24029
HAR-19	8/5/2010	Primary Sample	8260B	Trichloroethene	66	µg/L		J	IV	Surrogate recovery was outside QC limits	24029
HAR-19	8/5/2010	Primary Sample	8260B SIM	1,4-Dioxane	3	µg/L	JB	U	V	Presumed contamination from preparation (method) and trip blank	24029
HAR-19	8/5/2010	Primary Sample	8270C	1,4-Naphthoquinone	13	µg/L	U	UJ	IV	noncompliant	24029
HAR-19	8/5/2010	Primary Sample	8270C	Hexachlorocyclopentadiene	1.4	µg/L	U	R	IV	limits	24029
HAR-19	8/5/2010	Primary Sample	8270C	Hexachloropropene	1.9	µg/L	U	UJ	IV	noncompliant	24029
HAR-19	8/5/2010	Primary Sample	8270C	Methapyrilene	19	µg/L	U	UJ	IV	noncompliant	24029
HAR-19	8/5/2010	Primary Sample	8270C	o,o,o-Triethylphosphorothioate	1.9	µg/L	U	UJ	IV	noncompliant	24029
HAR-19	8/5/2010	Primary Sample	8270C	Pentachloronitrobenzene	1.9	µg/L	U	UJ	IV	noncompliant	24029
HAR-19	8/5/2010	Primary Sample	8270C	Pronamide	1.9	µg/L	U	UJ	IV	noncompliant	24029
HAR-19	8/5/2010	Primary Sample	8315A	Formaldehyde	50	µg/L	JB	U	V	Presumed contamination from preparation (method) blank	24029
HAR-19	8/5/2010	Primary Sample	9040B	pH	7.19	pH Units	HTV	J	V	Holding time was exceeded	24029
HAR-19	8/5/2010	Split Sample	8270C	2,4-Dinitrophenol	18.5	µg/L	U	UJ	V	noncompliant	23886
HAR-19	8/5/2010	Split Sample	8270C	4-Nitroquinoline-1-oxide	9.26	µg/L	U	UJ	V	noncompliant; calibration RRF was < 0.05	23886
HAR-19	8/5/2010	Split Sample	8270C	Aramite	9.26	µg/L	U	UJ	V	Calibration RRF < 0.05	23886
HAR-19	8/5/2010	Split Sample	8270C	Hexachlorocyclopentadiene	9.26	µg/L	U	UJ	V	noncompliant	23886
HAR-19	8/5/2010	Split Sample	8270C	Pyridine	9.26	µg/L	U	UJ	V	noncompliant	23886
HAR-19	8/5/2010	Field Duplicate	8270C	1,4-Naphthoquinone	13	µg/L	U	UJ	IV	noncompliant	24029
HAR-19	8/5/2010	Field Duplicate	8270C	4-Nitroquinoline-1-oxide	19	µg/L	U	UJ	IV	noncompliant	24029

TABLE A-3
SUMMARY OF DATA QUALIFICATION, THIRD QUARTER 2010
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well Identifier:	Collection Date:	Sample Type:	Analytical Method:	Parameter:	Sample Result:	Units:	Lab Qualifier Code:	Validator Qualifier Code:	Validation Level:	Validation Notes:	Validation Report:
HAR-19	8/5/2010	Field Duplicate	8270C	Hexachlorocyclopentadiene	1.5	µg/L	U	R	IV	limits	24029
HAR-19	8/5/2010	Field Duplicate	8270C	Hexachloropropene	1.9	µg/L	U	UJ	IV	noncompliant	24029
HAR-19	8/5/2010	Field Duplicate	8270C	Methapyrilene	19	µg/L	U	UJ	IV	noncompliant	24029
HAR-19	8/5/2010	Field Duplicate	8270C	n-Nitrosodi-n-butylamine	1.2	µg/L	U	UJ	IV	noncompliant	24029
HAR-19	8/5/2010	Field Duplicate	8270C	o,o,o-Triethylphosphorothioate	1.9	µg/L	U	UJ	IV	noncompliant	24029
HAR-19	8/5/2010	Field Duplicate	8270C	Pentachloronitrobenzene	1.9	µg/L	U	UJ	IV	noncompliant	24029
HAR-19	8/5/2010	Field Duplicate	8270C	Pronamide	1.9	µg/L	U	UJ	IV	noncompliant	24029
HAR-20	7/29/2010	Primary Sample	300.0	Fluoride	0.33	mg/L	J	J	V	Compound was reported below the RL	23917
HAR-20	7/29/2010	Primary Sample	8015B	Diesel Range Organics (C21-C30)	0.049	mg/L	J	J	V	Compound was reported below the RL	23917
HAR-20	7/29/2010	Primary Sample	8015B	Diesel Range Organics (C8-C30)	0.23	mg/L	J	J	V	Compound was reported below the RL	23917
HAR-20	7/29/2010	Primary Sample	8015B	Kerosene Range (C15-C20)	0.18	mg/L	J	J	V	Compound was reported below the RL	23917
HAR-20	7/29/2010	Primary Sample	8260B	Vinyl chloride	0.63	µg/L	J	J	V	Compound was reported below the RL	23917
HAR-20	7/29/2010	Primary Sample	8260B SIM	1,4-Dioxane	4.9	µg/L		U	V	Presumed contamination from trip blank	23917
HAR-20	7/29/2010	Primary Sample	8315A	Formaldehyde	50	µg/L	JB	U	V	Presumed contamination from preparation (method) blank	23917
HAR-21	8/2/2010	Primary Sample	300.0	Fluoride	0.47	mg/L	J	J	V	Compound was reported below the RL	24000
HAR-21	8/2/2010	Primary Sample	350.1	Ammonia-N	0.091	mg/L	J	J	V	Compound was reported below the RL	24000
HAR-21	8/2/2010	Primary Sample	1625M	n-Nitrosodimethylamine	0.034	µg/L		U	V	equipment rinse blank	24000
HAR-21	8/2/2010	Primary Sample	8015B	Diesel Range Organics (C21-C30)	0.069	mg/L	J	J	V	Compound was reported below the RL	24000
HAR-21	8/2/2010	Primary Sample	8015B	Diesel Range Organics (C8-C30)	0.097	mg/L	J	J	V	Compound was reported below the RL	24000
HAR-21	8/2/2010	Primary Sample	8260B	1,1-Dichloroethene	0.26	µg/L	J	J	V	Compound was reported below the RL	24000
HAR-21	8/2/2010	Primary Sample	8260B	Methylene chloride	5	µg/L	JB	U	V	Presumed contamination from preparation (method) and trip blank	24000
HAR-21	8/2/2010	Primary Sample	8260B	Trichloroethene	0.39	µg/L	J	J	V	Compound was reported below the RL	24000
HAR-21	8/2/2010	Primary Sample	8260B SIM	1,4-Dioxane	3	µg/L	J	U	V	Presumed contamination from trip blank	24000
HAR-21	8/2/2010	Primary Sample	8270C	1,3-Dinitrobenzene	1.9	µg/L	U	R	V	Surrogate recovery was outside QC limits	24000
HAR-21	8/2/2010	Primary Sample	8270C	Nitrobenzene	0.77	µg/L	U	R	V	Surrogate recovery was outside QC limits	24000
HAR-21	8/2/2010	Primary Sample	8315A	Formaldehyde	50	µg/L	JB	U	V	Presumed contamination from preparation (method) blank	24000
HAR-21	8/2/2010	Field Duplicate	1625M	n-Nitrosodimethylamine	0.045	µg/L		U	V	equipment rinse blank	24000
HAR-23	8/5/2010	Primary Sample	300.0	Fluoride	0.45	mg/L	J	J	V	Compound was reported below the RL	24029
HAR-23	8/5/2010	Primary Sample	8260B	Trichloroethene	2	µg/L		J	V	Surrogate recovery was outside QC limits	24029
HAR-23	8/5/2010	Primary Sample	8260B SIM	1,4-Dioxane	3	µg/L	JB	U	V	Presumed contamination from preparation (method) and trip blank	24029
HAR-23	8/5/2010	Primary Sample	8315A	Formaldehyde	50	µg/L	JB	U	V	Presumed contamination from preparation (method) blank	24029
HAR-23	8/5/2010	Primary Sample	9040B	pH	7.21	pH Units	HTV	J	V	Holding time was exceeded	24029
HAR-25	7/30/2010	Primary Sample	8260B	Acetone	5.8	µg/L	J	J	V	Compound was reported below the RL	23917
HAR-25	7/30/2010	Primary Sample	8260B	Chloroform	0.25	µg/L	J	J	V	Compound was reported below the RL	23917
HAR-25	7/30/2010	Primary Sample	8260B	Methylene chloride	5	µg/L	J	U	V	Presumed contamination from trip blank	23917
HAR-25	7/30/2010	Primary Sample	8260B	Tetrachloroethene	0.93	µg/L	J	J	V	Compound was reported below the RL	23917
HAR-25	7/30/2010	Primary Sample	8260B SIM	1,4-Dioxane	3	µg/L	J	U	V	Presumed contamination from trip blank	23917
HAR-25	7/30/2010	Primary Sample	8315A	Formaldehyde	50	µg/L	JB	U	V	Presumed contamination from preparation (method) blank	23917
HAR-26	8/9/2010	Primary Sample	8260B SIM	1,4-Dioxane	3	µg/L	J	U	V	Presumed contamination from trip blank	24029
HAR-26	8/9/2010	Primary Sample	8270C	1,4-Naphthoquinone	13	µg/L	U	UJ	IV	noncompliant	24029
HAR-26	8/9/2010	Primary Sample	8270C	bis(2-Ethylhexyl) phthalate	95	µg/L		J	IV	Field duplicate RPD exceeded criteria	24029
HAR-26	8/9/2010	Primary Sample	8270C	Methyl methanesulfonate	0.97	µg/L	U	UJ	IV	noncompliant	24029

TABLE A-3
SUMMARY OF DATA QUALIFICATION, THIRD QUARTER 2010
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well Identifier:	Collection Date:	Sample Type:	Analytical Method:	Parameter:	Sample Result:	Units:	Lab Qualifier Code:	Validator Qualifier Code:	Validation Level:	Validation Notes:	Validation Report:
HAR-26	8/9/2010	Primary Sample	8270C	p-Phenylenediamine	4.8	µg/L	U	UJ	IV	noncompliant	24029
HAR-26	8/9/2010	Primary Sample	8315A	Formaldehyde	50	µg/L	JB	U	V	Presumed contamination from preparation (method) blank	24029
HAR-26	8/9/2010	Split Sample	8270C	2,4-Dinitrophenol	4.9	µg/L	U	UJ	IV	noncompliant	23935
HAR-26	8/9/2010	Split Sample	8270C	4-Nitroquinoline-1-oxide	2.94	µg/L	U	UJ	IV	noncompliant; calibration RRF was < 0.05	23935
HAR-26	8/9/2010	Split Sample	8270C	Aramite	2.94	µg/L	U	UJ	IV	Calibration RRF < 0.05	23935
HAR-26	8/9/2010	Split Sample	8270C	Hexachlorocyclopentadiene	2.94	µg/L	U	UJ	IV	noncompliant	23935
HAR-26	8/9/2010	Split Sample	8270C	Pyridine	2.94	µg/L	U	UJ	IV	noncompliant	23935
HAR-26	8/9/2010	Field Duplicate	8270C	1,4-Naphthoquinone	14	µg/L	U	UJ	IV	noncompliant	24029
HAR-26	8/9/2010	Field Duplicate	8270C	bis(2-Ethylhexyl) phthalate	160	µg/L		J	IV	Field duplicate RPD exceeded criteria	24029
HAR-26	8/9/2010	Field Duplicate	8270C	Methyl methanesulfonate	1	µg/L	U	UJ	IV	noncompliant	24029
HAR-26	8/9/2010	Field Duplicate	8270C	p-Phenylenediamine	5	µg/L	U	UJ	IV	noncompliant	24029
HAR-27	8/10/2010	Primary Sample	6010B	Potassium	1.8	mg/L	J	J	V	Compound was reported below the RL	24029
HAR-27	8/10/2010	Primary Sample	6010B	Potassium, Dissolved	1.9	mg/L	J	J	V	Compound was reported below the RL	24029
HAR-27	8/10/2010	Primary Sample	6010B	Zinc	0.012	mg/L	J	J	V	Compound was reported below the RL	24029
HAR-27	8/10/2010	Primary Sample	6010B	Zinc, Dissolved	0.018	mg/L	J	J	V	Compound was reported below the RL	24029
HAR-27	8/10/2010	Primary Sample	8260B	cis-1,2-Dichloroethene	2.3	µg/L		J	V	Surrogate recovery was outside QC limits	24029
HAR-27	8/10/2010	Primary Sample	8260B	trans-1,2-Dichloroethene	1	µg/L		J	V	Surrogate recovery was outside QC limits	24029
HAR-27	8/10/2010	Primary Sample	8260B	Vinyl chloride	1	µg/L		J	V	Surrogate recovery was outside QC limits	24029
HAR-27	8/10/2010	Primary Sample	8260B SIM	1,4-Dioxane	3	µg/L	J	U	V	Presumed contamination from trip blank	24029
HAR-28	8/10/2010	Primary Sample	6010B	Manganese	0.0053	mg/L	J	J	V	Compound was reported below the RL	24029
HAR-28	8/10/2010	Primary Sample	6010B	Zinc	0.0053	mg/L	J	J	V	Compound was reported below the RL	24029
HAR-28	8/10/2010	Primary Sample	6010B	Zinc, Dissolved	0.0047	mg/L	J	J	V	Compound was reported below the RL	24029
HAR-28	8/10/2010	Primary Sample	8260B SIM	1,4-Dioxane	3	µg/L	J	U	V	Presumed contamination from trip blank	24029
HAR-28	8/10/2010	Primary Sample	8315A	Formaldehyde	50	µg/L	JB	U	V	Presumed contamination from preparation (method) blank	24029
HAR-28	8/10/2010	Primary Sample	300.0	Fluoride	0.22	mg/L	J	J	V	Compound was reported below the RL	24029
HAR-29	8/11/2010	Primary Sample	6010B	Manganese	0.0016	mg/L	J	J	V	Compound was reported below the RL	24029
HAR-29	8/11/2010	Primary Sample	6010B	Manganese, Dissolved	0.0017	mg/L	J	J	V	Compound was reported below the RL	24029
HAR-29	8/11/2010	Primary Sample	6010B	Potassium	3.8	mg/L	J	J	V	Compound was reported below the RL	24029
HAR-29	8/11/2010	Primary Sample	6010B	Potassium, Dissolved	3.8	mg/L	J	J	V	Compound was reported below the RL	24029
HAR-29	8/11/2010	Primary Sample	6010B	Zinc	0.0072	mg/L	J	J	V	Compound was reported below the RL	24029
HAR-29	8/11/2010	Primary Sample	6010B	Zinc, Dissolved	0.0085	mg/L	J	J	V	Compound was reported below the RL	24029
HAR-29	8/11/2010	Primary Sample	8015B	Gasoline Range Organics (C12-C14)	0.03	mg/L	U	UJ	V	MS/MSD or Duplicate RPD was high	24029
HAR-29	8/11/2010	Primary Sample	8015B	Gasoline Range Organics (C8-C11)	0.073	mg/L	U	UJ	V	MS/MSD or Duplicate RPD was high	24029
HAR-29	8/11/2010	Primary Sample	8260B SIM	1,4-Dioxane	3	µg/L	J	U	V	Presumed contamination from trip blank	24029
HAR-29	8/11/2010	Primary Sample	300.0	Fluoride	0.29	mg/L	J	J	V	Compound was reported below the RL	24029
HAR-29	8/11/2010	Primary Sample	314.0	Perchlorate	0.77	µg/L	J	J	V	Compound was reported below the RL	24029
HAR-29	8/11/2010	Primary Sample	8315A	Formaldehyde	50	µg/L	JB	U	V	Presumed contamination from preparation (method) blank	24029
HAR-29	8/11/2010	Primary Sample	9040B	pH	7.1	pH Units	HTV	J	V	Holding time was exceeded	24029
HAR-30	8/9/2010	Primary Sample	6010B	Potassium	2.4	mg/L	J	J	V	Compound was reported below the RL	24029
HAR-30	8/9/2010	Primary Sample	6010B	Potassium, Dissolved	2.5	mg/L	J	J	V	Compound was reported below the RL	24029
HAR-30	8/9/2010	Primary Sample	8260B SIM	1,4-Dioxane	3	µg/L	J	U	V	Presumed contamination from trip blank	24029
HAR-30	8/9/2010	Primary Sample	8315A	Formaldehyde	50	µg/L	JB	U	V	Presumed contamination from preparation (method) blank	24029
HAR-31	7/28/2010	Primary Sample	350.1	Ammonia-N	0.074	mg/L	J	J	IV	Compound was reported below the RL	23977
HAR-31	7/28/2010	Primary Sample	6010B	Manganese	0.0004	mg/L	JB	U	V	Presumed contamination from preparation (method) blank	23977

TABLE A-3
SUMMARY OF DATA QUALIFICATION, THIRD QUARTER 2010
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well Identifier:	Collection Date:	Sample Type:	Analytical Method:	Parameter:	Sample Result:	Units:	Lab Qualifier Code:	Validator Qualifier Code:	Validation Level:	Validation Notes:	Validation Report:
HAR-31	7/28/2010	Primary Sample	6010B	Manganese, Dissolved	0.00034	mg/L	J	J	V	Compound was reported below the RL	23977
HAR-31	7/28/2010	Primary Sample	6010B	Potassium	1.2	mg/L	J	J	V	Compound was reported below the RL	23977
HAR-31	7/28/2010	Primary Sample	6010B	Potassium, Dissolved	1.3	mg/L	J	J	V	Compound was reported below the RL	23977
HAR-31	7/28/2010	Primary Sample	6010B	Zinc	0.0056	mg/L	J	J	V	Compound was reported below the RL	23977
HAR-31	7/28/2010	Primary Sample	8260B	Methylene chloride	5	µg/L	J	U	V	Presumed contamination from trip blank	23977
HAR-31	7/28/2010	Primary Sample	8260B	Trichloroethene	0.2	µg/L	J	J	V	Compound was reported below the RL	23977
HAR-31	7/28/2010	Primary Sample	8260B SIM	1,4-Dioxane	3	µg/L	JB	U	V	Presumed contamination from preparation (method) and trip blank	23977
HAR-31	7/28/2010	Primary Sample	8315A	Formaldehyde	50	µg/L	JB	U	V	Presumed contamination from preparation (method) blank	23977
HAR-31	7/28/2010	Primary Sample	DV-WC-0077	Hydrazine	1	µg/L	JB	U	V	Presumed contamination from preparation (method) blank	23977
HAR-32	8/2/2010	Primary Sample	350.1	Ammonia-N	0.068	mg/L	J	J	V	Compound was reported below the RL	24000
HAR-32	8/2/2010	Primary Sample	8260B	1,1-Dichloroethane	1.9	µg/L	J	J	V	Compound was reported below the RL	24000
HAR-32	8/2/2010	Primary Sample	8260B SIM	1,4-Dioxane	3.3	µg/L		U	V	Presumed contamination from trip blank	24000
HAR-32	8/2/2010	Primary Sample	8315A	Formaldehyde	50	µg/L	JB	U	V	Presumed contamination from preparation (method) blank	24000
HAR-32	8/2/2010	Primary Sample	9040B	pH	7.19	pH Units	HTV	J	V	Holding time was exceeded	24000
HAR-33	8/9/2010	Primary Sample	350.1	Ammonia-N	0.18	mg/L	J	J	V	Compound was reported below the RL	24029
HAR-33	8/9/2010	Primary Sample	8260B	Acetone	5.6	µg/L	J	J	IV	Compound was reported below the RL	24029
HAR-33	8/9/2010	Primary Sample	8260B	Carbon Tetrachloride	0.19	µg/L	U	UJ	IV	noncompliant	24029
HAR-33	8/9/2010	Primary Sample	8260B	Methyl ethyl ketone	2	µg/L	U	UJ	IV	noncompliant	24029
HAR-33	8/9/2010	Primary Sample	8260B	Trichlorofluoromethane	0.29	µg/L	U	UJ	IV	noncompliant	24029
HAR-33	8/9/2010	Primary Sample	8260B SIM	1,4-Dioxane	3	µg/L	J	U	V	Presumed contamination from trip blank	24029
HAR-33	8/9/2010	Primary Sample	8270C	1,4-Naphthoquinone	13	µg/L	U	UJ	IV	noncompliant	24029
HAR-33	8/9/2010	Primary Sample	8270C	Methyl methanesulfonate	0.95	µg/L	U	UJ	IV	noncompliant	24029
HAR-33	8/9/2010	Primary Sample	8270C	p-Phenylenediamine	4.7	µg/L	U	UJ	IV	noncompliant	24029
HAR-33	8/9/2010	Primary Sample	8315A	Formaldehyde	50	µg/L	JB	U	V	Presumed contamination from preparation (method) blank	24029
HAR-33	8/9/2010	Split Sample	8270C	4-Nitroquinoline-1-oxide	2.83	µg/L	U	UJ	IV	noncompliant; calibration RRF was < 0.05	23935
HAR-33	8/9/2010	Split Sample	8270C	Aramite	2.83	µg/L	U	UJ	IV	Calibration RRF < 0.05	23935
HAR-33	8/9/2010	Split Sample	8270C	Hexachlorocyclopentadiene	2.83	µg/L	U	UJ	IV	noncompliant	23935
HAR-33	8/9/2010	Split Sample	8270C	Pyridine	2.83	µg/L	U	UJ	IV	noncompliant	23935
HAR-33	8/9/2010	Field Duplicate	8270C	1,4-Naphthoquinone	13	µg/L	U	UJ	IV	noncompliant	24029
HAR-33	8/9/2010	Field Duplicate	8270C	bis(2-Ethylhexyl) phthalate	0.56	µg/L	J	J	IV	Compound was reported below the RL	24029
HAR-33	8/9/2010	Field Duplicate	8270C	Methyl methanesulfonate	0.97	µg/L	U	UJ	IV	noncompliant	24029
HAR-33	8/9/2010	Field Duplicate	8270C	p-Phenylenediamine	4.8	µg/L	U	UJ	IV	noncompliant	24029
OS-04	8/12/2010	Primary Sample	300.0	Fluoride	0.45	mg/L	J	J	V	Compound was reported below the RL	24029
OS-04	8/12/2010	Primary Sample	8260B	Methylene chloride	5	µg/L	JB	U	V	Presumed contamination from preparation (method) and trip blank	24029
OS-16	7/22/2010	Primary Sample	8260B	Methylene chloride	5	µg/L	JB	U	V	Presumed contamination from preparation (method) and trip blank	23811
OS-26	7/22/2010	Primary Sample	8260B	Methylene chloride	5	µg/L	JB	U	V	Presumed contamination from preparation (method) and trip blank	23811
OS-09R	8/11/2010	Primary Sample	8260B	Methylene chloride	5	µg/L	JB	U	V	Presumed contamination from preparation (method) blank	24029
OS-09R	8/11/2010	Primary Sample	8260B	Acetone	3.1	µg/L	J	J	V	Compound was reported below the RL	24029
OS-09R	8/11/2010	Primary Sample	8260B	Methylene chloride	5	µg/L	JB	U	V	Presumed contamination from preparation (method) blank	24029
PZ-074	8/17/2010	Primary Sample	314.0	Perchlorate	1.1	µg/L	J	J	V	Compound was reported below the RL	24042
PZ-076	8/17/2010	Primary Sample	524.2	1,2,3-Trichloropropane	0.0017	µg/L	U	R	V	The analysis with this flag should not be used because another more technically sound analysis is available	24042

TABLE A-3
SUMMARY OF DATA QUALIFICATION, THIRD QUARTER 2010
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well Identifier:	Collection Date:	Sample Type:	Analytical Method:	Parameter:	Sample Result:	Units:	Lab Qualifier Code:	Validator Qualifier Code:	Validation Level:	Validation Notes:	Validation Report:
PZ-076	8/17/2010	Primary Sample	8260B	1,1,1-Trichloroethane	0.16	µg/L	U	R	V	The analysis with this flag should not be used because another more technically sound analysis is available	24042
PZ-076	8/17/2010	Primary Sample	8260B	1,1,2-Trichloro-1,2,2-trifluoroethane	0.42	µg/L	U	R	V	The analysis with this flag should not be used because another more technically sound analysis is available	24042
PZ-076	8/17/2010	Primary Sample	8260B	1,1,2-Trichloroethane	0.27	µg/L	U	R	V	The analysis with this flag should not be used because another more technically sound analysis is available	24042
PZ-076	8/17/2010	Primary Sample	8260B	1,1-Dichloroethane	0.22	µg/L	U	R	V	The analysis with this flag should not be used because another more technically sound analysis is available	24042
PZ-076	8/17/2010	Primary Sample	8260B	1,1-Dichloroethene	0.27	µg/L	J	R	V	The analysis with this flag should not be used because another more technically sound analysis is available	24042
PZ-076	8/17/2010	Primary Sample	8260B	1,2-Dichloroethane	0.13	µg/L	U	R	V	The analysis with this flag should not be used because another more technically sound analysis is available	24042
PZ-076	8/17/2010	Primary Sample	8260B	Acetone	1.9	µg/L	U	R	V	The analysis with this flag should not be used because another more technically sound analysis is available	24042
PZ-076	8/17/2010	Primary Sample	8260B	Benzene	0.16	µg/L	U	R	V	The analysis with this flag should not be used because another more technically sound analysis is available	24042
PZ-076	8/17/2010	Primary Sample	8260B	Carbon Tetrachloride	0.19	µg/L	U	R	V	The analysis with this flag should not be used because another more technically sound analysis is available	24042
PZ-076	8/17/2010	Primary Sample	8260B	Chloroform	0.16	µg/L	U	R	V	The analysis with this flag should not be used because another more technically sound analysis is available	24042
PZ-076	8/17/2010	Primary Sample	8260B	cis-1,2-Dichloroethene	0.15	µg/L	U	R	V	The analysis with this flag should not be used because another more technically sound analysis is available	24042
PZ-076	8/17/2010	Primary Sample	8260B	Ethylbenzene	0.16	µg/L	U	R	V	The analysis with this flag should not be used because another more technically sound analysis is available	24042
PZ-076	8/17/2010	Primary Sample	8260B	Methyl ethyl ketone	2	µg/L	U	R	V	The analysis with this flag should not be used because another more technically sound analysis is available	24042
PZ-076	8/17/2010	Primary Sample	8260B	Methylene chloride	0.37	µg/L	J	R	V	The analysis with this flag should not be used because another more technically sound analysis is available	24042
PZ-076	8/17/2010	Primary Sample	8260B	m-Xylene & p-Xylene	0.34	µg/L	U	R	V	The analysis with this flag should not be used because another more technically sound analysis is available	24042
PZ-076	8/17/2010	Primary Sample	8260B	o-Xylene	0.19	µg/L	U	R	V	The analysis with this flag should not be used because another more technically sound analysis is available	24042
PZ-076	8/17/2010	Primary Sample	8260B	Tetrachloroethene	0.2	µg/L	U	R	V	The analysis with this flag should not be used because another more technically sound analysis is available	24042
PZ-076	8/17/2010	Primary Sample	8260B	Toluene	0.17	µg/L	U	R	V	The analysis with this flag should not be used because another more technically sound analysis is available	24042

TABLE A-3
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SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well Identifier:	Collection Date:	Sample Type:	Analytical Method:	Parameter:	Sample Result:	Units:	Lab Qualifier Code:	Validator Qualifier Code:	Validation Level:	Validation Notes:	Validation Report:
PZ-076	8/17/2010	Primary Sample	8260B	trans-1,2-Dichloroethene	0.15	µg/L	U	R	V	The analysis with this flag should not be used because another more technically sound analysis is available	24042
PZ-076	8/17/2010	Primary Sample	8260B	Trichloroethene	3.3	µg/L		R	V	The analysis with this flag should not be used because another more technically sound analysis is available	24042
PZ-076	8/17/2010	Primary Sample	8260B	Trichlorofluoromethane	0.29	µg/L	U	R	V	The analysis with this flag should not be used because another more technically sound analysis is available	24042
PZ-076	8/17/2010	Primary Sample	8260B	Vinyl chloride	0.4	µg/L	U	R	V	The analysis with this flag should not be used because another more technically sound analysis is available	24042
PZ-076	8/17/2010	Primary Sample	8260B SIM	1,4-Dioxane	6.1	µg/L		R	V	The analysis with this flag should not be used because another more technically sound analysis is available	24042
PZ-139	7/27/2010	Primary Sample	300.0	Bromide	0.29	mg/L	J	J	V	Compound was reported below the RL	23917
PZ-139	7/27/2010	Primary Sample	6020	Antimony	0.00019	mg/L	J	U	V	equipment rinse blank	23917
PZ-139	7/27/2010	Primary Sample	6020	Arsenic	0.0018	mg/L	J	U	V	equipment rinse blank	23917
PZ-139	7/27/2010	Primary Sample	6020	Cadmium	0.00011	mg/L	JB	U	V	Presumed contamination from preparation (method) blank	23917
PZ-139	7/27/2010	Primary Sample	6020	Copper	0.001	mg/L	J	J	V	Compound was reported below the RL	23917
PZ-139	7/27/2010	Primary Sample	6020	Silver	0.00003	mg/L	J	U	V	equipment rinse blank	23917
PZ-139	7/27/2010	Primary Sample	6020	Thallium	0.000051	mg/L	JB	U	V	Presumed contamination from preparation (method) and field blank or equipment rinse blank	23917
PZ-139	7/27/2010	Primary Sample	8290	Octachlorodibenzo-p-dioxin	3.3	pg/L	J	J	V	Compound was reported below the RL	23864
PZ-139	7/27/2010	Primary Sample	6010B	Iron	0.074	mg/L	J	J	V	Compound was reported below the RL	23917
PZ-139	7/27/2010	Primary Sample	6010B	Molybdenum	0.0036	mg/L	J	J	V	Compound was reported below the RL	23917
PZ-139	7/27/2010	Primary Sample	6010B	Vanadium	0.0022	mg/L	J	J	V	Compound was reported below the RL	23917
PZ-139	7/27/2010	Primary Sample	7196A	Hexavalent Chromium, Dissolved	0.0041	mg/L	J	J	IV	Compound was reported below the RL	23917
PZ-139	7/27/2010	Primary Sample	8260B	1,1-Dichloroethene	0.47	µg/L	J	J	V	Compound was reported below the RL	23917
PZ-139	7/27/2010	Primary Sample	8260B	Methylene chloride	5	µg/L	J	U	V	Presumed contamination from trip blank	23917
PZ-139	7/27/2010	Primary Sample	8260B	trans-1,2-Dichloroethene	0.4	µg/L	J	J	V	Compound was reported below the RL	23917
PZ-139	7/27/2010	Primary Sample	8260B SIM	1,4-Dioxane	3	µg/L	JB	U	V	Presumed contamination from preparation (method) and trip blank	23917
PZ-139	7/27/2010	Primary Sample	8315A	Formaldehyde	50	µg/L	JB	U	V	Presumed contamination from preparation (method) and field blank or equipment rinse blank	23917
PZ-140	8/12/2010	Primary Sample	6020	Antimony	0.00015	mg/L	JB	U	V	Presumed contamination from preparation (method) and field blank or equipment rinse blank	24029
PZ-140	8/12/2010	Primary Sample	6020	Arsenic	0.00073	mg/L	J	U	V	equipment rinse blank	24029
PZ-140	8/12/2010	Primary Sample	6020	Cadmium	0.000072	mg/L	J	UJ	V	Presumed contamination in the field blank or equipment rinse blank	24029
PZ-140	8/12/2010	Primary Sample	6020	Copper	0.00063	mg/L	J	J	V	Compound was reported below the RL	24029
PZ-140	8/12/2010	Primary Sample	6020	Silver	0.000019	mg/L	JB	U	V	Presumed contamination from preparation (method) and field blank or equipment rinse blank	24029
PZ-140	8/12/2010	Primary Sample	6020	Thallium	0.000043	mg/L	JB	U	V	Presumed contamination from preparation (method) and field blank or equipment rinse blank	24029
PZ-140	8/12/2010	Primary Sample	6020	Zinc	0.003	mg/L	J	J	V	Compound was reported below the RL	24029
PZ-140	8/12/2010	Primary Sample	6010B	Molybdenum	0.005	mg/L	J	J	V	Compound was reported below the RL	24029
PZ-140	8/12/2010	Primary Sample	6010B	Vanadium	0.0013	mg/L	J	J	V	Compound was reported below the RL	24029
PZ-140	8/12/2010	Primary Sample	7470A	Mercury	0.000069	mg/L	J	J	V	Compound was reported below the RL	24029

TABLE A-3
SUMMARY OF DATA QUALIFICATION, THIRD QUARTER 2010
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well Identifier:	Collection Date:	Sample Type:	Analytical Method:	Parameter:	Sample Result:	Units:	Lab Qualifier Code:	Validator Qualifier Code:	Validation Level:	Validation Notes:	Validation Report:
PZ-140	8/12/2010	Primary Sample	300.0	Bromide	0.45	mg/L	J	J	V	Compound was reported below the RL	24029
PZ-140	8/12/2010	Primary Sample	300.0	Fluoride	0.43	mg/L	J	J	V	Compound was reported below the RL	24029
PZ-140	8/12/2010	Field Duplicate	6020	Antimony	0.00015	mg/L	JB	U	V	Presumed contamination from preparation (method) and field blank or equipment rinse blank	24029
PZ-140	8/12/2010	Field Duplicate	6020	Arsenic	0.00075	mg/L	J	U	V	equipment rinse blank	24029
PZ-140	8/12/2010	Field Duplicate	6020	Cadmium	0.00022	mg/L	J	J	V	Compound was reported below the RL	24029
PZ-140	8/12/2010	Field Duplicate	6020	Copper	0.001	mg/L	J	J	V	Compound was reported below the RL	24029
PZ-140	8/12/2010	Field Duplicate	6020	Lead	0.00021	mg/L	J	U	V	equipment rinse blank	24029
PZ-140	8/12/2010	Field Duplicate	6020	Thallium	0.000037	mg/L	JB	U	V	Presumed contamination from preparation (method) and field blank or equipment rinse blank	24029
PZ-140	8/12/2010	Field Duplicate	6020	Zinc	0.0057	mg/L	J	J	V	Compound was reported below the RL	24029
PZ-140	8/12/2010	Field Duplicate	6010B	Molybdenum	0.0049	mg/L	J	J	V	Compound was reported below the RL	24029
PZ-140	8/12/2010	Field Duplicate	6010B	Vanadium	0.0023	mg/L	J	J	V	Compound was reported below the RL	24029
PZ-140	8/12/2010	Field Duplicate	300.0	Bromide	0.43	mg/L	J	J	V	Compound was reported below the RL	24029
PZ-140	8/12/2010	Field Duplicate	300.0	Fluoride	0.45	mg/L	J	J	V	Compound was reported below the RL	24029
PZ-140	8/13/2010	Primary Sample	8290	Octachlorodibenzo-p-dioxin	1.9	pg/L	JQC	J	IV	EMPC	23977
PZ-140	8/13/2010	Primary Sample	8260B	Bromomethane	0.21	µg/L	U	UJ	IV	noncompliant	24042
PZ-140	8/13/2010	Primary Sample	8260B	Chloroform	0.17	µg/L	J	J	IV	Compound was reported below the RL	24042
PZ-140	8/13/2010	Primary Sample	8315A	Formaldehyde	18	µg/L	JB	U	V	Presumed contamination from preparation (method) and field blank or equipment rinse blank	24042
PZ-140	8/13/2010	Field Duplicate	8315A	Formaldehyde	16	µg/L	JB	U	V	Presumed contamination from preparation (method) and field blank or equipment rinse blank	24042
PZ-141	8/2/2010	Primary Sample	300.0	Bromide	0.23	mg/L	J	J	V	Compound was reported below the RL	24000
PZ-141	8/2/2010	Primary Sample	300.0	Fluoride	0.46	mg/L	J	J	V	Compound was reported below the RL	24000
PZ-141	8/2/2010	Primary Sample	300.0	Nitrate-NO3	0.97	mg/L	J	J	V	Compound was reported below the RL	24000
PZ-141	8/2/2010	Primary Sample	6020	Antimony	0.00067	mg/L	J	J	V	Compound was reported below the RL	24000
PZ-141	8/2/2010	Primary Sample	6020	Arsenic	0.0023	mg/L	J	U	V	equipment rinse blank	24000
PZ-141	8/2/2010	Primary Sample	6020	Cadmium	0.000069	mg/L	J	U	V	equipment rinse blank	24000
PZ-141	8/2/2010	Primary Sample	6020	Chromium	0.0037	mg/L	J	J	V	Compound was reported below the RL	24000
PZ-141	8/2/2010	Primary Sample	6020	Lead	0.00063	mg/L	J	J	V	Compound was reported below the RL	24000
PZ-141	8/2/2010	Primary Sample	6020	Thallium	0.000042	mg/L	J	U	V	equipment rinse blank	24000
PZ-141	8/2/2010	Primary Sample	6020	Zinc	0.01	mg/L	J	J	V	Compound was reported below the RL	24000
PZ-141	8/2/2010	Primary Sample	8290	Octachlorodibenzo-p-dioxin	3.2	pg/L	J	J	V	Compound was reported below the RL	23864
PZ-141	8/2/2010	Primary Sample	6010B	Molybdenum	0.007	mg/L	J	J	V	Compound was reported below the RL	24000
PZ-141	8/2/2010	Primary Sample	6010B	Vanadium	0.0077	mg/L	J	J	V	Compound was reported below the RL	24000
PZ-141	8/2/2010	Primary Sample	8260B	Acetone	10	µg/L	JB	U	IV	Presumed contamination from preparation (method), field or equipment rinse, and trip blank	24000
PZ-141	8/2/2010	Primary Sample	8260B	Chloroform	0.43	µg/L	J	J	IV	Compound was reported below the RL	24000
PZ-141	8/2/2010	Primary Sample	8260B SIM	1,4-Dioxane	3	µg/L	J	U	V	Presumed contamination from trip blank	24000
PZ-141	8/2/2010	Primary Sample	8270C	Diethyl phthalate	0.45	µg/L	J	J	IV	Compound was reported below the RL	24000
PZ-141	8/2/2010	Primary Sample	8315A	Formaldehyde	50	µg/L	JB	U	V	Presumed contamination from preparation (method) and field blank or equipment rinse blank	24000
PZ-141	9/3/2010	Primary Sample	300.0	Bromide	0.2	mg/L	J	R	V	The analysis with this flag should not be used because another more technically sound analysis is available	24031
PZ-141	9/3/2010	Primary Sample	300.0	Chloride	77	mg/L		R	V	The analysis with this flag should not be used because another more technically sound analysis is available	24031

TABLE A-3
SUMMARY OF DATA QUALIFICATION, THIRD QUARTER 2010
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well Identifier:	Collection Date:	Sample Type:	Analytical Method:	Parameter:	Sample Result:	Units:	Lab Qualifier Code:	Validator Qualifier Code:	Validation Level:	Validation Notes:	Validation Report:
PZ-141	9/3/2010	Primary Sample	300.0	Fluoride	0.4	mg/L	J	R	V	The analysis with this flag should not be used because another more technically sound analysis is available	24031
PZ-141	9/3/2010	Primary Sample	300.0	Nitrate-NO3	3.9	mg/L	HTV	R	V	The analysis with this flag should not be used because another more technically sound analysis is available	24031
PZ-141	9/3/2010	Primary Sample	300.0	Nitrite-N	0.16	mg/L	UHTV	R	V	The analysis with this flag should not be used because another more technically sound analysis is available	24031
PZ-141	9/3/2010	Primary Sample	300.0	Phosphate	0.57	mg/L	UHTV	R	V	The analysis with this flag should not be used because another more technically sound analysis is available	24031
PZ-141	9/3/2010	Primary Sample	300.0	Sulfate	320	mg/L		R	V	The analysis with this flag should not be used because another more technically sound analysis is available	24031
PZ-141	9/3/2010	Primary Sample	6020	Antimony	0.00072	mg/L	J	R	V	The analysis with this flag should not be used because another more technically sound analysis is available	24031
PZ-141	9/3/2010	Primary Sample	6020	Arsenic	0.0021	mg/L	J	R	V	The analysis with this flag should not be used because another more technically sound analysis is available	24031
PZ-141	9/3/2010	Primary Sample	6020	Barium	0.014	mg/L		R	V	The analysis with this flag should not be used because another more technically sound analysis is available	24031
PZ-141	9/3/2010	Primary Sample	6020	Beryllium	0.00008	mg/L	U	R	V	The analysis with this flag should not be used because another more technically sound analysis is available	24031
PZ-141	9/3/2010	Primary Sample	6020	Cadmium	0.00004	mg/L	U	R	V	The analysis with this flag should not be used because another more technically sound analysis is available	24031
PZ-141	9/3/2010	Primary Sample	6020	Chromium	0.00071	mg/L	J	R	V	The analysis with this flag should not be used because another more technically sound analysis is available	24031
PZ-141	9/3/2010	Primary Sample	6020	Copper	0.00068	mg/L	J	R	V	The analysis with this flag should not be used because another more technically sound analysis is available	24031
PZ-141	9/3/2010	Primary Sample	6020	Lead	0.00018	mg/L	U	R	V	The analysis with this flag should not be used because another more technically sound analysis is available	24031
PZ-141	9/3/2010	Primary Sample	6020	Nickel	0.0014	mg/L	J	R	V	The analysis with this flag should not be used because another more technically sound analysis is available	24031
PZ-141	9/3/2010	Primary Sample	6020	Selenium	0.00076	mg/L	J	R	V	The analysis with this flag should not be used because another more technically sound analysis is available	24031
PZ-141	9/3/2010	Primary Sample	6020	Silver	0.000034	mg/L	J	R	V	The analysis with this flag should not be used because another more technically sound analysis is available	24031
PZ-141	9/3/2010	Primary Sample	6020	Thallium	0.000048	mg/L	J	R	V	The analysis with this flag should not be used because another more technically sound analysis is available	24031
PZ-141	9/3/2010	Primary Sample	6020	Zinc	0.0023	mg/L	J	R	V	The analysis with this flag should not be used because another more technically sound analysis is available	24031

TABLE A-3
SUMMARY OF DATA QUALIFICATION, THIRD QUARTER 2010
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well Identifier:	Collection Date:	Sample Type:	Analytical Method:	Parameter:	Sample Result:	Units:	Lab Qualifier Code:	Validator Qualifier Code:	Validation Level:	Validation Notes:	Validation Report:
PZ-141	9/3/2010	Primary Sample	8082	Aroclor 1016	0.13	µg/L	U	R	V	The analysis with this flag should not be used because another more technically sound analysis is available	24031
PZ-141	9/3/2010	Primary Sample	8082	Aroclor 1221	0.23	µg/L	U	R	V	The analysis with this flag should not be used because another more technically sound analysis is available	24031
PZ-141	9/3/2010	Primary Sample	8082	Aroclor 1232	0.18	µg/L	U	R	V	The analysis with this flag should not be used because another more technically sound analysis is available	24031
PZ-141	9/3/2010	Primary Sample	8082	Aroclor 1242	0.11	µg/L	U	R	V	The analysis with this flag should not be used because another more technically sound analysis is available	24031
PZ-141	9/3/2010	Primary Sample	8082	Aroclor 1248	0.098	µg/L	U	R	V	The analysis with this flag should not be used because another more technically sound analysis is available	24031
PZ-141	9/3/2010	Primary Sample	8082	Aroclor 1254	0.12	µg/L	U	R	V	The analysis with this flag should not be used because another more technically sound analysis is available	24031
PZ-141	9/3/2010	Primary Sample	8082	Aroclor 1260	0.17	µg/L	U	R	V	The analysis with this flag should not be used because another more technically sound analysis is available	24031
PZ-141	9/3/2010	Primary Sample	8290	1,2,3,4,6,7,8-Heptachlorodibenzofuran	0.97	pg/L	U	R	V	The analysis with this flag should not be used because another more technically sound analysis is available	24031
PZ-141	9/3/2010	Primary Sample	8290	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	1.5	pg/L	U	R	V	The analysis with this flag should not be used because another more technically sound analysis is available	24031
PZ-141	9/3/2010	Primary Sample	8290	1,2,3,4,7,8,9-Heptachlorodibenzofuran	1.4	pg/L	U	R	V	The analysis with this flag should not be used because another more technically sound analysis is available	24031
PZ-141	9/3/2010	Primary Sample	8290	1,2,3,4,7,8-Hexachlorodibenzofuran	0.74	pg/L	U	R	V	The analysis with this flag should not be used because another more technically sound analysis is available	24031
PZ-141	9/3/2010	Primary Sample	8290	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	1.1	pg/L	U	R	V	The analysis with this flag should not be used because another more technically sound analysis is available	24031
PZ-141	9/3/2010	Primary Sample	8290	1,2,3,6,7,8-Hexachlorodibenzofuran	0.74	pg/L	U	R	V	The analysis with this flag should not be used because another more technically sound analysis is available	24031
PZ-141	9/3/2010	Primary Sample	8290	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	1.4	pg/L	U	R	V	The analysis with this flag should not be used because another more technically sound analysis is available	24031
PZ-141	9/3/2010	Primary Sample	8290	1,2,3,7,8,9-Hexachlorodibenzofuran	0.89	pg/L	U	R	V	The analysis with this flag should not be used because another more technically sound analysis is available	24031
PZ-141	9/3/2010	Primary Sample	8290	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	1.1	pg/L	U	R	V	The analysis with this flag should not be used because another more technically sound analysis is available	24031
PZ-141	9/3/2010	Primary Sample	8290	1,2,3,7,8-Pentachlorodibenzofuran	1.3	pg/L	U	R	V	The analysis with this flag should not be used because another more technically sound analysis is available	24031
PZ-141	9/3/2010	Primary Sample	8290	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	1.9	pg/L	U	R	V	The analysis with this flag should not be used because another more technically sound analysis is available	24031

Well Identifier:	Collection Date:	Sample Type:	Analytical Method:	Parameter:	Sample Result:	Units:	Lab Qualifier Code:	Validator Qualifier Code:	Validation Level:	Validation Notes:	Validation Report:
PZ-141	9/3/2010	Primary Sample	8290	2,3,4,6,7,8-Hexachlorodibenzofuran	0.81	pg/L	U	R	V	The analysis with this flag should not be used because another more technically sound analysis is available	24031
PZ-141	9/3/2010	Primary Sample	8290	2,3,4,7,8-Pentachlorodibenzofuran	1.1	pg/L	U	R	V	The analysis with this flag should not be used because another more technically sound analysis is available	24031
PZ-141	9/3/2010	Primary Sample	8290	2,3,7,8-TCDD	3.4	pg/L	U	R	V	The analysis with this flag should not be used because another more technically sound analysis is available	24031
PZ-141	9/3/2010	Primary Sample	8290	2,3,7,8-Tetrachlorodibenzofuran	2.3	pg/L	U	R	V	The analysis with this flag should not be used because another more technically sound analysis is available	24031
PZ-141	9/3/2010	Primary Sample	8290	Octachlorodibenzofuran	1.4	pg/L	U	R	V	The analysis with this flag should not be used because another more technically sound analysis is available	24031
PZ-141	9/3/2010	Primary Sample	8290	Octachlorodibenzo-p-dioxin	1.4	pg/L	U	R	V	The analysis with this flag should not be used because another more technically sound analysis is available	24031
PZ-141	9/3/2010	Primary Sample	1625M	n-Nitrosodimethylamine	0.005	µg/L	U	R	V	The analysis with this flag should not be used because another more technically sound analysis is available	24031
PZ-141	9/3/2010	Primary Sample	6010B	Cobalt	0.0012	mg/L	U	R	V	The analysis with this flag should not be used because another more technically sound analysis is available	24031
PZ-141	9/3/2010	Primary Sample	6010B	Iron	0.2	mg/L		R	V	The analysis with this flag should not be used because another more technically sound analysis is available	24031
PZ-141	9/3/2010	Primary Sample	6010B	Manganese	0.033	mg/L		R	V	The analysis with this flag should not be used because another more technically sound analysis is available	24031
PZ-141	9/3/2010	Primary Sample	6010B	Molybdenum	0.008	mg/L	J	R	V	The analysis with this flag should not be used because another more technically sound analysis is available	24031
PZ-141	9/3/2010	Primary Sample	6010B	Vanadium	0.0034	mg/L	J	R	V	The analysis with this flag should not be used because another more technically sound analysis is available	24031
PZ-141	9/3/2010	Primary Sample	7196A	Hexavalent Chromium, Dissolved	0.0055	mg/L	J	R	V	The analysis with this flag should not be used because another more technically sound analysis is available	24031
PZ-141	9/3/2010	Primary Sample	7470A	Mercury	0.000027	mg/L	U	R	V	The analysis with this flag should not be used because another more technically sound analysis is available	24031
PZ-141	9/3/2010	Primary Sample	8015B	Diesel Range Organics (C21-C30)	0.033	mg/L	U	R	V	The analysis with this flag should not be used because another more technically sound analysis is available	24031
PZ-141	9/3/2010	Primary Sample	8015B	Diesel Range Organics (C8-C30)	0.081	mg/L	U	R	V	The analysis with this flag should not be used because another more technically sound analysis is available	24031
PZ-141	9/3/2010	Primary Sample	8015B	Gasoline Range Organics (C12-C14)	0.033	mg/L	U	R	V	The analysis with this flag should not be used because another more technically sound analysis is available	24031
PZ-141	9/3/2010	Primary Sample	8015B	Gasoline Range Organics (C8-C11)	0.081	mg/L	U	R	V	The analysis with this flag should not be used because another more technically sound analysis is available	24031

TABLE A-3
SUMMARY OF DATA QUALIFICATION, THIRD QUARTER 2010
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well Identifier:	Collection Date:	Sample Type:	Analytical Method:	Parameter:	Sample Result:	Units:	Lab Qualifier Code:	Validator Qualifier Code:	Validation Level:	Validation Notes:	Validation Report:
PZ-141	9/3/2010	Primary Sample	8015B	Kerosene Range (C15-C20)	0.033	mg/L	U	R	V	The analysis with this flag should not be used because another more technically sound analysis is available	24031
PZ-141	9/3/2010	Primary Sample	8260B	1,1,1-Trichloroethane	0.16	µg/L	U	R	V	The analysis with this flag should not be used because another more technically sound analysis is available	24031
PZ-141	9/3/2010	Primary Sample	8260B	1,1,2,2-Tetrachloroethane	0.21	µg/L	U	R	V	The analysis with this flag should not be used because another more technically sound analysis is available	24031
PZ-141	9/3/2010	Primary Sample	8260B	1,1,2-Trichloro-1,2,2-trifluoroethane	0.42	µg/L	U	R	V	The analysis with this flag should not be used because another more technically sound analysis is available	24031
PZ-141	9/3/2010	Primary Sample	8260B	1,1,2-Trichloroethane	0.27	µg/L	U	R	V	The analysis with this flag should not be used because another more technically sound analysis is available	24031
PZ-141	9/3/2010	Primary Sample	8260B	1,1-Dichloroethane	0.22	µg/L	U	R	V	The analysis with this flag should not be used because another more technically sound analysis is available	24031
PZ-141	9/3/2010	Primary Sample	8260B	1,1-Dichloroethene	0.23	µg/L	U	R	V	The analysis with this flag should not be used because another more technically sound analysis is available	24031
PZ-141	9/3/2010	Primary Sample	8260B	1,2-Dichlorobenzene	0.15	µg/L	U	R	V	The analysis with this flag should not be used because another more technically sound analysis is available	24031
PZ-141	9/3/2010	Primary Sample	8260B	1,2-Dichloroethane	0.13	µg/L	U	R	V	The analysis with this flag should not be used because another more technically sound analysis is available	24031
PZ-141	9/3/2010	Primary Sample	8260B	1,2-Dichloropropane	0.18	µg/L	U	R	V	The analysis with this flag should not be used because another more technically sound analysis is available	24031
PZ-141	9/3/2010	Primary Sample	8260B	1,3-Dichlorobenzene	0.13	µg/L	U	R	V	The analysis with this flag should not be used because another more technically sound analysis is available	24031
PZ-141	9/3/2010	Primary Sample	8260B	1,4-Dichlorobenzene	0.16	µg/L	U	R	V	The analysis with this flag should not be used because another more technically sound analysis is available	24031
PZ-141	9/3/2010	Primary Sample	8260B	2-Hexanone	1.7	µg/L	U	R	V	The analysis with this flag should not be used because another more technically sound analysis is available	24031
PZ-141	9/3/2010	Primary Sample	8260B	Acetone	1.9	µg/L	U	R	V	The analysis with this flag should not be used because another more technically sound analysis is available	24031
PZ-141	9/3/2010	Primary Sample	8260B	Benzene	0.18	µg/L	J	R	V	The analysis with this flag should not be used because another more technically sound analysis is available	24031
PZ-141	9/3/2010	Primary Sample	8260B	Bromodichloromethane	0.17	µg/L	U	R	V	The analysis with this flag should not be used because another more technically sound analysis is available	24031
PZ-141	9/3/2010	Primary Sample	8260B	Bromoform	0.19	µg/L	U	R	V	The analysis with this flag should not be used because another more technically sound analysis is available	24031
PZ-141	9/3/2010	Primary Sample	8260B	Bromomethane	0.21	µg/L	U	R	V	The analysis with this flag should not be used because another more technically sound analysis is available	24031

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SUMMARY OF DATA QUALIFICATION, THIRD QUARTER 2010
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well Identifier:	Collection Date:	Sample Type:	Analytical Method:	Parameter:	Sample Result:	Units:	Lab Qualifier Code:	Validator Qualifier Code:	Validation Level:	Validation Notes:	Validation Report:
PZ-141	9/3/2010	Primary Sample	8260B	Carbon Disulfide	0.45	µg/L	U	R	V	The analysis with this flag should not be used because another more technically sound analysis is available	24031
PZ-141	9/3/2010	Primary Sample	8260B	Carbon Tetrachloride	0.19	µg/L	U	R	V	The analysis with this flag should not be used because another more technically sound analysis is available	24031
PZ-141	9/3/2010	Primary Sample	8260B	Chlorobenzene	0.17	µg/L	U	R	V	The analysis with this flag should not be used because another more technically sound analysis is available	24031
PZ-141	9/3/2010	Primary Sample	8260B	Chloroethane	0.41	µg/L	U	R	V	The analysis with this flag should not be used because another more technically sound analysis is available	24031
PZ-141	9/3/2010	Primary Sample	8260B	Chloroform	0.74	µg/L	J	R	V	The analysis with this flag should not be used because another more technically sound analysis is available	24031
PZ-141	9/3/2010	Primary Sample	8260B	Chloromethane	0.3	µg/L	U	R	V	The analysis with this flag should not be used because another more technically sound analysis is available	24031
PZ-141	9/3/2010	Primary Sample	8260B	cis-1,2-Dichloroethene	2.2	µg/L		R	V	The analysis with this flag should not be used because another more technically sound analysis is available	24031
PZ-141	9/3/2010	Primary Sample	8260B	cis-1,3-Dichloropropene	0.16	µg/L	U	R	V	The analysis with this flag should not be used because another more technically sound analysis is available	24031
PZ-141	9/3/2010	Primary Sample	8260B	Dibromochloromethane	0.17	µg/L	U	R	V	The analysis with this flag should not be used because another more technically sound analysis is available	24031
PZ-141	9/3/2010	Primary Sample	8260B	Ethylbenzene	0.16	µg/L	U	R	V	The analysis with this flag should not be used because another more technically sound analysis is available	24031
PZ-141	9/3/2010	Primary Sample	8260B	Methyl ethyl ketone	2	µg/L	U	R	V	The analysis with this flag should not be used because another more technically sound analysis is available	24031
PZ-141	9/3/2010	Primary Sample	8260B	Methyl isobutyl ketone (MIBK)	0.98	µg/L	U	R	V	The analysis with this flag should not be used because another more technically sound analysis is available	24031
PZ-141	9/3/2010	Primary Sample	8260B	Methylene chloride	0.36	µg/L	JB	R	V	The analysis with this flag should not be used because another more technically sound analysis is available	24031
PZ-141	9/3/2010	Primary Sample	8260B	m-Xylene & p-Xylene	0.34	µg/L	U	R	V	The analysis with this flag should not be used because another more technically sound analysis is available	24031
PZ-141	9/3/2010	Primary Sample	8260B	o-Xylene	0.19	µg/L	U	R	V	The analysis with this flag should not be used because another more technically sound analysis is available	24031
PZ-141	9/3/2010	Primary Sample	8260B	Tetrachloroethene	0.2	µg/L	U	R	V	The analysis with this flag should not be used because another more technically sound analysis is available	24031
PZ-141	9/3/2010	Primary Sample	8260B	Toluene	0.17	µg/L	U	R	V	The analysis with this flag should not be used because another more technically sound analysis is available	24031
PZ-141	9/3/2010	Primary Sample	8260B	trans-1,2-Dichloroethene	0.15	µg/L	U	R	V	The analysis with this flag should not be used because another more technically sound analysis is available	24031

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SUMMARY OF DATA QUALIFICATION, THIRD QUARTER 2010
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well Identifier:	Collection Date:	Sample Type:	Analytical Method:	Parameter:	Sample Result:	Units:	Lab Qualifier Code:	Validator Qualifier Code:	Validation Level:	Validation Notes:	Validation Report:
PZ-141	9/3/2010	Primary Sample	8260B	trans-1,3-Dichloropropene	0.19	µg/L	U	R	V	The analysis with this flag should not be used because another more technically sound analysis is available	24031
PZ-141	9/3/2010	Primary Sample	8260B	Trichloroethene	110	µg/L		R	V	The analysis with this flag should not be used because another more technically sound analysis is available	24031
PZ-141	9/3/2010	Primary Sample	8260B	Trichlorofluoromethane	0.29	µg/L	U	R	V	The analysis with this flag should not be used because another more technically sound analysis is available	24031
PZ-141	9/3/2010	Primary Sample	8260B	Vinyl chloride	0.4	µg/L	U	R	V	The analysis with this flag should not be used because another more technically sound analysis is available	24031
PZ-141	9/3/2010	Primary Sample	8260B SIM	1,4-Dioxane	0.75	µg/L	U	R	V	The analysis with this flag should not be used because another more technically sound analysis is available	24031
PZ-141	9/3/2010	Primary Sample	8270C	1,2,4-Trichlorobenzene	0.3	µg/L	U	R	V	The analysis with this flag should not be used because another more technically sound analysis is available	24031
PZ-141	9/3/2010	Primary Sample	8270C	1,3-Dinitrobenzene	2.1	µg/L	U	R	V	The analysis with this flag should not be used because another more technically sound analysis is available	24031
PZ-141	9/3/2010	Primary Sample	8270C	2,4,6-Trichlorophenol	0.31	µg/L	U	R	V	The analysis with this flag should not be used because another more technically sound analysis is available	24031
PZ-141	9/3/2010	Primary Sample	8270C	2,4-Dichlorophenol	0.68	µg/L	U	R	V	The analysis with this flag should not be used because another more technically sound analysis is available	24031
PZ-141	9/3/2010	Primary Sample	8270C	2,4-Dimethylphenol	0.61	µg/L	U	R	V	The analysis with this flag should not be used because another more technically sound analysis is available	24031
PZ-141	9/3/2010	Primary Sample	8270C	2,4-Dinitrophenol	11	µg/L	U	R	V	The analysis with this flag should not be used because another more technically sound analysis is available	24031
PZ-141	9/3/2010	Primary Sample	8270C	2,4-Dinitrotoluene	1.8	µg/L	U	R	V	The analysis with this flag should not be used because another more technically sound analysis is available	24031
PZ-141	9/3/2010	Primary Sample	8270C	2,6-Dinitrotoluene	2	µg/L	U	R	V	The analysis with this flag should not be used because another more technically sound analysis is available	24031
PZ-141	9/3/2010	Primary Sample	8270C	2-Chloronaphthalene	0.28	µg/L	U	R	V	The analysis with this flag should not be used because another more technically sound analysis is available	24031
PZ-141	9/3/2010	Primary Sample	8270C	2-Chlorophenol	2.1	µg/L	U	R	V	The analysis with this flag should not be used because another more technically sound analysis is available	24031
PZ-141	9/3/2010	Primary Sample	8270C	2-Nitrophenol	0.41	µg/L	U	R	V	The analysis with this flag should not be used because another more technically sound analysis is available	24031
PZ-141	9/3/2010	Primary Sample	8270C	3,3'-Dichlorobenzidine	2.1	µg/L	U	R	V	The analysis with this flag should not be used because another more technically sound analysis is available	24031
PZ-141	9/3/2010	Primary Sample	8270C	4,6-Dinitro-o-cresol	4.2	µg/L	U	R	V	The analysis with this flag should not be used because another more technically sound analysis is available	24031

Well Identifier:	Collection Date:	Sample Type:	Analytical Method:	Parameter:	Sample Result:	Units:	Lab Qualifier Code:	Validator Qualifier Code:	Validation Level:	Validation Notes:	Validation Report:
PZ-141	9/3/2010	Primary Sample	8270C	4-Bromophenyl phenyl ether	0.46	µg/L	U	R	V	The analysis with this flag should not be used because another more technically sound analysis is available	24031
PZ-141	9/3/2010	Primary Sample	8270C	4-Chlorophenylphenyl ether	1.8	µg/L	U	R	V	The analysis with this flag should not be used because another more technically sound analysis is available	24031
PZ-141	9/3/2010	Primary Sample	8270C	4-Nitrophenol	1.3	µg/L	U	R	V	The analysis with this flag should not be used because another more technically sound analysis is available	24031
PZ-141	9/3/2010	Primary Sample	8270C	Acenaphthene	0.3	µg/L	U	R	V	The analysis with this flag should not be used because another more technically sound analysis is available	24031
PZ-141	9/3/2010	Primary Sample	8270C	Acenaphthylene	0.52	µg/L	U	R	V	The analysis with this flag should not be used because another more technically sound analysis is available	24031
PZ-141	9/3/2010	Primary Sample	8270C	Anthracene	0.45	µg/L	U	R	V	The analysis with this flag should not be used because another more technically sound analysis is available	24031
PZ-141	9/3/2010	Primary Sample	8270C	Azobenzene	0.24	µg/L	U	R	V	The analysis with this flag should not be used because another more technically sound analysis is available	24031
PZ-141	9/3/2010	Primary Sample	8270C	Benzidine	53	µg/L	U	R	V	The analysis with this flag should not be used because another more technically sound analysis is available	24031
PZ-141	9/3/2010	Primary Sample	8270C	Benzo(a)anthracene	0.37	µg/L	U	R	V	The analysis with this flag should not be used because another more technically sound analysis is available	24031
PZ-141	9/3/2010	Primary Sample	8270C	Benzo(a)pyrene	0.33	µg/L	U	R	V	The analysis with this flag should not be used because another more technically sound analysis is available	24031
PZ-141	9/3/2010	Primary Sample	8270C	Benzo(b)fluoranthene	0.56	µg/L	U	R	V	The analysis with this flag should not be used because another more technically sound analysis is available	24031
PZ-141	9/3/2010	Primary Sample	8270C	Benzo(ghi)perylene	0.53	µg/L	U	R	V	The analysis with this flag should not be used because another more technically sound analysis is available	24031
PZ-141	9/3/2010	Primary Sample	8270C	Benzo(k)fluoranthene	0.49	µg/L	U	R	V	The analysis with this flag should not be used because another more technically sound analysis is available	24031
PZ-141	9/3/2010	Primary Sample	8270C	bis(2-Chloroethoxy)methane	1	µg/L	U	R	V	The analysis with this flag should not be used because another more technically sound analysis is available	24031
PZ-141	9/3/2010	Primary Sample	8270C	bis(2-Chloroethyl) ether	0.43	µg/L	U	R	V	The analysis with this flag should not be used because another more technically sound analysis is available	24031
PZ-141	9/3/2010	Primary Sample	8270C	bis(2-Chloroisopropyl) ether	0.3	µg/L	U	R	V	The analysis with this flag should not be used because another more technically sound analysis is available	24031
PZ-141	9/3/2010	Primary Sample	8270C	bis(2-Ethylhexyl) phthalate	3.5	µg/L	JB	R	V	The analysis with this flag should not be used because another more technically sound analysis is available	24031
PZ-141	9/3/2010	Primary Sample	8270C	Butyl benzyl phthalate	1.1	µg/L	U	R	V	The analysis with this flag should not be used because another more technically sound analysis is available	24031

Well Identifier:	Collection Date:	Sample Type:	Analytical Method:	Parameter:	Sample Result:	Units:	Lab Qualifier Code:	Validator Qualifier Code:	Validation Level:	Validation Notes:	Validation Report:
PZ-141	9/3/2010	Primary Sample	8270C	Chrysene	0.57	µg/L	U	R	V	The analysis with this flag should not be used because another more technically sound analysis is available	24031
PZ-141	9/3/2010	Primary Sample	8270C	Dibenzo(a,h)anthracene	0.54	µg/L	U	R	V	The analysis with this flag should not be used because another more technically sound analysis is available	24031
PZ-141	9/3/2010	Primary Sample	8270C	Diethyl phthalate	0.4	µg/L	U	R	V	The analysis with this flag should not be used because another more technically sound analysis is available	24031
PZ-141	9/3/2010	Primary Sample	8270C	Dimethyl phthalate	0.22	µg/L	U	R	V	The analysis with this flag should not be used because another more technically sound analysis is available	24031
PZ-141	9/3/2010	Primary Sample	8270C	Di-n-butyl phthalate	1.2	µg/L	U	R	V	The analysis with this flag should not be used because another more technically sound analysis is available	24031
PZ-141	9/3/2010	Primary Sample	8270C	Di-n-octyl phthalate	0.37	µg/L	U	R	V	The analysis with this flag should not be used because another more technically sound analysis is available	24031
PZ-141	9/3/2010	Primary Sample	8270C	Fluoranthene	0.21	µg/L	U	R	V	The analysis with this flag should not be used because another more technically sound analysis is available	24031
PZ-141	9/3/2010	Primary Sample	8270C	Fluorene	0.33	µg/L	U	R	V	The analysis with this flag should not be used because another more technically sound analysis is available	24031
PZ-141	9/3/2010	Primary Sample	8270C	Hexachlorobenzene	0.7	µg/L	U	R	V	The analysis with this flag should not be used because another more technically sound analysis is available	24031
PZ-141	9/3/2010	Primary Sample	8270C	Hexachlorobutadiene	3.5	µg/L	U	R	V	The analysis with this flag should not be used because another more technically sound analysis is available	24031
PZ-141	9/3/2010	Primary Sample	8270C	Hexachloroethane	2.2	µg/L	U	R	V	The analysis with this flag should not be used because another more technically sound analysis is available	24031
PZ-141	9/3/2010	Primary Sample	8270C	Indeno(1,2,3-cd)pyrene	0.69	µg/L	U	R	V	The analysis with this flag should not be used because another more technically sound analysis is available	24031
PZ-141	9/3/2010	Primary Sample	8270C	Isophorone	0.22	µg/L	U	R	V	The analysis with this flag should not be used because another more technically sound analysis is available	24031
PZ-141	9/3/2010	Primary Sample	8270C	Naphthalene	0.31	µg/L	U	R	V	The analysis with this flag should not be used because another more technically sound analysis is available	24031
PZ-141	9/3/2010	Primary Sample	8270C	Nitrobenzene	0.86	µg/L	U	R	V	The analysis with this flag should not be used because another more technically sound analysis is available	24031
PZ-141	9/3/2010	Primary Sample	8270C	n-Nitrosodimethylamine	0.31	µg/L	U	R	V	The analysis with this flag should not be used because another more technically sound analysis is available	24031
PZ-141	9/3/2010	Primary Sample	8270C	n-Nitrosodi-n-propylamine	0.37	µg/L	U	R	V	The analysis with this flag should not be used because another more technically sound analysis is available	24031
PZ-141	9/3/2010	Primary Sample	8270C	n-Nitrosodiphenylamine	0.47	µg/L	U	R	V	The analysis with this flag should not be used because another more technically sound analysis is available	24031

TABLE A-3
SUMMARY OF DATA QUALIFICATION, THIRD QUARTER 2010
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well Identifier:	Collection Date:	Sample Type:	Analytical Method:	Parameter:	Sample Result:	Units:	Lab Qualifier Code:	Validator Qualifier Code:	Validation Level:	Validation Notes:	Validation Report:
PZ-141	9/3/2010	Primary Sample	8270C	p-Chloro-m-cresol	2.6	µg/L	U	R	V	The analysis with this flag should not be used because another more technically sound analysis is available	24031
PZ-141	9/3/2010	Primary Sample	8270C	Pentachlorophenol	21	µg/L	U	R	V	The analysis with this flag should not be used because another more technically sound analysis is available	24031
PZ-141	9/3/2010	Primary Sample	8270C	Phenanthrene	0.28	µg/L	U	R	V	The analysis with this flag should not be used because another more technically sound analysis is available	24031
PZ-141	9/3/2010	Primary Sample	8270C	Phenol	2.1	µg/L	U	R	V	The analysis with this flag should not be used because another more technically sound analysis is available	24031
PZ-141	9/3/2010	Primary Sample	8315A	Formaldehyde	19	µg/L	JB	R	V	The analysis with this flag should not be used because another more technically sound analysis is available	24031
PZ-141	9/3/2010	Primary Sample	DV-WC-0077	Hydrazine	0.67	µg/L	U	R	V	The analysis with this flag should not be used because another more technically sound analysis is available	24031
PZ-141	9/3/2010	Split Sample	300.0	Phosphate	0.066	mg/L	U	UJ	V	MS/MSD recovery was poor	24081
PZ-141	9/3/2010	Split Sample	6020	Thallium	0.000424	mg/L	J	J	V	Compound was reported below the RL	24081
PZ-141	9/3/2010	Split Sample	6010B	Molybdenum	0.0059	mg/L	J	J	V	Compound was reported below the RL	24081
PZ-141	9/3/2010	Split Sample	8260B	1,1,1-Trichloroethane	2	µg/L	U	R	V	The analysis with this flag should not be used because another more technically sound analysis is available	24081
PZ-141	9/3/2010	Split Sample	8260B	1,1,2,2-Tetrachloroethane	2	µg/L	U	R	V	The analysis with this flag should not be used because another more technically sound analysis is available	24081
PZ-141	9/3/2010	Split Sample	8260B	1,1,2-Trichloro-1,2,2-trifluoroethane	10	µg/L	U	R	V	The analysis with this flag should not be used because another more technically sound analysis is available	24081
PZ-141	9/3/2010	Split Sample	8260B	1,1,2-Trichloroethane	2	µg/L	U	R	V	The analysis with this flag should not be used because another more technically sound analysis is available	24081
PZ-141	9/3/2010	Split Sample	8260B	1,1-Dichloroethane	2	µg/L	U	R	V	The analysis with this flag should not be used because another more technically sound analysis is available	24081
PZ-141	9/3/2010	Split Sample	8260B	1,1-Dichloroethene	2	µg/L	U	R	V	The analysis with this flag should not be used because another more technically sound analysis is available	24081
PZ-141	9/3/2010	Split Sample	8260B	1,2-Dichlorobenzene	2	µg/L	U	R	V	The analysis with this flag should not be used because another more technically sound analysis is available	24081
PZ-141	9/3/2010	Split Sample	8260B	1,2-Dichloroethane	2	µg/L	U	R	V	The analysis with this flag should not be used because another more technically sound analysis is available	24081
PZ-141	9/3/2010	Split Sample	8260B	1,2-Dichloropropane	2	µg/L	U	R	V	The analysis with this flag should not be used because another more technically sound analysis is available	24081
PZ-141	9/3/2010	Split Sample	8260B	1,3-Dichlorobenzene	2	µg/L	U	R	V	The analysis with this flag should not be used because another more technically sound analysis is available	24081
PZ-141	9/3/2010	Split Sample	8260B	1,4-Dichlorobenzene	2	µg/L	U	R	V	The analysis with this flag should not be used because another more technically sound analysis is available	24081

TABLE A-3
SUMMARY OF DATA QUALIFICATION, THIRD QUARTER 2010
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well Identifier:	Collection Date:	Sample Type:	Analytical Method:	Parameter:	Sample Result:	Units:	Lab Qualifier Code:	Validator Qualifier Code:	Validation Level:	Validation Notes:	Validation Report:
PZ-141	9/3/2010	Split Sample	8260B	2-Hexanone	10	µg/L	U	R	V	The analysis with this flag should not be used because another more technically sound analysis is available	24081
PZ-141	9/3/2010	Split Sample	8260B	Acetone	10	µg/L	U	R	V	The analysis with this flag should not be used because another more technically sound analysis is available	24081
PZ-141	9/3/2010	Split Sample	8260B	Acetone	1.6	µg/L	J	J	V	Compound was reported below the RL	24081
PZ-141	9/3/2010	Split Sample	8260B	Benzene	2	µg/L	U	R	V	The analysis with this flag should not be used because another more technically sound analysis is available	24081
PZ-141	9/3/2010	Split Sample	8260B	Bromodichloromethane	2	µg/L	U	R	V	The analysis with this flag should not be used because another more technically sound analysis is available	24081
PZ-141	9/3/2010	Split Sample	8260B	Bromoform	2	µg/L	U	R	V	The analysis with this flag should not be used because another more technically sound analysis is available	24081
PZ-141	9/3/2010	Split Sample	8260B	Bromomethane	2	µg/L	U	R	V	The analysis with this flag should not be used because another more technically sound analysis is available	24081
PZ-141	9/3/2010	Split Sample	8260B	Carbon Disulfide	10	µg/L	U	R	V	The analysis with this flag should not be used because another more technically sound analysis is available	24081
PZ-141	9/3/2010	Split Sample	8260B	Carbon Tetrachloride	2	µg/L	U	R	V	The analysis with this flag should not be used because another more technically sound analysis is available	24081
PZ-141	9/3/2010	Split Sample	8260B	Chlorobenzene	2	µg/L	U	R	V	The analysis with this flag should not be used because another more technically sound analysis is available	24081
PZ-141	9/3/2010	Split Sample	8260B	Chloroethane	2	µg/L	U	R	V	The analysis with this flag should not be used because another more technically sound analysis is available	24081
PZ-141	9/3/2010	Split Sample	8260B	Chloroform	0.6	µg/L	J	R	V	The analysis with this flag should not be used because another more technically sound analysis is available	24081
PZ-141	9/3/2010	Split Sample	8260B	Chloroform	0.71	µg/L	J	J	V	Compound was reported below the RL	24081
PZ-141	9/3/2010	Split Sample	8260B	Chloromethane	2	µg/L	U	R	V	The analysis with this flag should not be used because another more technically sound analysis is available	24081
PZ-141	9/3/2010	Split Sample	8260B	cis-1,2-Dichloroethene	1.84	µg/L	J	R	V	The analysis with this flag should not be used because another more technically sound analysis is available	24081
PZ-141	9/3/2010	Split Sample	8260B	cis-1,3-Dichloropropene	2	µg/L	U	R	V	The analysis with this flag should not be used because another more technically sound analysis is available	24081
PZ-141	9/3/2010	Split Sample	8260B	Dibromochloromethane	2	µg/L	U	R	V	The analysis with this flag should not be used because another more technically sound analysis is available	24081
PZ-141	9/3/2010	Split Sample	8260B	Ethylbenzene	2	µg/L	U	R	V	The analysis with this flag should not be used because another more technically sound analysis is available	24081
PZ-141	9/3/2010	Split Sample	8260B	Methyl ethyl ketone	10	µg/L	U	R	V	The analysis with this flag should not be used because another more technically sound analysis is available	24081
PZ-141	9/3/2010	Split Sample	8260B	Methyl isobutyl ketone (MIBK)	10	µg/L	U	R	V	The analysis with this flag should not be used because another more technically sound analysis is available	24081

TABLE A-3
SUMMARY OF DATA QUALIFICATION, THIRD QUARTER 2010
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well Identifier:	Collection Date:	Sample Type:	Analytical Method:	Parameter:	Sample Result:	Units:	Lab Qualifier Code:	Validator Qualifier Code:	Validation Level:	Validation Notes:	Validation Report:
PZ-141	9/3/2010	Split Sample	8260B	Methylene chloride	10	µg/L	U	R	V	The analysis with this flag should not be used because another more technically sound analysis is available	24081
PZ-141	9/3/2010	Split Sample	8260B	m-Xylene & p-Xylene	4	µg/L	U	R	V	The analysis with this flag should not be used because another more technically sound analysis is available	24081
PZ-141	9/3/2010	Split Sample	8260B	o-Xylene	2	µg/L	U	R	V	The analysis with this flag should not be used because another more technically sound analysis is available	24081
PZ-141	9/3/2010	Split Sample	8260B	Tetrachloroethene	2	µg/L	U	R	V	The analysis with this flag should not be used because another more technically sound analysis is available	24081
PZ-141	9/3/2010	Split Sample	8260B	Toluene	2	µg/L	U	R	V	The analysis with this flag should not be used because another more technically sound analysis is available	24081
PZ-141	9/3/2010	Split Sample	8260B	trans-1,2-Dichloroethene	2	µg/L	U	R	V	The analysis with this flag should not be used because another more technically sound analysis is available	24081
PZ-141	9/3/2010	Split Sample	8260B	trans-1,3-Dichloropropene	2	µg/L	U	R	V	The analysis with this flag should not be used because another more technically sound analysis is available	24081
PZ-141	9/3/2010	Split Sample	8260B	Trichloroethene	122	µg/L	E	R	V	The analysis with this flag should not be used because another more technically sound analysis is available	24081
PZ-141	9/3/2010	Split Sample	8260B	Trichlorofluoromethane	2	µg/L	U	R	V	The analysis with this flag should not be used because another more technically sound analysis is available	24081
PZ-141	9/3/2010	Split Sample	8260B	Vinyl chloride	2	µg/L	U	R	V	The analysis with this flag should not be used because another more technically sound analysis is available	24081
PZ-141	9/3/2010	Split Sample	8260B	Xylenes, Total	2	µg/L	U	R	V	The analysis with this flag should not be used because another more technically sound analysis is available	24081
PZ-141	9/3/2010	Split Sample	8270C	Benzidine	10.4	µg/L	U	UJ	V	limits	24081
PZ-141	9/3/2010	Split Sample	8270C	Benzidine	10.4	µg/L	U	UJ	V	limits	24081
PZ-141	9/3/2010	Split Sample	8315A	Formaldehyde	50	µg/L	J	U	V	Presumed contamination from preparation (method) blank	24081
PZ-144	8/4/2010	Primary Sample	8260B SIM	1,4-Dioxane	3	µg/L	JB	U	V	Presumed contamination from preparation (method) and trip blank	24029
PZ-155	8/6/2010	Primary Sample	300.0	Bromide	0.18	mg/L	J	J	V	Compound was reported below the RL	24029
PZ-155	8/6/2010	Primary Sample	300.0	Fluoride	0.31	mg/L	J	J	V	Compound was reported below the RL	24029
PZ-155	8/6/2010	Primary Sample	6020	Antimony	0.00018	mg/L	J	J	V	Compound was reported below the RL	24029
PZ-155	8/6/2010	Primary Sample	6020	Arsenic	0.0021	mg/L	J	J	V	Compound was reported below the RL	24029
PZ-155	8/6/2010	Primary Sample	6020	Cadmium	0.000065	mg/L	J	J	V	Compound was reported below the RL	24029
PZ-155	8/6/2010	Primary Sample	6020	Copper	0.0013	mg/L	J	J	V	Compound was reported below the RL	24029
PZ-155	8/6/2010	Primary Sample	6020	Selenium	0.00098	mg/L	J	J	V	Compound was reported below the RL	24029
PZ-155	8/6/2010	Primary Sample	6010B	Iron	0.022	mg/L	J	J	V	Compound was reported below the RL	24029
PZ-155	8/6/2010	Primary Sample	6010B	Molybdenum	0.0056	mg/L	J	J	V	Compound was reported below the RL	24029
PZ-155	8/6/2010	Primary Sample	6010B	Vanadium	0.0024	mg/L	J	J	V	Compound was reported below the RL	24029
PZ-155	8/6/2010	Primary Sample	8015B	Gasoline Range Organics (C12-C14)	0.12	mg/L	J	J	V	Compound was reported below the RL	24029
PZ-155	8/6/2010	Primary Sample	8260B	Vinyl chloride	0.4	µg/L	J	J	IV	Compound was reported below the RL	24029
PZ-155	8/6/2010	Primary Sample	8260B SIM	1,4-Dioxane	3	µg/L	J	U	V	Presumed contamination from trip blank	24029
PZ-155	8/6/2010	Primary Sample	8270C	Diethyl phthalate	0.46	µg/L	J	J	IV	Compound was reported below the RL	24029
PZ-155	8/6/2010	Primary Sample	8315A	Formaldehyde	50	µg/L	JB	U	V	Presumed contamination from preparation (method) and trip blank	24029

TABLE A-3
SUMMARY OF DATA QUALIFICATION, THIRD QUARTER 2010
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well Identifier:	Collection Date:	Sample Type:	Analytical Method:	Parameter:	Sample Result:	Units:	Lab Qualifier Code:	Validator Qualifier Code:	Validation Level:	Validation Notes:	Validation Report:
PZ-158	8/3/2010	Primary Sample	300.0	Nitrate-NO3	0.84	mg/L	J	J	V	Compound was reported below the RL	24000
PZ-158	8/3/2010	Primary Sample	6020	Antimony	0.00058	mg/L	J	J	V	Compound was reported below the RL	24000
PZ-158	8/3/2010	Primary Sample	6020	Beryllium	0.00045	mg/L	J	J	V	Compound was reported below the RL	24000
PZ-158	8/3/2010	Primary Sample	6020	Cadmium	0.00026	mg/L	J	J	V	Compound was reported below the RL	24000
PZ-158	8/3/2010	Primary Sample	6020	Selenium	0.00099	mg/L	J	J	V	Compound was reported below the RL	24000
PZ-158	8/3/2010	Primary Sample	6020	Silver	0.00083	mg/L	J	J	V	Compound was reported below the RL	24000
PZ-158	8/3/2010	Primary Sample	6020	Thallium	0.00015	mg/L	J	U	V	equipment rinse blank	24000
PZ-158	8/3/2010	Primary Sample	8290	Octachlorodibenzo-p-dioxin	1.1	pg/L	J	J	IV	Compound was reported below the RL	23864
PZ-158	8/3/2010	Primary Sample	8260B	Acetone	10	µg/L	JB	U	IV	Presumed contamination from preparation (method), field or equipment rinse, and trip blank	24000
PZ-158	8/3/2010	Primary Sample	8260B	Methylene chloride	5	µg/L	JB	U	IV	Presumed contamination from preparation (method), field or equipment rinse, and trip blank	24000
PZ-158	8/3/2010	Primary Sample	8260B	Tetrachloroethene	0.27	µg/L	J	J	IV	Compound was reported below the RL	24000
PZ-158	8/3/2010	Primary Sample	8260B	Trichloroethene	0.17	µg/L	J	J	IV	Compound was reported below the RL	24000
PZ-158	8/3/2010	Primary Sample	8260B SIM	1,4-Dioxane	3	µg/L	J	U	V	Presumed contamination from trip blank	24000
PZ-158	8/3/2010	Primary Sample	8315A	Formaldehyde	50	µg/L	JB	U	V	Presumed contamination from preparation (method) blank	24000
RD-01	8/20/2010	Primary Sample	8260B SIM	1,4-Dioxane	1.8	µg/L	J	J	V	Compound was reported below the RL	24042
RD-02	8/19/2010	Primary Sample	8260B	Methylene chloride	5	µg/L	J	U	V	Presumed contamination from trip blank	24081
RD-02	8/19/2010	Primary Sample	8260B SIM	1,4-Dioxane	1.7	µg/L	J	J	V	Compound was reported below the RL	24081
RD-03	7/29/2010	Primary Sample	300.0	Fluoride	0.45	mg/L	J	J	V	Compound was reported below the RL	23917
RD-03	7/29/2010	Primary Sample	8260B	Acetone	10	µg/L	J	U	V	Presumed contamination from trip blank	23917
RD-03	7/29/2010	Primary Sample	8260B SIM	1,4-Dioxane	3	µg/L	JB	U	V	Presumed contamination from preparation (method) and trip blank	23917
RD-03	7/29/2010	Primary Sample	8315A	Formaldehyde	50	µg/L	JB	U	V	Presumed contamination from preparation (method) blank	23917
RD-03	7/29/2010	Primary Sample	9040B	pH	7.29	pH Units	HTV	J	V	Holding time was exceeded	23917
RD-05A	7/27/2010	Primary Sample	300.0	Fluoride	0.24	mg/L	J	J	V	Compound was reported below the RL	23917
RD-05A	7/27/2010	Primary Sample	8260B	1,1,1-Trichloroethane	0.16	µg/L	U	UJ	V	Surrogate recovery was outside QC limits	23917
RD-05A	7/27/2010	Primary Sample	8260B	1,1,2-Trichloro-1,2,2-trifluoroethane	0.42	µg/L	U	UJ	V	Surrogate recovery was outside QC limits	23917
RD-05A	7/27/2010	Primary Sample	8260B	1,1,2-Trichloroethane	0.27	µg/L	U	UJ	V	Surrogate recovery was outside QC limits	23917
RD-05A	7/27/2010	Primary Sample	8260B	1,1-Dichloroethane	0.22	µg/L	U	UJ	V	Surrogate recovery was outside QC limits	23917
RD-05A	7/27/2010	Primary Sample	8260B	1,1-Dichloroethene	0.23	µg/L	U	UJ	V	Surrogate recovery was outside QC limits	23917
RD-05A	7/27/2010	Primary Sample	8260B	1,2-Dichloroethane	0.13	µg/L	U	UJ	V	Surrogate recovery was outside QC limits	23917
RD-05A	7/27/2010	Primary Sample	8260B	Acetone	1.9	µg/L	U	UJ	V	Surrogate recovery was outside QC limits	23917
RD-05A	7/27/2010	Primary Sample	8260B	Benzene	0.16	µg/L	U	UJ	V	Surrogate recovery was outside QC limits	23917
RD-05A	7/27/2010	Primary Sample	8260B	Carbon Tetrachloride	0.19	µg/L	U	UJ	V	Surrogate recovery was outside QC limits	23917
RD-05A	7/27/2010	Primary Sample	8260B	Chloroform	0.16	µg/L	U	UJ	V	Surrogate recovery was outside QC limits	23917
RD-05A	7/27/2010	Primary Sample	8260B	cis-1,2-Dichloroethene	0.15	µg/L	U	UJ	V	Surrogate recovery was outside QC limits	23917

TABLE A-3
SUMMARY OF DATA QUALIFICATION, THIRD QUARTER 2010
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well Identifier:	Collection Date:	Sample Type:	Analytical Method:	Parameter:	Sample Result:	Units:	Lab Qualifier Code:	Validator Qualifier Code:	Validation Level:	Validation Notes:	Validation Report:
RD-05A	7/27/2010	Primary Sample	8260B	Ethylbenzene	0.16	µg/L	U	UJ	V	Surrogate recovery was outside QC limits	23917
RD-05A	7/27/2010	Primary Sample	8260B	Methyl ethyl ketone	2	µg/L	U	UJ	V	Surrogate recovery was outside QC limits	23917
RD-05A	7/27/2010	Primary Sample	8260B	m-Xylene & p-Xylene	0.34	µg/L	U	UJ	V	Surrogate recovery was outside QC limits	23917
RD-05A	7/27/2010	Primary Sample	8260B	o-Xylene	0.19	µg/L	U	UJ	V	Surrogate recovery was outside QC limits	23917
RD-05A	7/27/2010	Primary Sample	8260B	Tetrachloroethene	0.2	µg/L	U	UJ	V	Surrogate recovery was outside QC limits	23917
RD-05A	7/27/2010	Primary Sample	8260B	Toluene	0.17	µg/L	U	UJ	V	Surrogate recovery was outside QC limits	23917
RD-05A	7/27/2010	Primary Sample	8260B	trans-1,2-Dichloroethene	0.15	µg/L	U	UJ	V	Surrogate recovery was outside QC limits	23917
RD-05A	7/27/2010	Primary Sample	8260B	Trichloroethene	0.16	µg/L	U	UJ	V	Surrogate recovery was outside QC limits	23917
RD-05A	7/27/2010	Primary Sample	8260B	Trichlorofluoromethane	0.29	µg/L	U	UJ	V	Surrogate recovery was outside QC limits	23917
RD-05A	7/27/2010	Primary Sample	8260B	Vinyl chloride	0.4	µg/L	U	UJ	V	Surrogate recovery was outside QC limits	23917
RD-05A	7/27/2010	Primary Sample	8260B SIM	1,4-Dioxane	1.5	µg/L	J	J	IV	reported below the RL	23917
RD-05A	7/27/2010	Primary Sample	8315A	Formaldehyde	50	µg/L	JB	U	V	Presumed contamination from preparation (method) blank	23917
RD-05A	7/27/2010	Primary Sample	9040B	pH	7.13	pH Units	HTV	J	V	Holding time was exceeded	23917
RD-05A	7/27/2010	Primary Sample	DV-WC-0077	1,1-Dimethylhydrazine	10	µg/L	JB	U	V	Presumed contamination from preparation (method) blank	23917
RD-05B	7/27/2010	Primary Sample	300.0	Fluoride	0.08	mg/L	J	J	V	Compound was reported below the RL	23917
RD-05B	7/27/2010	Primary Sample	350.1	Ammonia-N	0.16	mg/L	J	J	V	Compound was reported below the RL	23917
RD-05B	7/27/2010	Primary Sample	8260B	Methylene chloride	5	µg/L	J	U	V	Presumed contamination from trip blank	23917
RD-05B	7/27/2010	Primary Sample	8260B	Toluene	0.44	µg/L	J	J	V	Compound was reported below the RL	23917
RD-05B	7/27/2010	Primary Sample	8260B SIM	1,4-Dioxane	1.7	µg/L	J	J	IV	reported below the RL	23917
RD-05B	7/27/2010	Primary Sample	8315A	Formaldehyde	50	µg/L	JB	U	V	Presumed contamination from preparation (method) blank	23917
RD-05C	7/26/2010	Primary Sample	300.0	Fluoride	0.22	mg/L	J	J	V	Compound was reported below the RL	23977
RD-05C	7/26/2010	Primary Sample	350.1	Ammonia-N	0.2	mg/L	J	J	V	Compound was reported below the RL	23977
RD-05C	7/26/2010	Primary Sample	1625M	n-Nitrosodimethylamine	0.005	µg/L	UHTV	UJ	V	Holding time was exceeded	23977
RD-05C	7/26/2010	Primary Sample	8260B	Methylene chloride	5	µg/L	JB	U	V	Presumed contamination from preparation (method) and trip blank	23977
RD-05C	7/26/2010	Primary Sample	8260B SIM	1,4-Dioxane	1.7	µg/L	J	J	IV	reported below the RL	23977
RD-05C	7/26/2010	Primary Sample	8315A	Formaldehyde	50	µg/L	JB	U	V	Presumed contamination from preparation (method) blank	23977
RD-06	8/11/2010	Primary Sample	8260B	Methylene chloride	5	µg/L	JB	U	V	Presumed contamination from preparation (method) and trip blank	24029
RD-06	8/11/2010	Primary Sample	8260B SIM	1,4-Dioxane	3	µg/L	J	U	V	Presumed contamination from trip blank	24029
RD-06	8/11/2010	Primary Sample	8315A	Formaldehyde	50	µg/L	JB	U	V	Presumed contamination from preparation (method) blank	24029
RD-06	8/11/2010	Primary Sample	9040B	pH	7.25	pH Units	HTV	J	V	Holding time was exceeded	24029
RD-08	8/10/2010	Primary Sample	300.0	Fluoride	0.26	mg/L	J	J	V	Compound was reported below the RL	24029
RD-08	8/10/2010	Primary Sample	8260B	Trichloroethene	0.32	µg/L	J	J	V	Compound was reported below the RL	24029
RD-08	8/10/2010	Primary Sample	8315A	Formaldehyde	50	µg/L	JB	U	V	Presumed contamination from preparation (method) blank	24029
RD-10	8/24/2010	Primary Sample	8260B	Acetone	5.3	µg/L	J	J	V	Compound was reported below the RL	24042
RD-10	8/24/2010	Primary Sample	8260B	trans-1,2-Dichloroethene	0.52	µg/L	J	J	V	Compound was reported below the RL	24042
RD-10	8/24/2010	Primary Sample	8260B SIM	1,4-Dioxane	0.75	µg/L	U	UJ	V	MS/MSD or Duplicate RPD was high	24042

TABLE A-3
SUMMARY OF DATA QUALIFICATION, THIRD QUARTER 2010
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well Identifier:	Collection Date:	Sample Type:	Analytical Method:	Parameter:	Sample Result:	Units:	Lab Qualifier Code:	Validator Qualifier Code:	Validation Level:	Validation Notes:	Validation Report:
RD-11	7/28/2010	Primary Sample	350.1	Ammonia-N	0.46	mg/L	J	J	V	Compound was reported below the RL	23977
RD-11	7/28/2010	Primary Sample	8260B	Methylene chloride	5	µg/L	J	U	V	Presumed contamination from trip blank	23977
RD-11	7/28/2010	Primary Sample	8260B SIM	1,4-Dioxane	3	µg/L	JB	U	V	Presumed contamination from preparation (method) and trip blank	23977
RD-11	7/28/2010	Primary Sample	8315A	Formaldehyde	50	µg/L	JB	U	V	Presumed contamination from preparation (method) blank	23977
RD-12	8/4/2010	Primary Sample	300.0	Fluoride	0.47	mg/L	J	J	V	Compound was reported below the RL	24029
RD-12	8/4/2010	Primary Sample	8260B SIM	1,4-Dioxane	3	µg/L	JB	U	V	Presumed contamination from preparation (method) and trip blank	24029
RD-12	8/4/2010	Primary Sample	8315A	Formaldehyde	50	µg/L	JB	U	V	Presumed contamination from preparation (method) blank	24029
RD-12	8/4/2010	Primary Sample	9040B	pH	7.72	pH Units	HTV	J	V	Holding time was exceeded	24029
RD-13	8/24/2010	Primary Sample	8260B	Acetone	5.5	µg/L	J	J	V	Compound was reported below the RL	24042
RD-13	8/24/2010	Primary Sample	8260B	Trichloroethene	0.25	µg/L	J	J	V	Compound was reported below the RL	24042
RD-19	8/19/2010	Primary Sample	8260B	Methylene chloride	5	µg/L	J	U	V	Presumed contamination from trip blank	24081
RD-32	7/22/2010	Primary Sample	8015B	Gasoline Range Organics (C6-C12)	5.6	µg/L	J	J	V	Compound was reported below the RL	23811
RD-32	7/22/2010	Primary Sample	8260B	Methylene chloride	5	µg/L	JB	U	V	Presumed contamination from preparation (method) and trip blank	23811
RD-32	7/22/2010	Primary Sample	8260B SIM	1,4-Dioxane	1.9	µg/L	J	J	IV	Calibration RRF was < 0.05; compound was reported below the RL	23811
RD-33A	8/18/2010	Primary Sample	8260B	1,1-Dichloroethane	0.32	µg/L	J	J	V	Compound was reported below the RL	24081
RD-33A	8/18/2010	Primary Sample	8260B	1,1-Dichloroethene	0.84	µg/L	J	J	V	Compound was reported below the RL	24081
RD-33A	8/18/2010	Primary Sample	8260B	Acetone	4.5	µg/L	J	J	V	Compound was reported below the RL	24081
RD-33A	8/18/2010	Primary Sample	8260B	Benzene	0.19	µg/L	J	J	V	Compound was reported below the RL	24081
RD-33A	8/18/2010	Primary Sample	8260B	Methylene chloride	5	µg/L	J	U	V	Presumed contamination from trip blank	24081
RD-33A	8/18/2010	Primary Sample	8260B	Trichloroethene	0.16	µg/L	J	J	V	Compound was reported below the RL	24081
RD-33B	9/2/2010	Primary Sample	8260B	1,1,1-Trichloroethane	0.16	µg/L	U	UJ	V	Surrogate recovery was outside QC limits	24081
RD-33B	9/2/2010	Primary Sample	8260B	1,1,2-Trichloro-1,2,2-trifluoroethane	0.42	µg/L	U	UJ	V	Surrogate recovery was outside QC limits	24081
RD-33B	9/2/2010	Primary Sample	8260B	1,1,2-Trichloroethane	0.27	µg/L	U	UJ	V	Surrogate recovery was outside QC limits	24081
RD-33B	9/2/2010	Primary Sample	8260B	1,1-Dichloroethane	0.22	µg/L	U	UJ	V	Surrogate recovery was outside QC limits	24081
RD-33B	9/2/2010	Primary Sample	8260B	1,1-Dichloroethene	0.23	µg/L	U	UJ	V	Surrogate recovery was outside QC limits	24081
RD-33B	9/2/2010	Primary Sample	8260B	1,2-Dichloroethane	0.13	µg/L	U	UJ	V	Surrogate recovery was outside QC limits	24081
RD-33B	9/2/2010	Primary Sample	8260B	Benzene	0.16	µg/L	U	UJ	V	Surrogate recovery was outside QC limits	24081
RD-33B	9/2/2010	Primary Sample	8260B	Carbon Tetrachloride	0.19	µg/L	U	UJ	V	Surrogate recovery was outside QC limits	24081
RD-33B	9/2/2010	Primary Sample	8260B	Chloroform	0.16	µg/L	U	UJ	V	Surrogate recovery was outside QC limits	24081
RD-33B	9/2/2010	Primary Sample	8260B	cis-1,2-Dichloroethene	0.15	µg/L	U	UJ	V	Surrogate recovery was outside QC limits	24081
RD-33B	9/2/2010	Primary Sample	8260B	Ethylbenzene	0.16	µg/L	U	UJ	V	Surrogate recovery was outside QC limits	24081
RD-33B	9/2/2010	Primary Sample	8260B	Methyl ethyl ketone	2	µg/L	U	UJ	V	Surrogate recovery was outside QC limits	24081
RD-33B	9/2/2010	Primary Sample	8260B	m-Xylene & p-Xylene	0.34	µg/L	U	UJ	V	Surrogate recovery was outside QC limits	24081

TABLE A-3
SUMMARY OF DATA QUALIFICATION, THIRD QUARTER 2010
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well Identifier:	Collection Date:	Sample Type:	Analytical Method:	Parameter:	Sample Result:	Units:	Lab Qualifier Code:	Validator Qualifier Code:	Validation Level:	Validation Notes:	Validation Report:
RD-33B	9/2/2010	Primary Sample	8260B	o-Xylene	0.19	µg/L	U	UJ	V	Surrogate recovery was outside QC limits	24081
RD-33B	9/2/2010	Primary Sample	8260B	Tetrachloroethene	0.2	µg/L	U	UJ	V	Surrogate recovery was outside QC limits	24081
RD-33B	9/2/2010	Primary Sample	8260B	Toluene	0.17	µg/L	U	UJ	V	Surrogate recovery was outside QC limits	24081
RD-33B	9/2/2010	Primary Sample	8260B	trans-1,2-Dichloroethene	0.15	µg/L	U	UJ	V	Surrogate recovery was outside QC limits	24081
RD-33B	9/2/2010	Primary Sample	8260B	Trichloroethene	0.16	µg/L	U	UJ	V	Surrogate recovery was outside QC limits	24081
RD-33B	9/2/2010	Primary Sample	8260B	Trichlorofluoromethane	0.29	µg/L	U	UJ	V	Surrogate recovery was outside QC limits	24081
RD-33B	9/2/2010	Primary Sample	8260B	Vinyl chloride	0.4	µg/L	U	UJ	V	Surrogate recovery was outside QC limits	24081
RD-33C	9/3/2010	Primary Sample	8260B	1,1,1-Trichloroethane	0.16	µg/L	U	UJ	V	Surrogate recovery was outside QC limits	24031
RD-33C	9/3/2010	Primary Sample	8260B	1,1,2-Trichloro-1,2,2-trifluoroethane	0.42	µg/L	U	UJ	V	Surrogate recovery was outside QC limits	24031
RD-33C	9/3/2010	Primary Sample	8260B	1,1,2-Trichloroethane	0.27	µg/L	U	UJ	V	Surrogate recovery was outside QC limits	24031
RD-33C	9/3/2010	Primary Sample	8260B	1,1-Dichloroethane	0.22	µg/L	U	UJ	V	Surrogate recovery was outside QC limits	24031
RD-33C	9/3/2010	Primary Sample	8260B	1,1-Dichloroethene	0.23	µg/L	U	UJ	V	Surrogate recovery was outside QC limits	24031
RD-33C	9/3/2010	Primary Sample	8260B	1,2-Dichloroethane	0.13	µg/L	U	UJ	V	Surrogate recovery was outside QC limits	24031
RD-33C	9/3/2010	Primary Sample	8260B	Benzene	0.16	µg/L	U	UJ	V	Surrogate recovery was outside QC limits	24031
RD-33C	9/3/2010	Primary Sample	8260B	Carbon Tetrachloride	0.19	µg/L	U	UJ	V	Surrogate recovery was outside QC limits	24031
RD-33C	9/3/2010	Primary Sample	8260B	Chloroform	0.16	µg/L	U	UJ	V	Surrogate recovery was outside QC limits	24031
RD-33C	9/3/2010	Primary Sample	8260B	cis-1,2-Dichloroethene	0.15	µg/L	U	UJ	V	Surrogate recovery was outside QC limits	24031
RD-33C	9/3/2010	Primary Sample	8260B	Ethylbenzene	0.16	µg/L	U	UJ	V	Surrogate recovery was outside QC limits	24031
RD-33C	9/3/2010	Primary Sample	8260B	Methyl ethyl ketone	2	µg/L	U	UJ	V	Surrogate recovery was outside QC limits	24031
RD-33C	9/3/2010	Primary Sample	8260B	Methylene chloride	0.32	µg/L	U	UJ	V	Surrogate recovery was outside QC limits	24031
RD-33C	9/3/2010	Primary Sample	8260B	m-Xylene & p-Xylene	0.34	µg/L	U	UJ	V	Surrogate recovery was outside QC limits	24031
RD-33C	9/3/2010	Primary Sample	8260B	o-Xylene	0.19	µg/L	U	UJ	V	Surrogate recovery was outside QC limits	24031
RD-33C	9/3/2010	Primary Sample	8260B	Tetrachloroethene	0.2	µg/L	U	UJ	V	Surrogate recovery was outside QC limits	24031
RD-33C	9/3/2010	Primary Sample	8260B	Toluene	0.17	µg/L	U	UJ	V	Surrogate recovery was outside QC limits	24031
RD-33C	9/3/2010	Primary Sample	8260B	trans-1,2-Dichloroethene	0.15	µg/L	U	UJ	V	Surrogate recovery was outside QC limits	24031
RD-33C	9/3/2010	Primary Sample	8260B	Trichloroethene	0.16	µg/L	U	UJ	V	Surrogate recovery was outside QC limits	24031
RD-33C	9/3/2010	Primary Sample	8260B	Trichlorofluoromethane	0.29	µg/L	U	UJ	V	Surrogate recovery was outside QC limits	24031
RD-33C	9/3/2010	Primary Sample	8260B	Vinyl chloride	0.4	µg/L	U	UJ	V	Surrogate recovery was outside QC limits	24031

TABLE A-3
SUMMARY OF DATA QUALIFICATION, THIRD QUARTER 2010
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well Identifier:	Collection Date:	Sample Type:	Analytical Method:	Parameter:	Sample Result:	Units:	Lab Qualifier Code:	Validator Qualifier Code:	Validation Level:	Validation Notes:	Validation Report:
RD-34A	8/20/2010	Primary Sample	8260B	1,1-Dichloroethene	0.24	µg/L	J	J	V	Compound was reported below the RL	24042
RD-34A	8/20/2010	Primary Sample	8260B	cis-1,2-Dichloroethene	0.4	µg/L	J	J	V	Compound was reported below the RL	24042
RD-34B	8/20/2010	Primary Sample	8260B	1,1-Dichloroethene	0.29	µg/L	J	J	V	Compound was reported below the RL	24042
RD-34B	8/20/2010	Primary Sample	8260B	Acetone	10	µg/L	JB	U	V	Presumed contamination from preparation (method) blank	24042
RD-34B	8/20/2010	Primary Sample	8260B	cis-1,2-Dichloroethene	0.99	µg/L	J	J	V	Compound was reported below the RL	24042
RD-34C	8/30/2010	Primary Sample	8260B SIM	1,4-Dioxane	3	µg/L	J	U	V	Presumed contamination from trip blank	24000
RD-36B	8/11/2010	Primary Sample	8015B	Gasoline Range Organics (C12-C14)	0.031	mg/L	U	UJ	V	MS/MSD or Duplicate RPD was high	24029
RD-36B	8/11/2010	Primary Sample	8015B	Gasoline Range Organics (C6-C12)	51	µg/L	J	J	V	Compound was reported below the RL	24029
RD-36B	8/11/2010	Primary Sample	8015B	Gasoline Range Organics (C8-C11)	0.076	mg/L	U	UJ	V	MS/MSD or Duplicate RPD was high	24029
RD-36B	8/11/2010	Primary Sample	8260B	Acetone	4.6	µg/L	J	J	V	Surrogate recovery was outside QC limits; compound was reported below the RL	24029
RD-36B	8/11/2010	Primary Sample	8260B	Chloroform	0.35	µg/L	J	J	V	Compound was reported below the RL	24029
RD-36B	8/11/2010	Primary Sample	8260B	cis-1,2-Dichloroethene	0.21	µg/L	J	J	V	Compound was reported below the RL	24029
RD-36B	8/11/2010	Primary Sample	8260B	Methylene chloride	5	µg/L	JB	UJ	V	Surrogate recovery was outside QC limits; presumed contamination from preparation (method) blank	24029
RD-36B	8/11/2010	Primary Sample	8260B	Tetrachloroethene	10	µg/L		J	V	Surrogate recovery was outside QC limits	24029
RD-36B	8/11/2010	Primary Sample	8260B	Trichloroethene	140	µg/L		J	V	Surrogate recovery was outside QC limits	24029
RD-36B	8/11/2010	Primary Sample	8260B SIM	1,4-Dioxane	1	µg/L	J	J	IV	Calibration RRF was < 0.05; compound was reported below the RL	24029
RD-36B	8/11/2010	Primary Sample	300.0	Fluoride	0.11	mg/L	J	J	V	Compound was reported below the RL	24029
RD-36B	8/11/2010	Primary Sample	314.0	Perchlorate	0.67	µg/L	J	J	V	Compound was reported below the RL	24029
RD-36B	8/11/2010	Primary Sample	8315A	Formaldehyde	50	µg/L	JB	U	V	Presumed contamination from preparation (method) blank	24029
RD-36B	8/11/2010	Primary Sample	9040B	pH	6.5	pH Units	HTV	J	V	Holding time was exceeded	24029
RD-36B	8/11/2010	Field Duplicate	8015B	Gasoline Range Organics (C12-C14)	0.032	mg/L	U	UJ	V	MS/MSD or Duplicate RPD was high	24029
RD-36B	8/11/2010	Field Duplicate	8015B	Gasoline Range Organics (C6-C12)	50	µg/L	J	J	V	Compound was reported below the RL	24029
RD-36B	8/11/2010	Field Duplicate	8015B	Gasoline Range Organics (C8-C11)	0.078	mg/L	U	UJ	V	MS/MSD or Duplicate RPD was high	24029
RD-36B	8/11/2010	Field Duplicate	8260B	Acetone	2.8	µg/L	J	J	V	Surrogate recovery was outside QC limits; Compound was reported below the RL	24029
RD-36B	8/11/2010	Field Duplicate	8260B	Chloroform	0.35	µg/L	J	J	V	Compound was reported below the RL; surrogate recovery was outside QC limits	24029
RD-36B	8/11/2010	Field Duplicate	8260B	cis-1,2-Dichloroethene	0.24	µg/L	J	J	V	Compound was reported below the RL; surrogate recovery was outside QC limits	24029
RD-36B	8/11/2010	Field Duplicate	8260B	Methylene chloride	5	µg/L	JB	UJ	V	Surrogate recovery was outside QC limits; presumed contamination from preparation (method) blank	24029
RD-36B	8/11/2010	Field Duplicate	8260B	Tetrachloroethene	10	µg/L		J	V	Surrogate recovery was outside QC limits	24029
RD-36B	8/11/2010	Field Duplicate	8260B	Trichloroethene	150	µg/L		J	V	Surrogate recovery was outside QC limits	24029
RD-36B	8/11/2010	Field Duplicate	8270C	bis(2-Ethylhexyl) phthalate	1.1	µg/L	JB	UJ	V	Presumed contamination from preparation (method) blank	24029
RD-36B	8/11/2010	Field Duplicate	300.0	Fluoride	0.13	mg/L	J	J	V	Compound was reported below the RL	24029
RD-36B	8/11/2010	Field Duplicate	8315A	Formaldehyde	50	µg/L	JB	U	V	Presumed contamination from preparation (method) blank	24029
RD-36B	8/11/2010	Field Duplicate	9040B	pH	6.53	pH Units	HTV	J	V	Holding time was exceeded	24029

TABLE A-3
SUMMARY OF DATA QUALIFICATION, THIRD QUARTER 2010
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well Identifier:	Collection Date:	Sample Type:	Analytical Method:	Parameter:	Sample Result:	Units:	Lab Qualifier Code:	Validator Qualifier Code:	Validation Level:	Validation Notes:	Validation Report:
RD-36C	8/5/2010	Primary Sample	8015B	Diesel Range Organics (C21-C30)	0.086	mg/L	J	J	IV	Compound was reported below the RL	24029
RD-36C	8/5/2010	Primary Sample	8015B	Diesel Range Organics (C8-C30)	0.11	mg/L	J	J	IV	Compound was reported below the RL	24029
RD-36C	8/5/2010	Primary Sample	8015B	Gasoline Range Organics (C6-C12)	45	µg/L	J	J	V	Compound was reported below the RL	24029
RD-36C	8/5/2010	Primary Sample	8260B	1,1-Dichloroethane	0.52	µg/L	J	J	V	Compound was reported below the RL	24029
RD-36C	8/5/2010	Primary Sample	8260B	Acetone	10	µg/L	J	U	V	Presumed contamination from trip blank	24029
RD-36C	8/5/2010	Primary Sample	8260B	Methylene chloride	5	µg/L	J	U	V	Presumed contamination from trip blank	24029
RD-36C	8/5/2010	Primary Sample	8260B	Toluene	0.26	µg/L	J	J	V	Compound was reported below the RL	24029
RD-36C	8/5/2010	Primary Sample	8260B	Trichloroethene	0.26	µg/L	J	J	V	Compound was reported below the RL	24029
RD-36C	8/5/2010	Primary Sample	8260B SIM	1,4-Dioxane	3.9	µg/L	B	U	V	Presumed contamination from preparation (method) and trip blank	24029
RD-36C	8/5/2010	Field Duplicate	8015B	Diesel Range Organics (C21-C30)	0.079	mg/L	J	J	IV	Compound was reported below the RL	24029
RD-36C	8/5/2010	Field Duplicate	8015B	Diesel Range Organics (C8-C30)	0.11	mg/L	J	J	IV	Compound was reported below the RL	24029
RD-36C	8/5/2010	Field Duplicate	8015B	Gasoline Range Organics (C6-C12)	48	µg/L	JB	J	V	Compound was reported below the RL	24029
RD-36C	8/5/2010	Field Duplicate	8260B	1,1-Dichloroethane	0.55	µg/L	J	J	V	Compound was reported below the RL	24029
RD-36C	8/5/2010	Field Duplicate	8260B	Acetone	10	µg/L	J	U	V	Presumed contamination from trip blank	24029
RD-36C	8/5/2010	Field Duplicate	8260B	Methylene chloride	5	µg/L	J	U	V	Presumed contamination from trip blank	24029
RD-36C	8/5/2010	Field Duplicate	8260B	Toluene	0.25	µg/L	J	J	V	Compound was reported below the RL	24029
RD-36C	8/5/2010	Field Duplicate	8260B	Trichloroethene	0.25	µg/L	J	J	V	Compound was reported below the RL	24029
RD-36C	8/5/2010	Field Duplicate	8260B SIM	1,4-Dioxane	3.8	µg/L	B	U	V	Presumed contamination from preparation (method) and trip blank	24029
RD-36C	8/6/2010	Primary Sample	8270C	bis(2-Ethylhexyl) phthalate	36	µg/L		J	V	Field duplicate RPD exceeded criteria	24029
RD-36C	8/6/2010	Primary Sample	8315A	Formaldehyde	50	µg/L	JB	U	V	Presumed contamination from preparation (method) blank	24029
RD-36C	8/6/2010	Primary Sample	9040B	pH	7.06	pH Units	HTV	J	V	Holding time was exceeded	24029
RD-36C	8/6/2010	Field Duplicate	8270C	bis(2-Ethylhexyl) phthalate	66	µg/L		J	V	Field duplicate RPD exceeded criteria	24029
RD-36C	8/6/2010	Field Duplicate	8315A	Formaldehyde	50	µg/L	JB	U	V	Presumed contamination from preparation (method) blank	24029
RD-36C	8/6/2010	Field Duplicate	9040B	pH	7.01	pH Units	HTV	J	V	Holding time was exceeded	24029
RD-36D	7/28/2010	Primary Sample	300.0	Fluoride	0.06	mg/L	J	J	V	Compound was reported below the RL	23977
RD-36D	7/28/2010	Primary Sample	8260B	Methylene chloride	5	µg/L	J	U	V	Presumed contamination from trip blank	23977
RD-36D	7/28/2010	Primary Sample	8260B	Toluene	0.38	µg/L	J	J	V	Compound was reported below the RL	23977
RD-36D	7/28/2010	Primary Sample	8260B SIM	1,4-Dioxane	3	µg/L	JB	U	V	Presumed contamination from preparation (method) and trip blank	23977
RD-36D	7/28/2010	Primary Sample	8315A	Formaldehyde	50	µg/L	JB	U	V	Presumed contamination from preparation (method) blank	23977
RD-37	8/5/2010	Primary Sample	8015B	Gasoline Range Organics (C6-C12)	100	µg/L	JB	U	V	Presumed contamination from preparation (method) blank	24029
RD-37	8/5/2010	Primary Sample	8260B SIM	1,4-Dioxane	3	µg/L	JB	U	V	Presumed contamination from preparation (method) and trip blank	24029
RD-37	8/5/2010	Primary Sample	8315A	Formaldehyde	50	µg/L	JB	U	V	Presumed contamination from preparation (method) blank	24029
RD-37	8/5/2010	Primary Sample	9040B	pH	7.17	pH Units	HTV	J	V	Holding time was exceeded	24029
RD-37	8/5/2010	Field Duplicate	8015B	Gasoline Range Organics (C6-C12)	100	µg/L	JB	U	V	Presumed contamination from preparation (method) blank	24029
RD-37	8/5/2010	Field Duplicate	8260B SIM	1,4-Dioxane	3	µg/L	JB	U	V	Presumed contamination from preparation (method) and trip blank	24029
RD-37	8/5/2010	Field Duplicate	8315A	Formaldehyde	50	µg/L	JB	U	V	Presumed contamination from preparation (method) blank	24029
RD-37	8/5/2010	Field Duplicate	9040B	pH	7.11	pH Units	HTV	J	V	Holding time was exceeded	24029
RD-38B	8/3/2010	Primary Sample	300.0	Fluoride	0.29	mg/L	J	J	V	Compound was reported below the RL	24000
RD-38B	8/3/2010	Primary Sample	8015B	Gasoline Range Organics (C6-C12)	100	µg/L	JB	UJ	V	(method) and trip blank; Compound was reported	24000

TABLE A-3
SUMMARY OF DATA QUALIFICATION, THIRD QUARTER 2010
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well Identifier:	Collection Date:	Sample Type:	Analytical Method:	Parameter:	Sample Result:	Units:	Lab Qualifier Code:	Validator Qualifier Code:	Validation Level:	Validation Notes:	Validation Report:
RD-38B	8/3/2010	Primary Sample	8260B SIM	1,4-Dioxane	3	µg/L	JB	U	V	Presumed contamination from preparation (method) blank	24000
RD-38B	8/3/2010	Primary Sample	8270C	bis(2-Ethylhexyl) phthalate	0.68	µg/L	J	J	IV	Compound was reported below the RL	24000
RD-38B	8/3/2010	Primary Sample	8315A	Formaldehyde	50	µg/L	JB	U	V	Presumed contamination from preparation (method) blank	24000
RD-38B	8/3/2010	Field Duplicate	300.0	Fluoride	0.3	mg/L	J	J	V	Compound was reported below the RL	24000
RD-38B	8/3/2010	Field Duplicate	8260B SIM	1,4-Dioxane	3	µg/L	JB	U	V	Presumed contamination from preparation (method) blank	24000
RD-38B	8/3/2010	Field Duplicate	8270C	bis(2-Ethylhexyl) phthalate	1	µg/L	J	J	IV	Compound was reported below the RL	24000
RD-38B	8/3/2010	Field Duplicate	8315A	Formaldehyde	50	µg/L	JB	U	V	Presumed contamination from preparation (method) blank	24000
RD-39B	8/4/2010	Primary Sample	300.0	Fluoride	0.1	mg/L	J	J	V	Compound was reported below the RL	24029
RD-39B	8/4/2010	Primary Sample	8260B SIM	1,4-Dioxane	3	µg/L	JB	U	V	Presumed contamination from preparation (method) and trip blank	24029
RD-39B	8/4/2010	Primary Sample	8315A	Formaldehyde	50	µg/L	JB	U	V	Presumed contamination from preparation (method) blank	24029
RD-41A	8/13/2010	Primary Sample	6010B	Potassium	4	mg/L	J	J	V	Compound was reported below the RL	24042
RD-41A	8/13/2010	Primary Sample	8015B	Gasoline Range Organics (C12-C14)	0.035	mg/L	U	UJ	V	limits	24042
RD-41A	8/13/2010	Primary Sample	8260B	trans-1,2-Dichloroethene	0.35	µg/L	J	J	V	Compound was reported below the RL	24042
RD-41A	8/13/2010	Primary Sample	8315A	Formaldehyde	23	µg/L	JB	U	V	Presumed contamination from preparation (method) blank	24042
RD-41A	8/13/2010	Primary Sample	300.0	Fluoride	0.32	mg/L	J	J	V	Compound was reported below the RL	24042
RD-41A	8/13/2010	Primary Sample	6010B	Potassium, Dissolved	4.1	mg/L	J	J	V	Compound was reported below the RL	24042
RD-41B	8/25/2010	Primary Sample	8260B	1,1-Dichloroethene	3.9	µg/L	J	J	V	Compound was reported below the RL	24031
RD-41B	8/25/2010	Primary Sample	8260B	cis-1,2-Dichloroethene	1100	µg/L		J	V	Surrogate recovery was outside QC limits	24031
RD-41B	8/25/2010	Primary Sample	8260B	Trichloroethene	560	µg/L		J	V	Surrogate recovery was outside QC limits	24031
RD-41B	8/25/2010	Primary Sample	8260B SIM	1,4-Dioxane	1.1	µg/L	J	J	V	LCS/LCSD %R or RPD was not within control limits; compound was reported below the RL	24031
RD-43A	7/26/2010	Primary Sample	300.0	Fluoride	0.38	mg/L	J	J	V	Compound was reported below the RL	23977
RD-43A	7/26/2010	Primary Sample	350.1	Ammonia-N	0.066	mg/L	J	J	IV	Compound was reported below the RL	23977
RD-43A	7/26/2010	Primary Sample	8260B	Methylene chloride	5	µg/L	JB	U	V	Presumed contamination from preparation (method) and trip blank	23977
RD-43A	7/26/2010	Primary Sample	8260B SIM	1,4-Dioxane	3	µg/L	J	U	V	Presumed contamination from trip blank	23977
RD-43A	7/26/2010	Primary Sample	8315A	Formaldehyde	50	µg/L	JB	U	V	Presumed contamination from preparation (method) blank	23977
RD-43B	7/27/2010	Primary Sample	300.0	Fluoride	0.35	mg/L	J	J	V	Compound was reported below the RL	23917
RD-43B	7/27/2010	Primary Sample	350.1	Ammonia-N	0.13	mg/L	J	J	V	Compound was reported below the RL	23917
RD-43B	7/27/2010	Primary Sample	8260B	1,1,1-Trichloroethane	0.16	µg/L	U	UJ	V	Surrogate recovery was outside QC limits	23917
RD-43B	7/27/2010	Primary Sample	8260B	1,1,2-Trichloro-1,2,2-trifluoroethane	0.42	µg/L	U	UJ	V	Surrogate recovery was outside QC limits	23917
RD-43B	7/27/2010	Primary Sample	8260B	1,1,2-Trichloroethane	0.27	µg/L	U	UJ	V	Surrogate recovery was outside QC limits	23917
RD-43B	7/27/2010	Primary Sample	8260B	1,1-Dichloroethane	0.22	µg/L	U	UJ	V	Surrogate recovery was outside QC limits	23917
RD-43B	7/27/2010	Primary Sample	8260B	1,1-Dichloroethene	0.23	µg/L	U	UJ	V	Surrogate recovery was outside QC limits	23917

TABLE A-3
SUMMARY OF DATA QUALIFICATION, THIRD QUARTER 2010
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well Identifier:	Collection Date:	Sample Type:	Analytical Method:	Parameter:	Sample Result:	Units:	Lab Qualifier Code:	Validator Qualifier Code:	Validation Level:	Validation Notes:	Validation Report:
RD-43B	7/27/2010	Primary Sample	8260B	1,2-Dichloroethane	0.13	µg/L	U	UJ	V	Surrogate recovery was outside QC limits	23917
RD-43B	7/27/2010	Primary Sample	8260B	Acetone	1.9	µg/L	U	UJ	V	Surrogate recovery was outside QC limits	23917
RD-43B	7/27/2010	Primary Sample	8260B	Benzene	0.16	µg/L	U	UJ	V	Surrogate recovery was outside QC limits	23917
RD-43B	7/27/2010	Primary Sample	8260B	Carbon Tetrachloride	0.19	µg/L	U	UJ	V	Surrogate recovery was outside QC limits	23917
RD-43B	7/27/2010	Primary Sample	8260B	Chloroform	0.16	µg/L	U	UJ	V	Surrogate recovery was outside QC limits	23917
RD-43B	7/27/2010	Primary Sample	8260B	cis-1,2-Dichloroethene	0.15	µg/L	U	UJ	V	Surrogate recovery was outside QC limits	23917
RD-43B	7/27/2010	Primary Sample	8260B	Ethylbenzene	0.16	µg/L	U	UJ	V	Surrogate recovery was outside QC limits	23917
RD-43B	7/27/2010	Primary Sample	8260B	Isopropanol	13	µg/L	U	UJ	V	Surrogate recovery was outside QC limits	23917
RD-43B	7/27/2010	Primary Sample	8260B	Methyl ethyl ketone	2	µg/L	U	UJ	V	Surrogate recovery was outside QC limits	23917
RD-43B	7/27/2010	Primary Sample	8260B	m-Xylene & p-Xylene	0.34	µg/L	U	UJ	V	Surrogate recovery was outside QC limits	23917
RD-43B	7/27/2010	Primary Sample	8260B	o-Xylene	0.19	µg/L	U	UJ	V	Surrogate recovery was outside QC limits	23917
RD-43B	7/27/2010	Primary Sample	8260B	Tetrachloroethene	0.2	µg/L	U	UJ	V	Surrogate recovery was outside QC limits	23917
RD-43B	7/27/2010	Primary Sample	8260B	Toluene	0.17	µg/L	U	UJ	V	Surrogate recovery was outside QC limits	23917
RD-43B	7/27/2010	Primary Sample	8260B	trans-1,2-Dichloroethene	0.15	µg/L	U	UJ	V	Surrogate recovery was outside QC limits	23917
RD-43B	7/27/2010	Primary Sample	8260B	Trichloroethene	0.16	µg/L	U	UJ	V	Surrogate recovery was outside QC limits	23917
RD-43B	7/27/2010	Primary Sample	8260B	Trichlorofluoromethane	0.29	µg/L	U	UJ	V	Surrogate recovery was outside QC limits	23917
RD-43B	7/27/2010	Primary Sample	8260B	Vinyl chloride	0.4	µg/L	U	UJ	V	Surrogate recovery was outside QC limits	23917
RD-43B	7/27/2010	Primary Sample	8260B SIM	1,4-Dioxane	3	µg/L	J	U	V	Presumed contamination from trip blank	23917
RD-43B	7/27/2010	Primary Sample	8315A	Formaldehyde	50	µg/L	JB	U	V	Presumed contamination from preparation (method) blank	23917
RD-43B	7/27/2010	Primary Sample	9040B	pH	7.32	pH Units	HTV	J	V	Holding time was exceeded	23917
RD-43B	7/27/2010	Primary Sample	DV-WC-0077	1,1-Dimethylhydrazine	10	µg/L	JB	U	IV	Presumed contamination from preparation (method) blank	23917
RD-43B	7/27/2010	Primary Sample	DV-WC-0077	Monomethylhydrazine	0.26	µg/L	J	J	IV	Compound was reported below the RL	23917
RD-43C	7/26/2010	Primary Sample	300.0	Fluoride	0.35	mg/L	J	J	V	Compound was reported below the RL	23977
RD-43C	7/26/2010	Primary Sample	350.1	Ammonia-N	0.12	mg/L	J	J	V	Compound was reported below the RL	23977
RD-43C	7/26/2010	Primary Sample	8260B	Methylene chloride	5	µg/L	JB	U	V	Presumed contamination from preparation (method) and trip blank	23977
RD-43C	7/26/2010	Primary Sample	8260B SIM	1,4-Dioxane	3	µg/L	J	U	V	Presumed contamination from trip blank	23977
RD-43C	7/26/2010	Primary Sample	8315A	Formaldehyde	50	µg/L	JB	U	V	Presumed contamination from preparation (method) blank	23977
RD-44	7/26/2010	Primary Sample	1625M	n-Nitrosodimethylamine	0.005	µg/L	UHTV	UJ	V	Holding time was exceeded	23977
RD-44	7/26/2010	Field Duplicate	1625M	n-Nitrosodimethylamine	0.005	µg/L	UHTV	UJ	V	Holding time was exceeded	23977
RD-45A	8/19/2010	Primary Sample	300.0	Fluoride	0.24	mg/L	J	J	V	Compound was reported below the RL	24081
RD-45A	8/19/2010	Primary Sample	8260B	1,1-Dichloroethene	0.51	µg/L	J	J	V	Surrogate recovery was outside QC limits; compound was reported below the RL	24081

TABLE A-3
SUMMARY OF DATA QUALIFICATION, THIRD QUARTER 2010
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well Identifier:	Collection Date:	Sample Type:	Analytical Method:	Parameter:	Sample Result:	Units:	Lab Qualifier Code:	Validator Qualifier Code:	Validation Level:	Validation Notes:	Validation Report:
RD-45A	8/19/2010	Primary Sample	8260B	cis-1,2-Dichloroethene	45	µg/L		J	V	Surrogate recovery was outside QC limits	24081
RD-45A	8/19/2010	Primary Sample	8260B	Methylene chloride	5	µg/L	J	UJ	V	presumed contamination from trip blank	24081
RD-45A	8/19/2010	Primary Sample	8260B	trans-1,2-Dichloroethene	3.2	µg/L		J	V	Surrogate recovery was outside QC limits	24081
RD-45A	8/19/2010	Primary Sample	8260B	Trichloroethene	84	µg/L		J	V	Surrogate recovery was outside QC limits	24081
RD-45A	8/19/2010	Primary Sample	8260B SIM	1,4-Dioxane	1.5	µg/L	J	J	IV	Compound was reported below the RL	24081
RD-45A	8/19/2010	Primary Sample	8315A	Formaldehyde	50	µg/L	JB	U	V	Presumed contamination from preparation (method) blank	24081
RD-45B	8/13/2010	Primary Sample	300.0	Fluoride	0.19	mg/L	J	J	V	Compound was reported below the RL	24042
RD-45B	8/13/2010	Primary Sample	8015B	Gasoline Range Organics (C12-C14)	0.032	mg/L	U	UJ	V	limits	24042
RD-45B	8/13/2010	Primary Sample	8260B	Acetone	10	µg/L	J	U	V	Presumed contamination from trip blank	24042
RD-45B	8/13/2010	Primary Sample	8260B	Methylene chloride	5	µg/L	J	U	V	Presumed contamination from trip blank	24042
RD-45B	8/13/2010	Primary Sample	8260B SIM	1,4-Dioxane	0.83	µg/L	J	J	V	Compound was reported below the RL	24042
RD-45B	8/13/2010	Primary Sample	8315A	Formaldehyde	22	µg/L	JB	U	V	Presumed contamination from preparation (method) blank; MS/MSD recovery was poor	24042
RD-45C	8/13/2010	Primary Sample	300.0	Fluoride	0.31	mg/L	J	J	V	Compound was reported below the RL	24042
RD-45C	8/13/2010	Primary Sample	8015B	Diesel Range Organics (C21-C30)	0.072	mg/L	J	J	IV	Compound was reported below the RL	24042
RD-45C	8/13/2010	Primary Sample	8015B	Diesel Range Organics (C8-C30)	0.14	mg/L	JB	U	IV	Presumed contamination from preparation (method) blank	24042
RD-45C	8/13/2010	Primary Sample	8015B	Gasoline Range Organics (C12-C14)	0.033	mg/L	U	UJ	IV	limits	24042
RD-45C	8/13/2010	Primary Sample	8015B	Kerosene Range (C15-C20)	0.054	mg/L	J	J	IV	Compound was reported below the RL	24042
RD-45C	8/13/2010	Primary Sample	8270C	bis(2-Ethylhexyl) phthalate	9.9	µg/L	JB	U	IV	Presumed contamination from preparation (method) blank	24042
RD-45C	8/13/2010	Primary Sample	8270C	Diethyl phthalate	0.66	µg/L	J	J	IV	Compound was reported below the RL	24042
RD-45C	8/13/2010	Primary Sample	8315A	Formaldehyde	19	µg/L	JB	U	V	Presumed contamination from preparation (method) blank	24042
RD-46A	8/16/2010	Primary Sample	300.0	Fluoride	0.34	mg/L	J	J	V	Compound was reported below the RL	24042
RD-46A	8/16/2010	Primary Sample	8260B	trans-1,2-Dichloroethene	51	µg/L	J	J	V	Compound was reported below the RL	24042
RD-46A	8/16/2010	Primary Sample	8260B	Trichloroethene	25000	µg/L		J	V	Surrogate recovery was outside QC limits	24042
RD-46A	8/16/2010	Primary Sample	8260B SIM	1,4-Dioxane	1.5	µg/L	J	J	V	Compound was reported below the RL	24042
RD-46A	8/16/2010	Primary Sample	8315A	Formaldehyde	50	µg/L	JB	U	V	Presumed contamination from preparation (method) blank	24042
RD-46A	8/16/2010	Primary Sample	DV-WC-0077	Monomethylhydrazine	10	µg/L	JB	U	V	Presumed contamination from preparation (method) blank	24042
RD-46B	8/11/2010	Primary Sample	8015B	Gasoline Range Organics (C12-C14)	0.032	mg/L	U	UJ	V	MS/MSD or Duplicate RPD was high	24029
RD-46B	8/11/2010	Primary Sample	8015B	Gasoline Range Organics (C8-C11)	0.077	mg/L	U	UJ	V	MS/MSD or Duplicate RPD was high	24029
RD-46B	8/11/2010	Primary Sample	8260B	Trichloroethene	2.4	µg/L		J	V	Surrogate recovery was outside QC limits	24029
RD-46B	8/11/2010	Primary Sample	8260B SIM	1,4-Dioxane	3	µg/L	J	U	V	Presumed contamination from trip blank	24029
RD-46B	8/11/2010	Primary Sample	8270C	bis(2-Ethylhexyl) phthalate	0.6	µg/L	JB	U	V	Presumed contamination from preparation (method) blank	24029
RD-46B	8/11/2010	Primary Sample	300.0	Fluoride	0.15	mg/L	J	J	V	Compound was reported below the RL	24029
RD-46B	8/11/2010	Primary Sample	8315A	Formaldehyde	50	µg/L	JB	U	V	Presumed contamination from preparation (method) blank	24029
RD-46B	8/11/2010	Primary Sample	9040B	pH	8.53	pH Units	HTV	J	V	Holding time was exceeded	24029
RD-48B	7/29/2010	Primary Sample	300.0	Fluoride	0.29	mg/L	J	J	V	Compound was reported below the RL	23917
RD-48B	7/29/2010	Primary Sample	350.1	Ammonia-N	0.19	mg/L	J	J	V	Compound was reported below the RL	23917
RD-48B	7/29/2010	Primary Sample	8260B	Acetone	10	µg/L	J	U	V	Presumed contamination from trip blank	23917

TABLE A-3
SUMMARY OF DATA QUALIFICATION, THIRD QUARTER 2010
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well Identifier:	Collection Date:	Sample Type:	Analytical Method:	Parameter:	Sample Result:	Units:	Lab Qualifier Code:	Validator Qualifier Code:	Validation Level:	Validation Notes:	Validation Report:
RD-48B	7/29/2010	Primary Sample	8260B SIM	1,4-Dioxane	3	µg/L	JB	U	V	Presumed contamination from preparation (method) and trip blank	23917
RD-48B	7/29/2010	Primary Sample	8315A	Formaldehyde	50	µg/L	JB	U	V	Presumed contamination from preparation (method) blank	23917
RD-48B	7/29/2010	Primary Sample	9040B	pH	7.59	pH Units	HTV	J	V	Holding time was exceeded	23917
RD-48C	7/29/2010	Primary Sample	300.0	Fluoride	0.31	mg/L	J	J	V	Compound was reported below the RL	23917
RD-48C	7/29/2010	Primary Sample	350.1	Ammonia-N	0.19	mg/L	J	J	V	Compound was reported below the RL	23917
RD-48C	7/29/2010	Primary Sample	8260B	Acetone	10	µg/L	J	U	V	Presumed contamination from trip blank	23917
RD-48C	7/29/2010	Primary Sample	8260B	Methylene chloride	5	µg/L	JB	U	V	Presumed contamination from preparation (method) and trip blank	23917
RD-48C	7/29/2010	Primary Sample	8260B SIM	1,4-Dioxane	3	µg/L	JB	U	V	Presumed contamination from preparation (method) and trip blank	23917
RD-48C	7/29/2010	Primary Sample	8270C	bis(2-Ethylhexyl) phthalate	1.5	µg/L	J	J	V	Compound was reported below the RL	23917
RD-48C	7/29/2010	Primary Sample	8315A	Formaldehyde	50	µg/L	JB	U	V	Presumed contamination from preparation (method) blank	23917
RD-48C	7/29/2010	Primary Sample	9040B	pH	7.34	pH Units	HTV	J	V	Holding time was exceeded	23917
RD-49A	8/16/2010	Primary Sample	8260B	1,1-Dichloroethene	5.7	µg/L	J	J	V	Surrogate recovery was outside QC limits; compound was reported below the RL	24042
RD-49A	8/16/2010	Primary Sample	8260B	trans-1,2-Dichloroethene	45	µg/L		J	V	Surrogate recovery was outside QC limits	24042
RD-49A	8/16/2010	Primary Sample	8260B	Trichloroethene	19	µg/L		J	V	Surrogate recovery was outside QC limits	24042
RD-49A	8/16/2010	Primary Sample	300.0	Fluoride	0.28	mg/L	J	J	V	Compound was reported below the RL	24042
RD-49A	8/16/2010	Primary Sample	8315A	Formaldehyde	57	µg/L	B	U	V	Presumed contamination from preparation (method) blank	24042
RD-49A	8/16/2010	Primary Sample	9040B	pH	6.99	pH Units	HTV	J	V	Holding time was exceeded	24042
RD-49B	8/6/2010	Primary Sample	300.0	Fluoride	0.2	mg/L	J	J	V	Compound was reported below the RL	24029
RD-49B	8/6/2010	Primary Sample	6010B	Potassium	4.3	mg/L	J	J	V	Compound was reported below the RL	24029
RD-49B	8/6/2010	Primary Sample	6010B	Potassium, Dissolved	4.5	mg/L	J	J	V	Compound was reported below the RL	24029
RD-49B	8/6/2010	Primary Sample	8260B	1,1-Dichloroethene	0.97	µg/L	J	J	V	Compound was reported below the RL	24029
RD-49B	8/6/2010	Primary Sample	8260B SIM	1,4-Dioxane	3.9	µg/L	B	U	V	Presumed contamination from preparation (method) and trip blank	24029
RD-49B	8/6/2010	Primary Sample	8315A	Formaldehyde	50	µg/L	JB	U	V	Presumed contamination from preparation (method) blank	24029
RD-49B	8/6/2010	Primary Sample	9040B	pH	7.16	pH Units	HTV	J	V	Holding time was exceeded	24029
RD-49C	8/6/2010	Primary Sample	300.0	Fluoride	0.24	mg/L	J	J	V	Compound was reported below the RL	24029
RD-49C	8/6/2010	Primary Sample	6020	Antimony	0.00019	mg/L	J	J	V	Compound was reported below the RL	24029
RD-49C	8/6/2010	Primary Sample	6020	Antimony, Dissolved	0.00013	mg/L	J	J	V	Compound was reported below the RL	24029
RD-49C	8/6/2010	Primary Sample	6020	Arsenic	0.00094	mg/L	J	J	V	Compound was reported below the RL	24029
RD-49C	8/6/2010	Primary Sample	6020	Arsenic, Dissolved	0.00075	mg/L	J	J	V	Compound was reported below the RL	24029
RD-49C	8/6/2010	Primary Sample	6020	Chromium	0.001	mg/L	J	J	V	Compound was reported below the RL	24029
RD-49C	8/6/2010	Primary Sample	6020	Cobalt	0.00034	mg/L	JB	J	V	Compound was reported below the RL	24029
RD-49C	8/6/2010	Primary Sample	6020	Cobalt, Dissolved	0.00027	mg/L	J	J	V	Compound was reported below the RL	24029
RD-49C	8/6/2010	Primary Sample	6020	Lead	0.0017	mg/L	J	J	V	Compound was reported below the RL	24029
RD-49C	8/6/2010	Primary Sample	6020	Lead, Dissolved	0.00054	mg/L	J	J	V	Compound was reported below the RL	24029
RD-49C	8/6/2010	Primary Sample	6020	Nickel	0.0015	mg/L	J	J	V	Compound was reported below the RL	24029
RD-49C	8/6/2010	Primary Sample	6020	Nickel, Dissolved	0.0013	mg/L	J	J	V	Compound was reported below the RL	24029
RD-49C	8/6/2010	Primary Sample	6020	Silver	0.000023	mg/L	JB	UJ	V	Presumed contamination from preparation (method) blank; compound was reported below the RL	24029
RD-49C	8/6/2010	Primary Sample	6020	Thallium	0.000032	mg/L	J	J	V	Compound was reported below the RL	24029
RD-49C	8/6/2010	Primary Sample	6020	Tin	0.00027	mg/L	J	J	V	Compound was reported below the RL	24029
RD-49C	8/6/2010	Primary Sample	6020	Vanadium	0.00025	mg/L	J	J	V	Compound was reported below the RL	24029
RD-49C	8/6/2010	Primary Sample	8290	Octachlorodibenzo-p-dioxin	4.2	pg/L	JQC	J	IV	EMPC	23977

TABLE A-3
SUMMARY OF DATA QUALIFICATION, THIRD QUARTER 2010
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well Identifier:	Collection Date:	Sample Type:	Analytical Method:	Parameter:	Sample Result:	Units:	Lab Qualifier Code:	Validator Qualifier Code:	Validation Level:	Validation Notes:	Validation Report:
RD-49C	8/6/2010	Primary Sample	9012	Cyanides	0.0034	mg/L	JB	U	V	Presumed contamination from preparation (method) blank	24029
RD-49C	8/6/2010	Primary Sample	7470A	Mercury, Dissolved	0.00004	mg/L	JB	UJ	V	Presumed contamination from preparation (method) blank; compound was reported below the RL	24029
RD-49C	8/6/2010	Primary Sample	8260B SIM	1,4-Dioxane	3	µg/L	JB	U	V	Presumed contamination from preparation (method) blank	24029
RD-49C	8/6/2010	Primary Sample	8270C	1,4-Naphthoquinone	13	µg/L	U	UJ	IV	noncompliant	24029
RD-49C	8/6/2010	Primary Sample	8270C	4-Nitroquinoline-1-oxide	20	µg/L	U	UJ	IV	noncompliant	24029
RD-49C	8/6/2010	Primary Sample	8270C	Acetophenone	0.54	µg/L	J	J	IV	Compound was reported below the RL	24029
RD-49C	8/6/2010	Primary Sample	8270C	Hexachlorocyclopentadiene	1.5	µg/L	U	R	IV	limits	24029
RD-49C	8/6/2010	Primary Sample	8270C	Hexachloropropene	2	µg/L	U	UJ	IV	noncompliant	24029
RD-49C	8/6/2010	Primary Sample	8270C	Isosafrole	0.34	µg/L	U	UJ	IV	noncompliant	24029
RD-49C	8/6/2010	Primary Sample	8270C	Methapyrilene	20	µg/L	U	UJ	IV	noncompliant	24029
RD-49C	8/6/2010	Primary Sample	8270C	n-Nitrosodi-n-butylamine	1.2	µg/L	U	UJ	IV	noncompliant	24029
RD-49C	8/6/2010	Primary Sample	8270C	Pentachloronitrobenzene	2	µg/L	U	UJ	IV	noncompliant	24029
RD-49C	8/6/2010	Primary Sample	8270C	Pentachlorophenol	0.8	µg/L	UHTV	UJ	IV	Holding time was exceeded	24029
RD-49C	8/6/2010	Primary Sample	8270C	Pronamide	2	µg/L	U	UJ	IV	noncompliant	24029
RD-49C	8/6/2010	Primary Sample	8315A	Formaldehyde	50	µg/L	JB	U	V	Presumed contamination from preparation (method) blank	24029
RD-49C	8/6/2010	Primary Sample	8321A	Hexachlorophene	30	µg/L	JB	U	V	Presumed contamination from preparation (method) blank	24029
RD-49C	8/6/2010	Field Duplicate	300.0	Fluoride	0.23	mg/L	J	J	V	Compound was reported below the RL	24029
RD-49C	8/6/2010	Field Duplicate	6020	Antimony	0.0003	mg/L	J	J	V	Compound was reported below the RL	24029
RD-49C	8/6/2010	Field Duplicate	6020	Antimony, Dissolved	0.00011	mg/L	J	J	V	Compound was reported below the RL	24029
RD-49C	8/6/2010	Field Duplicate	6020	Arsenic	0.00088	mg/L	J	J	V	Compound was reported below the RL	24029
RD-49C	8/6/2010	Field Duplicate	6020	Arsenic, Dissolved	0.00076	mg/L	J	J	V	Compound was reported below the RL	24029
RD-49C	8/6/2010	Field Duplicate	6020	Chromium	0.0011	mg/L	J	J	V	Compound was reported below the RL	24029
RD-49C	8/6/2010	Field Duplicate	6020	Cobalt	0.00036	mg/L	JB	J	V	Compound was reported below the RL	24029
RD-49C	8/6/2010	Field Duplicate	6020	Cobalt, Dissolved	0.00029	mg/L	J	J	V	Compound was reported below the RL	24029
RD-49C	8/6/2010	Field Duplicate	6020	Lead, Dissolved	0.00097	mg/L	J	J	V	Compound was reported below the RL	24029
RD-49C	8/6/2010	Field Duplicate	6020	Nickel	0.0015	mg/L	J	J	V	Compound was reported below the RL	24029
RD-49C	8/6/2010	Field Duplicate	6020	Nickel, Dissolved	0.0014	mg/L	J	J	V	Compound was reported below the RL	24029
RD-49C	8/6/2010	Field Duplicate	6020	Silver	0.00004	mg/L	JB	UJ	V	Presumed contamination from preparation (method) blank; compound was reported below the RL	24029
RD-49C	8/6/2010	Field Duplicate	6020	Thallium	0.000027	mg/L	J	J	V	Compound was reported below the RL	24029
RD-49C	8/6/2010	Field Duplicate	6020	Tin	0.00037	mg/L	J	J	V	Compound was reported below the RL	24029
RD-49C	8/6/2010	Field Duplicate	6020	Vanadium	0.00021	mg/L	J	J	V	Compound was reported below the RL	24029
RD-49C	8/6/2010	Field Duplicate	8290	Octachlorodibenzo-p-dioxin	4	pg/L	JQC	J	IV	EMPC	23977
RD-49C	8/6/2010	Field Duplicate	9012	Cyanides	0.0027	mg/L	JB	U	V	Presumed contamination from preparation (method) blank	24029
RD-49C	8/6/2010	Field Duplicate	7470A	Mercury, Dissolved	0.00003	mg/L	JB	UJ	V	Presumed contamination from preparation (method) blank; compound was reported below the RL	24029
RD-49C	8/6/2010	Field Duplicate	8015B	Diesel Range Organics (C21-C30)	0.034	mg/L	J	J	V	Compound was reported below the RL	24029
RD-49C	8/6/2010	Field Duplicate	8260B SIM	1,4-Dioxane	3	µg/L	JB	U	V	Presumed contamination from preparation (method) blank	24029
RD-49C	8/6/2010	Field Duplicate	8270C	1,4-Naphthoquinone	13	µg/L	U	UJ	IV	noncompliant	24029
RD-49C	8/6/2010	Field Duplicate	8270C	4-Nitroquinoline-1-oxide	19	µg/L	U	UJ	IV	noncompliant	24029
RD-49C	8/6/2010	Field Duplicate	8270C	Acetophenone	0.32	µg/L	J	J	IV	Compound was reported below the RL	24029
RD-49C	8/6/2010	Field Duplicate	8270C	Hexachlorocyclopentadiene	1.5	µg/L	U	R	IV	limits	24029
RD-49C	8/6/2010	Field Duplicate	8270C	Hexachloropropene	1.9	µg/L	U	UJ	IV	noncompliant	24029
RD-49C	8/6/2010	Field Duplicate	8270C	Isosafrole	0.34	µg/L	U	UJ	IV	noncompliant	24029
RD-49C	8/6/2010	Field Duplicate	8270C	Methapyrilene	19	µg/L	U	UJ	IV	noncompliant	24029
RD-49C	8/6/2010	Field Duplicate	8270C	n-Nitrosodi-n-butylamine	1.2	µg/L	U	UJ	IV	noncompliant	24029

TABLE A-3
SUMMARY OF DATA QUALIFICATION, THIRD QUARTER 2010
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well Identifier:	Collection Date:	Sample Type:	Analytical Method:	Parameter:	Sample Result:	Units:	Lab Qualifier Code:	Validator Qualifier Code:	Validation Level:	Validation Notes:	Validation Report:
RD-49C	8/6/2010	Field Duplicate	8270C	Pentachloronitrobenzene	1.9	µg/L	U	UJ	IV	noncompliant	24029
RD-49C	8/6/2010	Field Duplicate	8270C	Pentachlorophenol	0.79	µg/L	UHTV	UJ	IV	Holding time was exceeded	24029
RD-49C	8/6/2010	Field Duplicate	8270C	Pronamide	1.9	µg/L	U	UJ	IV	noncompliant	24029
RD-49C	8/6/2010	Field Duplicate	8315A	Formaldehyde	50	µg/L	JB	U	V	Presumed contamination from preparation (method) blank	24029
RD-49C	8/6/2010	Field Duplicate	8321A	Hexachlorophene	30	µg/L	JB	U	V	Presumed contamination from preparation (method) blank	24029
RD-50	8/18/2010	Primary Sample	8260B	Methylene chloride	5	µg/L	J	U	IV	Presumed contamination from trip blank	24081
RD-51A	8/2/2010	Primary Sample	300.0	Fluoride	0.37	mg/L	J	J	V	Compound was reported below the RL	24000
RD-51A	8/2/2010	Primary Sample	350.1	Ammonia-N	0.064	mg/L	J	J	V	Compound was reported below the RL	24000
RD-51A	8/2/2010	Primary Sample	8260B	Acetone	10	µg/L	JB	U	V	Presumed contamination from preparation (method) and trip blank	24000
RD-51A	8/2/2010	Primary Sample	8260B	trans-1,2-Dichloroethene	0.36	µg/L	J	J	V	Compound was reported below the RL	24000
RD-51A	8/2/2010	Primary Sample	8260B	Vinyl chloride	0.5	µg/L	J	J	V	Compound was reported below the RL	24000
RD-51A	8/2/2010	Primary Sample	8260B SIM	1,4-Dioxane	3	µg/L	J	U	V	Presumed contamination from trip blank	24000
RD-51A	8/2/2010	Primary Sample	8315A	Formaldehyde	50	µg/L	JB	U	V	Presumed contamination from preparation (method) blank	24000
RD-51B	7/27/2010	Primary Sample	300.0	Fluoride	0.31	mg/L	J	J	V	Compound was reported below the RL	23917
RD-51B	7/27/2010	Primary Sample	8260B	Methylene chloride	5	µg/L	J	U	V	Presumed contamination from trip blank	23917
RD-51B	7/27/2010	Primary Sample	8260B	trans-1,2-Dichloroethene	0.47	µg/L	J	J	V	Compound was reported below the RL	23917
RD-51B	7/27/2010	Primary Sample	8260B SIM	1,4-Dioxane	3	µg/L	J	U	V	Presumed contamination from trip blank	23917
RD-51B	7/27/2010	Primary Sample	8315A	Formaldehyde	50	µg/L	JB	U	V	Presumed contamination from preparation (method) blank	23917
RD-51B	7/27/2010	Primary Sample	9040B	pH	7.35	pH Units	HTV	J	V	Holding time was exceeded	23917
RD-51C	7/27/2010	Primary Sample	300.0	Fluoride	0.2	mg/L	J	J	V	Compound was reported below the RL	23917
RD-51C	7/27/2010	Primary Sample	350.1	Ammonia-N	0.14	mg/L	J	J	V	Compound was reported below the RL	23917
RD-51C	7/27/2010	Primary Sample	8260B	Methylene chloride	5	µg/L	J	U	V	Presumed contamination from trip blank	23917
RD-51C	7/27/2010	Primary Sample	8260B SIM	1,4-Dioxane	3	µg/L	JB	U	V	Presumed contamination from preparation (method) and trip blank	23917
RD-51C	7/27/2010	Primary Sample	8315A	Formaldehyde	50	µg/L	JB	U	V	Presumed contamination from preparation (method) blank	23917
RD-52A	8/17/2010	Primary Sample	300.0	Fluoride	0.42	mg/L	J	J	V	Compound was reported below the RL	24042
RD-52A	8/17/2010	Primary Sample	350.1	Ammonia-N	0.47	mg/L	J	J	IV	Compound was reported below the RL	24042
RD-52A	8/17/2010	Primary Sample	8260B	1,1-Dichloroethane	3.8	µg/L	J	J	V	Surrogate recovery was outside QC limits; compound was reported below the RL	24042
RD-52A	8/17/2010	Primary Sample	8260B	1,1-Dichloroethene	10	µg/L		J	V	Surrogate recovery was outside QC limits	24042
RD-52A	8/17/2010	Primary Sample	8260B	cis-1,2-Dichloroethene	520	µg/L		J	V	Surrogate recovery was outside QC limits	24042
RD-52A	8/17/2010	Primary Sample	8260B	Methylene chloride	20	µg/L	JB	UJ	V	presumed contamination from preparation	24042
RD-52A	8/17/2010	Primary Sample	8260B	trans-1,2-Dichloroethene	120	µg/L		J	V	Surrogate recovery was outside QC limits	24042
RD-52A	8/17/2010	Primary Sample	8260B	Trichloroethene	1300	µg/L		J	V	Surrogate recovery was outside QC limits	24042
RD-52A	8/17/2010	Primary Sample	8260B	Vinyl chloride	59	µg/L		J	V	Surrogate recovery was outside QC limits	24042
RD-52A	8/17/2010	Primary Sample	8315A	Formaldehyde	50	µg/L	JB	U	V	Presumed contamination from preparation (method) blank	24042
RD-52B	8/17/2010	Primary Sample	300.0	Fluoride	0.2	mg/L	J	J	V	Compound was reported below the RL	24042

TABLE A-3
SUMMARY OF DATA QUALIFICATION, THIRD QUARTER 2010
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well Identifier:	Collection Date:	Sample Type:	Analytical Method:	Parameter:	Sample Result:	Units:	Lab Qualifier Code:	Validator Qualifier Code:	Validation Level:	Validation Notes:	Validation Report:
RD-52B	8/17/2010	Primary Sample	8260B	cis-1,2-Dichloroethene	28	µg/L		J	V	Surrogate recovery was outside QC limits	24042
RD-52B	8/17/2010	Primary Sample	8260B	trans-1,2-Dichloroethene	12	µg/L		J	V	Surrogate recovery was outside QC limits	24042
RD-52B	8/17/2010	Primary Sample	8260B	Trichloroethene	1.6	µg/L		J	V	Surrogate recovery was outside QC limits	24042
RD-52B	8/17/2010	Primary Sample	8260B	Vinyl chloride	0.94	µg/L	J	J	V	Surrogate recovery was outside QC limits; compound was reported below the RL	24042
RD-52B	8/17/2010	Primary Sample	8260B SIM	1,4-Dioxane	0.83	µg/L	J	J	V	Compound was reported below the RL	24042
RD-52B	8/17/2010	Primary Sample	8315A	Formaldehyde	50	µg/L	JB	U	V	Presumed contamination from preparation (method) blank	24042
RD-52B	8/17/2010	Primary Sample	DV-WC-0077	Hydrazine	2.5	µg/L	J	J	IV	Compound was reported below the RL	24042
RD-52B	8/17/2010	Primary Sample	DV-WC-0077	Monomethylhydrazine	10	µg/L	J	U	IV	Presumed contamination from preparation (method) blank	24042
RD-52C	8/17/2010	Primary Sample	8260B	Methylene chloride	5	µg/L	JB	U	V	Presumed contamination from preparation (method) and trip blank	24042
RD-52C	8/17/2010	Primary Sample	8260B SIM	1,4-Dioxane	0.91	µg/L	J	J	IV	Compound was reported below the RL	24042
RD-52C	8/17/2010	Primary Sample	8270C	bis(2-Ethylhexyl) phthalate	0.73	µg/L	J	J	V	Compound was reported below the RL	24042
RD-52C	8/17/2010	Primary Sample	300.0	Fluoride	0.17	mg/L	J	J	V	Compound was reported below the RL	24042
RD-52C	8/17/2010	Primary Sample	8315A	Formaldehyde	50	µg/L	JB	U	V	Presumed contamination from preparation (method) blank	24042
RD-55A	8/10/2010	Primary Sample	8260B SIM	1,4-Dioxane	3	µg/L	J	U	V	Presumed contamination from trip blank	24029
RD-55A	8/10/2010	Primary Sample	8315A	Formaldehyde	50	µg/L	JB	U	V	Presumed contamination from preparation (method) blank	24029
RD-55A	8/10/2010	Primary Sample	300.0	Fluoride	0.39	mg/L	J	J	V	Compound was reported below the RL	24029
RD-55A	8/10/2010	Field Duplicate	8260B SIM	1,4-Dioxane	3	µg/L	J	U	V	Presumed contamination from trip blank	24029
RD-55A	8/10/2010	Field Duplicate	8315A	Formaldehyde	50	µg/L	JB	U	V	Presumed contamination from preparation (method) blank	24029
RD-55A	8/10/2010	Field Duplicate	300.0	Fluoride	0.37	mg/L	J	J	V	Compound was reported below the RL	24029
RD-55B	7/30/2010	Primary Sample	8260B	Acetone	5.2	µg/L	J	J	V	Compound was reported below the RL	23917
RD-55B	7/30/2010	Primary Sample	8260B	Methylene chloride	5	µg/L	JB	U	V	Presumed contamination from preparation (method) and trip blank	23917
RD-55B	7/30/2010	Primary Sample	8260B	Toluene	1	µg/L	J	U	V	Presumed contamination from trip blank	23917
RD-55B	7/30/2010	Primary Sample	8260B SIM	1,4-Dioxane	3	µg/L	J	U	V	Presumed contamination from trip blank	23917
RD-55B	7/30/2010	Primary Sample	8315A	Formaldehyde	50	µg/L	JB	U	V	Presumed contamination from preparation (method) blank	23917
RD-57	8/18/2010	Primary Sample	8260B	Methylene chloride	5	µg/L	J	U	V	Presumed contamination from trip blank	24081
RD-58A	8/17/2010	Primary Sample	8260B	1,1,2-Trichloro-1,2,2-trifluoroethane	2.7	µg/L	J	J	V	Compound was reported below the RL	24042
RD-58A	8/17/2010	Primary Sample	8260B	Methylene chloride	5	µg/L	JB	U	V	Presumed contamination from preparation (method) and trip blank	24042
RD-58A	8/17/2010	Primary Sample	300.0	Fluoride	0.41	mg/L	J	J	V	Compound was reported below the RL	24042
RD-58A	8/17/2010	Primary Sample	300.0	Nitrate-NO3	0.4	mg/L	J	J	V	Compound was reported below the RL	24042
RD-58A	8/17/2010	Primary Sample	8315A	Formaldehyde	50	µg/L	JB	U	V	Presumed contamination from preparation (method) blank	24042
RD-58B	8/6/2010	Primary Sample	300.0	Fluoride	0.34	mg/L	J	J	V	Compound was reported below the RL	24029
RD-58B	8/6/2010	Primary Sample	8260B SIM	1,4-Dioxane	3	µg/L	JB	U	V	Presumed contamination from preparation (method) and trip blank	24029
RD-58B	8/6/2010	Primary Sample	8315A	Formaldehyde	50	µg/L	JB	U	V	Presumed contamination from preparation (method) blank	24029
RD-58B	8/6/2010	Primary Sample	9040B	pH	7.61	pH Units	HTV	J	V	Holding time was exceeded	24029

TABLE A-3
SUMMARY OF DATA QUALIFICATION, THIRD QUARTER 2010
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well Identifier:	Collection Date:	Sample Type:	Analytical Method:	Parameter:	Sample Result:	Units:	Lab Qualifier Code:	Validator Qualifier Code:	Validation Level:	Validation Notes:	Validation Report:
RD-58C	8/6/2010	Primary Sample	300.0	Fluoride	0.27	mg/L	J	J	V	Compound was reported below the RL	24029
RD-58C	8/6/2010	Primary Sample	8260B	cis-1,2-Dichloroethene	0.5	µg/L	J	J	V	Compound was reported below the RL	24029
RD-58C	8/6/2010	Primary Sample	8260B	Vinyl chloride	0.96	µg/L	J	J	V	Compound was reported below the RL	24029
RD-58C	8/6/2010	Primary Sample	8260B SIM	1,4-Dioxane	1.7	µg/L	J	J	V	Compound was reported below the RL	24029
RD-58C	8/6/2010	Primary Sample	8315A	Formaldehyde	50	µg/L	JB	U	V	Presumed contamination from preparation (method) blank	24029
RD-58C	8/6/2010	Primary Sample	9040B	pH	7.86	pH Units	HTV	J	V	Holding time was exceeded	24029
RD-59A	8/11/2010	Primary Sample	8260B	Methylene chloride	5	µg/L	JB	U	V	Presumed contamination from preparation (method) blank	24029
RD-59A	8/11/2010	Field Duplicate	8260B	Methylene chloride	5	µg/L	JB	U	V	Presumed contamination from preparation (method) blank	24029
RD-59B	8/11/2010	Primary Sample	8260B	Methyl ethyl ketone	2	µg/L	U	UJ	IV	noncompliant	24029
RD-59C	8/11/2010	Primary Sample	8260B	Methylene chloride	5	µg/L	JB	U	V	Presumed contamination from preparation (method) blank	24029
RD-61	7/29/2010	Primary Sample	8260B SIM	1,4-Dioxane	3	µg/L	J	U	V	Presumed contamination from trip blank	23917
RD-62	7/29/2010	Primary Sample	8260B SIM	1,4-Dioxane	3	µg/L	J	U	V	Presumed contamination from trip blank	23917
RD-63	9/2/2010	Primary Sample	8260B	1,1,1-Trichloroethane	0.16	µg/L	U	UJ	V	Surrogate recovery was outside QC limits	24081
RD-63	9/2/2010	Primary Sample	8260B	1,1,2-Trichloro-1,2,2-trifluoroethane	0.42	µg/L	U	UJ	V	Surrogate recovery was outside QC limits	24081
RD-63	9/2/2010	Primary Sample	8260B	1,1,2-Trichloroethane	0.27	µg/L	U	UJ	V	Surrogate recovery was outside QC limits	24081
RD-63	9/2/2010	Primary Sample	8260B	1,2-Dichloroethane	0.13	µg/L	U	UJ	V	Surrogate recovery was outside QC limits	24081
RD-63	9/2/2010	Primary Sample	8260B	Acetone	1.9	µg/L	U	UJ	V	Surrogate recovery was outside QC limits	24081
RD-63	9/2/2010	Primary Sample	8260B	Benzene	0.16	µg/L	U	UJ	V	Surrogate recovery was outside QC limits	24081
RD-63	9/2/2010	Primary Sample	8260B	Carbon Tetrachloride	0.19	µg/L	U	UJ	V	Surrogate recovery was outside QC limits	24081
RD-63	9/2/2010	Primary Sample	8260B	Chloroform	0.16	µg/L	U	UJ	V	Surrogate recovery was outside QC limits	24081
RD-63	9/2/2010	Primary Sample	8260B	cis-1,2-Dichloroethene	3.8	µg/L		J	V	Surrogate recovery was outside QC limits	24081
RD-63	9/2/2010	Primary Sample	8260B	Ethylbenzene	0.16	µg/L	U	UJ	V	Surrogate recovery was outside QC limits	24081
RD-63	9/2/2010	Primary Sample	8260B	Methyl ethyl ketone	2	µg/L	U	UJ	V	Surrogate recovery was outside QC limits	24081
RD-63	9/2/2010	Primary Sample	8260B	Methylene chloride	0.32	µg/L	U	UJ	V	Surrogate recovery was outside QC limits	24081
RD-63	9/2/2010	Primary Sample	8260B	m-Xylene & p-Xylene	0.34	µg/L	U	UJ	V	Surrogate recovery was outside QC limits	24081
RD-63	9/2/2010	Primary Sample	8260B	o-Xylene	0.19	µg/L	U	UJ	V	Surrogate recovery was outside QC limits	24081
RD-63	9/2/2010	Primary Sample	8260B	Tetrachloroethene	0.2	µg/L	U	UJ	V	Surrogate recovery was outside QC limits	24081
RD-63	9/2/2010	Primary Sample	8260B	Toluene	0.17	µg/L	U	UJ	V	Surrogate recovery was outside QC limits	24081
RD-63	9/2/2010	Primary Sample	8260B	trans-1,2-Dichloroethene	0.15	µg/L	U	UJ	V	Surrogate recovery was outside QC limits	24081
RD-63	9/2/2010	Primary Sample	8260B	Trichloroethene	7.4	µg/L		J	V	Surrogate recovery was outside QC limits	24081
RD-63	9/2/2010	Primary Sample	8260B	Trichlorofluoromethane	0.29	µg/L	U	UJ	V	Surrogate recovery was outside QC limits	24081

TABLE A-3
SUMMARY OF DATA QUALIFICATION, THIRD QUARTER 2010
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well Identifier:	Collection Date:	Sample Type:	Analytical Method:	Parameter:	Sample Result:	Units:	Lab Qualifier Code:	Validator Qualifier Code:	Validation Level:	Validation Notes:	Validation Report:
RD-63	9/2/2010	Primary Sample	8260B	Vinyl chloride	0.4	µg/L	U	UJ	V	Surrogate recovery was outside QC limits	24081
RD-63	9/2/2010	Primary Sample	8260B SIM	1,4-Dioxane	3	µg/L	JB	U	V	Presumed contamination from preparation (method) and trip blank	24081
RD-66	8/4/2010	Primary Sample	8260B SIM	1,4-Dioxane	3	µg/L	JB	UJ	V	MS/MSD recovery was poor; presumed contamination from preparation (method) blank and trip blank	24029
RD-67	7/29/2010	Primary Sample	8260B SIM	1,4-Dioxane	3	µg/L	J	U	V	Presumed contamination from trip blank	23917
RD-68A	8/11/2010	Primary Sample	300.0	Fluoride	0.21	mg/L	J	J	V	Compound was reported below the RL	24029
RD-68A	8/11/2010	Primary Sample	8015B	Gasoline Range Organics (C12-C14)	0.03	mg/L	U	UJ	V	MS/MSD or Duplicate RPD was high	24029
RD-68A	8/11/2010	Primary Sample	8015B	Gasoline Range Organics (C8-C11)	0.073	mg/L	U	UJ	V	MS/MSD or Duplicate RPD was high	24029
RD-68A	8/11/2010	Primary Sample	8260B SIM	1,4-Dioxane	1.3	µg/L	J	J	IV	Calibration RRF was < 0.05; compound was reported below the RL	24029
RD-68A	8/11/2010	Primary Sample	8315A	Formaldehyde	50	µg/L	JB	U	V	Presumed contamination from preparation (method) blank	24029
RD-68B	8/11/2010	Primary Sample	8015B	Gasoline Range Organics (C12-C14)	0.032	mg/L	U	UJ	V	MS/MSD or Duplicate RPD was high	24029
RD-68B	8/11/2010	Primary Sample	8015B	Gasoline Range Organics (C8-C11)	0.077	mg/L	U	UJ	V	MS/MSD or Duplicate RPD was high	24029
RD-68B	8/11/2010	Primary Sample	8260B	Methylene chloride	5	µg/L	JB	U	V	Presumed contamination from preparation (method) blank	24029
RD-68B	8/11/2010	Primary Sample	8260B SIM	1,4-Dioxane	1.2	µg/L	J	J	IV	Calibration RRF was < 0.05; compound was reported below the RL	24029
RD-68B	8/11/2010	Primary Sample	8315A	Formaldehyde	50	µg/L	JB	U	V	Presumed contamination from preparation (method) blank	24029
RD-69	7/27/2010	Primary Sample	8260B	Methylene chloride	5	µg/L	JB	U	V	Presumed contamination from preparation (method) and trip blank	23917
RD-69	7/27/2010	Primary Sample	8260B SIM	1,4-Dioxane	3	µg/L	J	U	V	Presumed contamination from trip blank	23917
RD-71	8/20/2010	Primary Sample	8260B	Acetone	10	µg/L	JB	U	V	Presumed contamination from preparation (method) and trip blank	24042
RD-73	8/16/2010	Primary Sample	8260B	1,1,2-Trichloro-1,2,2-trifluoroethane	33	µg/L	J	J	V	Compound was reported below the RL; surrogate recovery was outside QC limits	24042
RD-73	8/16/2010	Primary Sample	8260B	1,1-Dichloroethane	21	µg/L	J	J	V	Compound was reported below the RL; surrogate recovery was outside QC limits	24042
RD-73	8/16/2010	Primary Sample	8260B	1,1-Dichloroethene	550	µg/L		J	V	Surrogate recovery was outside QC limits	24042
RD-73	8/16/2010	Primary Sample	8260B	Benzene	15	µg/L	J	J	V	Surrogate recovery was outside QC limits; compound was reported below the RL	24042
RD-73	8/16/2010	Primary Sample	8260B	cis-1,2-Dichloroethene	390	µg/L		J	V	Surrogate recovery was outside QC limits	24042
RD-73	8/16/2010	Primary Sample	8260B	Methylene chloride	200	µg/L	JB	UJ	V	Surrogate recovery was outside QC limits; presumed contamination from preparation (method) blank	24042
RD-73	8/16/2010	Primary Sample	8260B	Trichloroethene	8500	µg/L		J	V	Surrogate recovery was outside QC limits	24042
RD-77	8/16/2010	Primary Sample	300.0	Fluoride	0.2	mg/L	J	J	V	Compound was reported below the RL	24042
RD-77	8/16/2010	Primary Sample	6010B	Iron	0.062	mg/L	J	J	V	Compound was reported below the RL	24042
RD-77	8/16/2010	Primary Sample	6010B	Manganese	0.0054	mg/L	JB	J	V	Compound was reported below the RL	24042
RD-77	8/16/2010	Primary Sample	6010B	Manganese, Dissolved	0.0064	mg/L	J	J	V	Compound was reported below the RL	24042
RD-77	8/16/2010	Primary Sample	6010B	Potassium	3.2	mg/L	J	J	V	Compound was reported below the RL	24042
RD-77	8/16/2010	Primary Sample	6010B	Potassium, Dissolved	3.1	mg/L	J	J	V	Compound was reported below the RL	24042

TABLE A-3
SUMMARY OF DATA QUALIFICATION, THIRD QUARTER 2010
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well Identifier:	Collection Date:	Sample Type:	Analytical Method:	Parameter:	Sample Result:	Units:	Lab Qualifier Code:	Validator Qualifier Code:	Validation Level:	Validation Notes:	Validation Report:
RD-77	8/16/2010	Primary Sample	8260B	1,1,2-Trichloro-1,2,2-trifluoroethane	8.7	µg/L	J	J	V	Compound was reported below the RL	24042
RD-77	8/16/2010	Primary Sample	8260B	Methylene chloride	33	µg/L	JB	U	V	Presumed contamination from preparation (method) and trip blank	24042
RD-77	8/16/2010	Primary Sample	8260B	Trichloroethene	3400	µg/L		J	V	Surrogate recovery was outside QC limits	24042
RD-77	8/16/2010	Primary Sample	8260B SIM	1,4-Dioxane	26	µg/L		J	V	MS/MSD recovery was poor	24042
RD-77	8/16/2010	Primary Sample	8270C	bis(2-Ethylhexyl) phthalate	0.76	µg/L	J	J	IV	Compound was reported below the RL	24042
RD-77	8/16/2010	Primary Sample	8315A	Formaldehyde	50	µg/L	JB	U	V	Presumed contamination from preparation (method) blank	24042
RD-78	7/27/2010	Primary Sample	8260B	Methylene chloride	5	µg/L	JB	U	V	Presumed contamination from preparation (method) and trip blank	23917
RD-78	7/27/2010	Primary Sample	8260B SIM	1,4-Dioxane	4.8	µg/L	B	U	V	Presumed contamination from preparation (method) and trip blank	23917
RD-82	7/26/2010	Primary Sample	8260B	Methylene chloride	5	µg/L	JB	U	V	Presumed contamination from preparation (method) and trip blank	23977
RD-82	7/26/2010	Primary Sample	8260B SIM	1,4-Dioxane	3	µg/L	J	U	V	Presumed contamination from trip blank	23977
RD-85	8/26/2010	Primary Sample	8260B SIM	1,4-Dioxane	0.75	µg/L	U	UJ	V	MS/MSD or Duplicate RPD was high	24000
RD-86	8/19/2010	Primary Sample	8260B	Methylene chloride	5	µg/L	J	U	IV	Presumed contamination from trip blank	24081
RD-96	8/19/2010	Primary Sample	8260B	Methylene chloride	5	µg/L	J	U	IV	Presumed contamination from trip blank	24081
RS-30	8/3/2010	Primary Sample	8015B	Gasoline Range Organics (C6-C12)	35	µg/L	JB	J	V	Compound was reported below the RL	24000
RS-30	8/3/2010	Primary Sample	8260B	Methylene chloride	5	µg/L	JB	U	V	Presumed contamination from preparation (method) blank	24000
RS-31	8/3/2010	Primary Sample	8260B	Acetone	10	µg/L	JB	U	V	Presumed contamination from preparation (method) blank	24000
RS-32	8/3/2010	Primary Sample	8015B	Gasoline Range Organics (C6-C12)	100	µg/L	JB	U	V	Presumed contamination from preparation (method) and trip blank	24000
RS-32	8/3/2010	Primary Sample	8260B	cis-1,2-Dichloroethene	0.43	µg/L	J	J	V	Compound was reported below the RL	24000
RS-32	8/3/2010	Primary Sample	8260B	Methylene chloride	5	µg/L	JB	U	V	Presumed contamination from preparation (method) blank	24000
RS-33	8/3/2010	Primary Sample	8260B	1,1,1-Trichloroethane	0.46	µg/L	J	J	V	Compound was reported below the RL	24000
RS-33	8/3/2010	Primary Sample	8260B	1,2-Dichlorobenzene	0.15	µg/L	U	UJ	V	MS/MSD recovery was poor	24000
RS-33	8/3/2010	Primary Sample	8260B	1,4-Dichlorobenzene	0.16	µg/L	U	UJ	V	MS/MSD recovery was poor	24000
RS-33	8/3/2010	Primary Sample	8260B	Chloroform	0.32	µg/L	J	J	V	Compound was reported below the RL	24000
RS-33	8/3/2010	Primary Sample	8260B	Chloromethane	0.79	µg/L	J	J	V	Compound was reported below the RL	24000
RS-33	8/3/2010	Primary Sample	8260B	Methylene chloride	5	µg/L	JB	U	V	Presumed contamination from preparation (method) blank	24000
RS-33	8/3/2010	Primary Sample	8260B	Tetrachloroethene	0.32	µg/L	J	J	V	Compound was reported below the RL	24000
RS-33	8/3/2010	Primary Sample	8260B	Toluene	0.31	µg/L	J	J	V	Compound was reported below the RL	24000
RS-33	8/3/2010	Primary Sample	8260B	trans-1,2-Dichloroethene	0.34	µg/L	J	J	V	Compound was reported below the RL	24000
RS-33	8/3/2010	Primary Sample	8260B	Vinyl chloride	0.81	µg/L	J	J	V	Compound was reported below the RL	24000
RS-33	8/3/2010	Primary Sample	8260B SIM	1,4-Dioxane	3.2	µg/L	B	U	V	Presumed contamination from preparation (method) blank	24000
RS-33	8/3/2010	Primary Sample	8315A	Formaldehyde	50	µg/L	JB	U	V	Presumed contamination from preparation (method) blank	24000
RS-33	8/4/2010	Primary Sample	180.1	Turbidity	0.9	NTU		J	V	Holding time was exceeded	24029
RS-33	8/4/2010	Primary Sample	350.1	Ammonia-N	0.12	mg/L	J	J	V	Compound was reported below the RL	24029
RS-33	8/4/2010	Primary Sample	6020	Antimony	0.00032	mg/L	J	J	V	Compound was reported below the RL	24029
RS-33	8/4/2010	Primary Sample	6020	Antimony, Dissolved	0.00042	mg/L	J	J	V	Compound was reported below the RL	24029
RS-33	8/4/2010	Primary Sample	6020	Arsenic	0.0013	mg/L	J	J	V	Compound was reported below the RL	24029
RS-33	8/4/2010	Primary Sample	6020	Arsenic, Dissolved	0.0015	mg/L	J	J	V	Compound was reported below the RL	24029
RS-33	8/4/2010	Primary Sample	6020	Cadmium	0.000096	mg/L	J	J	V	Compound was reported below the RL	24029
RS-33	8/4/2010	Primary Sample	6020	Cadmium, Dissolved	0.000048	mg/L	J	J	V	Compound was reported below the RL	24029
RS-33	8/4/2010	Primary Sample	6020	Chromium	0.0027	mg/L	J	J	V	Compound was reported below the RL	24029

Well Identifier:	Collection Date:	Sample Type:	Analytical Method:	Parameter:	Sample Result:	Units:	Lab Qualifier Code:	Validator Qualifier Code:	Validation Level:	Validation Notes:	Validation Report:
RS-33	8/4/2010	Primary Sample	6020	Cobalt	0.00053	mg/L	J	J	V	Compound was reported below the RL	24029
RS-33	8/4/2010	Primary Sample	6020	Cobalt, Dissolved	0.00054	mg/L	J	J	V	Compound was reported below the RL	24029
RS-33	8/4/2010	Primary Sample	6020	Copper	0.0013	mg/L	J	J	V	Compound was reported below the RL	24029
RS-33	8/4/2010	Primary Sample	6020	Copper, Dissolved	0.0014	mg/L	J	J	V	Compound was reported below the RL	24029
RS-33	8/4/2010	Primary Sample	6020	Silver	0.000023	mg/L	J	J	V	Compound was reported below the RL	24029
RS-33	8/4/2010	Primary Sample	6020	Silver, Dissolved	0.000031	mg/L	J	J	V	Compound was reported below the RL	24029
RS-33	8/4/2010	Primary Sample	6020	Thallium	0.000031	mg/L	J	J	V	Compound was reported below the RL	24029
RS-33	8/4/2010	Primary Sample	6020	Thallium, Dissolved	0.000025	mg/L	J	J	V	Compound was reported below the RL	24029
RS-33	8/4/2010	Primary Sample	6020	Tin	0.0016	mg/L	J	J	V	Compound was reported below the RL	24029
RS-33	8/4/2010	Primary Sample	6020	Tin, Dissolved	0.0015	mg/L	J	J	V	Compound was reported below the RL	24029
RS-33	8/4/2010	Primary Sample	6020	Vanadium	0.0013	mg/L	J	J	V	Compound was reported below the RL	24029
RS-33	8/4/2010	Primary Sample	6020	Vanadium, Dissolved	0.0011	mg/L	J	J	V	Compound was reported below the RL	24029
RS-33	8/4/2010	Primary Sample	6020	Zinc	0.0059	mg/L	J	J	V	Compound was reported below the RL	24029
RS-33	8/4/2010	Primary Sample	6020	Zinc, Dissolved	0.0046	mg/L	J	J	V	Compound was reported below the RL	24029
RS-33	8/4/2010	Primary Sample	7470A	Mercury, Dissolved	0.000041	mg/L	JB	U	V	Presumed contamination from preparation (method) blank	24029
RS-34	8/18/2010	Primary Sample	6020	Antimony	0.00023	mg/L	JB	U	V	Presumed contamination from preparation (method) blank	24081
RS-34	8/18/2010	Primary Sample	6020	Antimony, Dissolved	0.00023	mg/L	J	J	V	Compound was reported below the RL	24081
RS-34	8/18/2010	Primary Sample	6020	Arsenic	0.0015	mg/L	J	J	V	Compound was reported below the RL	24081
RS-34	8/18/2010	Primary Sample	6020	Arsenic, Dissolved	0.0015	mg/L	J	J	V	Compound was reported below the RL	24081
RS-34	8/18/2010	Primary Sample	6020	Cadmium	0.000084	mg/L	J	J	V	Compound was reported below the RL	24081
RS-34	8/18/2010	Primary Sample	6020	Cadmium, Dissolved	0.000059	mg/L	J	J	V	Compound was reported below the RL	24081
RS-34	8/18/2010	Primary Sample	6020	Cobalt	0.00049	mg/L	J	J	V	Compound was reported below the RL	24081
RS-34	8/18/2010	Primary Sample	6020	Cobalt, Dissolved	0.00044	mg/L	J	J	V	Compound was reported below the RL	24081
RS-34	8/18/2010	Primary Sample	6020	Copper, Dissolved	0.0018	mg/L	J	J	V	Compound was reported below the RL	24081
RS-34	8/18/2010	Primary Sample	6020	Silver	0.000031	mg/L	J	J	V	Compound was reported below the RL	24081
RS-34	8/18/2010	Primary Sample	6020	Silver, Dissolved	0.000019	mg/L	J	J	V	Compound was reported below the RL	24081
RS-34	8/18/2010	Primary Sample	6020	Thallium	0.000039	mg/L	J	J	V	Compound was reported below the RL	24081
RS-34	8/18/2010	Primary Sample	6020	Thallium, Dissolved	0.000037	mg/L	J	J	V	Compound was reported below the RL	24081
RS-34	8/18/2010	Primary Sample	6020	Tin	0.0032	mg/L	JB	J	V	Compound was reported below the RL	24081
RS-34	8/18/2010	Primary Sample	6020	Tin, Dissolved	0.0023	mg/L	J	J	V	Compound was reported below the RL	24081
RS-34	8/18/2010	Primary Sample	6020	Vanadium	0.0018	mg/L	J	J	V	Compound was reported below the RL	24081
RS-34	8/18/2010	Primary Sample	6020	Vanadium, Dissolved	0.0017	mg/L	J	J	V	Compound was reported below the RL	24081
RS-34	8/18/2010	Primary Sample	6020	Zinc, Dissolved	0.0056	mg/L	J	J	V	Compound was reported below the RL	24081
RS-34	8/18/2010	Primary Sample	8290	Octachlorodibenzo-p-dioxin	2.2	pg/L	J B QC	U	V	Presumed contamination from preparation (method) blank	24000
RS-34	8/18/2010	Primary Sample	9012	Cyanides	0.006	mg/L	JB	J	V	Compound was reported below the RL	24081
RS-34	8/18/2010	Primary Sample	6010B	Iron	0.05	mg/L	J	J	V	Compound was reported below the RL	24081
RS-34	8/18/2010	Primary Sample	7470A	Mercury	0.000027	mg/L	U	UJ	V	high; MS/MSD recovery was poor	24081
RS-34	8/18/2010	Primary Sample	8081A	delta-BHC	0.0099	µg/L	J	J	V	Compound was reported below the RL	24081
RS-34	8/18/2010	Primary Sample	8260B	cis-1,2-Dichloroethene	5.4	µg/L		J	V	Surrogate recovery was outside QC limits	24081
RS-34	8/18/2010	Primary Sample	8260B	trans-1,4-Dichloro-2-butene	0.8	µg/L	U	UJ	V	MS/MSD recovery was poor	24081
RS-34	8/18/2010	Primary Sample	8260B	Trichloroethene	6.2	µg/L		J	V	Surrogate recovery was outside QC limits	24081
RS-34	8/18/2010	Primary Sample	8321A	Hexachlorophene	0.49	µg/L	U	UJ	V	MS/MSD recovery was poor	24081
RS-34	8/18/2010	Primary Sample	300.0	Fluoride	0.42	mg/L	J	J	V	Compound was reported below the RL	24081
RS-34	8/18/2010	Primary Sample	8315A	Formaldehyde	50	µg/L	JB	U	V	Presumed contamination from preparation (method) blank	24081
RS-34	8/19/2010	Primary Sample	8151A	Dinoseb	0.23	µg/L	J	J	V	Compound was reported below the RL	24081
RS-34	8/19/2010	Primary Sample	8270C	Hexachlorocyclopentadiene	1.5	µg/L	U	R	V	limits	24081
SH-04	8/9/2010	Primary Sample	300.0	Fluoride	3.4	mg/L		R	V	The analysis with this flag should not be used because another more technically sound analysis is available	24029

TABLE A-3
SUMMARY OF DATA QUALIFICATION, THIRD QUARTER 2010
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well Identifier:	Collection Date:	Sample Type:	Analytical Method:	Parameter:	Sample Result:	Units:	Lab Qualifier Code:	Validator Qualifier Code:	Validation Level:	Validation Notes:	Validation Report:
SH-04	8/9/2010	Primary Sample	300.0	Nitrate-NO3	14	mg/L		R	V	The analysis with this flag should not be used because another more technically sound analysis is available	24029
SH-04	8/9/2010	Primary Sample	314.0	Perchlorate	0.28	µg/L	U	R	V	The analysis with this flag should not be used because another more technically sound analysis is available	24029
SH-04	8/9/2010	Primary Sample	350.1	Ammonia-N	0.11	mg/L	U	R	V	The analysis with this flag should not be used because another more technically sound analysis is available	24029
SH-04	8/9/2010	Primary Sample	1625M	n-Nitrosodimethylamine	0.077	µg/L		R	V	The analysis with this flag should not be used because another more technically sound analysis is available	24029
SH-04	8/9/2010	Primary Sample	8260B	1,1,1-Trichloroethane	0.91	µg/L	J	R	V	The analysis with this flag should not be used because another more technically sound analysis is available	24029
SH-04	8/9/2010	Primary Sample	8260B	1,1,2-Trichloro-1,2,2-trifluoroethane	15	µg/L		R	V	The analysis with this flag should not be used because another more technically sound analysis is available	24029
SH-04	8/9/2010	Primary Sample	8260B	1,1,2-Trichloroethane	0.27	µg/L	U	R	V	The analysis with this flag should not be used because another more technically sound analysis is available	24029
SH-04	8/9/2010	Primary Sample	8260B	1,1-Dichloroethane	6.8	µg/L		R	V	The analysis with this flag should not be used because another more technically sound analysis is available	24029
SH-04	8/9/2010	Primary Sample	8260B	1,1-Dichloroethene	2.3	µg/L		R	V	The analysis with this flag should not be used because another more technically sound analysis is available	24029
SH-04	8/9/2010	Primary Sample	8260B	1,2-Dichloroethane	2.7	µg/L		R	V	The analysis with this flag should not be used because another more technically sound analysis is available	24029
SH-04	8/9/2010	Primary Sample	8260B	Acetone	6.3	µg/L	J	R	V	The analysis with this flag should not be used because another more technically sound analysis is available	24029
SH-04	8/9/2010	Primary Sample	8260B	Benzene	0.16	µg/L	U	R	V	The analysis with this flag should not be used because another more technically sound analysis is available	24029
SH-04	8/9/2010	Primary Sample	8260B	Carbon Tetrachloride	18	µg/L		R	V	The analysis with this flag should not be used because another more technically sound analysis is available	24029
SH-04	8/9/2010	Primary Sample	8260B	Chloroform	20	µg/L		R	V	The analysis with this flag should not be used because another more technically sound analysis is available	24029
SH-04	8/9/2010	Primary Sample	8260B	cis-1,2-Dichloroethene	4.6	µg/L		R	V	The analysis with this flag should not be used because another more technically sound analysis is available	24029
SH-04	8/9/2010	Primary Sample	8260B	Ethylbenzene	0.16	µg/L	U	R	V	The analysis with this flag should not be used because another more technically sound analysis is available	24029
SH-04	8/9/2010	Primary Sample	8260B	Methyl ethyl ketone	2	µg/L	U	R	V	The analysis with this flag should not be used because another more technically sound analysis is available	24029
SH-04	8/9/2010	Primary Sample	8260B	Methylene chloride	0.85	µg/L	J	R	V	The analysis with this flag should not be used because another more technically sound analysis is available	24029

TABLE A-3
SUMMARY OF DATA QUALIFICATION, THIRD QUARTER 2010
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well Identifier:	Collection Date:	Sample Type:	Analytical Method:	Parameter:	Sample Result:	Units:	Lab Qualifier Code:	Validator Qualifier Code:	Validation Level:	Validation Notes:	Validation Report:
SH-04	8/9/2010	Primary Sample	8260B	m-Xylene & p-Xylene	0.34	µg/L	U	R	V	The analysis with this flag should not be used because another more technically sound analysis is available	24029
SH-04	8/9/2010	Primary Sample	8260B	o-Xylene	0.19	µg/L	U	R	V	The analysis with this flag should not be used because another more technically sound analysis is available	24029
SH-04	8/9/2010	Primary Sample	8260B	Tetrachloroethene	5.8	µg/L		R	V	The analysis with this flag should not be used because another more technically sound analysis is available	24029
SH-04	8/9/2010	Primary Sample	8260B	Toluene	0.17	µg/L	U	R	V	The analysis with this flag should not be used because another more technically sound analysis is available	24029
SH-04	8/9/2010	Primary Sample	8260B	trans-1,2-Dichloroethene	0.15	µg/L	U	R	V	The analysis with this flag should not be used because another more technically sound analysis is available	24029
SH-04	8/9/2010	Primary Sample	8260B	Trichloroethene	48	µg/L		R	V	The analysis with this flag should not be used because another more technically sound analysis is available	24029
SH-04	8/9/2010	Primary Sample	8260B	Trichlorofluoromethane	0.29	µg/L	U	R	V	The analysis with this flag should not be used because another more technically sound analysis is available	24029
SH-04	8/9/2010	Primary Sample	8260B	Vinyl chloride	0.4	µg/L	U	R	V	The analysis with this flag should not be used because another more technically sound analysis is available	24029
SH-04	8/9/2010	Primary Sample	8260B SIM	1,4-Dioxane	10	µg/L		R	V	The analysis with this flag should not be used because another more technically sound analysis is available	24029
SH-04	8/9/2010	Primary Sample	8270C	1,3-Dinitrobenzene	1.9	µg/L	U	R	V	The analysis with this flag should not be used because another more technically sound analysis is available	24029
SH-04	8/9/2010	Primary Sample	8270C	Anthracene	0.4	µg/L	U	R	V	The analysis with this flag should not be used because another more technically sound analysis is available	24029
SH-04	8/9/2010	Primary Sample	8270C	Nitrobenzene	0.77	µg/L	U	R	V	The analysis with this flag should not be used because another more technically sound analysis is available	24029
SH-04	8/9/2010	Primary Sample	8315A	Formaldehyde	21	µg/L	JB	R	V	The analysis with this flag should not be used because another more technically sound analysis is available	24029
SH-04	8/9/2010	Primary Sample	9040B	pH	6.55	pH Units	HTV	R	V	The analysis with this flag should not be used because another more technically sound analysis is available	24029
SH-04	8/9/2010	Field Duplicate	1625M	n-Nitrosodimethylamine	0.091	µg/L		R	V	The analysis with this flag should not be used because another more technically sound analysis is available	24029
SH-04	9/3/2010	Primary Sample	350.1	Ammonia-N	0.084	mg/L	J	J	V	Compound was reported below the RL	24031
SH-04	9/3/2010	Primary Sample	8315A	Formaldehyde	50	µg/L	JB	U	V	Presumed contamination from preparation (method) and field blank or equipment rinse blank	24031
S-17	9/15/2010	Primary Sample	8260B	Ethylbenzene	0.26	µg/L	J	J	IV	Compound was reported below the RL	280-7533-1 0
S-17	9/15/2010	Primary Sample	8260B	Acetone	10	µg/L	J	U	IV	Presumed contamination from field blank or equipment rinse blank	
S-33A	9/15/2010	Primary Sample	8260B	Acetone	10	µg/L	J	U	IV	Presumed contamination from field blank or equipment rinse blank	
WS-04A	7/28/2010	Primary Sample	300.0	Fluoride	0.19	mg/L	J	J	V	Compound was reported below the RL	23977
WS-04A	7/28/2010	Primary Sample	350.1	Ammonia-N	0.14	mg/L	J	J	V	Compound was reported below the RL	23977

TABLE A-3
SUMMARY OF DATA QUALIFICATION, THIRD QUARTER 2010
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well Identifier:	Collection Date:	Sample Type:	Analytical Method:	Parameter:	Sample Result:	Units:	Lab Qualifier Code:	Validator Qualifier Code:	Validation Level:	Validation Notes:	Validation Report:
WS-04A	7/28/2010	Primary Sample	8260B	Methylene chloride	5	µg/L	J	U	V	Presumed contamination from trip blank	23977
WS-04A	7/28/2010	Primary Sample	8260B SIM	1,4-Dioxane	3	µg/L	JB	U	V	Presumed contamination from preparation (method) and trip blank	23977
WS-04A	7/28/2010	Primary Sample	8315A	Formaldehyde	50	µg/L	JB	U	V	Presumed contamination from preparation (method) blank	23977
WS-09A	8/13/2010	Primary Sample	300.0	Fluoride	0.25	mg/L	J	J	V	Compound was reported below the RL	24042
WS-09A	8/13/2010	Primary Sample	8015B	Gasoline Range Organics (C12-C14)	0.03	mg/L	U	UJ	V	limits	24042
WS-09A	8/13/2010	Primary Sample	8260B	cis-1,2-Dichloroethene	440	µg/L		J	V	Surrogate recovery was outside QC limits	24042
WS-09A	8/13/2010	Primary Sample	8260B	Methylene chloride	1.4	µg/L	J	J	V	Compound was reported below the RL	24042
WS-09A	8/13/2010	Primary Sample	8260B	Trichloroethene	740	µg/L		J	V	Surrogate recovery was outside QC limits	24042
WS-09A	8/13/2010	Primary Sample	8315A	Formaldehyde	22	µg/L	JB	U	V	Presumed contamination from preparation (method) blank	24042

Appendix F Quality Assurance Assessment

Quality Assurance Reports – Fourth Quarter 2010

APPENDIX F

Quality Assurance Assessment

APPENDIX F
TABLE OF CONTENTS

LIST OF TABLES

LIST OF ATTACHMENTS

1. OVERVIEW

Field and laboratory data were reviewed for consistency with the procedures outlined in the *Groundwater Monitoring Quality Assurance Project Plan (QAPP), Santa Susana Field Laboratory* (Appendix B of Haley & Aldrich, 2010c, 2010d) following the fourth quarter 2010 quarterly groundwater sampling event. Results of the review are discussed in the following sections.

2. INTRODUCTION

2.1 Quality Assurance/Quality Control (QA/QC) Procedures

Following each quarterly groundwater sampling event, field and laboratory data are reviewed for consistency with procedures outlined in the *Groundwater Monitoring Quality Assurance Project Plan, Santa Susana Field Laboratory* (Appendix B of Haley & Aldrich, 2010). As the project develops, it is anticipated that the quality assurance assessment conducted following each quarterly event may be modified. The current procedures include reviewing (a) field forms and documentation and evaluating whether field data were complete, and (b) analytical laboratory data for precision, accuracy, representativeness, comparability, completeness, and sensitivity.

MWH submitted groundwater samples to the following laboratories:

Laboratory	Abbreviation	Location
TestAmerica-Denver (Primary)	TA-Denver	Arvada, Colorado
GEL Laboratories, LLC (Split)	GEL	Charleston, South Carolina

2.2 Procedures for Collection of Quality Control Samples

The following QC samples were collected as part of the Groundwater Monitoring Program in order to ensure that all groundwater samples are collected in a manner consistent with the QA objectives.

- **Field duplicates:** Duplicate samples are replicate groundwater samples collected from a given well. Both duplicates samples are submitted to the primary laboratory, but one of them is submitted as a "regular" sample, while the other is submitted as "blind" duplicate. Field duplicates should be collected for approximately five percent of the total number of primary field samples, per method, for each sampling event.

- **Split Samples:** Split samples are replicate groundwater samples collected from a given well. One of the split samples is submitted to the primary laboratory and the other to the "split laboratory" for separate analysis and reporting. Split samples should be collected at a rate of five percent of the total number of primary field samples, per method, for groundwater samples collected per the SMOU RFI QAPP; MECx, 2009 . If there is a change in the primary laboratory or when verification sampling is required, then split samples should be collected at a rate of once per year, per method, for groundwater samples collected per the Groundwater Monitoring QAPP (Haley & Aldrich, 2010).

- **Field Blanks:** Field blank samples are prepared in the field using de-ionized or High Performance Liquid Chromatography (HPLC) water and are "collected" by filling sample containers used for the groundwater samples. Field blanks are then stored with field samples. In this manner, field blanks are intended to provide evidence of any contaminant in the source water or ambient air, cross contamination between field samples, and/or artifacts in sample containers. One field blank should be submitted per batch of water used for equipment rinse blanks.

- **Equipment Rinse Blanks:** Equipment rinse blank samples are prepared using de-ionized or HPLC water that has been used to rinse non-dedicated sampling equipment after decontaminating the equipment. Per the SMOU RFI QAPP (MECx, 2009), equipment rinsate samples should be collected on a daily basis when non-dedicated sampling equipment are used to collected

groundwater samples and the equipment rinsate samples should be analyzed for each parameter analyzed in the field samples. Per the Groundwater Monitoring QAPP (Haley & Aldrich, 2010), equipment rinse blanks should be collected once per sampling event for any parameter analyzed in groundwater samples collected using non-dedicated sampling equipment.

- **Trip Blanks:** Trip blank samples are prepared in the laboratory using de-ionized water. The prepared trip blank samples are shipped from the laboratory with the empty sample containers to the field site and are stored and shipped with the collected samples and are returned to the laboratory unopened. A trip blank is used to document contamination attributable to shipping and handling procedures. One trip blank should be carried in each cooler containing field samples for volatile organic compounds (VOCs) and gasoline range organics (GRO) analysis. Trip blank samples will be analyzed for VOCs or GRO.

- **Matrix Spike/Matrix Spike Duplicates:** A matrix spike (MS) is an aliquot of a field sample spiked with a known concentration of all target analytes. A matrix spike duplicate (MSD) is a replicate of this process. Typically, thrice the number of sample containers are filled with groundwater collected from a given well in order to provide sufficient volume of sample for MS/MSD preparation and analysis. MS/MSDs should be collected at a rate of approximately five percent of the total number of samples collected, by method, for each sampling event.

2.3 Sample Custody

Chain-of-custody forms were completed by MWH personnel during the performance of sampling activities conducted at SSFL, as per the processes described in the QAPPs. These external chain-of-custody documents were completed appropriately upon sample transfer to analytical laboratory personnel.

2.4 Data Verification Process

Hardcopy data packages and electronic data were provided to Laboratory Data Consultants, Inc. (LDC) of Carlsbad, California, who initially performed a Level V review of the data. This encompassed an evaluation of sample collection procedures, holding times, blanks (to assess contamination), sample duplicates (to assess precision), laboratory control samples (LCS) (to assess accuracy), and MS and surrogate recoveries (to assess accuracy and matrix effects). Under MWH direction, LDC provided a comprehensive Level IV data review of verification samples, new detections, and results that appear to be inconsistent with historical trends or current understanding transport and fate of chemical constituents. The Level IV validation included a complete review of summary information for instrument calibrations (to assess performance), compound identification, and quantitation, in addition to the Level V items.

Data were assessed in accordance with guidance from the *US Environmental Protection Agency (USEPA) Contract Laboratory Program National Functional Guidelines for Low Concentration Organic Data Review* (Office of Solid Waste and Emergency Response [OSWER] 9240.1-34, USEPA-540-R-00-006, June 2001), *USEPA Contract Laboratory Program National Functional Guidelines for Superfund Organic Methods Data Review* (OSWER 9240.1-46, USEPA-540-R-08-01, June 2008), *USEPA Contract Laboratory Program National Functional Guidelines for Inorganic Data Review* (EPA 540-R-04-004, October 2004), and the EPA Method specific protocol criteria, where applicable.

3. QA/QC EVALUATION

3.1 Field Data

3.1.1 Pre-Sampling Water Levels

During the fourth quarter 2010 sampling event, a total of 304 wells, piezometers, or seeps were scheduled for water level monitoring. Monitoring attempts are summarized below. Thirteen wells or piezometers were not monitored because:

- the vault was welded shut to prevent surface water from infiltrating the well (two wells)
- the well completion was incompatible with the use of a pressure transducer at artesian wells (five wells)
- access for measurement was not available at an off-site private well (one well)
- a broken gauge prevented pressure reading of artesian water level (two wells)
- a partially removed FLUTe system prevented access for measurement (one well)
- blockage was encountered in well (two wells)

Water Level Monitoring	Fourth Quarter 2010
Number of locations scheduled	304
Number of locations monitored	291
Completeness value	96%

Percent completeness (% C) values presented in this summary were calculated using the following equation:

$$\% C = \frac{\text{Number of Valid (Usable) Measurements}}{\text{Number of Measurements Planned}} \times 100$$

3.1.2 Groundwater Sample Collection

During the fourth quarter 2010 sampling event, 196 wells, seeps, or piezometers were scheduled for sampling. Of the locations scheduled for sampling, 133 wells or piezometers (68 percent) were sampled. Samples were not collected at a number of locations because the wells or piezometers were either dry, contained inadequate water for sampling purposes, the low-flow well equipment could not be installed, or the wells were not yet constructed.

3.1.3 QA/QC Sample Collection

The QA/QC sample collection targets are listed in the QAPP (Haley & Aldrich, 2010) and the SMOU RFI QAPP (MECx, 2009). During the fourth quarter 2010, the QC/QC sample collection targets were met except where wells contained insufficient volume or inadequate quality for sampling.

Percent Completeness for QA/QC Sample Collection		
QC Sample Type	**QAPP (Haley & Aldrich, 2010)**	**SMOU RFI QAPP (MECx, 2009)**
Duplicate samples	94%	62%
Split samples	100%	0%
MS/MSD samples	89%	100%
Trip blanks	93%	
Field blanks	100%	100%
Equipment rinse blank	100%	100%

3.1.4 Water Quality Parameter Measurements

Water quality parameters (pH, oxidation reduction potential [ORP], dissolved oxygen [DO], electrical conductivity, and turbidity) are scheduled to be measured according to the WQSAP (Haley & Aldrich, 2010). All exceptions for the fourth quarter of 2010 sampling event are listed on Table 8 located in the main body of this report.

3.2 Analytical Data

All laboratories are certified by the California Department of Public Health Environmental Laboratory Accreditation Program.

3.2.1 Comparison with Historical Water Quality Data

The majority of analyte concentrations increased or decreased somewhat when compared to the results from the prior monitoring event, but most values were within the range of historical data. A summary of results is included in Section 4 of this report.

Verification sampling is conducted when there is a newly detected constituent of concern, or when a constituent of concern is detected above the Regulatory Reference Values (defined in Table 9 of the main body of this report) in samples collected from Regulated Unit Detection monitoring wells. Verification sampling consists of collecting a primary sample, field duplicate, split sample, equipment rinse sample (non-dedicated equipment only), and a field blank sample and analyzing each for the constituent(s) of concern.

Six monitoring wells were sampled during fourth quarter to verify new detections. Results of verification sampling are summarized in Table 22 of the main body and Section 4 of this report.

3.2.2 Laboratory Performance Comparison

Results of analyses across laboratories were comparable as indicated by the replicate percent differences (RPDs) of split samples (Table F-I). The RPDs were calculated for each analyte detected by both the primary and split laboratories if the analytes were detected at a concentration exceeding five times their respective reporting limits (RLs). RPDs for the split samples are summarized on Table F-1.

$RPD = \left| ((X_1 - X_2)/X_{ave}) \right| \times 100$

X_1 =value of first result;
X_2 = value of second result; and
X_{ave} = average concentration = $((X_1 + X_2) / 2)$

All RPDs calculated for fourth quarter 2010 split samples were less than the project acceptance criterion of 35.

3.2.3 Field Duplicate Sample Precision

The RPDs of field duplicate samples are calculated for all analytes detected in both the primary and duplicate samples and are summarized on Table F-2. The RPDs were calculated for each analyte detected by both the primary and split laboratories if the analytes were detected at a concentration exceeding five times their RLs. The RPD values calculated for fourth quarter 2010 field duplicate sample analyses were acceptable and below the project acceptance criterion of 35.

3.2.4 Blank Accuracy

The method detection limits (MDLs) reported for analytes in field blanks, equipment rinse blanks, and trip blanks were compared to the RLs requirements defined in the Groundwater Monitoring (Haley & Aldrich, 2010) and SMOU RFI (MECx, 2009) QAPPs. As required by the project, the MDLs in the blank samples were less than the required RLs, with the following exceptions:

Constituent	QAPP RL Requirement	Laboratory MDL
pH	0.01 pH Units	0.1 pH Units
Orthophosphate-PO4	0.2 milligrams per liter (mg/L)	0.57 mg/L

Although the MDLs listed above do not meet the QAPP RL criteria, they represent the laboratory's lowest achievable detection limits.

As defined in Table 9, the regulatory limit is 8.5 pH units for pH (California Secondary Maximum Contaminant Level), which is significantly higher than the laboratory RL. Additionally, there is no regulatory limit established for orthophosphate. Therefore, data usability is not affected by the laboratory's inability to meet QAPP requirements.

3.2.5 Data Representativeness, Reproducibility, and Completeness

Data representativeness, reproducibility, and completeness of results were evaluated by verifying the following:

- locations were sampled as scheduled,
- samples were properly collected and preserved (if required),
- procedures to maintain the integrity of samples during shipment were followed,
- sample dilutions were properly conducted,
- chain-of-custody records were complete when submitted or changed appropriately, and
- laboratory QA/QC data were obtained for each sample submitted.

Locations were sampled as scheduled except where wells contained insufficient water volume or where wells were inaccessible. All samples were preserved (where necessary) and shipped following acceptable procedures. Samples from wells with previous trichloroethene concentrations exceeding 3,000 micrograms per liter (µg/L) were segregated during storage and shipment.

A few chain-of-custody forms were not completed satisfactorily. Because the laboratories were notified of the deficiencies immediately following sample submission, all samples submitted were identified correctly and analyzed according to the monitoring schedule. In order to minimize future errors, field personnel were notified of the chain-of-custody form deficiencies.

All samples were received appropriately, identified correctly, and analyzed according to the monitoring requirements.

3.2.6 Data Usability Summary

LDC provided a comprehensive data verification report for each data package which summarized laboratory and project criteria that were not met, and sample results requiring qualification due to QC discrepancies. The verification reports were reviewed by MWH to ensure the verification procedures as described in the QAPPs were followed. The final validated and flagged data were reviewed by the project chemist and team to assess against the project data quality objectives (DQOs) to determine data usability.

3.2.6.1 Sample Data Reporting

Laboratory analytical reports contain laboratory specific data qualifiers. When an analysis was performed without dilution, the RL was based on the most recent MDL study conducted by the contract laboratory. The RL values for the dilution analyses were adjusted for the level of dilution performed. Values presented for target analytes detected at concentrations below the RL but above the MDL were flagged with a "J" as estimated values.

3.2.6.2 Data Qualifiers

The use of the data qualifiers is intended to aid users in their interpretation of the sample results. Laboratory specific data qualifiers were assigned by the laboratories to the reported results in accordance with each laboratory's standard operating procedures. However, some data qualifiers used by the laboratories do not correspond with standard EPA guidance as referenced in this document. The recommended EPA data qualifiers

should preclude the use of the laboratory-specific qualifiers so that comparability of the reported results can be achieved if future analyses are performed at other laboratories.

3.2.6.3 Summary

All final qualified results summarized on Table F-3 were found to be compliant with the DQOs for the project and are usable for the intended purpose as specified in the WQSAP (Haley & Aldrich, 2010).

TABLE F-I
SUMMARY OF FOURTH QUARTER 2010 SPLIT SAMPLE RESULTS
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well ID	Collection Date	Analytical Method	Parameter	Primary Sample Result	Split Sample Result	Units	RPD
HAR-09	11/18/2010	4500	Sulfide	0.0072 J	0.03 U	mg/L	NA
HAR-19	11/4/2010	8270C	bis(2-Ethylhexyl) phthalate	83 J	23.2	µg/L	NA
			No other SVOCs detected in both samples				
HAR-33	11/4/2010	8270C	bis(2-Ethylhexyl) phthalate	3.7 J	3.03 J	µg/L	NA
			No other SVOCs detected in both samples				
RD-49C	11/4/2010	8270C	Acetophenone	0.25 J	1.89 U	µg/L	NA
RS-33	11/18/2010	8260B	1,1,1-Trichloroethane	0.67 J	0.53 J	µg/L	NA
			1,1-Dichloroethane	1.5 J	1.39	µg/L	NA
			cis-1,2-Dichloroethene	45	39.2	µg/L	14
			Tetrachloroethene	0.5 J	0.55 J	µg/L	NA
			trans-1,2-Dichloroethene	0.38 J	0.38 J	µg/L	NA
			Trichloroethene	560	417	µg/L	15
			Vinyl Chloride	1.2 J	1 U	µg/L	NA
			No other VOCs detected in both samples				
RS-34	11/18/2010	8260B	cis-1,2-Dichloroethene	9.3	7.86	µg/L	17
			trans-1,2-Dichloroethene	0.52 J	0.48 J	µg/L	NA
			Trichloroethene	13	11.2	µg/L	15
			No other VOCs detected in both samples				
			No organochlorine pesticides detected				
			No chlorinated herbicides detected				

RPDs only calculated when analyte is detected in both the primary and split samples at concentrations exceeding five times their RLs.

Notes:
J - result is estimated
µg/L - micrograms per liter
NA - not applicable
RPD - relative percent difference
SVOCs - semivolatile organic compounds
VOCs - volatile organic compounds

TABLE F-2
SUMMARY OF FOURTH QUARTER 2010 FIELD DUPLICATE SAMPLE RESULTS
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well ID	Collection Date	Analytical Method	Parameter	Primary Sample Result	Duplicate Sample Result	Units	RPD
ES-27	10/22/2010	1625M	n-Nitrosodimethylamine	0.0059	0.0059	µg/L	NA
HAR-01	10/21/2010	1625M	n-Nitrosodimethylamine	0.0087	0.0087	µg/L	NA
HAR-04	10/21/2010	350.1	Ammonia-N	0.061 J	0.062 J	mg/L	NA
		6860	Perchlorate	0.72	0.45 J	µg/L	NA
		8260B	1,1,1-Trichloroethane	2.7	3	µg/L	NA
		8260B	cis-1,2-Dichloroethene	41	43	µg/L	4.8
		8260B	Trichloroethene	600	680	µg/L	13
				No other VOCs detected			
		1625M	n-Nitrosodimethylamine	0.005 U	0.005 U	µg/L	NA
		8260B SIM	1,4-Dioxane	0.75 U	0.75 U	µg/L	NA
				No anions detected			
				No TPH detected			
				No SVOCs detected			
				No hydrazines detected			
HAR-07	10/25/2010	300.0	Fluoride	0.27 J	0.27 J	mg/L	NA
		300.0	Nitrate-NO3	0.25 J	0.25 J	mg/L	NA
		350.1	Ammonia-N	0.058 J	0.057 J	mg/L	NA
		1625M	n-Nitrosodimethylamine	0.032	0.03	µg/L	6.5
		8260B	cis-1,2-Dichloroethene	1400	1400 J	µg/L	0
		8260B	trans-1,2-Dichloroethene	47	47 J	µg/L	NA
		8260B	Trichloroethene	4800 J	5000	µg/L	4.1
				No other VOCs detected			
	10/25/2010	9040B	pH	6.65	6.68	pH Units	0.45
		8260B SIM	1,4-Dioxane	0.75 U	0.75 U	µg/L	NA
		8315	Formaldehyde	50 U	50 U	µg/L	NA
				No TPH detected			
				No SVOCs detected			
				No hydrazines detected			
HAR-08	10/25/2010	1625M	n-Nitrosodimethylamine	0.015	0.016	µg/L	NA
HAR-09	11/18/2010	4500	Sulfide	0.0072 J	0.0072 J	mg/L	NA
HAR-09	10/29/2010	1625M	n-Nitrosodimethylamine	0.0058	0.0053	µg/L	NA

TABLE F-2
SUMMARY OF FOURTH QUARTER 2010 FIELD DUPLICATE SAMPLE RESULTS
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well ID	Collection Date	Analytical Method	Parameter	Primary Sample Result	Duplicate Sample Result	Units	RPD
HAR-12	11/3/2010	1625M	n-Nitrosodimethylamine	0.053	0.057	µg/L	7.3
HAR-13	10/19/2010	180.1	Turbidity	15	11	NTU	31
		300.0	Chloride	10	10	mg/L	NA
		300.0	Fluoride	0.42 J	0.44 J	mg/L	NA
		300.0	Nitrate-NO3	13	13	mg/L	0
		300.0	Sulfate	15	15	mg/L	NA
		314.0	Perchlorate	0.28 U	0.57 J	µg/L	NA
		350.1	Ammonia-N	0.064 J	0.061 J	mg/L	NA
		6860	Perchlorate	0.81 J	0.78	µg/L	NA
		2320B	Total Alkalinity	120	140	mg/L	15
		2510B	Specific conductivity	310	310	µmhos/cm	0
		2540C	Total Dissolved Solids	250	240	mg/L	4.1
		6010B	Calcium	23	23	mg/L	NA
		6010B	Calcium, Dissolved	23	22	mg/L	NA
		6010B	Iron	3.3	2.9	mg/L	13
		6010B	Magnesium	8.1	8.2	mg/L	NA
		6010B	Magnesium, Dissolved	7.8	7.5	mg/L	NA
		6010B	Manganese	0.017	0.0092 J	mg/L	NA
		6010B	Manganese, Dissolved	0.0096 J	0.00027 J	mg/L	NA
		6010B	Potassium	1.2 J	1.2 J	mg/L	NA
		6010B	Potassium, Dissolved	1.2 J	1 J	mg/L	NA
		6010B	Sodium	35	35	mg/L	0
		6010B	Sodium, Dissolved	34	32	mg/L	6.1
		6010B	Strontium	0.099	0.1	mg/L	NA
		6010B	Strontium, Dissolved	0.098	0.094	mg/L	NA
		6010B	Zinc	0.0084 J	0.0083 J	mg/L	NA
		6010B	Zinc, Dissolved	0.0051 J	0.0045 U	mg/L	NA
				No other metals detected			
		8260B	1,1,2-Trichloro-1,2,2-trifluoroethane	1.9 J	1.2 J	µg/L	NA
		8260B	Chloroform	0.44 J	0.42 J	µg/L	NA
				No other VOCs detected			

TABLE F-2
SUMMARY OF FOURTH QUARTER 2010 FIELD DUPLICATE SAMPLE RESULTS
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well ID	Collection Date	Analytical Method	Parameter	Primary Sample Result	Duplicate Sample Result	Units	RPD
HAR-13	10/19/2010	9040B	pH	6.95	6.91	pH Units	0.58
		8315	Formaldehyde	50 U	50 U	µg/L	NA
		8260B SIM	1,4-Dioxane	0.75 U	0.75 U	µg/L	NA
		1625M	n-Nitrosodimethylamine	0.005 U	0.005 U	µg/L	NA
				No TPH detected			
				No SVOCs detected			
				No hydrazines detected			
HAR-14	11/3/2010	1625M	n-Nitrosodimethylamine	6.2	6.5	µg/L	4.7
HAR-16	11/5/2010	524.2	1,2,3-Trichloropropane	0.0028 J	0.0028 J	µg/L	NA
HAR-16	11/2/2010	1625M	n-Nitrosodimethylamine	6.2	6.2	µg/L	0
HAR-19	11/4/2010	8270C	bis(2-Ethylhexyl) phthalate	83 J	47	µg/L	NA
HAR-21	10/29/2010	1625M	n-Nitrosodimethylamine	0.042	0.039	µg/L	7.4
HAR-23	10/28/2010	1625M	n-Nitrosodimethylamine	0.027	0.026	µg/L	3.8
HAR-28	10/27/2010	1625M	n-Nitrosodimethylamine	0.005	0.005 U	µg/L	NA
HAR-32	10/14/2010	1625M	n-Nitrosodimethylamine	0.2	0.22	µg/L	9.5
HAR-33	11/4/2010	8270C	bis(2-Ethylhexyl) phthalate	3.7 J	7.4 J	µg/L	NA
PZ-139	10/26/2010	6020	Antimony, Dissolved	0.00012 J	0.0001 J	mg/L	NA
		6020	Arsenic, Dissolved	0.0013 J	0.0013 J	mg/L	NA
		6020	Barium, Dissolved	0.017	0.018	mg/L	NA
		6020	Beryllium, Dissolved	0.0001 J	0.00008 U	mg/L	NA
		6020	Cadmium, Dissolved	0.000072 J	0.0001 J	mg/L	NA
		6020	Copper, Dissolved	0.00092 J	0.0012 J	mg/L	NA
		6020	Nickel, Dissolved	0.0071	0.0084	mg/L	NA
		6020	Selenium, Dissolved	0.00071 J	0.00095 J	mg/L	NA
		6020	Silver, Dissolved	0.000015 J	0.000015 U	mg/L	NA
		6020	Thallium, Dissolved	0.000035 J	0.00002 U	mg/L	NA
		6020	Zinc, Dissolved	0.0033 J	0.0034 J	mg/L	NA
		6010B	Manganese, Dissolved	0.2	0.2	mg/L	0
		6010B	Vanadium, Dissolved	0.0011 U	0.0015 J	mg/L	NA
				No other metals detected			
		8260B	1,1-Dichloroethene	0.78 J	0.77 J	µg/L	NA

TABLE F-2
SUMMARY OF FOURTH QUARTER 2010 FIELD DUPLICATE SAMPLE RESULTS
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well ID	Collection Date	Analytical Method	Parameter	Primary Sample Result	Duplicate Sample Result	Units	RPD
PZ-139	10/26/2010	8260B	Acetone	2.2 J	1.9 U	µg/L	NA
		8260B	cis-1,2-Dichloroethene	14	14	µg/L	0
		8260B	trans-1,2-Dichloroethene	0.51 J	0.49 J	µg/L	NA
		8260B	Trichloroethene	230 J	210	µg/L	9.1
				No other VOCs detected			
		8315	Formaldehyde	50 U	50 U	µg/L	NA
		8260B SIM	1,4-Dioxane	0.75 U	0.75 U	µg/L	NA
				No dioxins or furans detected			
				No PCBs detected			
				No hexavalent chromium detected			
				No anions detected			
				No TPH detected			
				No SVOCs detected			
				No hydrazines detected			
RD-39B	10/14/2010	300.0	Fluoride	0.095 J	0.099 J	mg/L	NA
				No other anions detected			
		350.1	Ammonia-N	0.1 J	0.077 J	mg/L	NA
		9040B	pH	7.75	7.75	pH Units	0
		8315	Formaldehyde	50 U	50 U	µg/L	NA
		1625M	n-Nitrosodimethylamine	0.005 U	0.005 U	µg/L	NA
				No TPH detected			
				No SVOCs detected			
				No VOCs detected			
				No hydrazines detected			
RD-49B	10/15/2010	1625M	n-Nitrosodimethylamine	0.034	0.038 U	µg/L	NA
RD-49C	11/4/2010	8270C	Acetophenone	0.25 J	0.23 U	µg/L	NA
RS-33	10/18/2010	1625M	n-Nitrosodimethylamine	0.2	0.2	µg/L	0
		8260B	1,1,1-Trichloroethane	0.67 J	0.61 J	µg/L	NA
		8260B	1,1-Dichloroethane	1.5 J	1.4 J	µg/L	NA
		8260B	cis-1,2-Dichloroethene	45	43	µg/L	4.5
		8260B	Tetrachloroethene	0.5 J	0.45 J	µg/L	NA

TABLE F-2
SUMMARY OF FOURTH QUARTER 2010 FIELD DUPLICATE SAMPLE RESULTS
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well ID	Collection Date	Analytical Method	Parameter	Primary Sample Result	Duplicate Sample Result	Units	RPD
RS-33	10/18/2010	8260B	trans-1,2-Dichloroethene	0.38 J	0.39 J	µg/L	NA
		8260B	Trichloroethene	560	530 J	µg/L	5.5
		8260B	Vinyl chloride	1.2 J	1.1 J	µg/L	NA
				No other VOCs detected			
RS-34	10/27/2010	1625M	n-Nitrosodimethylamine	0.0083	0.0085	µg/L	NA
RS-34	11/18/2010	8260B	cis-1,2-Dichloroethene	9.3	9.5	µg/L	2.1
		8260B	trans-1,2-Dichloroethene	0.52 J	0.57 J	µg/L	NA
		8260B	Trichloroethene	13	13	µg/L	0
				No other VOCs detected			
		9012	Cyanides	0.002 U	0.002 U	mg/L	NA
				No organochlorine pesticides detected			
				No chlorinated herbicides detected			

RPDs only calculated when analyte is detected in both the primary and split samples at concentrations exceeding five times their RLs.

Notes:
J - result is estimated
µg/L - micrograms per liter
NA - not applicable
RPD - relative percent difference
SVOCs - semivolatile organic compounds
VOCs - volatile organic compounds
mg/L - milligram per liter
NTU - nephelometric turbidity units
U - the result is not detected above the method detection limit or reporting limit
TPH - total petroleum hydrocarbons
PCBs - polychlorinated biphenyls

TABLE F-3
SUMMARY OF FOURTH QUARTER 2010 DATA QUALIFICATION
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well ID	Collection Date	Sample Type	Analytical Method	Parameter	Result Type	Sample Result	Units	Lab Qualifier Code	Validator Qualifier Code	Validation Level	Validation Notes	Validation Report
ES-26	10/19/2010	Primary Sample	8260B	Acetone	Primary Result	10	µg/L	JB	U	V	Presumed contamination from preparation (method) and trip blank	24489
ES-26	10/19/2010	Primary Sample	6010B	Potassium	Primary Result	2.8	mg/L	J	J	V	Compound was reported below the RL	24489
ES-26	10/19/2010	Primary Sample	6010B	Potassium, Dissolved	Primary Result	2.4	mg/L	J	J	V	Compound was reported below the RL	24489
ES-26	10/19/2010	Primary Sample	6010B	Zinc	Primary Result	0.0081	mg/L	J	J	V	Compound was reported below the RL	24489
ES-26	10/19/2010	Primary Sample	6010B	Zinc, Dissolved	Primary Result	0.0051	mg/L	J	J	V	Compound was reported below the RL	24489
ES-26	10/19/2010	Primary Sample	8315A	Formaldehyde	Primary Result	50	µg/L	JB	U	V	Presumed contamination as indicated by the preparation (method) blank results.	24489
ES-27	10/15/2010	Primary Sample	350.1	Ammonia-N	Primary Result	0.068	mg/L	J	J	V	Compound was reported below the RL	24489
ES-27	10/15/2010	Primary Sample	8260B	1,1,2-Trichloro-1,2,2-trifluoroethane	Primary Result	1500	µg/L		J	V	Surrogate recovery was outside QC limits.	24489
ES-27	10/15/2010	Primary Sample	8260B	Trichloroethene	Primary Result	35	µg/L		J	V	Surrogate recovery was outside QC limits.	24489
ES-27	10/15/2010	Primary Sample	8260B	Acetone	Primary Result	130	µg/L	B	J	V	Surrogate recovery was outside QC limits.	24489
ES-27	10/15/2010	Primary Sample	8315	Formaldehyde	Primary Result	50	µg/L	J B	U	V	Presumed contamination as indicated by the preparation (method) blank results.	24489
ES-27	10/15/2010	Primary Sample	9040B	pH	Primary Result	7.56	pH Units	HTV	J	V	Holding time was exceeded	24489
HAR-04	10/21/2010	Field Duplicate	350.1	Ammonia-N	Primary Result	0.062	mg/L	J	J	V	Compound was reported below the RL	24489
HAR-04	10/21/2010	Primary Sample	350.1	Ammonia-N	Primary Result	0.061	mg/L	J	J	V	Compound was reported below the RL	24489
HAR-04	10/21/2010	Field Duplicate	314.0	Perchlorate	Primary Result	0.45	µg/L	J	J	V	Compound was reported below the RL	24489
HAR-04	10/21/2010	Field Duplicate	8315A	Formaldehyde	Primary Result	50	µg/L	JB	U	V	Presumed contamination as indicated by the preparation (method) blank results.	24489
HAR-04	10/21/2010	Primary Sample	314.0	Perchlorate	Primary Result	0.71	µg/L	J	J	V	Compound was reported below the RL	24489
HAR-04	10/21/2010	Primary Sample	8315A	Formaldehyde	Primary Result	50	µg/L	JB	U	V	Presumed contamination as indicated by the preparation (method) blank results.	24489
HAR-01	10/21/2010	Primary Sample	8260B	Chloroform	Primary Result	0.29	µg/L	J	J	V	Compound was reported below the RL	24489
HAR-01	10/21/2010	Primary Sample	8260B	Tetrachloroethene	Primary Result	0.35	µg/L	J	J	V	Compound was reported below the RL	24489
HAR-01	10/21/2010	Primary Sample	8315A	Formaldehyde	Primary Result	50	µg/L	JB	U	V	Presumed contamination as indicated by the preparation (method) blank results.	24489
HAR-07	10/25/2010	Field Duplicate	300.0	Fluoride	Primary Result	0.27	mg/L	J	J	V	Compound was reported below the RL	24489
HAR-07	10/25/2010	Field Duplicate	300.0	Nitrate-NO3	Primary Result	0.25	mg/L	J	J	V	Compound was reported below the RL	24489
HAR-07	10/25/2010	Field Duplicate	350.1	Ammonia-N	Primary Result	0.057	mg/L	J	J	V	Compound was reported below the RL	24489
HAR-07	10/25/2010	Field Duplicate	8260B	cis-1,2-Dichloroethene	Primary Result	1400	µg/L		J	V	Surrogate recovery was outside QC limits.	24489
HAR-07	10/25/2010	Field Duplicate	8260B	Methylene chloride	Primary Result	200	µg/L	JB	UJ	V	Presumed contamination as indicated by the preparation (method) blank results; Surrogate recovery was outside QC limits.	24489
HAR-07	10/25/2010	Field Duplicate	8260B	trans-1,2-Dichloroethene	Primary Result	47	µg/L		J	V	Surrogate recovery was outside QC limits.	24489

HAR-07	10/25/2010	Primary Sample	300.0	Fluoride	Primary Result	0.27	mg/L	J	J	V	Compound was reported below the RL	24489
HAR-07	10/25/2010	Field Duplicate	8315A	Formaldehyde	Primary Result	50	µg/L	JB	U	V	Presumed contamination as indicated by the preparation (method) blank results.	24489
HAR-07	10/25/2010	Primary Sample	300.0	Nitrate-NO3	Primary Result	0.25	mg/L	J	J	V	Compound was reported below the RL	24489
HAR-07	10/25/2010	Primary Sample	350.1	Ammonia-N	Primary Result	0.058	mg/L	J	J	V	Compound was reported below the RL	24489
HAR-07	10/25/2010	Primary Sample	8260B	Trichloroethene	Primary Result	4800	µg/L		J	V	Surrogate recovery was outside QC limits.	24489
HAR-07	10/25/2010	Primary Sample	8315A	Formaldehyde	Primary Result	50	µg/L	JB	U	V	Presumed contamination as indicated by the preparation (method) blank results.	24489
HAR-05	10/28/2010	Primary Sample	300.0	Fluoride	Primary Result	0.33	mg/L	J	J	V	Compound was reported below the RL	24489
HAR-05	10/28/2010	Primary Sample	300.0	Nitrate-NO3	Primary Result	0.85	mg/L	J	J	V	Compound was reported below the RL	24489
HAR-05	10/28/2010	Primary Sample	8260B	Trichloroethene	Primary Result	0.65	µg/L	J	J	V	Compound was reported below the RL	24489
HAR-05	10/28/2010	Primary Sample	8315A	Formaldehyde	Primary Result	50	µg/L	JB	U	V	Presumed contamination as indicated by the preparation (method) blank results.	24489
HAR-08	10/25/2010	Primary Sample	8260B	trans-1,2-Dichloroethene	Primary Result	1.1	µg/L		J	V	Surrogate recovery was outside QC limits.	24489
HAR-08	10/25/2010	Primary Sample	8260B	cis-1,2-Dichloroethene	Primary Result	15	µg/L		J	V	Surrogate recovery was outside QC limits.	24489
HAR-08	10/25/2010	Primary Sample	8260B	Trichloroethene	Primary Result	1.2	µg/L		J	V	Surrogate recovery was outside QC limits.	24489
HAR-08	10/25/2010	Primary Sample	8260B	Vinyl chloride	Primary Result	4.5	µg/L		J	V	Surrogate recovery was outside QC limits.	24489
HAR-08	10/25/2010	Primary Sample	8315A	Formaldehyde	Primary Result	50	µg/L	JB	U	V	Presumed contamination as indicated by the preparation (method) blank results.	24489
HAR-08	10/25/2010	Primary Sample	300.0	Fluoride	Primary Result	0.21	mg/L	J	J	V	Compound was reported below the RL	24489
HAR-09	10/29/2010	Primary Sample	8015B	Kerosene Range (C15-C20)	Primary Result	0.066	mg/L	J	J	V	Compound was reported below the RL	24489
HAR-09	10/29/2010	Primary Sample	6010B	Zinc	Primary Result	0.0047	mg/L	J	J	V	Compound was reported below the RL	24489
HAR-09	10/29/2010	Primary Sample	8015B	Diesel Range Organics (C21-C30)	Primary Result	0.061	mg/L	J	J	V	Compound was reported below the RL	24489
HAR-09	10/29/2010	Primary Sample	8015B	Diesel Range Organics (C8-C30)	Primary Result	0.17	mg/L	J	J	V	Compound was reported below the RL	24489
HAR-09	10/29/2010	Primary Sample	8260B	Carbon Tetrachloride	Primary Result	0.19	µg/L	U	UJ	V	MS/MSD recovery was poor or RPD was high	24489
HAR-09	10/29/2010	Primary Sample	8260B	m-Xylene & p-Xylene	Primary Result	0.34	µg/L	U	UJ	V	MS/MSD recovery was poor or RPD was high	24489
HAR-09	10/29/2010	Primary Sample	8260B	1,1,1-Trichloroethane	Primary Result	0.16	µg/L	U	UJ	V	MS/MSD recovery was poor or RPD was high	24489
HAR-09	10/29/2010	Primary Sample	8260B	Chloroform	Primary Result	0.16	µg/L	U	UJ	V	MS/MSD recovery was poor or RPD was high	24489
HAR-09	10/29/2010	Primary Sample	8260B	Tetrachloroethene	Primary Result	0.2	µg/L	U	UJ	V	MS/MSD recovery was poor or RPD was high	24489
HAR-09	10/29/2010	Primary Sample	8315A	Formaldehyde	Primary Result	50	µg/L	JB	U	V	Presumed contamination as indicated by the preparation (method) blank results.	24489
HAR-09	10/29/2010	Primary Sample	300.0	Fluoride	Primary Result	0.32	mg/L	J	J	V	Compound was reported below the RL	24489
HAR-09	10/29/2010	Primary Sample	9040B	pH	Primary Result	7.18	pH Units	HTV	J	V	Holding time was exceeded	24489
HAR-09	11/4/2010	Field Duplicate	8270C	Methyl methanesulfonate	Primary Result	0.98	µg/L	U	UJ	IV	Calibration %RSD or %D was noncompliant	24492
HAR-09	11/4/2010	Field Duplicate	8270C	p-Phenylenediamine	Primary Result	4.9	µg/L	U	UJ	IV	Calibration %RSD or %D was noncompliant	24492

HAR-09	11/4/2010	Primary Sample	8270C	Methyl methanesulfonate	Primary Result	0.99	µg/L	U	UJ	IV	Calibration %RSD or %D was noncompliant	24492
HAR-09	11/4/2010	Primary Sample	8270C	p-Phenylenediamine	Primary Result	4.9	µg/L	U	UJ	IV	Calibration %RSD or %D was noncompliant	24492
HAR-09	11/4/2010	Split Sample	8270C	4-Nitroquinoline-1-oxide	Primary Result	10	µg/L	U	UJ	IV	Calibration %RSD or %D was noncompliant	24492
HAR-09	11/4/2010	Split Sample	8270C	Aramite	Primary Result	10	µg/L	U	UJ	IV	Calibration %RSD or %D was noncompliant	24492
HAR-09	11/18/2010	Field Duplicate	4500	Sulfide	Primary Result	0.0072	mg/L	J	J	IV	Compound was reported below the RL	24579
HAR-09	11/18/2010	Field Duplicate	8290	1,2,3,7,8-Pentachlorodibenzofuran	Primary Result	2.8	pg/L	U	UJ	IV	Calibration %RSD or %D was noncompliant	24579
HAR-09	11/18/2010	Field Duplicate	8290	2,3,4,7,8-Pentachlorodibenzofuran	Primary Result	2.7	pg/L	U	UJ	IV	Calibration %RSD or %D was noncompliant	24579
HAR-09	11/18/2010	Primary Sample	4500	Sulfide	Primary Result	0.0072	mg/L	J	J	IV	Compound was reported below the RL	24579
HAR-09	11/18/2010	Primary Sample	8290	1,2,3,7,8-Pentachlorodibenzofuran	Primary Result	2.5	pg/L	U	UJ	IV	Calibration %RSD or %D was noncompliant	24579
HAR-09	11/18/2010	Primary Sample	8290	2,3,4,7,8-Pentachlorodibenzofuran	Primary Result	2.3	pg/L	U	UJ	IV	Calibration %RSD or %D was noncompliant	24579
HAR-11	10/20/2010	Primary Sample	350.1	Ammonia-N	Primary Result	0.18	mg/L	J	J	V	Compound was reported below the RL	24489
HAR-11	10/20/2010	Primary Sample	8015B	Kerosene Range (C15-C20)	Primary Result	0.16	mg/L	J	J	V	Compound was reported below the RL	24489
HAR-11	10/20/2010	Primary Sample	8015B	Diesel Range Organics (C21-C30)	Primary Result	0.068	mg/L	J	J	V	Compound was reported below the RL	24489
HAR-11	10/20/2010	Primary Sample	8260B	Acetone	Primary Result	10	µg/L	J	U	V	Presumed contamination as indicated by the trip blank Results	24489
HAR-11	10/20/2010	Primary Sample	8260B	trans-1,2-Dichloroethene	Primary Result	0.35	µg/L	J	J	V	Compound was reported below the RL	24489
HAR-11	10/20/2010	Primary Sample	8315A	Formaldehyde	Primary Result	50	µg/L	JB	U	V	Presumed contamination as indicated by the preparation (method) blank results.	24489
HAR-12	11/3/2010	Primary Sample	6010B	Iron	Primary Result	0.046	mg/L	J	J	V	Compound was reported below the RL	24492
HAR-12	11/3/2010	Primary Sample	6010B	Potassium	Primary Result	3.2	mg/L	J	J	V	Compound was reported below the RL	24492
HAR-12	11/3/2010	Primary Sample	6010B	Potassium, Dissolved	Primary Result	3.1	mg/L	J	J	V	Compound was reported below the RL	24492
HAR-12	11/3/2010	Primary Sample	6010B	Zinc	Primary Result	0.0046	mg/L	J	J	V	Compound was reported below the RL	24492
HAR-12	11/3/2010	Primary Sample	8315A	Formaldehyde	Primary Result	50	µg/L	JB	U	V	Presumed contamination as indicated by the preparation (method) blank results.	24492
HAR-12	11/3/2010	Primary Sample	300.0	Fluoride	Primary Result	0.47	mg/L	J	J	V	Compound was reported below the RL	24492
HAR-12	11/3/2010	Primary Sample	300.0	Nitrate-NO3	Primary Result	2.1	mg/L	J	J	V	Compound was reported below the RL	24492
HAR-13	10/19/2010	Field Duplicate	300.0	Fluoride	Primary Result	0.44	mg/L	J	J	V	Compound was reported below the RL	24489
HAR-13	10/19/2010	Field Duplicate	314.0	Perchlorate	Primary Result	0.57	µg/L	J	J	V	Compound was reported below the RL	24489
HAR-13	10/19/2010	Field Duplicate	350.1	Ammonia-N	Primary Result	0.061	mg/L	J	J	V	Compound was reported below the RL	24489
HAR-13	10/19/2010	Field Duplicate	6010B	Manganese	Primary Result	0.0092	mg/L	J	J	V	Compound was reported below the RL	24489
HAR-13	10/19/2010	Field Duplicate	8260B	1,1,2-Trichloro-1,2,2-trifluoroethane	Primary Result	1.2	µg/L	J	J	V	Compound was reported below the RL	24489
HAR-13	10/19/2010	Field Duplicate	6010B	Manganese, Dissolved	Primary Result	0.00027	mg/L	J	J	V	Compound was reported below the RL	24489
HAR-13	10/19/2010	Field Duplicate	6010B	Potassium	Primary Result	1.2	mg/L	J	J	V	Compound was reported below the RL	24489
HAR-13	10/19/2010	Field Duplicate	6010B	Potassium, Dissolved	Primary Result	1	mg/L	J	J	V	Compound was reported below the RL	24489

HAR-13	10/19/2010	Field Duplicate	6010B	Zinc	Primary Result	0.0083	mg/L	J	J	V	Compound was reported below the RL	24489
HAR-13	10/19/2010	Field Duplicate	8260B	Acetone	Primary Result	10	µg/L	J	U	V	Presumed contamination as indicated by the trip blank Results	24489
HAR-13	10/19/2010	Field Duplicate	8260B	Chloroform	Primary Result	0.42	µg/L	J	J	V	Compound was reported below the RL	24489
HAR-13	10/19/2010	Field Duplicate	8315A	Formaldehyde	Primary Result	50	µg/L	JB	U	V	Presumed contamination as indicated by the preparation (method) blank results.	24489
HAR-13	10/19/2010	Primary Sample	300.0	Fluoride	Primary Result	0.42	mg/L	J	J	V	Compound was reported below the RL	24489
HAR-13	10/19/2010	Primary Sample	350.1	Ammonia-N	Primary Result	0.064	mg/L	J	J	V	Compound was reported below the RL	24489
HAR-13	10/19/2010	Primary Sample	6860	Perchlorate	Primary Result	0.81	µg/L	HTV	J	V	Holding time was exceeded	24489
HAR-13	10/19/2010	Primary Sample	8260B	1,1,2-Trichloro-1,2,2-trifluoroethane	Primary Result	1.9	µg/L	J	J	V	Compound was reported below the RL	24489
HAR-13	10/19/2010	Primary Sample	6010B	Manganese, Dissolved	Primary Result	0.0096	mg/L	J	J	V	Compound was reported below the RL	24489
HAR-13	10/19/2010	Primary Sample	6010B	Potassium	Primary Result	1.2	mg/L	J	J	V	Compound was reported below the RL	24489
HAR-13	10/19/2010	Primary Sample	6010B	Potassium, Dissolved	Primary Result	1.2	mg/L	J	J	V	Compound was reported below the RL	24489
HAR-13	10/19/2010	Primary Sample	6010B	Zinc	Primary Result	0.0084	mg/L	J	J	V	Compound was reported below the RL	24489
HAR-13	10/19/2010	Primary Sample	6010B	Zinc, Dissolved	Primary Result	0.0051	mg/L	J	J	V	Compound was reported below the RL	24489
HAR-13	10/19/2010	Primary Sample	8260B	Acetone	Primary Result	10	µg/L	JB	U	V	Presumed contamination from preparation (method) and trip blank	24489
HAR-13	10/19/2010	Primary Sample	8260B	Chloroform	Primary Result	0.44	µg/L	J	J	V	Compound was reported below the RL	24489
HAR-13	10/19/2010	Primary Sample	8315A	Formaldehyde	Primary Result	50	µg/L	JB	U	V	Presumed contamination as indicated by the preparation (method) blank results.	24489
HAR-14	11/3/2010	Primary Sample	300.0	Fluoride	Primary Result	0.37	mg/L	J	J	V	Compound was reported below the RL	24492
HAR-14	11/3/2010	Primary Sample	6010B	Iron	Primary Result	0.022	mg/L	J	J	V	Compound was reported below the RL	24492
HAR-14	11/3/2010	Primary Sample	6010B	Manganese, Dissolved	Primary Result	0.00029	mg/L	J	J	V	Compound was reported below the RL	24492
HAR-14	11/3/2010	Primary Sample	6010B	Potassium	Primary Result	3.4	mg/L	J	J	V	Compound was reported below the RL	24492
HAR-14	11/3/2010	Primary Sample	6010B	Potassium, Dissolved	Primary Result	3.6	mg/L	J	J	V	Compound was reported below the RL	24492
HAR-14	11/3/2010	Primary Sample	350.1	Ammonia-N	Primary Result	0.057	mg/L	J	J	V	Compound was reported below the RL	24492
HAR-14	11/3/2010	Primary Sample	6010B	Manganese	Primary Result	0.0017	mg/L	J	J	V	Compound was reported below the RL	24492
HAR-14	11/3/2010	Primary Sample	6010B	Zinc	Primary Result	0.0051	mg/L	J	J	V	Compound was reported below the RL	24492
HAR-14	11/3/2010	Primary Sample	8260B	Carbon Tetrachloride	Primary Result	0.34	µg/L	J	J	V	Compound was reported below the RL	24492
HAR-14	11/3/2010	Primary Sample	8260B	1,1,1-Trichloroethane	Primary Result	0.36	µg/L	J	J	V	Compound was reported below the RL	24492
HAR-14	11/3/2010	Primary Sample	8260B	Acetone	Primary Result	4.9	µg/L	J	J	V	Compound was reported below the RL	24492
HAR-14	11/3/2010	Primary Sample	8315A	Formaldehyde	Primary Result	50	µg/L	JB	U	V	Presumed contamination as indicated by the preparation (method) blank results.	24492
HAR-15	10/22/2010	Primary Sample	300.0	Nitrate-NO3	Primary Result	0.74	mg/L	J	J	V	Compound was reported below the RL	24489
HAR-15	10/22/2010	Primary Sample	350.1	Ammonia-N	Primary Result	0.064	mg/L	J	J	V	Compound was reported below the RL	24489

HAR-15	10/22/2010	Primary Sample	8260B	Trichloroethene	Primary Result	1.3	µg/L		J	V	Surrogate recovery was outside QC limits.	24489
HAR-15	10/22/2010	Primary Sample	8315A	Formaldehyde	Primary Result	50	µg/L	JB	U	V	Presumed contamination as indicated by the preparation (method) blank results.	24489
HAR-16	11/2/2010	Primary Sample	350.1	Ammonia-N	Primary Result	0.1	mg/L	J	J	V	Compound was reported below the RL	24489
HAR-16	11/2/2010	Primary Sample	6010B	Potassium, Dissolved	Primary Result	1.1	mg/L	JB	J	V	Compound was reported below the RL	24489
HAR-16	11/2/2010	Primary Sample	6010B	Manganese	Primary Result	0.00044	mg/L	J	J	V	Compound was reported below the RL	24489
HAR-16	11/2/2010	Primary Sample	6010B	Potassium	Primary Result	1.1	mg/L	J	J	V	Compound was reported below the RL	24489
HAR-16	11/2/2010	Primary Sample	8015B	Gasoline Range Organics (C8-C11)	Primary Result	0.074	mg/L	U	R	V	MS/MSD recovery was poor or RPD was high	24489
HAR-16	11/2/2010	Primary Sample	8260B	Tetrachloroethene	Primary Result	4	µg/L	J	J	V	Compound was reported below the RL	24489
HAR-16	11/2/2010	Primary Sample	8260B	Trichlorofluoromethane	Primary Result	8	µg/L	J	J	V	Compound was reported below the RL	24489
HAR-16	11/2/2010	Primary Sample	8270C	bis(2-Ethylhexyl) phthalate	Primary Result	2.1	µg/L	J	J	V	Compound was reported below the RL	24489
HAR-16	11/2/2010	Primary Sample	8260B SIM	1,4-Dioxane	Primary Result	7.8	µg/L		J	V	MS/MSD recovery was poor or RPD was high	24489
HAR-16	11/2/2010	Primary Sample	300.0	Fluoride	Primary Result	0.34	mg/L	J	J	V	Compound was reported below the RL	24489
HAR-16	11/2/2010	Primary Sample	8315A	Formaldehyde	Primary Result	50	µg/L	JB	U	V	Presumed contamination as indicated by the preparation (method) blank results.	24489
HAR-16	11/5/2010	Field Duplicate	524.2	1,2,3-Trichloropropane	Primary Result	0.0028	µg/L	J	J	IV	Compound was reported below the RL	24492
HAR-16	11/5/2010	Primary Sample	524.2	1,2,3-Trichloropropane	Primary Result	0.0028	µg/L	J	J	IV	Compound was reported below the RL	24492
HAR-19	11/4/2010	Primary Sample	6010B	Calcium	Primary Result	160	mg/L		J	V	MS recovery was poor	24492
HAR-19	11/4/2010	Primary Sample	6010B	Calcium, Dissolved	Primary Result	160	mg/L		J	V	MS recovery was poor	24492
HAR-19	11/4/2010	Primary Sample	6010B	Iron, Dissolved	Primary Result	0.038	mg/L	J	J	V	Compound was reported below the RL	24492
HAR-19	11/4/2010	Primary Sample	6010B	Potassium, Dissolved	Primary Result	4.6	mg/L	J	J	V	Compound was reported below the RL	24492
HAR-19	11/4/2010	Primary Sample	8015B	Gasoline Range Organics (C8-C11)	Primary Result	0.076	mg/L	U	R	V	MS/MSD recovery was poor or RPD was high	24492
HAR-19	11/4/2010	Primary Sample	8015B	Diesel Range Organics (C8-C30)	Primary Result	0.14	mg/L	J	J	V	Compound was reported below the RL	24492
HAR-19	11/4/2010	Primary Sample	8260B	1,1-Dichloroethene	Primary Result	0.44	µg/L	J	J	V	Compound was reported below the RL	24492
HAR-19	11/4/2010	Primary Sample	8015B	Kerosene Range (C15-C20)	Primary Result	0.058	mg/L	J	J	V	Compound was reported below the RL	24492
HAR-19	11/4/2010	Primary Sample	8015B	Diesel Range Organics (C21-C30)	Primary Result	0.063	mg/L	J	J	V	Compound was reported below the RL	24492
HAR-19	11/4/2010	Primary Sample	8260B	cis-1,2-Dichloroethene	Primary Result	160	µg/L		J	V	MS/MSD recovery was poor or RPD was high	24492
HAR-19	11/4/2010	Primary Sample	8260B	trans-1,2-Dichloroethene	Primary Result	170	µg/L		J	V	MS/MSD recovery was poor or RPD was high	24492
HAR-19	11/4/2010	Primary Sample	8270C	bis(2-Ethylhexyl) phthalate	Primary Result	83	µg/L		J	V	MS/MSD recovery was poor or RPD was high	24492
HAR-19	11/4/2010	Primary Sample	300.0	Fluoride	Primary Result	0.13	mg/L	J	J	V	Compound was reported below the RL	24492
HAR-19	11/4/2010	Primary Sample	8315A	Formaldehyde	Primary Result	50	µg/L	JB	U	V	Presumed contamination as indicated by the preparation (method) blank results.	24492
HAR-20	10/21/2010	Primary Sample	350.1	Ammonia-N	Primary Result	0.071	mg/L	J	J	V	Compound was reported below the RL	24489
HAR-20	10/21/2010	Primary Sample	8315A	Formaldehyde	Primary Result	50	µg/L	JB	U	V	Presumed contamination as indicated by the preparation (method) blank results.	24489

HAR-20	10/21/2010	Primary Sample	300.0	Fluoride	Primary Result	0.21	mg/L	J	J	V	Compound was reported below the RL	24489
HAR-21	10/29/2010	Primary Sample	350.1	Ammonia-N	Primary Result	0.068	mg/L	J	J	V	Compound was reported below the RL	24489
HAR-21	10/29/2010	Primary Sample	8015B	Kerosene Range (C15-C20)	Primary Result	0.035	mg/L	J	J	V	Compound was reported below the RL	24489
HAR-21	10/29/2010	Primary Sample	8260B	o-Xylene	Primary Result	0.59	µg/L	J	J	V	Compound was reported below the RL	24489
HAR-21	10/29/2010	Primary Sample	8015B	Diesel Range Organics (C8-C30)	Primary Result	0.097	mg/L	J	J	V	Compound was reported below the RL	24489
HAR-21	10/29/2010	Primary Sample	8260B	Ethylbenzene	Primary Result	0.37	µg/L	J	J	V	Compound was reported below the RL	24489
HAR-21	10/29/2010	Primary Sample	8260B	m-Xylene & p-Xylene	Primary Result	1.7	µg/L	J	J	V	Compound was reported below the RL	24489
HAR-21	10/29/2010	Primary Sample	300.0	Fluoride	Primary Result	0.41	mg/L	J	J	V	Compound was reported below the RL	24489
HAR-21	10/29/2010	Primary Sample	8315A	Formaldehyde	Primary Result	50	µg/L	JB	U	V	Presumed contamination as indicated by the preparation (method) blank results.	24489
HAR-23	10/28/2010	Primary Sample	300.0	Fluoride	Primary Result	0.44	mg/L	J	J	V	Compound was reported below the RL	24489
HAR-23	10/28/2010	Primary Sample	8260B	cis-1,2-Dichloroethene	Primary Result	0.16	µg/L	J	J	V	Compound was reported below the RL	24489
HAR-23	10/28/2010	Primary Sample	8315A	Formaldehyde	Primary Result	50	µg/L	JB	U	V	Presumed contamination as indicated by the preparation (method) blank results.	24489
HAR-25	10/28/2010	Primary Sample	350.1	Ammonia-N	Primary Result	0.082	mg/L	J	J	V	Compound was reported below the RL	24489
HAR-25	10/28/2010	Primary Sample	8260B	1,1,1-Trichloroethane	Primary Result	0.16	µg/L	U	UJ	V	Surrogate recovery was outside QC limits.	24489
HAR-25	10/28/2010	Primary Sample	8260B	1,1,2-Trichloro-1,2,2-trifluoroethane	Primary Result	0.42	µg/L	U	UJ	V	Surrogate recovery was outside QC limits.	24489
HAR-25	10/28/2010	Primary Sample	8260B	1,1,2-Trichloroethane	Primary Result	0.27	µg/L	U	UJ	V	Surrogate recovery was outside QC limits.	24489
HAR-25	10/28/2010	Primary Sample	8260B	1,1-Dichloroethane	Primary Result	0.22	µg/L	U	UJ	V	Surrogate recovery was outside QC limits.	24489
HAR-25	10/28/2010	Primary Sample	8260B	Acetone	Primary Result	1.9	µg/L	U	UJ	V	Surrogate recovery was outside QC limits.	24489
HAR-25	10/28/2010	Primary Sample	8260B	Benzene	Primary Result	0.16	µg/L	U	UJ	V	Surrogate recovery was outside QC limits.	24489
HAR-25	10/28/2010	Primary Sample	8260B	Ethylbenzene	Primary Result	0.16	µg/L	U	UJ	V	Surrogate recovery was outside QC limits.	24489
HAR-25	10/28/2010	Primary Sample	8260B	Isopropanol	Primary Result	13	µg/L	U	UJ	V	Surrogate recovery was outside QC limits.	24489
HAR-25	10/28/2010	Primary Sample	8260B	o-Xylene	Primary Result	0.19	µg/L	U	UJ	V	Surrogate recovery was outside QC limits.	24489
HAR-25	10/28/2010	Primary Sample	8260B	Tetrachloroethene	Primary Result	1.1	µg/L		J	V	Surrogate recovery was outside QC limits.	24489
HAR-25	10/28/2010	Primary Sample	8260B	Toluene	Primary Result	0.17	µg/L	U	UJ	V	Surrogate recovery was outside QC limits.	24489
HAR-25	10/28/2010	Primary Sample	8260B	Trichlorofluoromethane	Primary Result	10	µg/L		J	V	Surrogate recovery was outside QC limits.	24489
HAR-25	10/28/2010	Primary Sample	8260B	Vinyl chloride	Primary Result	0.4	µg/L	U	UJ	V	Surrogate recovery was outside QC limits.	24489
HAR-25	10/28/2010	Primary Sample	8260B	1,1-Dichloroethene	Primary Result	0.23	µg/L	U	UJ	V	Surrogate recovery was outside QC limits.	24489
HAR-25	10/28/2010	Primary Sample	8260B	1,2-Dichloroethane	Primary Result	0.13	µg/L	U	UJ	V	Surrogate recovery was outside QC limits.	24489
HAR-25	10/28/2010	Primary Sample	8260B	Carbon Tetrachloride	Primary Result	0.19	µg/L	U	UJ	V	Surrogate recovery was outside QC limits.	24489
HAR-25	10/28/2010	Primary Sample	8260B	Chloroform	Primary Result	0.16	µg/L	J	J	V	Surrogate recovery was outside QC limits.	24489
HAR-25	10/28/2010	Primary Sample	8260B	cis-1,2-Dichloroethene	Primary Result	0.15	µg/L	U	UJ	V	Surrogate recovery was outside QC limits.	24489

HAR-25	10/28/2010	Primary Sample	8260B	m-Xylene & p-Xylene	Primary Result	0.34	µg/L	U	UJ	V	Surrogate recovery was outside QC limits.	24489
HAR-25	10/28/2010	Primary Sample	8260B	Methyl ethyl ketone	Primary Result	2	µg/L	U	UJ	V	Surrogate recovery was outside QC limits.	24489
HAR-25	10/28/2010	Primary Sample	8260B	Methylene chloride	Primary Result	0.32	µg/L	U	UJ	V	Surrogate recovery was outside QC limits.	24489
HAR-25	10/28/2010	Primary Sample	8260B	trans-1,2-Dichloroethene	Primary Result	0.15	µg/L	U	UJ	V	Surrogate recovery was outside QC limits.	24489
HAR-25	10/28/2010	Primary Sample	8260B	Trichloroethene	Primary Result	8.7	µg/L		J	V	Surrogate recovery was outside QC limits.	24489
HAR-25	10/28/2010	Primary Sample	8315A	Formaldehyde	Primary Result	50	µg/L	JB	U	V	Presumed contamination as indicated by the preparation (method) blank results.	24489
PZ-139	10/26/2010	Field Duplicate	6010B	Vanadium, Dissolved	Primary Result	0.0015	mg/L	J	J	V	Compound was reported below the RL	24489
PZ-139	10/26/2010	Field Duplicate	6020	Antimony, Dissolved	Primary Result	0.0001	mg/L	J	J	V	Compound was reported below the RL	24489
PZ-139	10/26/2010	Field Duplicate	6020	Arsenic, Dissolved	Primary Result	0.0013	mg/L	J	J	V	Compound was reported below the RL	24489
PZ-139	10/26/2010	Field Duplicate	6020	Copper, Dissolved	Primary Result	0.0012	mg/L	J	J	V	Compound was reported below the RL	24489
PZ-139	10/26/2010	Field Duplicate	6020	Zinc, Dissolved	Primary Result	0.0034	mg/L	J	J	V	Compound was reported below the RL	24489
PZ-139	10/26/2010	Field Duplicate	6020	Cadmium, Dissolved	Primary Result	0.0001	mg/L	J	J	V	Compound was reported below the RL	24489
PZ-139	10/26/2010	Field Duplicate	6020	Selenium, Dissolved	Primary Result	0.00095	mg/L	J	J	V	Compound was reported below the RL	24489
PZ-139	10/26/2010	Field Duplicate	8260B	1,1-Dichloroethene	Primary Result	0.77	µg/L	J	J	V	Compound was reported below the RL	24489
PZ-139	10/26/2010	Field Duplicate	8260B	trans-1,2-Dichloroethene	Primary Result	0.49	µg/L	J	J	V	Compound was reported below the RL	24489
PZ-139	10/26/2010	Field Duplicate	8270C	bis(2-Ethylhexyl) phthalate	Primary Result	10	µg/L	JB	U	V	Presumed contamination from preparation (method) and field blank or equipment rinse blank	24489
PZ-139	10/26/2010	Field Duplicate	8290	1,2,3,4,6,7,8-Heptachlorodibenzofuran	Primary Result	0.66	pg/L	JBQC	U	V	Presumed contamination from preparation (method) and field blank or equipment rinse blank	24489
PZ-139	10/26/2010	Field Duplicate	8290	1,2,3,4,7,8,9-Heptachlorodibenzofuran	Primary Result	0.97	pg/L	BJ	U	V	Presumed contamination as indicated by the preparation (method) blank results.	24489
PZ-139	10/26/2010	Field Duplicate	8290	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	Primary Result	0.49	pg/L	JQC	U	V	Presumed contamination from field blank or equipment rinse blank	24489
PZ-139	10/26/2010	Field Duplicate	8290	Octachlorodibenzo-p-dioxin	Primary Result	6.1	pg/L	BJ	U	V	Presumed contamination from preparation (method) and field blank or equipment rinse blank	24489
PZ-139	10/26/2010	Field Duplicate	8290	Octachlorodibenzofuran	Primary Result	3.4	pg/L	BJ	U	V	Presumed contamination from preparation (method) and field blank or equipment rinse blank	24489
PZ-139	10/26/2010	Primary Sample	6020	Arsenic, Dissolved	Primary Result	0.0013	mg/L	J	J	V	Compound was reported below the RL	24489
PZ-139	10/26/2010	Primary Sample	6020	Beryllium, Dissolved	Primary Result	0.0001	mg/L	J	J	V	Compound was reported below the RL	24489
PZ-139	10/26/2010	Primary Sample	6020	Antimony, Dissolved	Primary Result	0.00012	mg/L	J	J	V	Compound was reported below the RL	24489
PZ-139	10/26/2010	Primary Sample	6020	Cadmium, Dissolved	Primary Result	0.000072	mg/L	J	J	V	Compound was reported below the RL	24489
PZ-139	10/26/2010	Primary Sample	6020	Copper, Dissolved	Primary Result	0.00092	mg/L	J	J	V	Compound was reported below the RL	24489
PZ-139	10/26/2010	Primary Sample	6020	Silver, Dissolved	Primary Result	0.000015	mg/L	J	J	V	Compound was reported below the RL	24489
PZ-139	10/26/2010	Primary Sample	6020	Thallium, Dissolved	Primary Result	0.000035	mg/L	J	J	V	Compound was reported below the RL	24489
PZ-139	10/26/2010	Primary Sample	6020	Zinc, Dissolved	Primary Result	0.0033	mg/L	J	J	V	Compound was reported below the RL	24489

PZ-139	10/26/2010	Primary Sample	6020	Lead, Dissolved	Primary Result	0.00025	mg/L	J	U	V	Presumed contamination from field blank or equipment rinse blank	24489
PZ-139	10/26/2010	Primary Sample	6020	Selenium, Dissolved	Primary Result	0.00071	mg/L	J	J	V	Compound was reported below the RL	24489
PZ-139	10/26/2010	Primary Sample	8260B	1,1-Dichloroethene	Primary Result	0.78	µg/L	J	J	V	MS/MSD recovery was poor or RPD was high	24489
PZ-139	10/26/2010	Primary Sample	8260B	Acetone	Primary Result	2.2	µg/L	J	J	V	Compound was reported below the RL	24489
PZ-139	10/26/2010	Primary Sample	8260B	Trichloroethene	Primary Result	230	µg/L		J	V	Surrogate recovery was outside QC limits.	24489
PZ-139	10/26/2010	Primary Sample	8260B	trans-1,2-Dichloroethene	Primary Result	0.51	µg/L	J	J	V	MS/MSD recovery was poor or RPD was high	24489
PZ-139	10/26/2010	Primary Sample	8260B	trans-1,3-Dichloropropene	Primary Result	0.19	µg/L	U	UJ	V	MS/MSD recovery was poor or RPD was high	24489
PZ-139	10/26/2010	Primary Sample	8270C	bis(2-Ethylhexyl) phthalate	Primary Result	10	µg/L	JB	U	V	Presumed contamination from preparation (method) and field blank or equipment rinse blank	24489
PZ-139	10/26/2010	Primary Sample	8290	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	Primary Result	0.55	pg/L	JBQC	U	V	Presumed contamination as indicated by the preparation (method) blank results.	24489
PZ-139	10/26/2010	Primary Sample	8290	1,2,3,4,6,7,8-Heptachlorodibenzofuran	Primary Result	0.75	pg/L	JBQC	U	V	Presumed contamination from preparation (method) and field blank or equipment rinse blank	24489
PZ-139	10/26/2010	Primary Sample	8290	1,2,3,7,8,9-Hexachlorodibenzofuran	Primary Result	0.66	pg/L	JBQC	U	V	Presumed contamination from preparation (method) and field blank or equipment rinse blank	24489
PZ-139	10/26/2010	Primary Sample	8290	Octachlorodibenzo-p-dioxin	Primary Result	4.8	pg/L	JBQC	U	V	Presumed contamination from preparation (method) and field blank or equipment rinse blank	24489
PZ-139	10/26/2010	Primary Sample	8290	Octachlorodibenzofuran	Primary Result	4.2	pg/L	JBQC	U	V	Presumed contamination from preparation (method) and field blank or equipment rinse blank	24489
PZ-139	10/26/2010	Field Duplicate	300.0	Bromide	Primary Result	0.31	mg/L	J	J	V	Compound was reported below the RL	24489
PZ-139	10/26/2010	Field Duplicate	7196A	Hexavalent Chromium	Primary Result	0.004	mg/L	U	UJ	V	Holding time was exceeded	24489
PZ-139	10/26/2010	Field Duplicate	7196A	Hexavalent Chromium, Dissolved	Primary Result	0.004	mg/L	U	UJ	V	Holding time was exceeded	24489
PZ-139	10/26/2010	Field Duplicate	8315A	Formaldehyde	Primary Result	50	µg/L	JB	U	V	Presumed contamination from preparation (method) and field blank or equipment rinse blank	24489
PZ-139	10/26/2010	Primary Sample	300.0	Bromide	Primary Result	0.31	mg/L	J	J	V	Compound was reported below the RL	24489
PZ-139	10/26/2010	Primary Sample	7196A	Hexavalent Chromium	Primary Result	0.004	mg/L	U	UJ	V	Holding time was exceeded	24489
PZ-139	10/26/2010	Primary Sample	7196A	Hexavalent Chromium, Dissolved	Primary Result	0.004	mg/L	U	UJ	V	Holding time was exceeded	24489
PZ-139	10/26/2010	Primary Sample	8315A	Formaldehyde	Primary Result	50	µg/L	JB	U	V	Presumed contamination from preparation (method) and field blank or equipment rinse blank	24489
PZ-140	10/20/2010	Primary Sample	300.0	Bromide	Primary Result	0.35	mg/L	J	J	V	Compound was reported below the RL	24489
PZ-140	10/20/2010	Primary Sample	300.0	Fluoride	Primary Result	0.37	mg/L	J	J	V	Compound was reported below the RL	24489
PZ-140	10/20/2010	Primary Sample	6010B	Molybdenum, Dissolved	Primary Result	0.0072	mg/L	J	U	V	Presumed contamination from field blank or equipment rinse blank	24489
PZ-140	10/20/2010	Primary Sample	6010B	Vanadium, Dissolved	Primary Result	0.0014	mg/L	J	J	V	Compound was reported below the RL	24489
PZ-140	10/20/2010	Primary Sample	6020	Arsenic, Dissolved	Primary Result	0.00062	mg/L	J	J	V	Compound was reported below the RL	24489
PZ-140	10/20/2010	Primary Sample	6020	Copper, Dissolved	Primary Result	0.0015	mg/L	JB	U	V	Presumed contamination as indicated by the preparation (method) blank results.	24489
PZ-140	10/20/2010	Primary Sample	8015B	Diesel Range Organics (C12-C14)	Primary Result	0.068	mg/L	J	J	V	Compound was reported below the RL	24489
PZ-140	10/20/2010	Primary Sample	8015B	Diesel Range Organics (C8-C30)	Primary Result	0.079	mg/L	J	J	V	Compound was reported below the RL	24489

PZ-140	10/20/2010	Primary Sample	8082	Aroclor 1260	Primary Result	0.16	µg/L	U	UJ	V	MS/MSD recovery was poor or RPD was high	24489
PZ-140	10/20/2010	Primary Sample	6020	Cadmium, Dissolved	Primary Result	0.000045	mg/L	J	J	V	Compound was reported below the RL	24489
PZ-140	10/20/2010	Primary Sample	6020	Selenium, Dissolved	Primary Result	0.00091	mg/L	JB	U	V	Presumed contamination as indicated by the preparation (method) blank results.	24489
PZ-140	10/20/2010	Primary Sample	6020	Silver, Dissolved	Primary Result	0.000015	mg/L	U	UJ	V	MS recovery was poor	24489
PZ-140	10/20/2010	Primary Sample	6020	Thallium, Dissolved	Primary Result	0.000061	mg/L	J	J	V	Compound was reported below the RL	24489
PZ-140	10/20/2010	Primary Sample	8015B	Gasoline Range Organics (C8-C11)	Primary Result	0.078	mg/L	U	R	V	MS/MSD recovery was poor or RPD was high	24489
PZ-140	10/20/2010	Primary Sample	8260B	Acetone	Primary Result	10	µg/L	J	UJ	V	Presumed contamination as indicated by trip blank and field blank or equipment blank results; MS/MSD recovery was poor or RPD was high	24489
PZ-140	10/20/2010	Primary Sample	8260B	Dibromochloromethane	Primary Result	0.17	µg/L	U	UJ	V	MS/MSD recovery was poor or RPD was high	24489
PZ-140	10/20/2010	Primary Sample	8260B	Methylene chloride	Primary Result	0.32	µg/L	U	UJ	V	MS/MSD recovery was poor or RPD was high	24489
PZ-140	10/20/2010	Primary Sample	8260B	Trichloroethene	Primary Result	110	µg/L		J	V	Surrogate recovery was outside QC limits.	24489
PZ-140	10/20/2010	Primary Sample	8270C	Diethyl phthalate	Primary Result	0.71	µg/L	J	J	V	Compound was reported below the RL	24489
PZ-140	10/20/2010	Primary Sample	8290	Octachlorodibenzofuran	Primary Result	1.5	pg/L	U	UJ	V	MS/MSD recovery was poor or RPD was high	24489
PZ-140	10/20/2010	Primary Sample	7196A	Hexavalent Chromium	Primary Result	0.004	mg/L	U	UJ	V	Holding time was exceeded	24489
PZ-140	10/21/2010	Primary Sample	8315A	Formaldehyde	Primary Result	50	µg/L	JB	U	V	Presumed contamination from preparation (method) and field blank or equipment rinse blank	24489
PZ-141	10/14/2010	Primary Sample	6010B	Iron, Dissolved	Primary Result	0.07	mg/L	J	J	V	Compound was reported below the RL	24332
PZ-141	10/14/2010	Primary Sample	6010B	Molybdenum, Dissolved	Primary Result	0.009	mg/L	J	J	V	Compound was reported below the RL	24332
PZ-141	10/14/2010	Primary Sample	6010B	Vanadium, Dissolved	Primary Result	0.0023	mg/L	J	J	V	Compound was reported below the RL	24332
PZ-141	10/14/2010	Primary Sample	6020	Cadmium, Dissolved	Primary Result	0.00004	mg/L	J	J	V	Compound was reported below the RL	24332
PZ-141	10/14/2010	Primary Sample	6020	Selenium, Dissolved	Primary Result	0.0019	mg/L	J	J	V	Compound was reported below the RL	24332
PZ-141	10/14/2010	Primary Sample	6020	Silver, Dissolved	Primary Result	0.000018	mg/L	J	J	V	MS recovery was poor	24332
PZ-141	10/14/2010	Primary Sample	6020	Thallium, Dissolved	Primary Result	0.000047	mg/L	J	J	V	Compound was reported below the RL	24332
PZ-141	10/14/2010	Primary Sample	6020	Antimony, Dissolved	Primary Result	0.0006	mg/L	J	J	V	Compound was reported below the RL	24332
PZ-141	10/14/2010	Primary Sample	6020	Arsenic, Dissolved	Primary Result	0.0049	mg/L	J	J	V	Compound was reported below the RL	24332
PZ-141	10/14/2010	Primary Sample	6020	Zinc, Dissolved	Primary Result	0.0028	mg/L	J	J	V	Compound was reported below the RL	24332
PZ-141	10/14/2010	Primary Sample	7470A	Mercury, Dissolved	Primary Result	0.00005	mg/L	JB	U	V	Presumed contamination from preparation (method) and field blank or equipment rinse blank	24332
PZ-141	10/14/2010	Primary Sample	8015B	Diesel Range Organics (C12-C14)	Primary Result	0.084	mg/L	J	J	V	Compound was reported below the RL	24332
PZ-141	10/14/2010	Primary Sample	8015B	Diesel Range Organics (C8-C30)	Primary Result	0.091	mg/L	J	J	V	Compound was reported below the RL	24332
PZ-141	10/14/2010	Primary Sample	8260B	Methyl isobutyl ketone (MIBK)	Primary Result	4.3	µg/L	J	J	V	Compound was reported below the RL	24332
PZ-141	10/14/2010	Primary Sample	8260B	Benzene	Primary Result	0.2	µg/L	J	J	V	Compound was reported below the RL	24332
PZ-141	10/14/2010	Primary Sample	8270C	bis(2-Ethylhexyl) phthalate	Primary Result	10	µg/L	J	U	V	Presumed contamination from field blank or equipment rinse blank	24332

PZ-141	10/14/2010	Primary Sample	8270C	Di-n-octyl phthalate	Primary Result	2.4	µg/L	J	J	V	Compound was reported below the RL	24332
PZ-141	10/14/2010	Primary Sample	8290	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	Primary Result	0.57	pg/L	JQC	J	V	Compound was reported below the RL	24489
PZ-141	10/14/2010	Primary Sample	8290	Octachlorodibenzo-p-dioxin	Primary Result	3.6	pg/L	JBQC	U	V	Presumed contamination from preparation (method) and field blank or equipment rinse blank	24489
PZ-141	10/14/2010	Primary Sample	8290	Octachlorodibenzofuran	Primary Result	0.96	pg/L	JBQC	U	V	Presumed contamination from preparation (method) and field blank or equipment rinse blank	24489
PZ-141	10/14/2010	Primary Sample	300.0	Bromide	Primary Result	0.17	mg/L	J	J	V	Compound was reported below the RL	24332
PZ-141	10/14/2010	Primary Sample	300.0	Fluoride	Primary Result	0.36	mg/L	J	J	V	Compound was reported below the RL	24332
PZ-141	10/14/2010	Primary Sample	7196A	Hexavalent Chromium	Primary Result	0.004	mg/L	U	UJ	V	Holding time was exceeded	24332
PZ-141	10/14/2010	Primary Sample	8315A	Formaldehyde	Primary Result	50	µg/L	JB	U	V	Presumed contamination from preparation (method) and field blank or equipment rinse blank	24332
PZ-155	10/21/2010	Primary Sample	8015B	Diesel Range Organics (C12-C14)	Primary Result	0.14	mg/L	J	J	V	Compound was reported below the RL	24489
PZ-155	10/21/2010	Primary Sample	8260B	Acetone	Primary Result	10	µg/L	JB	U	V	Presumed contamination from field blank or equipment rinse blank	24489
PZ-155	10/21/2010	Primary Sample	8260B	trans-1,2-Dichloroethene	Primary Result	0.19	µg/L	J	J	V	Compound was reported below the RL	24489
PZ-155	10/21/2010	Primary Sample	8270C	Diethyl phthalate	Primary Result	1.3	µg/L	J	J	V	Compound was reported below the RL	24489
PZ-158	11/3/2010	Primary Sample	6010B	Vanadium, Dissolved	Primary Result	0.0022	mg/L	J	J	V	Compound was reported below the RL	24492
PZ-158	11/3/2010	Primary Sample	6020	Antimony, Dissolved	Primary Result	0.0026	mg/L	J	J	V	Compound was reported below the RL	24492
PZ-158	11/3/2010	Primary Sample	6010B	Cobalt, Dissolved	Primary Result	0.002	mg/L	J	J	V	Compound was reported below the RL	24492
PZ-158	11/3/2010	Primary Sample	6010B	Iron, Dissolved	Primary Result	0.026	mg/L	J	J	V	Compound was reported below the RL	24492
PZ-158	11/3/2010	Primary Sample	6020	Arsenic, Dissolved	Primary Result	0.0032	mg/L	J	J	V	Compound was reported below the RL	24492
PZ-158	11/3/2010	Primary Sample	6020	Selenium, Dissolved	Primary Result	0.00084	mg/L	JB	U	V	Presumed contamination as indicated by the preparation (method) blank results.	24492
PZ-158	11/3/2010	Primary Sample	8015B	Diesel Range Organics (C12-C14)	Primary Result	0.08	mg/L	J	J	V	Compound was reported below the RL	24492
PZ-158	11/3/2010	Primary Sample	6020	Cadmium, Dissolved	Primary Result	0.00012	mg/L	J	J	V	Compound was reported below the RL	24492
PZ-158	11/3/2010	Primary Sample	6020	Silver, Dissolved	Primary Result	0.000052	mg/L	J	J	V	Compound was reported below the RL	24492
PZ-158	11/3/2010	Primary Sample	6020	Thallium, Dissolved	Primary Result	0.000047	mg/L	J	U	V	Presumed contamination from field blank or equipment rinse blank	24492
PZ-158	11/3/2010	Primary Sample	6020	Zinc, Dissolved	Primary Result	0.017	mg/L	J	J	V	Compound was reported below the RL	24492
PZ-158	11/3/2010	Primary Sample	8015B	Diesel Range Organics (C8-C30)	Primary Result	0.12	mg/L	J	J	V	Compound was reported below the RL	24492
PZ-158	11/3/2010	Primary Sample	8260B	Tetrachloroethene	Primary Result	0.34	µg/L	J	J	V	Compound was reported below the RL	24492
PZ-158	11/3/2010	Primary Sample	8290	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	Primary Result	0.75	pg/L	JBQC	U	V	Presumed contamination from preparation (method) and field blank or equipment rinse blank	24492
PZ-158	11/3/2010	Primary Sample	8290	1,2,3,4,6,7,8-Heptachlorodibenzofuran	Primary Result	0.64	pg/L	BJ	U	V	Presumed contamination from preparation (method) and field blank or equipment rinse blank	24492
PZ-158	11/3/2010	Primary Sample	8290	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	Primary Result	0.31	pg/L	JBQC	U	V	Presumed contamination from preparation (method) and field blank or equipment rinse blank	24492

PZ-158	11/3/2010	Primary Sample	8290	1,2,3,4,7,8,9-Heptachlorodibenzofuran	Primary Result	0.39	pg/L	JBQC	U	V	Presumed contamination from preparation (method) and field blank or equipment rinse blank	24492
PZ-158	11/3/2010	Primary Sample	8290	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	Primary Result	0.23	pg/L	BJ	U	V	Presumed contamination from preparation (method) and field blank or equipment rinse blank	24492
PZ-158	11/3/2010	Primary Sample	8290	1,2,3,7,8-Pentachlorodibenzofuran	Primary Result	0.18	pg/L	JBQC	U	V	Presumed contamination from preparation (method) and field blank or equipment rinse blank	24492
PZ-158	11/3/2010	Primary Sample	8290	2,3,4,6,7,8-Hexachlorodibenzofuran	Primary Result	0.21	pg/L	JBQC	U	V	Presumed contamination from preparation (method) and field blank or equipment rinse blank	24492
PZ-158	11/3/2010	Primary Sample	8290	Octachlorodibenzo-p-dioxin	Primary Result	4	pg/L	BJ	U	V	Presumed contamination from preparation (method) and field blank or equipment rinse blank	24492
PZ-158	11/3/2010	Primary Sample	8290	Octachlorodibenzofuran	Primary Result	1.2	pg/L	BJ	U	V	Presumed contamination from preparation (method) and field blank or equipment rinse blank	24492
PZ-158	11/3/2010	Primary Sample	300.0	Fluoride	Primary Result	0.44	mg/L	J	U	V	Presumed contamination from field blank or equipment rinse blank	24492
PZ-158	11/3/2010	Primary Sample	8315A	Formaldehyde	Primary Result	50	µg/L	JB	U	V	Presumed contamination from preparation (method) and field blank or equipment rinse blank	24492
RD-03	10/18/2010	Primary Sample	350.1	Ammonia-N	Primary Result	0.39	mg/L	J	J	V	Compound was reported below the RL	24489
RD-03	10/18/2010	Primary Sample	300.0	Fluoride	Primary Result	0.39	mg/L	J	J	V	Compound was reported below the RL	24489
RD-03	10/18/2010	Primary Sample	8315A	Formaldehyde	Primary Result	50	µg/L	JB	U	V	Presumed contamination as indicated by the preparation (method) blank results.	24489
RD-05A	10/29/2010	Primary Sample	8260B	1,1,1-Trichloroethane	Primary Result	0.16	µg/L	U	UJ	V	Surrogate recovery was outside QC limits.	24489
RD-05A	10/29/2010	Primary Sample	8260B	1,1-Dichloroethene	Primary Result	0.23	µg/L	U	UJ	V	Surrogate recovery was outside QC limits.	24489
RD-05A	10/29/2010	Primary Sample	8260B	1,2-Dichloroethane	Primary Result	0.13	µg/L	U	UJ	V	Surrogate recovery was outside QC limits.	24489
RD-05A	10/29/2010	Primary Sample	8260B	Carbon Tetrachloride	Primary Result	0.19	µg/L	U	UJ	V	Surrogate recovery was outside QC limits.	24489
RD-05A	10/29/2010	Primary Sample	8260B	Chloroform	Primary Result	0.16	µg/L	U	UJ	V	Surrogate recovery was outside QC limits.	24489
RD-05A	10/29/2010	Primary Sample	8260B	cis-1,2-Dichloroethene	Primary Result	0.15	µg/L	U	UJ	V	Surrogate recovery was outside QC limits.	24489
RD-05A	10/29/2010	Primary Sample	8260B	Methyl ethyl ketone	Primary Result	2	µg/L	U	UJ	V	Surrogate recovery was outside QC limits.	24489
RD-05A	10/29/2010	Primary Sample	8260B	Methylene chloride	Primary Result	0.32	µg/L	U	UJ	V	Surrogate recovery was outside QC limits.	24489
RD-05A	10/29/2010	Primary Sample	8260B	o-Xylene	Primary Result	0.19	µg/L	U	UJ	V	Surrogate recovery was outside QC limits.	24489
RD-05A	10/29/2010	Primary Sample	8260B	1,1,2-Trichloro-1,2,2-trifluoroethane	Primary Result	0.42	µg/L	U	UJ	V	Surrogate recovery was outside QC limits.	24489
RD-05A	10/29/2010	Primary Sample	8260B	1,1,2-Trichloroethane	Primary Result	0.27	µg/L	U	UJ	V	Surrogate recovery was outside QC limits.	24489
RD-05A	10/29/2010	Primary Sample	8260B	1,1-Dichloroethane	Primary Result	0.22	µg/L	U	UJ	V	Surrogate recovery was outside QC limits.	24489
RD-05A	10/29/2010	Primary Sample	8260B	Acetone	Primary Result	1.9	µg/L	U	UJ	V	Surrogate recovery was outside QC limits.	24489
RD-05A	10/29/2010	Primary Sample	8260B	Benzene	Primary Result	0.16	µg/L	U	UJ	V	Surrogate recovery was outside QC limits.	24489
RD-05A	10/29/2010	Primary Sample	8260B	Ethylbenzene	Primary Result	0.16	µg/L	U	UJ	V	Surrogate recovery was outside QC limits.	24489
RD-05A	10/29/2010	Primary Sample	8260B	m-Xylene & p-Xylene	Primary Result	0.34	µg/L	U	UJ	V	Surrogate recovery was outside QC limits.	24489
RD-05A	10/29/2010	Primary Sample	8260B	Tetrachloroethene	Primary Result	0.2	µg/L	U	UJ	V	Surrogate recovery was outside QC limits.	24489

RD-05A	10/29/2010	Primary Sample	8260B	Toluene	Primary Result	0.17	µg/L	U	UJ	V	Surrogate recovery was outside QC limits.	24489
RD-05A	10/29/2010	Primary Sample	8260B	Vinyl chloride	Primary Result	0.4	µg/L	U	UJ	V	Surrogate recovery was outside QC limits.	24489
RD-05A	10/29/2010	Primary Sample	8315A	Formaldehyde	Primary Result	50	µg/L	JB	U	V	Presumed contamination as indicated by the preparation (method) blank results.	24489
RD-05A	10/29/2010	Primary Sample	8260B	trans-1,2-Dichloroethene	Primary Result	0.15	µg/L	U	UJ	V	Surrogate recovery was outside QC limits.	24489
RD-05A	10/29/2010	Primary Sample	8260B	Trichloroethene	Primary Result	0.16	µg/L	U	UJ	V	Surrogate recovery was outside QC limits.	24489
RD-05A	10/29/2010	Primary Sample	8260B	Trichlorofluoromethane	Primary Result	0.29	µg/L	U	UJ	V	Surrogate recovery was outside QC limits.	24489
RD-05A	10/29/2010	Primary Sample	300.0	Fluoride	Primary Result	0.2	mg/L	J	J	V	Compound was reported below the RL	24489
RD-05B	10/29/2010	Primary Sample	350.1	Ammonia-N	Primary Result	0.11	mg/L	J	J	V	Compound was reported below the RL	24489
RD-05B	10/29/2010	Primary Sample	8260B	Ethylbenzene	Primary Result	0.16	µg/L	U	UJ	V	MS/MSD recovery was poor or RPD was high	24489
RD-05B	10/29/2010	Primary Sample	8260B	Methylene chloride	Primary Result	0.32	µg/L	U	UJ	V	MS/MSD recovery was poor or RPD was high	24489
RD-05B	10/29/2010	Primary Sample	300.0	Fluoride	Primary Result	0.077	mg/L	J	J	V	Compound was reported below the RL	24489
RD-05B	10/29/2010	Primary Sample	8315A	Formaldehyde	Primary Result	50	µg/L	JB	U	V	Presumed contamination as indicated by the preparation (method) blank results.	24489
RD-05C	10/29/2010	Primary Sample	350.1	Ammonia-N	Primary Result	0.18	mg/L	J	J	V	Compound was reported below the RL	24489
RD-05C	10/29/2010	Primary Sample	300.0	Fluoride	Primary Result	0.18	mg/L	J	J	V	Compound was reported below the RL	24489
RD-05C	10/29/2010	Primary Sample	8315A	Formaldehyde	Primary Result	50	µg/L	JB	U	V	Presumed contamination as indicated by the preparation (method) blank results.	24489
RD-06	10/27/2010	Primary Sample	350.1	Ammonia-N	Primary Result	0.077	mg/L	J	J	V	Compound was reported below the RL	24489
RD-06	10/27/2010	Primary Sample	8315A	Formaldehyde	Primary Result	50	µg/L	JB	U	V	Presumed contamination as indicated by the preparation (method) blank results.	24489
RD-08	10/19/2010	Primary Sample	300.0	Fluoride	Primary Result	0.28	mg/L	J	J	V	Compound was reported below the RL	24489
RD-08	10/19/2010	Primary Sample	350.1	Ammonia-N	Primary Result	0.082	mg/L	J	J	V	Compound was reported below the RL	24489
RD-08	10/19/2010	Primary Sample	8260B	1,2-Dichloroethane	Primary Result	16	µg/L		J	V	Surrogate recovery was outside QC limits.	24489
RD-08	10/19/2010	Primary Sample	8260B	1,1-Dichloroethane	Primary Result	2	µg/L		J	V	Surrogate recovery was outside QC limits.	24489
RD-08	10/19/2010	Primary Sample	8315A	Formaldehyde	Primary Result	50	µg/L	JB	U	V	Presumed contamination as indicated by the preparation (method) blank results.	24489
RD-11	10/20/2010	Primary Sample	350.1	Ammonia-N	Primary Result	0.15	mg/L	J	J	V	Compound was reported below the RL	24489
RD-11	10/20/2010	Primary Sample	8260B	Methylene chloride	Primary Result	5	µg/L	JB	U	V	Presumed contamination from preparation (method) and trip blank	24489
RD-11	10/20/2010	Primary Sample	8260B	Acetone	Primary Result	10	µg/L	J	U	V	Presumed contamination as indicated by the trip blank Results	24489
RD-11	10/20/2010	Primary Sample	8315A	Formaldehyde	Primary Result	50	µg/L	JB	U	V	Presumed contamination as indicated by the preparation (method) blank results.	24489
RD-11	10/20/2010	Primary Sample	9040B	pH	Primary Result	8.24	pH Units	HTV	J	V	Holding time was exceeded	24489
RD-12	10/19/2010	Primary Sample	350.1	Ammonia-N	Primary Result	0.11	mg/L	J	J	V	Compound was reported below the RL	24489
RD-12	10/19/2010	Primary Sample	8260B	cis-1,2-Dichloroethene	Primary Result	0.25	µg/L	J	J	V	Compound was reported below the RL	24489

RD-12	10/19/2010	Primary Sample	300.0	Fluoride	Primary Result	0.46	mg/L	J	J	V	Compound was reported below the RL	24489
RD-12	10/19/2010	Primary Sample	8260B	Acetone	Primary Result	10	µg/L	J	U	V	Presumed contamination as indicated by the trip blank Results	24489
RD-12	10/19/2010	Primary Sample	8315A	Formaldehyde	Primary Result	50	µg/L	JB	U	V	Presumed contamination as indicated by the preparation (method) blank results.	24489
RD-36B	10/14/2010	Primary Sample	300.0	Fluoride	Primary Result	0.11	mg/L	J	J	V	Compound was reported below the RL	24332
RD-36B	10/14/2010	Primary Sample	350.1	Ammonia-N	Primary Result	0.11	mg/L	J	J	V	Compound was reported below the RL	24332
RD-36B	10/14/2010	Primary Sample	8260B	Acetone	Primary Result	10	µg/L	JB	UJ	V	Presumed contamination from preparation (method) and trip blank	24332
RD-36B	10/14/2010	Primary Sample	8260B	Chloroform	Primary Result	0.37	µg/L	J	J	V	Compound was reported below the RL	24332
RD-36B	10/14/2010	Primary Sample	8260B	cis-1,2-Dichloroethene	Primary Result	0.27	µg/L	J	J	V	Compound was reported below the RL	24332
RD-36B	10/14/2010	Primary Sample	8315A	Formaldehyde	Primary Result	50	µg/L	JB	U	V	Presumed contamination as indicated by the preparation (method) blank results.	24332
RD-36C	10/22/2010	Primary Sample	8015B	Kerosene Range (C15-C20)	Primary Result	0.088	mg/L	J	J	V	Compound was reported below the RL	24489
RD-36C	10/22/2010	Primary Sample	350.1	Ammonia-N	Primary Result	0.064	mg/L	J	J	V	Compound was reported below the RL	24489
RD-36C	10/22/2010	Primary Sample	8015B	Diesel Range Organics (C8-C30)	Primary Result	0.11	mg/L	J	J	V	Compound was reported below the RL	24489
RD-36C	10/22/2010	Primary Sample	8260B	1,1-Dichloroethane	Primary Result	0.45	µg/L	J	J	V	Compound was reported below the RL	24489
RD-36C	10/22/2010	Primary Sample	8260B	Acetone	Primary Result	10	µg/L	JB	U	V	Presumed contamination as indicated by the preparation (method) and trip blank results	24489
RD-36C	10/22/2010	Primary Sample	8260B	Toluene	Primary Result	0.25	µg/L	J	J	V	Compound was reported below the RL	24489
RD-36C	10/22/2010	Primary Sample	8260B SIM	1,4-Dioxane	Primary Result	2	µg/L	J	J	V	Compound was reported below the RL	24489
RD-36C	10/22/2010	Primary Sample	300.0	Fluoride	Primary Result	0.08	mg/L	J	J	V	Compound was reported below the RL	24489
RD-36C	10/22/2010	Primary Sample	8270C	bis(2-Ethylhexyl) phthalate	Primary Result	2.4	µg/L	J	J	V	Compound was reported below the RL	24489
RD-36C	10/22/2010	Primary Sample	8270C	Dimethyl phthalate	Primary Result	0.67	µg/L	J	J	V	Compound was reported below the RL	24489
RD-36C	10/22/2010	Primary Sample	8315A	Formaldehyde	Primary Result	50	µg/L	JB	U	V	Presumed contamination as indicated by the preparation (method) blank results.	24489
RD-36D	10/14/2010	Primary Sample	300.0	Fluoride	Primary Result	0.066	mg/L	J	J	V	Compound was reported below the RL	24332
RD-36D	10/14/2010	Primary Sample	8260B	Acetone	Primary Result	10	µg/L	JB	U	V	Presumed contamination as indicated by the preparation (method) and trip blank results; Surrogate recovery was outside QC limits.	24332
RD-36D	10/14/2010	Primary Sample	350.1	Ammonia-N	Primary Result	0.092	mg/L	J	J	V	Compound was reported below the RL	24332
RD-36D	10/14/2010	Primary Sample	8260B	Toluene	Primary Result	0.41	µg/L	J	J	V	Surrogate recovery was outside QC limits.	24332
RD-36D	10/14/2010	Primary Sample	8270C	bis(2-Ethylhexyl) phthalate	Primary Result	2.2	µg/L	J	J	V	Compound was reported below the RL	24332
RD-36D	10/14/2010	Primary Sample	8315A	Formaldehyde	Primary Result	50	µg/L	JB	U	V	Presumed contamination as indicated by the preparation (method) blank results.	24332
RD-37	10/15/2010	Primary Sample	350.1	Ammonia-N	Primary Result	0.068	mg/L	J	J	V	Compound was reported below the RL	24489

RD-37	10/15/2010	Primary Sample	8260B	cis-1,2-Dichloroethene	Primary Result	0.27	µg/L	J	J	V	Compound was reported below the RL	24489
RD-37	10/15/2010	Primary Sample	8260B	Acetone	Primary Result	3.7	µg/L	JB	J	V	Compound was reported below the RL	24489
RD-37	10/15/2010	Primary Sample	8315	Formaldehyde	Primary Result	50	µg/L	J B	U	V	Presumed contamination as indicated by the preparation (method) blank results.	24489
RD-37	10/15/2010	Primary Sample	9040B	pH	Primary Result	7.06	pH Units	HTV	J	V	Holding time was exceeded	24489
RD-38B	10/25/2010	Primary Sample	350.1	Ammonia-N	Primary Result	0.055	mg/L	J	J	V	Compound was reported below the RL	24489
RD-38B	10/25/2010	Primary Sample	8015B	Diesel Range Organics (C12-C14)	Primary Result	0.034	mg/L	J	J	V	Compound was reported below the RL	24489
RD-38B	10/25/2010	Primary Sample	300.0	Fluoride	Primary Result	0.34	mg/L	J	J	V	Compound was reported below the RL	24489
RD-38B	10/25/2010	Primary Sample	8315A	Formaldehyde	Primary Result	50	µg/L	JB	U	V	Presumed contamination as indicated by the preparation (method) blank results.	24489
RD-39B	10/14/2010	Field Duplicate	350.1	Ammonia-N	Primary Result	0.077	mg/L	J	J	V	Compound was reported below the RL	24332
RD-39B	10/14/2010	Field Duplicate	300.0	Fluoride	Primary Result	0.099	mg/L	J	J	V	Compound was reported below the RL	24332
RD-39B	10/14/2010	Field Duplicate	8260B	Acetone	Primary Result	10	µg/L	JB	U	V	Presumed contamination from preparation (method) and trip blank	24332
RD-39B	10/14/2010	Field Duplicate	8315A	Formaldehyde	Primary Result	50	µg/L	JB	U	V	Presumed contamination as indicated by the preparation (method) blank results.	24332
RD-39B	10/14/2010	Primary Sample	300.0	Fluoride	Primary Result	0.095	mg/L	J	J	V	Compound was reported below the RL	24332
RD-39B	10/14/2010	Primary Sample	8260B	Acetone	Primary Result	10	µg/L	JB	U	V	Presumed contamination from preparation (method) and trip blank	24332
RD-39B	10/14/2010	Primary Sample	350.1	Ammonia-N	Primary Result	0.1	mg/L	J	J	V	Compound was reported below the RL	24332
RD-39B	10/14/2010	Primary Sample	8315A	Formaldehyde	Primary Result	50	µg/L	JB	U	V	Presumed contamination as indicated by the preparation (method) blank results.	24332
RD-41A	11/1/2010	Primary Sample	350.1	Ammonia-N	Primary Result	0.082	mg/L	J	J	V	Compound was reported below the RL	24489
RD-41A	11/1/2010	Primary Sample	6010B	Potassium	Primary Result	4.3	mg/L	J	J	V	Compound was reported below the RL	24489
RD-41A	11/1/2010	Primary Sample	6010B	Potassium, Dissolved	Primary Result	4.5	mg/L	JB	J	V	Compound was reported below the RL	24489
RD-41A	11/1/2010	Primary Sample	300.0	Fluoride	Primary Result	0.3	mg/L	J	J	V	Compound was reported below the RL	24489
RD-41A	11/1/2010	Primary Sample	8315A	Formaldehyde	Primary Result	50	µg/L	JB	U	V	Presumed contamination as indicated by the preparation (method) blank results.	24489
RD-43A	10/20/2010	Primary Sample	350.1	Ammonia-N	Primary Result	0.088	mg/L	J	J	V	Compound was reported below the RL	24489
RD-43A	10/20/2010	Primary Sample	8260B	Methylene chloride	Primary Result	5	µg/L	JB	U	V	Presumed contamination as indicated by the preparation (method) blank results.	24489
RD-43A	10/20/2010	Primary Sample	8270C	bis(2-Ethylhexyl) phthalate	Primary Result	2.4	µg/L	J	J	V	Compound was reported below the RL	24489
RD-43A	10/20/2010	Primary Sample	8315A	Formaldehyde	Primary Result	50	µg/L	JB	U	V	Presumed contamination as indicated by the preparation (method) blank results.	24489
RD-43A	10/20/2010	Primary Sample	9040B	pH	Primary Result	7.09	pH Units	HTV	J	V	Holding time was exceeded	24489
RD-43A	10/20/2010	Primary Sample	300.0	Fluoride	Primary Result	0.35	mg/L	J	J	V	Compound was reported below the RL	24489
RD-43B	10/28/2010	Primary Sample	300.0	Fluoride	Primary Result	0.34	mg/L	J	J	V	Compound was reported below the RL	24489

RD-43B	10/28/2010	Primary Sample	8315A	Formaldehyde	Primary Result	50	µg/L	JB	U	V	Presumed contamination as indicated by the preparation (method) blank results.	24489
RD-43C	10/28/2010	Primary Sample	8260B	1,1,2-Trichloroethane	Primary Result	0.27	µg/L	U	UJ	V	Surrogate recovery was outside QC limits.	24489
RD-43C	10/28/2010	Primary Sample	8260B	1,1-Dichloroethane	Primary Result	0.22	µg/L	U	UJ	V	Surrogate recovery was outside QC limits.	24489
RD-43C	10/28/2010	Primary Sample	8260B	1,1-Dichloroethene	Primary Result	0.23	µg/L	U	UJ	V	Surrogate recovery was outside QC limits.	24489
RD-43C	10/28/2010	Primary Sample	8260B	Acetone	Primary Result	1.9	µg/L	U	UJ	V	Surrogate recovery was outside QC limits.	24489
RD-43C	10/28/2010	Primary Sample	8260B	Benzene	Primary Result	0.16	µg/L	U	UJ	V	Surrogate recovery was outside QC limits.	24489
RD-43C	10/28/2010	Primary Sample	8260B	Carbon Tetrachloride	Primary Result	0.19	µg/L	U	UJ	V	MS/MSD recovery was poor or RPD was high; Surrogate recovery was outside QC limits.	24489
RD-43C	10/28/2010	Primary Sample	350.1	Ammonia-N	Primary Result	0.068	mg/L	J	J	V	Compound was reported below the RL	24489
RD-43C	10/28/2010	Primary Sample	8260B	1,1,1-Trichloroethane	Primary Result	0.16	µg/L	U	UJ	V	MS/MSD recovery was poor or RPD was high; Surrogate recovery was outside QC limits.	24489
RD-43C	10/28/2010	Primary Sample	8260B	1,1,2-Trichloro-1,2,2-trifluoroethane	Primary Result	0.42	µg/L	U	UJ	V	Surrogate recovery was outside QC limits.	24489
RD-43C	10/28/2010	Primary Sample	8260B	1,2-Dichloroethane	Primary Result	0.13	µg/L	U	UJ	V	Surrogate recovery was outside QC limits.	24489
RD-43C	10/28/2010	Primary Sample	8260B	Chloroform	Primary Result	0.16	µg/L	U	UJ	V	MS/MSD recovery was poor or RPD was high; Surrogate recovery was outside QC limits.	24489
RD-43C	10/28/2010	Primary Sample	8260B	cis-1,2-Dichloroethene	Primary Result	0.15	µg/L	U	UJ	V	Surrogate recovery was outside QC limits.	24489
RD-43C	10/28/2010	Primary Sample	8260B	Methyl ethyl ketone	Primary Result	2	µg/L	U	UJ	V	Surrogate recovery was outside QC limits.	24489
RD-43C	10/28/2010	Primary Sample	8260B	Methylene chloride	Primary Result	0.32	µg/L	U	UJ	V	Surrogate recovery was outside QC limits.	24489
RD-43C	10/28/2010	Primary Sample	8260B	o-Xylene	Primary Result	0.19	µg/L	U	UJ	V	Surrogate recovery was outside QC limits.	24489
RD-43C	10/28/2010	Primary Sample	8260B	trans-1,2-Dichloroethene	Primary Result	0.15	µg/L	U	UJ	V	Surrogate recovery was outside QC limits.	24489
RD-43C	10/28/2010	Primary Sample	8260B	Trichloroethene	Primary Result	0.16	µg/L	U	UJ	V	Surrogate recovery was outside QC limits.	24489
RD-43C	10/28/2010	Primary Sample	8260B	Trichlorofluoromethane	Primary Result	0.29	µg/L	U	UJ	V	Surrogate recovery was outside QC limits.	24489
RD-43C	10/28/2010	Primary Sample	8260B	Ethylbenzene	Primary Result	0.16	µg/L	U	UJ	V	Surrogate recovery was outside QC limits.	24489
RD-43C	10/28/2010	Primary Sample	8260B	Isopropanol	Primary Result	13	µg/L	U	UJ	V	Surrogate recovery was outside QC limits.	24489
RD-43C	10/28/2010	Primary Sample	8260B	m-Xylene & p-Xylene	Primary Result	0.34	µg/L	U	UJ	V	Surrogate recovery was outside QC limits.	24489
RD-43C	10/28/2010	Primary Sample	8260B	Tetrachloroethene	Primary Result	0.2	µg/L	U	UJ	V	Surrogate recovery was outside QC limits.	24489
RD-43C	10/28/2010	Primary Sample	8260B	Toluene	Primary Result	0.17	µg/L	U	UJ	V	Surrogate recovery was outside QC limits.	24489
RD-43C	10/28/2010	Primary Sample	8260B	Vinyl chloride	Primary Result	0.4	µg/L	U	UJ	V	Surrogate recovery was outside QC limits.	24489
RD-43C	10/28/2010	Primary Sample	8315A	Formaldehyde	Primary Result	50	µg/L	JB	U	V	Presumed contamination as indicated by the preparation (method) blank results.	24489
RD-43C	10/28/2010	Primary Sample	300.0	Fluoride	Primary Result	0.32	mg/L	J	J	V	Compound was reported below the RL	24489
RD-45A	10/21/2010	Primary Sample	350.1	Ammonia-N	Primary Result	0.15	mg/L	J	J	V	Compound was reported below the RL	24489

RD-45A	10/21/2010	Primary Sample	8260B	1,1-Dichloroethene	Primary Result	0.6	µg/L	J	J	V	Compound was reported below the RL	24489
RD-45A	10/21/2010	Primary Sample	300.0	Fluoride	Primary Result	0.24	mg/L	J	J	V	Compound was reported below the RL	24489
RD-45A	10/21/2010	Primary Sample	8015B	Kerosene Range (C15-C20)	Primary Result	0.048	mg/L	J	J	V	Compound was reported below the RL	24489
RD-45A	10/21/2010	Primary Sample	8260B SIM	1,4-Dioxane	Primary Result	1.1	µg/L	J	J	V	Compound was reported below the RL	24489
RD-45A	10/21/2010	Primary Sample	8260B	Acetone	Primary Result	2.1	µg/L	J	J	V	LCS/LCSD %R was not within control limits	24489
RD-45A	10/21/2010	Primary Sample	8270C	Dimethyl phthalate	Primary Result	0.22	µg/L	J	J	V	Compound was reported below the RL	24489
RD-45A	10/21/2010	Primary Sample	8315A	Formaldehyde	Primary Result	50	µg/L	JB	U	V	Presumed contamination as indicated by the preparation (method) blank results.	24489
RD-45B	10/22/2010	Primary Sample	350.1	Ammonia-N	Primary Result	0.066	mg/L	J	J	V	Compound was reported below the RL	24489
RD-45B	10/22/2010	Primary Sample	8260B	Acetone	Primary Result	10	µg/L	JB	U	V	Presumed contamination as indicated by the preparation (method) and trip blank results	24489
RD-45B	10/22/2010	Primary Sample	8270C	bis(2-Ethylhexyl) phthalate	Primary Result	0.65	µg/L	J	J	V	Compound was reported below the RL	24489
RD-45B	10/22/2010	Primary Sample	300.0	Fluoride	Primary Result	0.22	mg/L	J	J	V	Compound was reported below the RL	24489
RD-45B	11/1/2010	Primary Sample	8315A	Formaldehyde	Primary Result	50	µg/L	JB	U	V	Presumed contamination as indicated by the preparation (method) blank results.	24489
RD-45C	10/22/2010	Primary Sample	300.0	Fluoride	Primary Result	0.3	mg/L	J	J	V	Compound was reported below the RL	24489
RD-45C	10/22/2010	Primary Sample	8015B	Diesel Range Organics (C21-C30)	Primary Result	0.054	mg/L	J	J	V	Compound was reported below the RL	24489
RD-45C	10/22/2010	Primary Sample	350.1	Ammonia-N	Primary Result	0.076	mg/L	J	J	V	Compound was reported below the RL	24489
RD-45C	10/22/2010	Primary Sample	8260B	Acetone	Primary Result	10	µg/L	JB	U	V	Presumed contamination as indicated by the preparation (method) and trip blank results	24489
RD-45C	10/22/2010	Primary Sample	8270C	bis(2-Ethylhexyl) phthalate	Primary Result	0.56	µg/L	J	J	V	Compound was reported below the RL	24489
RD-45C	11/1/2010	Primary Sample	8315A	Formaldehyde	Primary Result	50	µg/L	JB	U	V	Presumed contamination as indicated by the preparation (method) blank results.	24489
RD-46A	10/27/2010	Primary Sample	300.0	Fluoride	Primary Result	0.34	mg/L	J	J	V	Compound was reported below the RL	24489
RD-46A	10/27/2010	Primary Sample	300.0	Nitrate-NO3	Primary Result	0.19	mg/L	J	J	V	Compound was reported below the RL	24489
RD-46A	10/27/2010	Primary Sample	8315A	Formaldehyde	Primary Result	50	µg/L	JB	U	V	Presumed contamination as indicated by the preparation (method) blank results.	24489
RD-46B	10/27/2010	Primary Sample	350.1	Ammonia-N	Primary Result	0.067	mg/L	J	J	V	Compound was reported below the RL	24489
RD-46B	10/27/2010	Primary Sample	300.0	Fluoride	Primary Result	0.18	mg/L	J	J	V	Compound was reported below the RL	24489
RD-46B	10/27/2010	Primary Sample	8260B	Toluene	Primary Result	0.76	µg/L	J	J	V	Compound was reported below the RL	24489
RD-46B	10/27/2010	Primary Sample	8315A	Formaldehyde	Primary Result	50	µg/L	JB	U	V	Presumed contamination as indicated by the preparation (method) blank results.	24489
RD-48B	10/18/2010	Primary Sample	300.0	Fluoride	Primary Result	0.27	mg/L	J	J	V	Compound was reported below the RL	24489
RD-48B	10/18/2010	Primary Sample	8315A	Formaldehyde	Primary Result	50	µg/L	JB	U	V	Presumed contamination as indicated by the preparation (method) blank results.	24489
RD-48C	10/18/2010	Primary Sample	350.1	Ammonia-N	Primary Result	0.32	mg/L	J	J	V	Compound was reported below the RL	24489

RD-48C	10/18/2010	Primary Sample	8260B	Acetone	Primary Result	10	µg/L	JB	U	V	Presumed contamination as indicated by the preparation (method) blank results.	24489
RD-48C	10/18/2010	Primary Sample	8270C	bis(2-Ethylhexyl) phthalate	Primary Result	0.61	µg/L	J	J	V	Compound was reported below the RL	24489
RD-48C	10/18/2010	Primary Sample	8315A	Formaldehyde	Primary Result	50	µg/L	JB	U	V	Presumed contamination as indicated by the preparation (method) blank results.	24489
RD-48C	10/18/2010	Primary Sample	9040B	pH	Primary Result	7.34	pH Units	HTV	J	V	Holding time was exceeded	24489
RD-48C	10/18/2010	Primary Sample	300.0	Fluoride	Primary Result	0.28	mg/L	J	J	V	Compound was reported below the RL	24489
RD-49A	11/1/2010	Primary Sample	350.1	Ammonia-N	Primary Result	0.092	mg/L	J	J	V	Compound was reported below the RL	24489
RD-49A	11/1/2010	Primary Sample	8015B	Diesel Range Organics (C12-C14)	Primary Result	0.093	mg/L	J	J	V	Compound was reported below the RL	24489
RD-49A	11/1/2010	Primary Sample	8015B	Kerosene Range (C15-C20)	Primary Result	0.14	mg/L	J	J	V	Compound was reported below the RL	24489
RD-49A	11/1/2010	Primary Sample	8260B	1,1-Dichloroethene	Primary Result	3.9	µg/L	J	J	V	Compound was reported below the RL	24489
RD-49A	11/1/2010	Primary Sample	300.0	Fluoride	Primary Result	0.32	mg/L	J	J	V	Compound was reported below the RL	24489
RD-49A	11/1/2010	Primary Sample	8315A	Formaldehyde	Primary Result	50	µg/L	JB	U	V	Presumed contamination as indicated by the preparation (method) blank results.	24489
RD-49B	10/15/2010	Field Duplicate	1625M	n-Nitrosodimethylamine	Primary Result	0.038	µg/L	B	U	V		24489
RD-49B	10/15/2010	Primary Sample	350.1	Ammonia-N	Primary Result	0.098	mg/L	J	J	V	Compound was reported below the RL	24489
RD-49B	10/15/2010	Primary Sample	6010B	Potassium	Primary Result	4.6	mg/L	J	J	V	Compound was reported below the RL	24489
RD-49B	10/15/2010	Primary Sample	6010B	Potassium, Dissolved	Primary Result	4.9	mg/L	J	J	V	Compound was reported below the RL	24489
RD-49B	10/15/2010	Primary Sample	300.0	Fluoride	Primary Result	0.2	mg/L	J	J	V	Compound was reported below the RL	24489
RD-49B	10/15/2010	Primary Sample	8260B	1,1-Dichloroethene	Primary Result	0.92	µg/L	J	J	V	Surrogate recovery was outside QC limits.	24489
RD-49B	10/15/2010	Primary Sample	8260B	Vinyl chloride	Primary Result	4	µg/L		J	V	Surrogate recovery was outside QC limits.	24489
RD-49B	10/15/2010	Primary Sample	8260B	Methylene chloride	Primary Result	5	µg/L	JB	UJ	V	Presumed contamination as indicated by the preparation (method) and trip blank results; Surrogate recovery was outside QC limits.	24489
RD-49B	10/15/2010	Primary Sample	8260B	trans-1,2-Dichloroethene	Primary Result	15	µg/L		J	V	Surrogate recovery was outside QC limits.	24489
RD-49B	10/15/2010	Primary Sample	8260B SIM	1,4-Dioxane	Primary Result	1.8	µg/L	J	J	V	Compound was reported below the RL	24489
RD-49B	10/15/2010	Primary Sample	8315	Formaldehyde	Primary Result	50	µg/L	J B	U	V	Presumed contamination as indicated by the preparation (method) blank results.	24489
RD-49C	10/15/2010	Primary Sample	8260B	Methylene chloride	Primary Result	5	µg/L	JB	U	V	Presumed contamination from preparation (method) and trip blank	24489
RD-49C	10/15/2010	Primary Sample	300.0	Fluoride	Primary Result	0.22	mg/L	J	J	V	Compound was reported below the RL	24489
RD-49C	10/15/2010	Primary Sample	8015B	Diesel Range Organics (C21-C30)	Primary Result	0.036	mg/L	J	J	V	Compound was reported below the RL	24489
RD-49C	10/15/2010	Primary Sample	8315	Formaldehyde	Primary Result	50	µg/L	J B	U	V	Presumed contamination as indicated by the preparation (method) blank results.	24489
RD-49C	11/4/2010	Field Duplicate	8270C	Methyl methanesulfonate	Primary Result	0.97	µg/L	U	UJ	IV	Calibration %RSD or %D was noncompliant	24492
RD-49C	11/4/2010	Field Duplicate	8270C	p-Phenylenediamine	Primary Result	4.9	µg/L	U	UJ	IV	Calibration %RSD or %D was noncompliant	24492
RD-49C	11/4/2010	Primary Sample	8270C	Acetophenone	Primary Result	0.25	µg/L	J	J	IV	Compound was reported below the RL	24492

RD-49C	11/4/2010	Primary Sample	8270C	Methyl methanesulfonate	Primary Result	0.98	µg/L	U	UJ	IV	Calibration %RSD or %D was noncompliant	24492
RD-49C	11/4/2010	Primary Sample	8270C	p-Phenylenediamine	Primary Result	4.9	µg/L	U	UJ	IV	Calibration %RSD or %D was noncompliant	24492
RD-49C	11/4/2010	Split Sample	8270C	4-Nitroquinoline-1-oxide	Primary Result	9.43	µg/L	U	UJ	IV	Calibration %RSD or %D was noncompliant	24492
RD-49C	11/4/2010	Split Sample	8270C	Aramite	Primary Result	9.43	µg/L	U	UJ	IV	Calibration %RSD or %D was noncompliant	24492
RD-51A	10/15/2010	Primary Sample	8260B	Acetone	Primary Result	2.6	µg/L	JB	J	V	Compound was reported below the RL	24489
RD-51A	10/15/2010	Primary Sample	350.1	Ammonia-N	Primary Result	0.083	mg/L	J	J	V	Compound was reported below the RL	24489
RD-51A	10/15/2010	Primary Sample	8260B	trans-1,2-Dichloroethene	Primary Result	0.38	µg/L	J	J	V	Compound was reported below the RL	24489
RD-51A	10/15/2010	Primary Sample	8270C	bis(2-Ethylhexyl) phthalate	Primary Result	2.3	µg/L	J	J	V	Compound was reported below the RL	24489
RD-51A	10/15/2010	Primary Sample	8315	Formaldehyde	Primary Result	50	µg/L	J B	U	V	Presumed contamination as indicated by the preparation (method) blank results.	24489
RD-51A	10/15/2010	Primary Sample	9040B	pH	Primary Result	7.27	pH Units	HTV	J	V	Holding time was exceeded	24489
RD-51A	10/15/2010	Primary Sample	300.0	Fluoride	Primary Result	0.35	mg/L	J	J	V	Compound was reported below the RL	24489
RD-51B	10/15/2010	Primary Sample	300.0	Fluoride	Primary Result	0.26	mg/L	J	J	V	Compound was reported below the RL	24489
RD-51B	10/15/2010	Primary Sample	350.1	Ammonia-N	Primary Result	0.1	mg/L	J	J	V	Compound was reported below the RL	24489
RD-51B	10/15/2010	Primary Sample	8260B	Acetone	Primary Result	2.9	µg/L	JB	J	V	Compound was reported below the RL	24489
RD-51B	10/15/2010	Primary Sample	8260B	Toluene	Primary Result	0.18	µg/L	J	J	V	Compound was reported below the RL	24489
RD-51B	10/15/2010	Primary Sample	8260B	trans-1,2-Dichloroethene	Primary Result	0.35	µg/L	J	J	V	Compound was reported below the RL	24489
RD-51B	10/15/2010	Primary Sample	8315	Formaldehyde	Primary Result	50	µg/L	J B	U	V	Presumed contamination as indicated by the preparation (method) blank results.	24489
RD-51B	10/15/2010	Primary Sample	9040B	pH	Primary Result	7.35	pH Units	HTV	J	V	Holding time was exceeded	24489
RD-51B	10/15/2010	Primary Sample	8270C	bis(2-Ethylhexyl) phthalate	Primary Result	2.1	µg/L	J	J	V	Compound was reported below the RL	24489
RD-51C	10/25/2010	Primary Sample	300.0	Fluoride	Primary Result	0.18	mg/L	J	J	V	Compound was reported below the RL	24489
RD-51C	10/25/2010	Primary Sample	350.1	Ammonia-N	Primary Result	0.13	mg/L	J	J	V	Compound was reported below the RL	24489
RD-51C	10/25/2010	Primary Sample	8315A	Formaldehyde	Primary Result	50	µg/L	JB	U	V	Presumed contamination as indicated by the preparation (method) blank results.	24489
RD-52A	10/18/2010	Primary Sample	300.0	Fluoride	Primary Result	0.39	mg/L	J	J	V	Compound was reported below the RL	24489
RD-52A	10/18/2010	Primary Sample	8260B	1,1-Dichloroethane	Primary Result	3.5	µg/L	J	J	V	Surrogate recovery was outside QC limits.	24489
RD-52A	10/18/2010	Primary Sample	8260B	1,1-Dichloroethene	Primary Result	9	µg/L		J	V	Surrogate recovery was outside QC limits.	24489
RD-52A	10/18/2010	Primary Sample	8260B	Acetone	Primary Result	50	µg/L	JB	UJ	V	Presumed contamination as indicated by the preparation (method) blank results; Surrogate recovery was outside QC limits.	24489
RD-52A	10/18/2010	Primary Sample	350.1	Ammonia-N	Primary Result	0.47	mg/L	J	J	V	Compound was reported below the RL	24489
RD-52A	10/18/2010	Primary Sample	8260B	Vinyl chloride	Primary Result	49	µg/L		J	V	Surrogate recovery was outside QC limits.	24489
RD-52A	10/18/2010	Primary Sample	8260B	Methylene chloride	Primary Result	25	µg/L	JB	UJ	V	Presumed contamination as indicated by the preparation (method) blank results; Surrogate recovery was outside QC limits.	24489

RD-52A	10/18/2010	Primary Sample	8260B	trans-1,2-Dichloroethene	Primary Result	110	µg/L		J	V	Surrogate recovery was outside QC limits.	24489
RD-52A	10/18/2010	Primary Sample	8315A	Formaldehyde	Primary Result	50	µg/L	JB	U	V	Presumed contamination as indicated by the preparation (method) blank results.	24489
RD-52B	10/19/2010	Primary Sample	350.1	Ammonia-N	Primary Result	0.11	mg/L	J	J	V	Compound was reported below the RL	24489
RD-52B	10/19/2010	Primary Sample	8260B	cis-1,2-Dichloroethene	Primary Result	24	µg/L		J	V	Surrogate recovery was outside QC limits.	24489
RD-52B	10/19/2010	Primary Sample	8260B	trans-1,2-Dichloroethene	Primary Result	10	µg/L		J	V	Surrogate recovery was outside QC limits.	24489
RD-52B	10/19/2010	Primary Sample	8260B	Trichloroethene	Primary Result	1.1	µg/L		J	V	Surrogate recovery was outside QC limits.	24489
RD-52B	10/19/2010	Primary Sample	8260B SIM	1,4-Dioxane	Primary Result	1	µg/L	J	J	V	Compound was reported below the RL	24489
RD-52B	10/19/2010	Primary Sample	8270C	bis(2-Ethylhexyl) phthalate	Primary Result	9.6	µg/L	JB	U	V	Presumed contamination as indicated by the preparation (method) blank results.	24489
RD-52B	10/19/2010	Primary Sample	300.0	Fluoride	Primary Result	0.2	mg/L	J	J	V	Compound was reported below the RL	24489
RD-52B	10/19/2010	Primary Sample	8315A	Formaldehyde	Primary Result	50	µg/L	JB	U	V	Presumed contamination as indicated by the preparation (method) blank results.	24489
RD-52C	10/19/2010	Primary Sample	350.1	Ammonia-N	Primary Result	0.086	mg/L	J	J	V	Compound was reported below the RL	24489
RD-52C	10/19/2010	Primary Sample	300.0	Fluoride	Primary Result	0.21	mg/L	J	J	V	Compound was reported below the RL	24489
RD-52C	10/19/2010	Primary Sample	8260B	Acetone	Primary Result	10	µg/L	JB	U	V	Presumed contamination from preparation (method) and trip blank	24489
RD-52C	10/19/2010	Primary Sample	8315A	Formaldehyde	Primary Result	50	µg/L	JB	U	V	Presumed contamination as indicated by the preparation (method) blank results.	24489
RD-52C	10/19/2010	Primary Sample	8260B SIM	1,4-Dioxane	Primary Result	0.91	µg/L	J	J	V	Compound was reported below the RL	24489
RD-52C	10/19/2010	Primary Sample	8270C	bis(2-Ethylhexyl) phthalate	Primary Result	9.8	µg/L	JB	U	V	Presumed contamination as indicated by the preparation (method) blank results.	24489
RD-55A	10/14/2010	Primary Sample	300.0	Fluoride	Primary Result	0.34	mg/L	J	J	V	Compound was reported below the RL	24332
RD-55A	10/14/2010	Primary Sample	8260B	cis-1,2-Dichloroethene	Primary Result	78	µg/L		J	V	Surrogate recovery was outside QC limits.	24332
RD-55A	10/14/2010	Primary Sample	350.1	Ammonia-N	Primary Result	0.072	mg/L	J	J	V	Compound was reported below the RL	24332
RD-55A	10/14/2010	Primary Sample	8260B	Acetone	Primary Result	10	µg/L	JB	U	V	Presumed contamination from preparation (method) and trip blank	24332
RD-55A	10/14/2010	Primary Sample	8315A	Formaldehyde	Primary Result	50	µg/L	JB	U	V	Presumed contamination as indicated by the preparation (method) blank results.	24332
RD-55B	10/14/2010	Primary Sample	350.1	Ammonia-N	Primary Result	0.11	mg/L	J	J	V	Compound was reported below the RL	24332
RD-55B	10/14/2010	Primary Sample	8260B	Acetone	Primary Result	10	µg/L	JB	U	V	Presumed contamination from preparation (method) and trip blank	24332
RD-55B	10/14/2010	Primary Sample	300.0	Fluoride	Primary Result	0.49	mg/L	J	J	V	Compound was reported below the RL	24332
RD-55B	10/14/2010	Primary Sample	8315A	Formaldehyde	Primary Result	50	µg/L	JB	U	V	Presumed contamination as indicated by the preparation (method) blank results.	24332
RD-58A	10/19/2010	Primary Sample	350.1	Ammonia-N	Primary Result	0.063	mg/L	J	J	V	Compound was reported below the RL	24489
RD-58A	10/19/2010	Primary Sample	8260B	1,1,2-Trichloro-1,2,2-trifluoroethane	Primary Result	0.69	µg/L	J	J	V	Compound was reported below the RL	24489

RD-58A	10/19/2010	Primary Sample	8315A	Formaldehyde	Primary Result	50	µg/L	JB	U	V	Presumed contamination as indicated by the preparation (method) blank results.	24489
RD-58A	10/19/2010	Primary Sample	300.0	Fluoride	Primary Result	0.4	mg/L	J	J	V	Compound was reported below the RL	24489
RD-58A	10/19/2010	Primary Sample	300.0	Nitrate-NO3	Primary Result	0.19	mg/L	J	J	V	Compound was reported below the RL	24489
RD-58B	10/19/2010	Primary Sample	300.0	Fluoride	Primary Result	0.37	mg/L	J	J	V	Compound was reported below the RL	24489
RD-58B	10/19/2010	Primary Sample	350.1	Ammonia-N	Primary Result	0.063	mg/L	J	J	V	Compound was reported below the RL	24489
RD-58B	10/19/2010	Primary Sample	8260B	Acetone	Primary Result	10	µg/L	JB	U	V	Presumed contamination from preparation (method) and trip blank	24489
RD-58B	10/19/2010	Primary Sample	8315A	Formaldehyde	Primary Result	50	µg/L	JB	U	V	Presumed contamination as indicated by the preparation (method) blank results.	24489
RD-58C	10/18/2010	Primary Sample	300.0	Fluoride	Primary Result	0.27	mg/L	J	J	V	Compound was reported below the RL	24489
RD-58C	10/18/2010	Primary Sample	350.1	Ammonia-N	Primary Result	0.098	mg/L	J	J	V	Compound was reported below the RL	24489
RD-58C	10/18/2010	Primary Sample	8260B	cis-1,2-Dichloroethene	Primary Result	0.63	µg/L	J	J	V	Compound was reported below the RL	24489
RD-58C	10/18/2010	Primary Sample	8260B	Acetone	Primary Result	10	µg/L	JB	U	V	Presumed contamination as indicated by the preparation (method) blank results.	24489
RD-58C	10/18/2010	Primary Sample	8315A	Formaldehyde	Primary Result	50	µg/L	JB	U	V	Presumed contamination as indicated by the preparation (method) blank results.	24489
RD-68A	10/15/2010	Primary Sample	8260B	Acetone	Primary Result	10	µg/L	J	U	V	Presumed contamination as indicated by the trip blank Results	24489
RD-68A	10/15/2010	Primary Sample	350.1	Ammonia-N	Primary Result	0.055	mg/L	J	J	V	Compound was reported below the RL	24489
RD-68A	10/15/2010	Primary Sample	8260B	Methylene chloride	Primary Result	5	µg/L	JB	U	V	Presumed contamination from preparation (method) and trip blank	24489
RD-68A	10/15/2010	Primary Sample	8315	Formaldehyde	Primary Result	50	µg/L	J B	U	V	Presumed contamination as indicated by the preparation (method) blank results.	24489
RD-68A	10/15/2010	Primary Sample	300.0	Fluoride	Primary Result	0.24	mg/L	J	J	V	Compound was reported below the RL	24489
RD-68B	10/15/2010	Primary Sample	8260B	Acetone	Primary Result	10	µg/L	J	U	V	Presumed contamination as indicated by the trip blank Results	24489
RD-68B	10/15/2010	Primary Sample	350.1	Ammonia-N	Primary Result	0.072	mg/L	J	J	V	Compound was reported below the RL	24489
RD-68B	10/15/2010	Primary Sample	8260B	Methylene chloride	Primary Result	5	µg/L	JB	U	V	Presumed contamination from preparation (method) and trip blank	24489
RD-68B	10/15/2010	Primary Sample	8315	Formaldehyde	Primary Result	50	µg/L	J B	U	V	Presumed contamination as indicated by the preparation (method) blank results.	24489
RD-77	10/28/2010	Primary Sample	300.0	Fluoride	Primary Result	0.23	mg/L	J	J	V	Compound was reported below the RL	24489
RD-77	10/28/2010	Primary Sample	6010B	Manganese	Primary Result	0.0037	mg/L	J	J	V	Compound was reported below the RL	24489
RD-77	10/28/2010	Primary Sample	6010B	Manganese, Dissolved	Primary Result	0.0032	mg/L	J	J	V	Compound was reported below the RL	24489
RD-77	10/28/2010	Primary Sample	6010B	Potassium	Primary Result	3.2	mg/L	J	J	V	Compound was reported below the RL	24489
RD-77	10/28/2010	Primary Sample	6010B	Potassium, Dissolved	Primary Result	3.4	mg/L	J	J	V	Compound was reported below the RL	24489
RD-77	10/28/2010	Primary Sample	8260B	1,1-Dichloroethane	Primary Result	7	µg/L	J	J	V	Surrogate recovery was outside QC limits.	24489

RD-77	10/28/2010	Primary Sample	8260B	1,1-Dichloroethene	Primary Result	100	µg/L		J	V	Surrogate recovery was outside QC limits.	24489
RD-77	10/28/2010	Primary Sample	8260B	1,2-Dichloroethane	Primary Result	1.3	µg/L	U	UJ	V	Surrogate recovery was outside QC limits.	24489
RD-77	10/28/2010	Primary Sample	8260B	Acetone	Primary Result	19	µg/L	U	UJ	V	Surrogate recovery was outside QC limits.	24489
RD-77	10/28/2010	Primary Sample	8260B	Benzene	Primary Result	1.6	µg/L	U	UJ	V	Surrogate recovery was outside QC limits.	24489
RD-77	10/28/2010	Primary Sample	8260B	Carbon Tetrachloride	Primary Result	1.9	µg/L	U	UJ	V	Surrogate recovery was outside QC limits.	24489
RD-77	10/28/2010	Primary Sample	8260B	Ethylbenzene	Primary Result	1.6	µg/L	U	UJ	V	Surrogate recovery was outside QC limits.	24489
RD-77	10/28/2010	Primary Sample	8260B	Isopropanol	Primary Result	130	µg/L	U	UJ	V	Surrogate recovery was outside QC limits.	24489
RD-77	10/28/2010	Primary Sample	8260B	1,1,1-Trichloroethane	Primary Result	1.6	µg/L	U	UJ	V	Surrogate recovery was outside QC limits.	24489
RD-77	10/28/2010	Primary Sample	8260B	1,1,2-Trichloro-1,2,2-trifluoroethane	Primary Result	4.2	µg/L	U	UJ	V	Surrogate recovery was outside QC limits.	24489
RD-77	10/28/2010	Primary Sample	8260B	1,1,2-Trichloroethane	Primary Result	2.7	µg/L	U	UJ	V	Surrogate recovery was outside QC limits.	24489
RD-77	10/28/2010	Primary Sample	8260B	Chloroform	Primary Result	1.6	µg/L	U	UJ	V	Surrogate recovery was outside QC limits.	24489
RD-77	10/28/2010	Primary Sample	8260B	cis-1,2-Dichloroethene	Primary Result	140	µg/L		J	V	Surrogate recovery was outside QC limits.	24489
RD-77	10/28/2010	Primary Sample	8260B	m-Xylene & p-Xylene	Primary Result	3.4	µg/L	U	UJ	V	Surrogate recovery was outside QC limits.	24489
RD-77	10/28/2010	Primary Sample	8260B	Methyl ethyl ketone	Primary Result	20	µg/L	U	UJ	V	Surrogate recovery was outside QC limits.	24489
RD-77	10/28/2010	Primary Sample	8260B	Methylene chloride	Primary Result	3.2	µg/L	U	UJ	V	Surrogate recovery was outside QC limits.	24489
RD-77	10/28/2010	Primary Sample	8260B	trans-1,2-Dichloroethene	Primary Result	1.5	µg/L	U	UJ	V	Surrogate recovery was outside QC limits.	24489
RD-77	10/28/2010	Primary Sample	8260B	o-Xylene	Primary Result	1.9	µg/L	U	UJ	V	Surrogate recovery was outside QC limits.	24489
RD-77	10/28/2010	Primary Sample	8260B	Tetrachloroethene	Primary Result	2	µg/L	U	UJ	V	Surrogate recovery was outside QC limits.	24489
RD-77	10/28/2010	Primary Sample	8260B	Toluene	Primary Result	1.7	µg/L	U	UJ	V	Surrogate recovery was outside QC limits.	24489
RD-77	10/28/2010	Primary Sample	8260B	Trichloroethene	Primary Result	3400	µg/L		J	V	Surrogate recovery was outside QC limits.	24489
RD-77	10/28/2010	Primary Sample	8260B	Trichlorofluoromethane	Primary Result	2.9	µg/L	U	UJ	V	Surrogate recovery was outside QC limits.	24489
RD-77	10/28/2010	Primary Sample	8260B	Vinyl chloride	Primary Result	4	µg/L	U	UJ	V	Surrogate recovery was outside QC limits.	24489
RD-77	10/28/2010	Primary Sample	8270C	bis(2-Ethylhexyl) phthalate	Primary Result	8.3	µg/L	J	J	V	Compound was reported below the RL	24489
RD-77	10/28/2010	Primary Sample	8315A	Formaldehyde	Primary Result	50	µg/L	JB	U	V	Presumed contamination as indicated by the preparation (method) blank results.	24489
RS-33	10/18/2010	Primary Sample	300.0	Fluoride	Primary Result	0.48	mg/L	J	J	V	Compound was reported below the RL	24489
RS-33	10/18/2010	Primary Sample	6010B	Calcium, Dissolved	Primary Result	130	mg/L	B	J	V	MS recovery was poor	24489
RS-33	10/18/2010	Primary Sample	6010B	Iron	Primary Result	0.062	mg/L	J	J	V	Compound was reported below the RL	24489
RS-33	10/18/2010	Primary Sample	6010B	Zinc, Dissolved	Primary Result	0.0056	mg/L	J	J	V	Compound was reported below the RL	24489
RS-33	10/18/2010	Primary Sample	350.1	Ammonia-N	Primary Result	0.37	mg/L	J	J	V	Compound was reported below the RL	24489
RS-33	10/18/2010	Primary Sample	8260B	Methylene chloride	Primary Result	25	µg/L	JB	U	V	Presumed contamination as indicated by the preparation (method) blank results.	24489
RS-33	10/18/2010	Primary Sample	8260B	1,1-Dichloroethane	Primary Result	1.4	µg/L	J	J	V	Compound was reported below the RL	24489
RS-33	10/18/2010	Primary Sample	8260B	1,1-Dichloroethene	Primary Result	1.6	µg/L	J	J	V	Compound was reported below the RL	24489

RS-33	10/18/2010	Primary Sample	8260B SIM	1,4-Dioxane	Primary Result	1.8	µg/L	J	J	V	Compound was reported below the RL	24489
RS-33	11/18/2010	Field Duplicate	8260B	1,1-Dichloroethane	Primary Result	1.4	µg/L	J	J	IV	Compound was reported below the RL	24579
RS-33	10/18/2010	Primary Sample	8315A	Formaldehyde	Primary Result	50	µg/L	JB	U	V	Presumed contamination as indicated by the preparation (method) blank results.	24489
RS-33	11/18/2010	Field Duplicate	8260B	1,1,1-Trichloroethane	Primary Result	0.61	µg/L	J	J	IV	Compound was reported below the RL	24579
RS-33	11/18/2010	Field Duplicate	8260B	Acetone	Primary Result	3.8	µg/L	U	UJ	IV	Calibration %RSD or %D was noncompliant	24579
RS-33	11/18/2010	Field Duplicate	8260B	Acetonitrile	Primary Result	19	µg/L	U	UJ	IV	Calibration RRF was < 0.05	24579
RS-33	11/18/2010	Field Duplicate	8260B	Chloroform	Primary Result	2	µg/L	J	U	IV	Presumed contamination as indicated by the preparation (method) blank results.	24579
RS-33	11/18/2010	Field Duplicate	8260B	trans-1,2-Dichloroethene	Primary Result	0.39	µg/L	J	J	IV	Compound was reported below the RL	24579
RS-33	11/18/2010	Field Duplicate	8260B	Ethyl cyanide	Primary Result	7.4	µg/L	U	UJ	IV	Calibration RRF was < 0.05	24579
RS-33	11/18/2010	Field Duplicate	8260B	Tetrachloroethene	Primary Result	0.45	µg/L	J	J	IV	Compound was reported below the RL	24579
RS-33	11/18/2010	Field Duplicate	8260B	Trichloroethene	Primary Result	530	µg/L		J	IV	Surrogate recovery was outside QC limits.	24579
RS-33	11/18/2010	Primary Sample	8260B	1,1,1-Trichloroethane	Primary Result	0.67	µg/L	J	J	IV	Compound was reported below the RL	24579
RS-33	11/18/2010	Field Duplicate	8260B	Vinyl chloride	Primary Result	1.1	µg/L	J	J	IV	Compound was reported below the RL	24579
RS-33	11/18/2010	Primary Sample	8260B	1,1-Dichloroethane	Primary Result	1.5	µg/L	J	J	IV	Compound was reported below the RL	24579
RS-33	11/18/2010	Primary Sample	8260B	Acetone	Primary Result	3.8	µg/L	U	UJ	IV	Calibration %RSD or %D was noncompliant	24579
RS-33	11/18/2010	Primary Sample	8260B	Acetonitrile	Primary Result	19	µg/L	U	UJ	IV	Calibration RRF was < 0.05	24579
RS-33	11/18/2010	Primary Sample	8260B	Chloroform	Primary Result	2	µg/L	J	U	IV	Presumed contamination as indicated by the preparation (method) blank results.	24579
RS-33	11/18/2010	Primary Sample	8260B	Ethyl cyanide	Primary Result	7.4	µg/L	U	UJ	IV	Calibration RRF was < 0.05	24579
RS-33	11/18/2010	Primary Sample	8260B	Tetrachloroethene	Primary Result	0.5	µg/L	J	J	IV	Compound was reported below the RL	24579
RS-33	11/18/2010	Primary Sample	8260B	trans-1,2-Dichloroethene	Primary Result	0.38	µg/L	J	J	IV	Compound was reported below the RL	24579
RS-33	11/18/2010	Primary Sample	8260B	Vinyl chloride	Primary Result	1.2	µg/L	J	J	IV	Compound was reported below the RL	24579
RS-34	10/27/2010	Primary Sample	314.0	Perchlorate	Primary Result	0.65	µg/L	J	J	V	Compound was reported below the RL	24489
RS-34	10/27/2010	Primary Sample	300.0	Fluoride	Primary Result	0.44	mg/L	J	J	V	Compound was reported below the RL	24489
RS-34	10/27/2010	Primary Sample	8315A	Formaldehyde	Primary Result	50	µg/L	JB	U	V	Presumed contamination as indicated by the preparation (method) blank results.	24489
RS-34	11/18/2010	Field Duplicate	8081A	Kepone	Primary Result	0.34	µg/L	U	UJ	IV	Calibration %RSD or %D was noncompliant	24579
RS-34	11/18/2010	Field Duplicate	8260B	Acetone	Primary Result	1.9	µg/L	U	UJ	IV	Calibration %RSD or %D was noncompliant	24579
RS-34	11/18/2010	Field Duplicate	8260B	trans-1,2-Dichloroethene	Primary Result	0.57	µg/L	J	J	IV	MS/MSD recovery was poor or RPD was high	24579
RS-34	11/18/2010	Primary Sample	8081A	Kepone	Primary Result	0.35	µg/L	U	UJ	IV	Calibration %RSD or %D was noncompliant	24579
RS-34	11/18/2010	Primary Sample	8260B	Acetone	Primary Result	1.9	µg/L	U	UJ	IV	Calibration %RSD or %D was noncompliant	24579
RS-34	11/18/2010	Primary Sample	8260B	trans-1,2-Dichloroethene	Primary Result	0.52	µg/L	J	J	IV	Compound was reported below the RL	24579
WS-09A	11/2/2010	Primary Sample	350.1	Ammonia-N	Primary Result	0.13	mg/L	J	J	V	Compound was reported below the RL	24489
WS-09A	11/2/2010	Primary Sample	8015B	Diesel Range Organics (C8-C30)	Primary Result	0.093	mg/L	J	J	V	Compound was reported below the RL	24489

WS-09A	11/2/2010	Primary Sample	8260B	1,1-Dichloroethene	Primary Result	1.6	µg/L	J	J	V	Compound was reported below the RL	24489
WS-09A	11/2/2010	Primary Sample	8260B	Vinyl chloride	Primary Result	1.8	µg/L	J	J	V	Compound was reported below the RL	24489
WS-09A	11/2/2010	Primary Sample	8315A	Formaldehyde	Primary Result	50	µg/L	JB	U	V	Presumed contamination as indicated by the preparation (method) blank results.	24489
WS-09A	11/2/2010	Primary Sample	300.0	Fluoride	Primary Result	0.25	mg/L	J	J	V	Compound was reported below the RL	24489
WS-04A	10/14/2010	Primary Sample	300.0	Fluoride	Primary Result	0.15	mg/L	J	J	V	Compound was reported below the RL	24332
WS-04A	10/14/2010	Primary Sample	350.1	Ammonia-N	Primary Result	0.073	mg/L	J	J	V	Compound was reported below the RL	24332
WS-04A	10/14/2010	Primary Sample	8260B	Acetone	Primary Result	3.2	µg/L	J	J	V	Compound was reported below the RL	24332
WS-04A	10/14/2010	Primary Sample	8315A	Formaldehyde	Primary Result	50	µg/L	JB	U	V	Presumed contamination as indicated by the preparation (method) blank results.	24332
HAR-26	10/19/2010	Primary Sample	350.1	Ammonia-N	Primary Result	0.078	mg/L	J	J	V	Compound was reported below the RL	24489
HAR-26	10/19/2010	Primary Sample	8315A	Formaldehyde	Primary Result	50	µg/L	JB	U	V	Presumed contamination as indicated by the preparation (method) blank results.	24489
HAR-27	10/27/2010	Primary Sample	6010B	Potassium	Primary Result	1.8	mg/L	J	J	V	Compound was reported below the RL	24489
HAR-27	10/27/2010	Primary Sample	6010B	Potassium, Dissolved	Primary Result	2	mg/L	JB	J	V	Compound was reported below the RL	24489
HAR-27	10/27/2010	Primary Sample	8260B	Vinyl chloride	Primary Result	0.93	µg/L	J	J	V	Compound was reported below the RL	24489
HAR-27	10/27/2010	Primary Sample	8315A	Formaldehyde	Primary Result	50	µg/L	JB	U	V	Presumed contamination as indicated by the preparation (method) blank results.	24489
HAR-28	10/27/2010	Primary Sample	6010B	Iron	Primary Result	0.031	mg/L	J	J	V	Compound was reported below the RL	24489
HAR-28	10/27/2010	Primary Sample	6010B	Iron, Dissolved	Primary Result	0.026	mg/L	J	J	V	Compound was reported below the RL	24489
HAR-28	10/27/2010	Primary Sample	6010B	Zinc	Primary Result	0.0061	mg/L	J	J	V	Compound was reported below the RL	24489
HAR-28	10/27/2010	Primary Sample	8260B	1,1,1-Trichloroethane	Primary Result	0.16	µg/L	U	UJ	V	MS/MSD recovery was poor or RPD was high	24489
HAR-28	10/27/2010	Primary Sample	8260B	Carbon Tetrachloride	Primary Result	0.19	µg/L	U	UJ	V	MS/MSD recovery was poor or RPD was high	24489
HAR-28	10/27/2010	Primary Sample	8260B	cis-1,2-Dichloroethene	Primary Result	5.3	µg/L		J	V	MS/MSD recovery was poor or RPD was high	24489
HAR-28	10/27/2010	Primary Sample	8260B	Ethylbenzene	Primary Result	0.16	µg/L	U	UJ	V	MS/MSD recovery was poor or RPD was high	24489
HAR-28	10/27/2010	Primary Sample	8260B	m-Xylene & p-Xylene	Primary Result	0.34	µg/L	U	UJ	V	MS/MSD recovery was poor or RPD was high	24489
HAR-28	10/27/2010	Primary Sample	8260B	Tetrachloroethene	Primary Result	0.2	µg/L	U	UJ	V	MS/MSD recovery was poor or RPD was high	24489
HAR-28	10/27/2010	Primary Sample	8260B	Toluene	Primary Result	0.17	µg/L	U	UJ	V	MS/MSD recovery was poor or RPD was high	24489
HAR-28	10/27/2010	Primary Sample	8260B	Vinyl chloride	Primary Result	0.4	µg/L	U	UJ	V	MS/MSD recovery was poor or RPD was high	24489
HAR-28	10/27/2010	Primary Sample	300.0	Fluoride	Primary Result	0.24	mg/L	J	J	V	Compound was reported below the RL	24489
HAR-28	10/27/2010	Primary Sample	8260B	o-Xylene	Primary Result	0.19	µg/L	U	UJ	V	MS/MSD recovery was poor or RPD was high	24489
HAR-28	10/27/2010	Primary Sample	8260B	trans-1,2-Dichloroethene	Primary Result	0.15	µg/L	U	UJ	V	MS/MSD recovery was poor or RPD was high	24489
HAR-28	10/27/2010	Primary Sample	8260B	Trichloroethene	Primary Result	1.5	µg/L		J	V	MS/MSD recovery was poor or RPD was high	24489
HAR-28	10/27/2010	Primary Sample	8260B	Trichlorofluoromethane	Primary Result	0.29	µg/L	U	UJ	V	MS/MSD recovery was poor or RPD was high	24489

HAR-28	10/27/2010	Primary Sample	300.0	Nitrate-NO3	Primary Result	0.25	mg/L	J	J	V	Compound was reported below the RL	24489
HAR-28	10/27/2010	Primary Sample	8315A	Formaldehyde	Primary Result	50	µg/L	JB	U	V	Presumed contamination as indicated by the preparation (method) blank results.	24489
HAR-29	10/26/2010	Primary Sample	350.1	Ammonia-N	Primary Result	0.055	mg/L	J	J	V	Compound was reported below the RL	24489
HAR-29	10/26/2010	Primary Sample	6010B	Manganese	Primary Result	0.00025	mg/L	J	J	V	Compound was reported below the RL	24489
HAR-29	10/26/2010	Primary Sample	6010B	Manganese, Dissolved	Primary Result	0.0099	mg/L	J	J	V	Compound was reported below the RL	24489
HAR-29	10/26/2010	Primary Sample	6010B	Potassium	Primary Result	4.2	mg/L	J	J	V	Compound was reported below the RL	24489
HAR-29	10/26/2010	Primary Sample	6010B	Zinc	Primary Result	0.0046	mg/L	J	J	V	Compound was reported below the RL	24489
HAR-29	10/26/2010	Primary Sample	6010B	Potassium, Dissolved	Primary Result	4.3	mg/L	J	J	V	Compound was reported below the RL	24489
HAR-29	10/26/2010	Primary Sample	300.0	Fluoride	Primary Result	0.29	mg/L	J	J	V	Compound was reported below the RL	24489
HAR-29	10/26/2010	Primary Sample	8315A	Formaldehyde	Primary Result	50	µg/L	JB	U	V	Presumed contamination as indicated by the preparation (method) blank results.	24489
HAR-30	10/27/2010	Primary Sample	350.1	Ammonia-N	Primary Result	0.097	mg/L	J	J	V	Compound was reported below the RL	24489
HAR-30	10/27/2010	Primary Sample	6010B	Potassium	Primary Result	2.1	mg/L	J	J	V	Compound was reported below the RL	24489
HAR-30	10/27/2010	Primary Sample	6010B	Potassium, Dissolved	Primary Result	2.2	mg/L	JB	J	V	Compound was reported below the RL	24489
HAR-30	10/27/2010	Primary Sample	8315A	Formaldehyde	Primary Result	50	µg/L	JB	U	V	Presumed contamination as indicated by the preparation (method) blank results.	24489
HAR-30	11/19/2010	Primary Sample	6020	Antimony	Primary Result	0.00009	mg/L	J	J	V	Compound was reported below the RL	24579
HAR-30	11/19/2010	Primary Sample	6020	Antimony, Dissolved	Primary Result	0.00012	mg/L	J	J	V	Compound was reported below the RL	24579
HAR-30	11/19/2010	Primary Sample	6020	Arsenic	Primary Result	0.0021	mg/L	J	J	V	Compound was reported below the RL	24579
HAR-30	11/19/2010	Primary Sample	6020	Arsenic, Dissolved	Primary Result	0.0035	mg/L	J	J	V	Compound was reported below the RL	24579
HAR-30	10/27/2010	Primary Sample	300.0	Fluoride	Primary Result	0.49	mg/L	J	J	V	Compound was reported below the RL	24489
HAR-30	10/27/2010	Primary Sample	300.0	Nitrate-NO3	Primary Result	1	mg/L	J	J	V	Compound was reported below the RL	24489
HAR-30	11/19/2010	Primary Sample	6020	Cobalt	Primary Result	0.0002	mg/L	J	J	V	Compound was reported below the RL	24579
HAR-30	11/19/2010	Primary Sample	6020	Nickel	Primary Result	0.0016	mg/L	J	J	V	Compound was reported below the RL	24579
HAR-30	11/19/2010	Primary Sample	6020	Silver, Dissolved	Primary Result	0.000019	mg/L	J	J	V	Compound was reported below the RL	24579
HAR-30	11/19/2010	Primary Sample	6020	Thallium	Primary Result	0.000036	mg/L	JB	U	V	Presumed contamination as indicated by the preparation (method) blank results.	24579
HAR-30	11/19/2010	Primary Sample	6020	Cobalt, Dissolved	Primary Result	0.00023	mg/L	JB	J	V	Compound was reported below the RL	24579
HAR-30	11/19/2010	Primary Sample	6020	Nickel, Dissolved	Primary Result	0.0018	mg/L	J	J	V	Compound was reported below the RL	24579
HAR-30	11/19/2010	Primary Sample	6020	Selenium, Dissolved	Primary Result	0.00085	mg/L	J	J	V	Compound was reported below the RL	24579
HAR-30	11/19/2010	Primary Sample	6020	Thallium, Dissolved	Primary Result	0.000041	mg/L	J	J	V	Compound was reported below the RL	24579
HAR-30	11/19/2010	Primary Sample	6020	Tin	Primary Result	0.00026	mg/L	JB	U	V	Presumed contamination as indicated by the preparation (method) blank results.	24579

HAR-30	11/19/2010	Primary Sample	6020	Tin, Dissolved	Primary Result	0.00035	mg/L	JB	U	V	Presumed contamination as indicated by the preparation (method) blank results.	24579
HAR-30	11/19/2010	Primary Sample	6020	Vanadium	Primary Result	0.00027	mg/L	J	J	V	Compound was reported below the RL	24579
HAR-30	11/19/2010	Primary Sample	6020	Vanadium, Dissolved	Primary Result	0.00033	mg/L	J	J	V	Compound was reported below the RL	24579
HAR-30	11/19/2010	Primary Sample	8260B	2-Hexanone	Primary Result	1.7	µg/L	U	UJ	V	MS/MSD recovery was poor or RPD was high	24579
HAR-30	11/19/2010	Primary Sample	8260B	Acrylonitrile	Primary Result	1.4	µg/L	U	UJ	V	Surrogate recovery was outside QC limits.	24579
HAR-30	11/19/2010	Primary Sample	8260B	cis-1,2-Dichloroethene	Primary Result	1.9	µg/L		J	V	Surrogate recovery was outside QC limits.	24579
HAR-30	11/19/2010	Primary Sample	8260B	Acrolein	Primary Result	2.8	µg/L	U	UJ	V	Surrogate recovery was outside QC limits.	24579
HAR-30	11/19/2010	Primary Sample	8260B	Styrene	Primary Result	0.17	µg/L	U	UJ	V	MS/MSD recovery was poor or RPD was high	24579
HAR-30	11/19/2010	Primary Sample	8260B	Trichloroethene	Primary Result	3.6	µg/L		J	V	Surrogate recovery was outside QC limits.	24579
HAR-30	11/19/2010	Primary Sample	9012	Cyanides	Primary Result	0.0026	mg/L	J	J	V	Compound was reported below the RL	24579
HAR-31	10/25/2010	Primary Sample	6010B	Potassium	Primary Result	1	mg/L	J	J	V	Compound was reported below the RL	24489
HAR-31	10/25/2010	Primary Sample	6010B	Potassium, Dissolved	Primary Result	1.2	mg/L	J	J	V	Compound was reported below the RL	24489
HAR-31	10/25/2010	Primary Sample	6010B	Manganese	Primary Result	0.0023	mg/L	J	J	V	Compound was reported below the RL	24489
HAR-31	10/25/2010	Primary Sample	6010B	Manganese, Dissolved	Primary Result	0.00083	mg/L	J	J	V	Compound was reported below the RL	24489
HAR-31	10/25/2010	Primary Sample	8260B	Trichloroethene	Primary Result	0.22	µg/L	J	J	V	Compound was reported below the RL	24489
HAR-31	10/25/2010	Primary Sample	8315A	Formaldehyde	Primary Result	50	µg/L	JB	U	V	Presumed contamination as indicated by the preparation (method) blank results.	24489
HAR-32	10/14/2010	Primary Sample	350.1	Ammonia-N	Primary Result	0.2	mg/L	J	J	V	Compound was reported below the RL	24332
HAR-32	10/14/2010	Primary Sample	8260B	Methylene chloride	Primary Result	20	µg/L	JB	U	V	Presumed contamination from preparation (method) and trip blank	24332
HAR-32	10/14/2010	Primary Sample	8260B	1,1-Dichloroethane	Primary Result	2.3	µg/L	J	J	V	Compound was reported below the RL	24332
HAR-32	10/14/2010	Primary Sample	8260B	Tetrachloroethene	Primary Result	0.84	µg/L	J	J	V	Compound was reported below the RL	24332
HAR-32	10/14/2010	Primary Sample	8260B SIM	1,4-Dioxane	Primary Result	1.5	µg/L	J	J	V	Compound was reported below the RL	24332
HAR-32	10/14/2010	Primary Sample	8315A	Formaldehyde	Primary Result	50	µg/L	JB	U	V	Presumed contamination as indicated by the preparation (method) blank results.	24332
HAR-33	10/15/2010	Primary Sample	350.1	Ammonia-N	Primary Result	0.065	mg/L	J	J	V	Compound was reported below the RL	24489
HAR-33	10/15/2010	Primary Sample	8260B	Trichloroethene	Primary Result	1	µg/L		J	V	Surrogate recovery was outside QC limits.	24489
HAR-33	10/15/2010	Primary Sample	8315	Formaldehyde	Primary Result	50	µg/L	J B	U	V	Presumed contamination as indicated by the preparation (method) blank results.	24489
HAR-33	10/15/2010	Primary Sample	9040B	pH	Primary Result	7.57	pH Units	HTV	J	V	Holding time was exceeded	24489
HAR-33	11/4/2010	Field Duplicate	8270C	bis(2-Ethylhexyl) phthalate	Primary Result	7.4	µg/L	J	J	IV	Compound was reported below the RL	24492
HAR-33	11/4/2010	Primary Sample	8270C	bis(2-Ethylhexyl) phthalate	Primary Result	3.7	µg/L	J	J	IV	Compound was reported below the RL	24492
HAR-33	11/4/2010	Split Sample	8270C	bis(2-Ethylhexyl) phthalate	Primary Result	3.03	µg/L	J	J	IV	Compound was reported below the RL	24492

TABLE F-3
SUMMARY OF FOURTH QUARTER 2010 DATA QUALIFICATION
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

NOTES AND ABBREVIATIONS

% RSD - percent relative standard deviation
%D - percent difference
%R - percent recovery
µg/L - micrograms per liter
B - Compound was found in the blank and in the sample.
HTV - holding time was exceeded
J - Result is estimated
LCS/LCSD - laboratory control spike/laboratory control spike duplicate
mg/L - milligrams per liter
MS/MSD - matrix spike/matrix spike duplicate
pg/L - picrograms per liter
QC - quality control
R - Result is rejected
RPD - relative percent difference
RRF - relative response factor
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.

Abridged Data

Pages 192 to 6,099 have been removed from this abridged version in order to limit file size.

Appendix F. Quality Assurance Assessment Data Validation Reports – 2010

First Quarter Data Validation Reports 2010

Second Quarter Data Validation Reports 2010

Third Quarter Data Validation Reports 2010

Fourth Quarter Data Validation Reports 2010