

Hanson Aggregates Mid-Pacific, Inc. 3000 Busch Road Pleasanton, CA 94566-8403

July 27, 2006

Mr. Jerry Wickham Hazardous Materials Specialist Alameda County Health Care Services Environmental Health Services 1131 Harbor Bay Parkway, Suite 250 Alameda, California 94502-6577

SUBJECT: SECOND QUARTER 2006

GROUNDWATER MONITORING AND SAMPLING REPORT

MISSION VALLEY ROCK COMPANY

7999 ATHENOUR WAY, SUNOL, CALIFORNIA

Dear Mr. Wickham,

Please find enclosed Tait Environmental Management's Second Quarter 2006 Groundwater Monitoring and Sampling Report on the above referenced site.

I declare, under penalty of perjury, that the information and/or recommendations contained in the attached document or report is true and correct to the best of my knowledge.

If you have any questions, please don't hesitate to contact the undersigned at (925) 426-4170.

Sincerely,

Lee W. Cover

Environmental Manager

Hanson Aggregates Mid-Pacific, Inc.

Cee W. com

Cc: Bill Butler, Hanson Aggregates Mid-Pacific, Inc.

Second Quarter 2006 Groundwater Monitoring and Sampling Report

Mission Valley Rock Company 7999 Athenour Way Sunol, California

Prepared by: Tait Environmental Management, Inc.

July 27, 2006

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Second Quarter 2006 Groundwater Monitoring and Sampling Report

Mission Valley Rock Company 7999 Athenour Way Sunol, California

Prepared for:

Mr. Lee Cover Hanson Aggregates Northern California 3000 Busch Rd., Pleasanton, CA 94566

Prepared by:

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Reviewed by:

Tait Environmental Management

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Project No. EM-5009C

TABLE OF CONTENTS

1.0	INTRODUCTION2
2.0	OBJECTIVE AND SCOPE OF WORK
3.0	BACKGROUND2
4.0	SITE HYDROGEOLOGY2
5.0	GROUNDWATER MONITORING WELL PURGING AND SAMPLING3
6.0	LABORATORY ANALYSES3
7.0	SUMMARY OF ACTIVITIES AND FINDINGS4
8.0	QUALITY ASSURANCE/QUALITY CONTROL5
9.0	REFERENCES5
10.0	LIMITATIONS6
FIGU	JRES
1. 2. 3. 4.	Site Vicinity Map Site Plan Second Quarter 2006 Groundwater Contour Map (Shallow Zone) Second Quarter 2006 Groundwater Contour Map (Deep Zone)
5. 6. 7. 8.	Second Quarter 2006 Groundwater Contour Map (Livermore Formation) Second Quarter 2006 – TPHg Concentrations in Groundwater (Shallow Zone) Second Quarter 2006 – TPHg Concentrations in Groundwater (Deep Zone) Second Quarter 2006 – TPHg Concentrations in Groundwater (Livermore Formation)
9. 10. 11. 12.	Second Quarter 2006 – MTBE Concentrations in Groundwater (Shallow Zone) Second Quarter 2006 – MTBE Concentrations in Groundwater (Deep Zone) Second Quarter 2006 – MTBE Concentrations in Groundwater (Livermore Formation) Second Quarter 2006 – Benzene Concentrations in Groundwater (Shallow Zone) Second Quarter 2006 – Benzene Concentrations in Groundwater (Deep Zone)
13. 14	Second Quarter 2006 – Benzene Concentration is Groundwater (Livermore Formation)

TABLES

- Well Construction Details and Groundwater Elevation Data Second Quarter 2006 1.
- 2.
- Historical Groundwater Gauging Data Groundwater Analytical Results Second Quarter 2006 Historical Groundwater Analytical Results 3.
- 4.

APPENDICES

- A.
- B.
- Cross Sections Sampling Data Sheets Certificate of Disposal Laboratory Report C.
- D.

Second Quarter 2006 Groundwater Monitoring and Sampling Report Mission Valley Rock Company Sunol, California

1.0 INTRODUCTION

This report summarizes the Second Quarter 2006 groundwater monitoring and sampling event conducted at the Mission Valley Rock Company (site) located at 7999 Athenour Way in Sunol, California (Figure 1). The wells were sampled as part of the Second Quarter 2006 groundwater monitoring and sampling program.

2.0 OBJECTIVE AND SCOPE OF WORK

The objective of the proposed scope of work was to monitor and sample the existing groundwater monitoring wells at the site (Figure 2).

The scope of work that Tait Environmental Management (TEM) developed to meet the objectives included the following tasks:

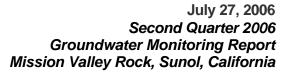
- Groundwater Monitoring & Sampling
- Laboratory Analyses
- Report Preparation
- Non-hazardous Waste Disposal

3.0 BACKGROUND

In May 1996, Tank Protect Engineering (TPE) removed one gasoline and two diesel underground storage tanks (USTs). During June 1998, three groundwater monitoring wells (MW-1, MW-2, and MW-3) were installed at the site. Quarterly groundwater monitoring continued from January 1999 through March 2000 (TEM, 2000).

In June 2000, TEM assumed the contract for environmental services at the site. In December 2002, eight soil borings (TB-1 through TB-8) were drilled and sampled at the site using a direct-push rig.

In January 2005, eight additional soil borings were advanced at the site using a hollow-stem auger drill rig. Six of the borings were converted to single-, double-, and triple-completion groundwater monitoring wells for a total of 12 wells (MW-2S, MW-2M, MW-2D, MW-4S, MW-4D, MW-5S, MW-6S, MW-6B, MW-6D, MW-7S, MW-7D, MW-8). Shallow wells were designated with an "S" and deep wells were designated with a "D". Groundwater monitoring well MW-2 was abandoned. The work was performed in accordance with the Alameda County Environmental Health Services (ACEHS) directive of November 16, 2004, which requested the collection of depth-discrete groundwater samples from the site (ACEHS, 2004)





In April and May 2006, LFR, Inc. (LFR) installed, developed, sampled, and surveyed 12 additional wells (MW-9S, MW-9D, MW-9LF, MW-10S, MW-10D, MW-10LF, MW-11S, MW-11D, MW-11LF, MW-12S, MW-12D, and MW-12LF in four well clusters, which were located peripherally to the existing wells. The "LF" wells were screened in the Livermore Formation below the deep-zone wells.

The newly installed wells were surveyed and added to the groundwater monitoring and sampling schedule during the Second Quarter 2006. Data concerning the wells installed in April and May 2006 were provided to TEM by LFR. Quarterly groundwater monitoring and sampling have been conducted by TEM from the Fourth Quarter 2000 through the present.

4.0 SITE HYDROGEOLOGY

The site is located within the Sunol Valley at an elevation of approximately 260 feet above mean sea level (USGS, 1989). The land surface at the site has been disturbed by excavation activities; however, the natural surface slopes at a gradient of approximately 35 feet per mile toward San Antonio Creek to the east-northeast. San Antonio Creek flow is toward the northwest.

Drilling and sampling activities at the site indicate that a discontinuous clay layer is present below the surficial gravels to depths of 10 to 15 feet below ground surface (bgs), with the exception of the area at MW-2S/2M/2D, where the clay layer extends to a depth of 25 feet bgs (TEM, 2005). Soils below the clay layer to the maximum depth explored (30 feet bgs) consist primarily of gravelly sand and sandy gravel mixtures. The top of the Livermore Formation is not well defined; however, the Livermore Formation appears to contain a higher percentage of fine-grained material, primarily silt, than the overlying higher permeability gravels. Cross sections showing the site hydrogeology and the analytical results from soil samples collected during assessment activities are contained in Appendix A.

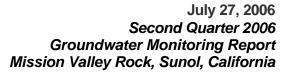
Groundwater levels are measured from the shallow-zone, deep-zone, and Livermore Formation wells. The levels are generally similar between the zones, and the groundwater zones appear to be generally hydraulically continuous.

Based on the Second Quarter 2006 groundwater monitoring data, the overall depth to groundwater at the site ranged from 2.47 feet bgs in well MW-1 to 5.92 feet bgs in well MW-12LF. In general, groundwater levels have declined one to two feet relative to the First Quarter 2006 monitoring event.

Groundwater in the shallow-zone wells is flowing in an east-sourteasterly direction at an approximate gradient of 0.01 foot/foot (ft/ft) (Figure 3). Groundwater in the deep-zone wells is flowing in an easterly to east-southeasterly direction at a gradient ranging from approximately 0.019 feet in the western part of the area to a shallower gradient of approximately 0.008 ft/ft in the east (Figure 4). Groundwater in the Livermore Formation is flowing in an easterly direction at a gradient ranging from approximately to 0.016 ft/ft in the western part of the area to 0.008 ft/ft in the east (Figure 5). The flow direction in each of the flow regimes is opposite to the regional

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northwesterly groundwater flow direction in the Sunol Valley as reported by the ACEHS in their letter to Mission Valley Rock Company, dated November 3, 2005 (ACEHS, 2005). The variation from the regional trend may reflect local conditions, and the groundwater levels at the site may be affected by excavation and pumping operations related to aggregate extraction at the site.

5.0 GROUNDWATER MONITORING WELL PURGING AND SAMPLING

On June 12, 2006, static groundwater levels were measured and recorded in the on-site groundwater monitoring wells using an electrical product/water interface meter. Water levels were measured relative to the top of the well casing (representing the wellhead survey point). Prior to use at each well, the meter was decontaminated with a mild detergent solution and two de-ionized water rinses. Groundwater gauging and elevation data for the Second Quarter 2006 event are summarized in Table 1. Historical groundwater elevation data are summarized in Table 2. Groundwater sampling data sheets are presented in Appendix B.

On June 12, 13, and 14, 2006, the groundwater monitoring wells were sampled using a Waterra inertial pump as part of the Second Quarter 2006 groundwater monitoring and sampling event. Groundwater samples were collected from 26 wells at the site. The samples were labeled, placed into an ice-chilled cooler (4°C), and transported under chain-of-custody protocols to SunStar Laboratories, Inc. (SunStar), a State-Certified laboratory (ELAP No. 2250) for chemical analysis. Approximately 250 gallons of purged groundwater were pumped into five steel 55-gallon drums during the sampling event. Groundwater samples were collected from the discharge end of the pump at low-flow levels and transferred into laboratory-supplied containers. Care was taken to ensure that no headspace was present in the containers.

Integrated Waste Management of Milpitas, California provided pick-up services for the drummed purge water generated by the monitoring activities. The drums were transported and disposed as non-hazardous water at Seaport Refining & Environmental in Redwood City, California on July 20, 2006. The Certificate of Disposal is contained in Appendix C.

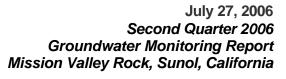
6.0 LABORATORY ANALYSES

The groundwater samples collected during the Second Quarter 2006 groundwater monitoring and sampling event were analyzed for:

- The diesel and gasoline fractions of Total Petroleum Hydrocarbons (TPHd and TPHg, respectively) using EPA Method No. 8015M.
- Benzene, toluene, ethylbenzene, total xylenes (BTEX); for methyl tertiary butyl ether (MTBE), and the other fuel oxygenates tertiary amyl methyl ether (TAME), tertiary butyl alcohol (TBA), di-isopropyl ether (DIPE), and ethyl tertiary-butyl ether (ETBE); and for volatile organic compounds (VOCs) using EPA Method No. 8260B (full scan).

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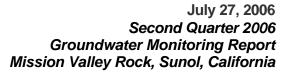
Contoured dissolved-phase TPHg concentrations in the shallow zone, deep zone, and Livermore Formation zone are presented in Figures 5, 7, and 8, respectively. Contoured dissolved-phase MTBE concentrations in the shallow zone, deep zone, and Livermore Formation zone are presented in Figures 9, 10, and 11, respectively. Contoured dissolved-phase benzene concentrations in the shallow zone, deep zone, and Livermore Formation zone are presented in Figures 12, 13, and 14, respectively.

Second Quarter 2006 groundwater analytical results are summarized in Table 3, and a copy of the laboratory analytical report is presented in Appendix D. Historical groundwater analytical results are summarized in Table 4.

7.0 SUMMARY OF ACTIVITIES AND FINDINGS

Based upon the data presented in this report, previous investigations, current regulatory guidelines, and the judgment of TEM, the following is a summary of activities and findings:

- Based on the depth to water measurements obtained by TEM, groundwater levels are
 one to two feet lower this quarter relative to the corresponding First Quarter 2006
 groundwater levels. The groundwater flow direction in all groundwater zones (shallow,
 deep, and Livermore Formation) is generally easterly to east-southeasterly at gradients
 ranging from 0.019 in the west to 0.008 in the east.
- Twenty-six (26) groundwater samples were collected from the monitoring wells at the site, and they were delivered to SunStar for analysis.
- A maximum TPHd concentration of 18,000 micrograms per liter (μg/L) was detected in well MW-11D. TPHd was not detected in MW-11D or MW-11LF during the initial sampling of these wells in May 2005 (Table 4). TPHd concentrations appear to be localized in the southern part of the area.
- A maximum TPHg concentration of 160,000 μg/L was detected in well MW-7D. Highest concentrations of TPHg appear to be localized in the central part of the area, particularly in the north in the vicinity of wells MW-7D and MW-9D.
- A maximum MTBE concentration of 240 μ g/L was detected in well MW-11LF. MTBE is localized in the southern part of the area in the vicinity of wells MW-2, MW-6, and MW-11 and is most widespread in the deep-zone wells. MTBE is notably absent in wells MW-7 and MW-9 in the northern part of the area.





- A maximum benzene concentration of 3,200 μg/L was detected in well MW-9D.
 Benzene tends to be localized in the northern part of the area in the vicinity of wells MW-7 and MW-9, although some minor impacts were noted in well MW-11D.
- Concentration trends of toluene, ethylbenzene, and total xylenes are similar to those of benzene.
- Ethylene dibromide (EDB) and 1,2-dichloroethane (1,2-DCA) were not detected above their respective reporting limits in any of the wells at the site.
- In general, TPHg and BTEX tend to be localized in the groundwater in the northern part of the area, upgradient of the former USTs, whereas TPHd and MTBE concentrations tend to be localized in the groundwater in the southern part of the area, downgradient of the former USTs. The data suggest the presence of more than one source for detected hydrocarbons in groundwater.
- The lateral extent of hydrocarbons in groundwater has not been defined north and south of the former UST area.

8.0 QUALITY ASSURANCE/QUALITY CONTROL

To increase the confidence levels in the data obtained and minimize the likelihood that judgments were made from potentially erroneous data, a quality assurance/quality control (QA/QC) program was implemented. QA refers to management of actions designed to maintain precision, accuracy, completeness, and representativeness of the data developed from the project. QC refers to accepted formal procedures and activities specifically designed for the purpose of collecting data that are intended to be reliable and consistent for the site conditions.

The program includes formal procedures for sampling, decontamination, instrument calibration, documentation of activities and calculations, and peer review. Routine QC procedures were performed by the laboratory and included daily calibration of instruments, percent surrogate recoveries and analysis of matrix spikes and matrix spike duplicates. The laboratory reported the results to be within acceptable percent recoveries with no results exceeding the laboratory-established control limits.

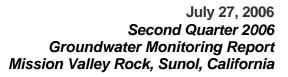
9.0 REFERENCES

Alameda County Environmental Health Services, November 16, 2004, *Fuel Leak Case No. RO0000207*, Mission Valley Rock and Asphalt, 7999 Anthenour Way, CA.

Alameda County Environmental Health Services, November 3, 2005, *Fuel Leak Case No. RO0000207*, Mission Valley Rock and Asphalt, 7999 Anthenour Way, CA.

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Tait Environmental Management, July 28, 2000, Second Quarter Report, June 2000, Mission Valley Rock Company, 7999 Athenour Way, Sunol, California 94586.

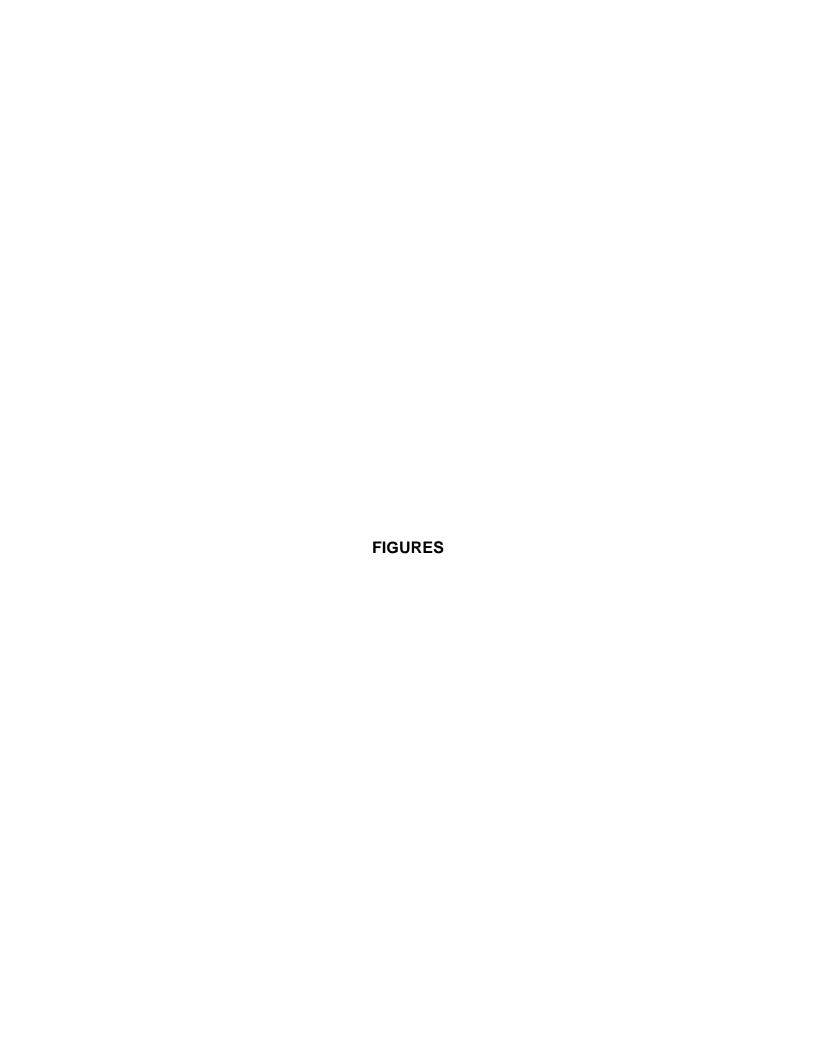
Tait Environmental Management, April 1, 2005, Site Assessment and First Quarter 2005 Groundwater Monitoring and Sampling Report, Mission Valley Rock Company, 7999 Athenour Way, Sunol, California 94586.

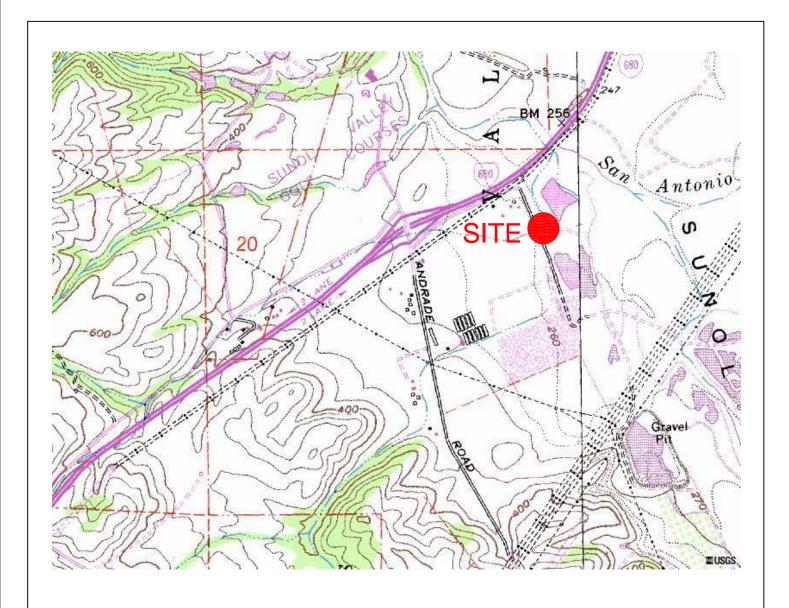
U.S. Geological Survey (USGS), 1989, Fremont 7.5 Minute Topographic Quadrangle Map, 1:24,000.

10.0 LIMITATIONS

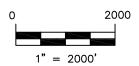
No investigation is considered thorough enough to exclude the presence of hazardous materials at a given site. Opinions and/or recommendations presented apply to site conditions existing at the time of the performance of services and TEM is unable to report on or accurately predict events which may impact the site following conduct of the described services, whether occurring naturally or caused by external forces. No responsibility is assumed by TEM for conditions it is not authorized to investigate, or conditions not generally recognized as environmentally unacceptable at the time services were performed. Services hereunder were performed in accordance with our agreement and understanding with, and solely for the use of, Mission Valley Rock. TEM is not responsible for the subsequent separation, detachment or partial use of this document. Any reliance on this report by a third party shall be at such party's sole risk.

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BASE MAP OBTAINED FROM TERRASERVER.COM, UNITED STATES GEOLOGICAL SURVEY (USGS), FREMONT QUADRANGLE, ALAMEDA COUNTY, CALIFORNIA. PRINTED JULY 1, 1989.

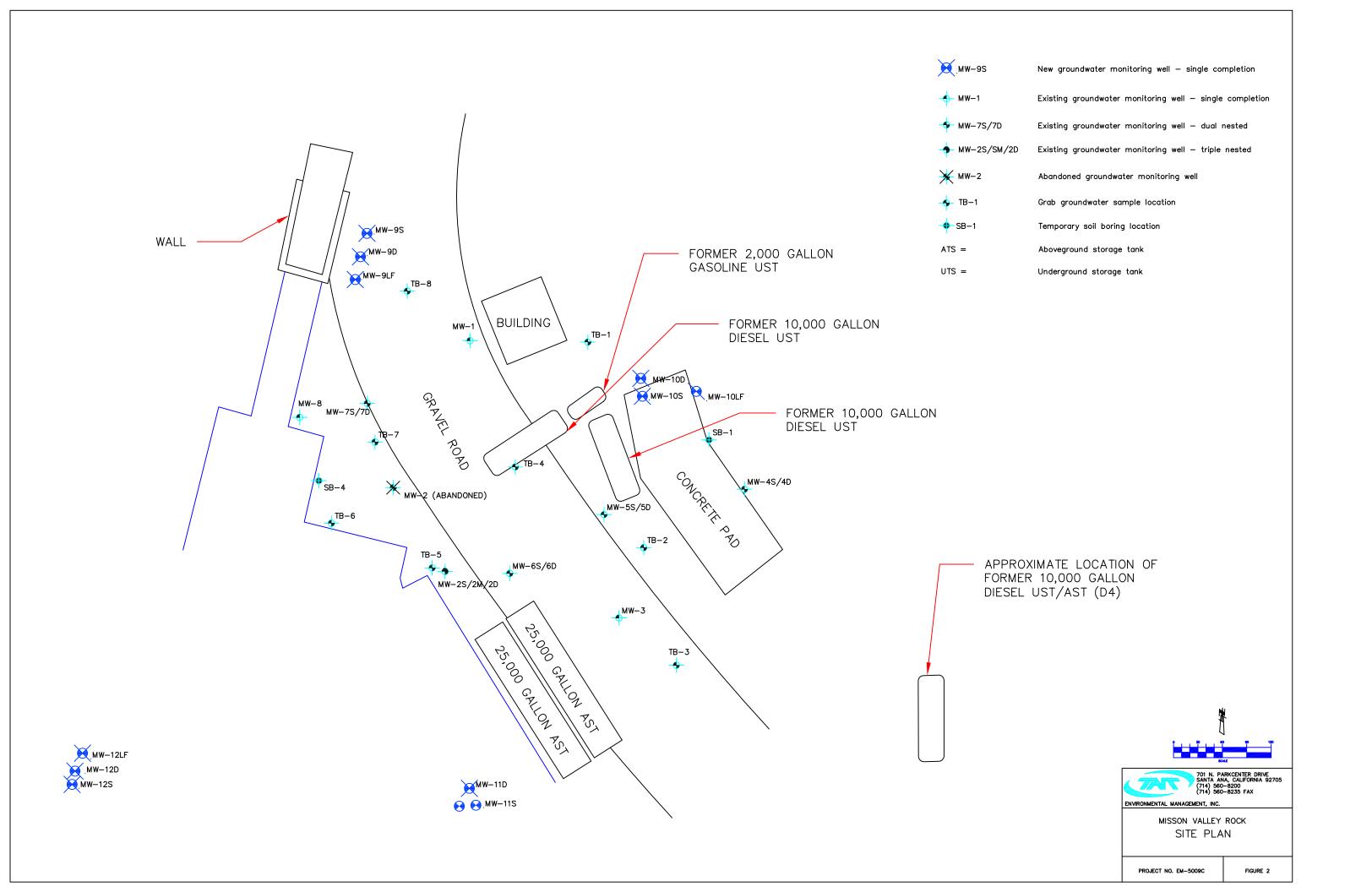


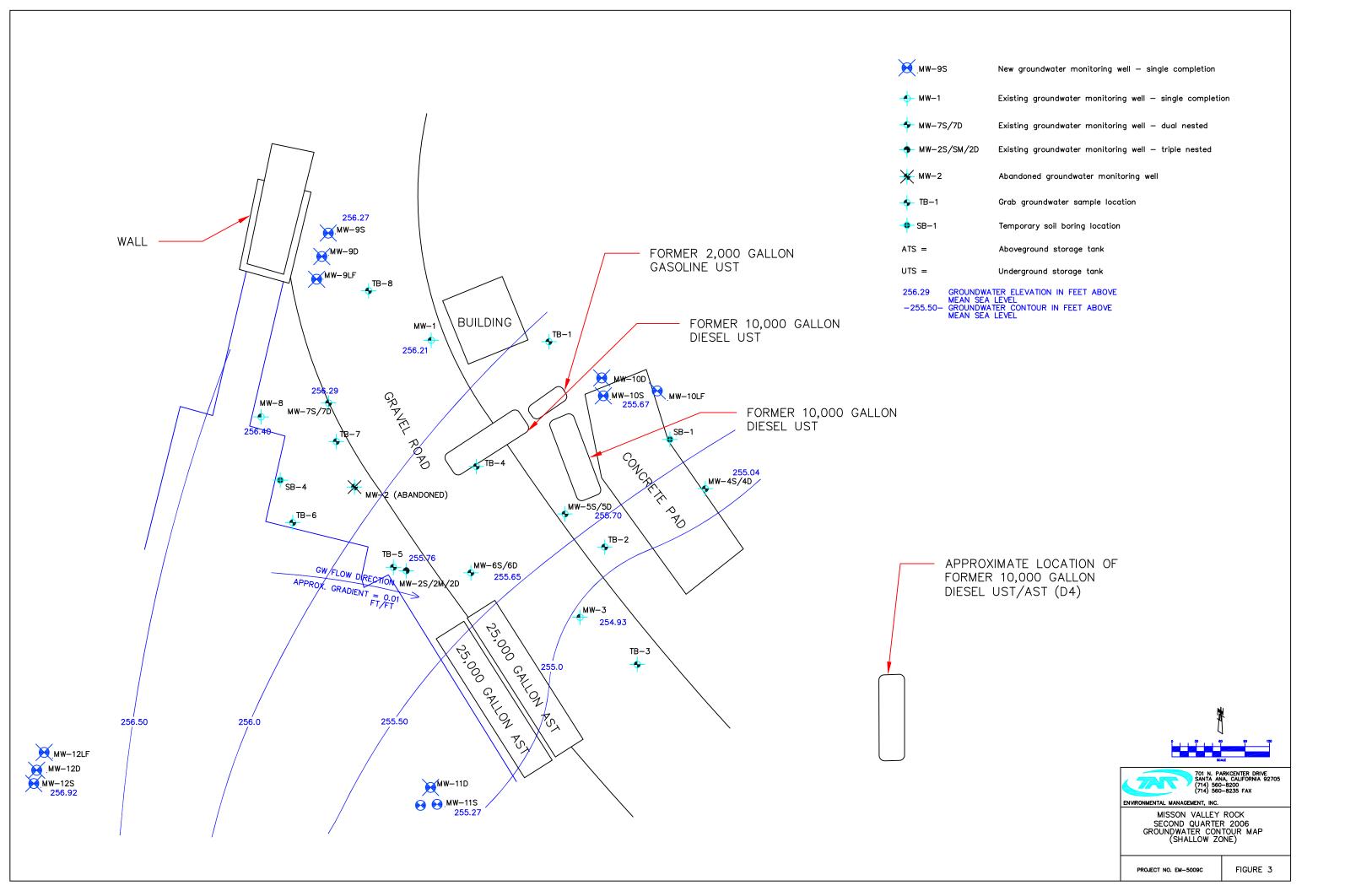
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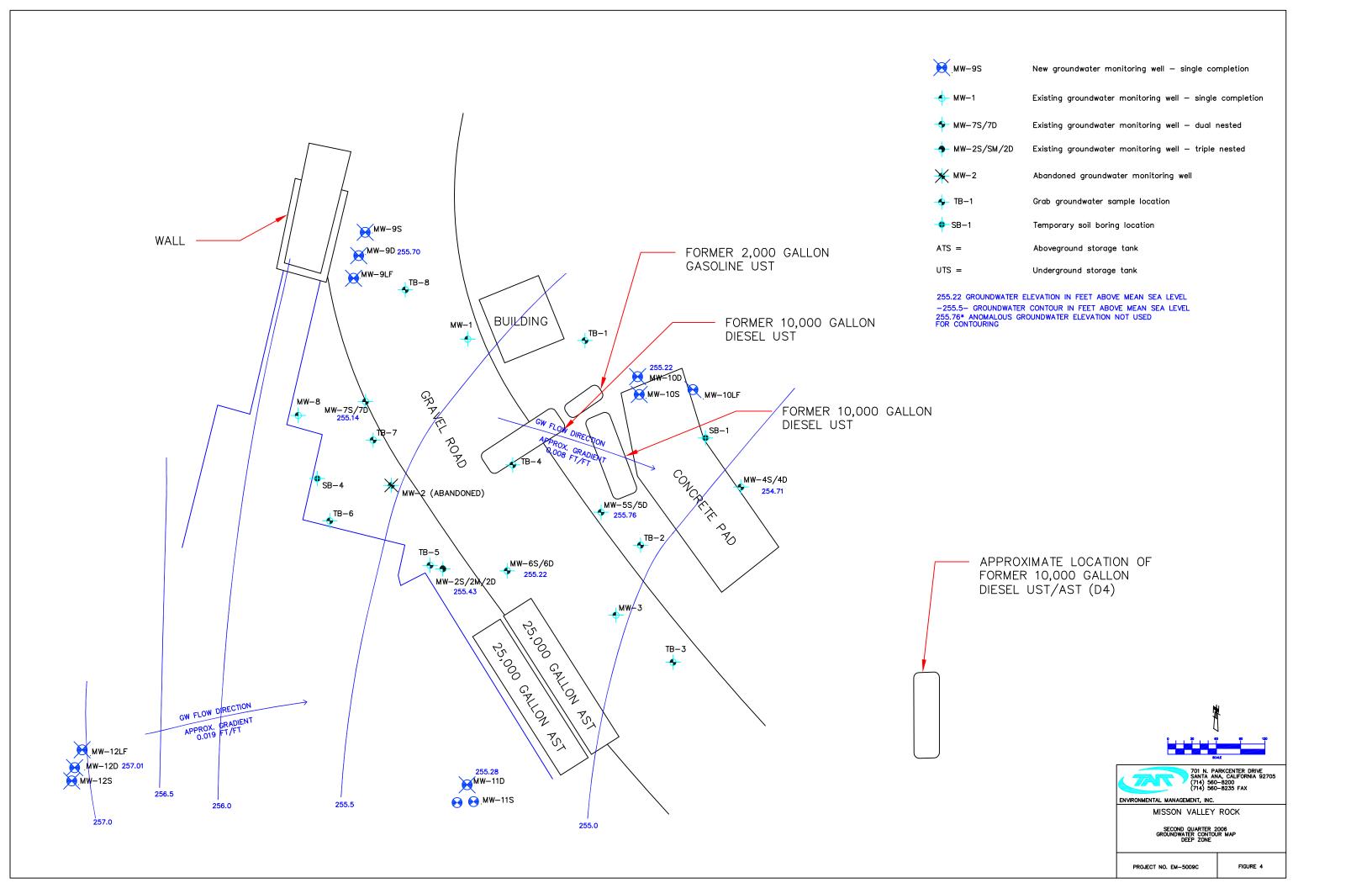
SITE VICINITY MAP MISSION VALLEY ROCK CO. 7999 ATHENOUR WAY SUNOL, CALIFORNIA

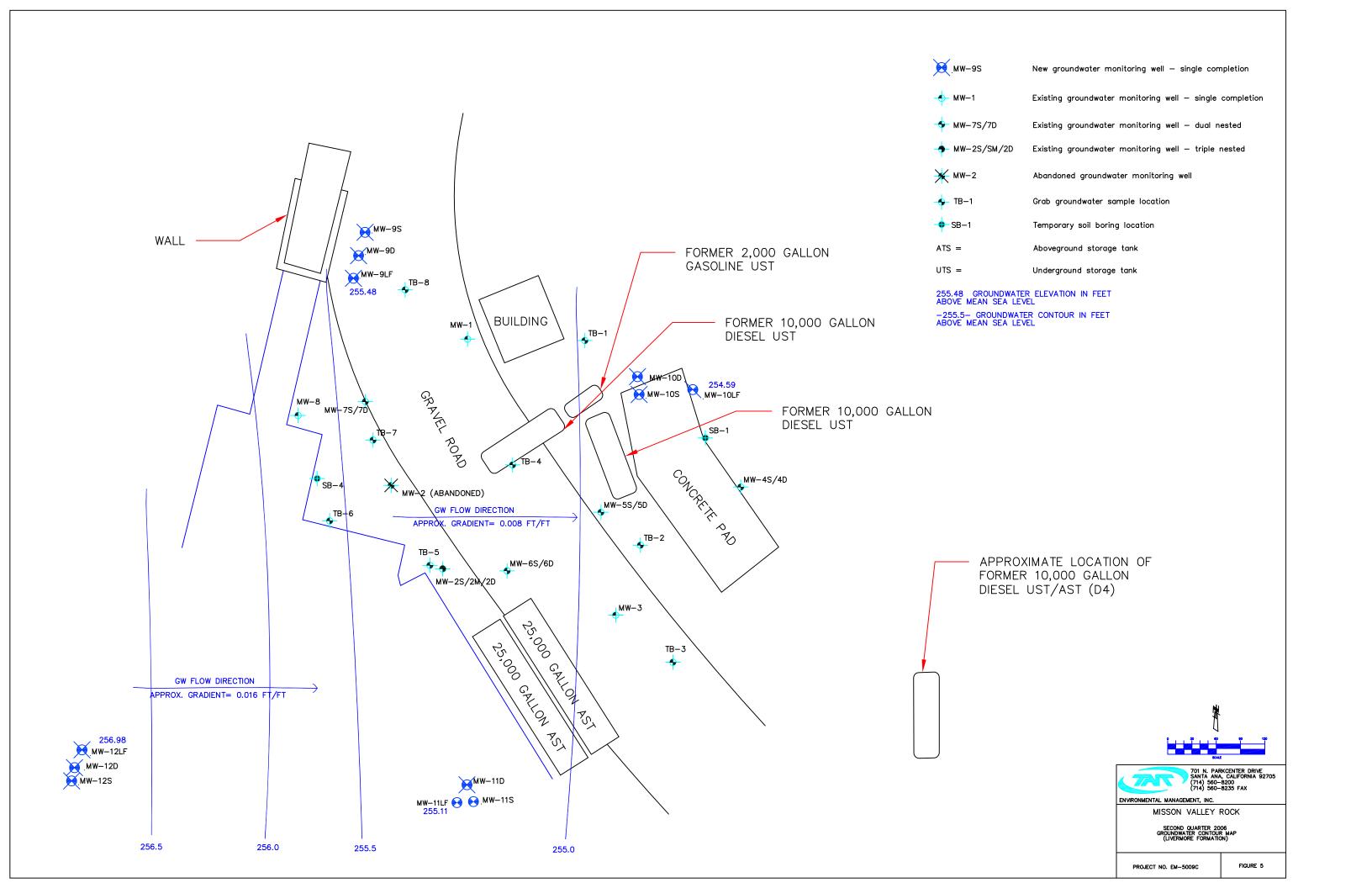
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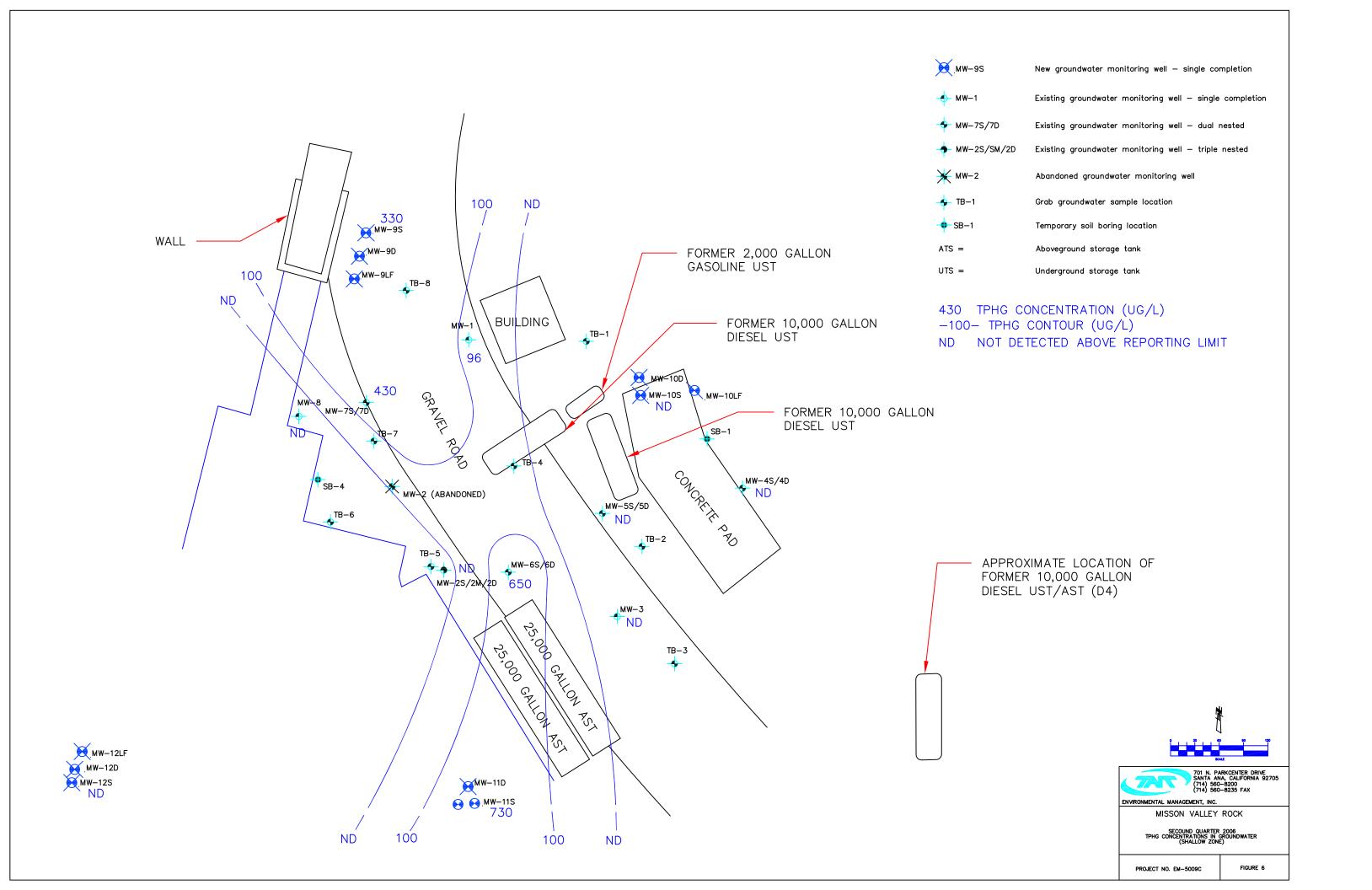
FIGURE 1

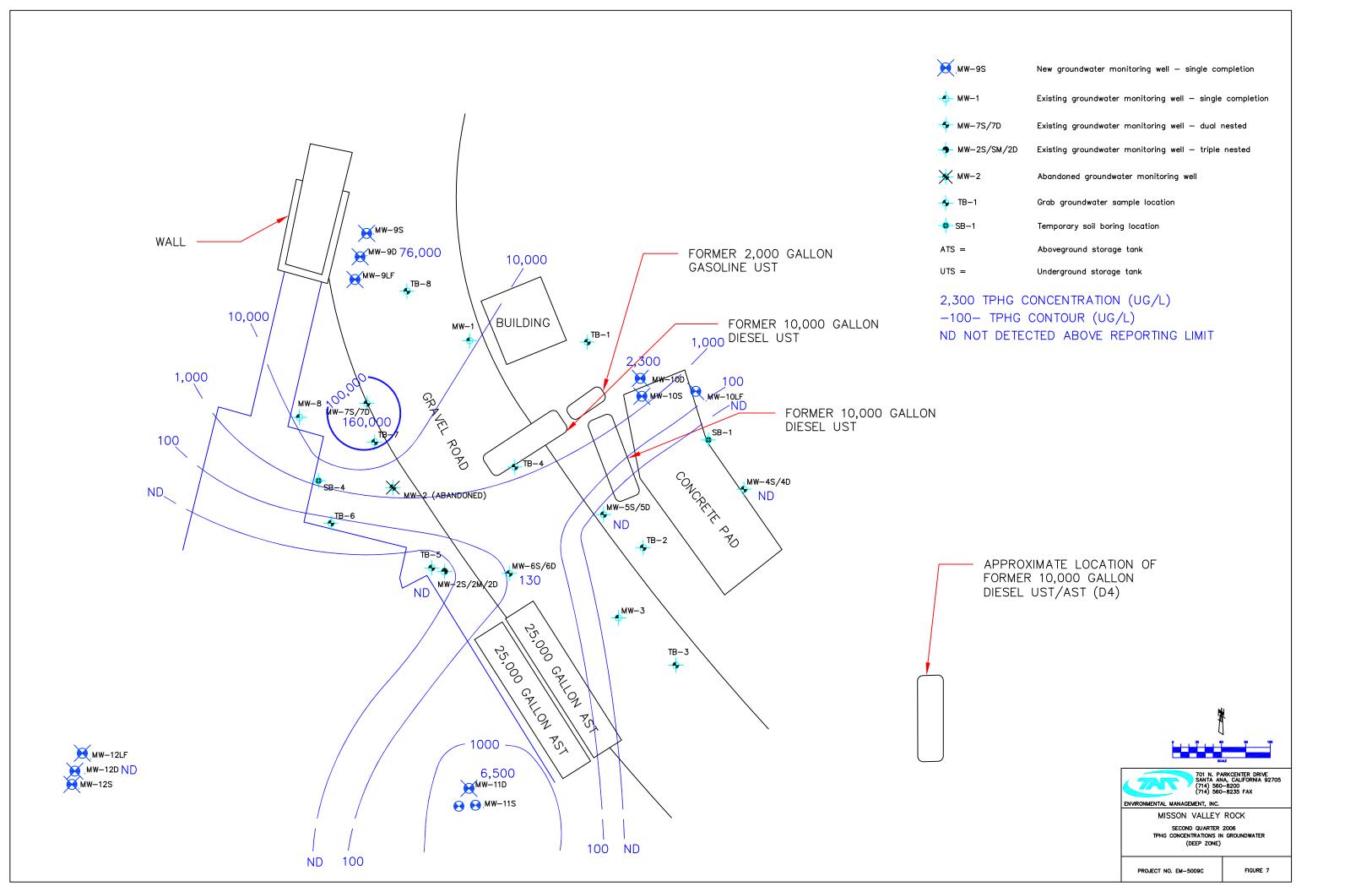


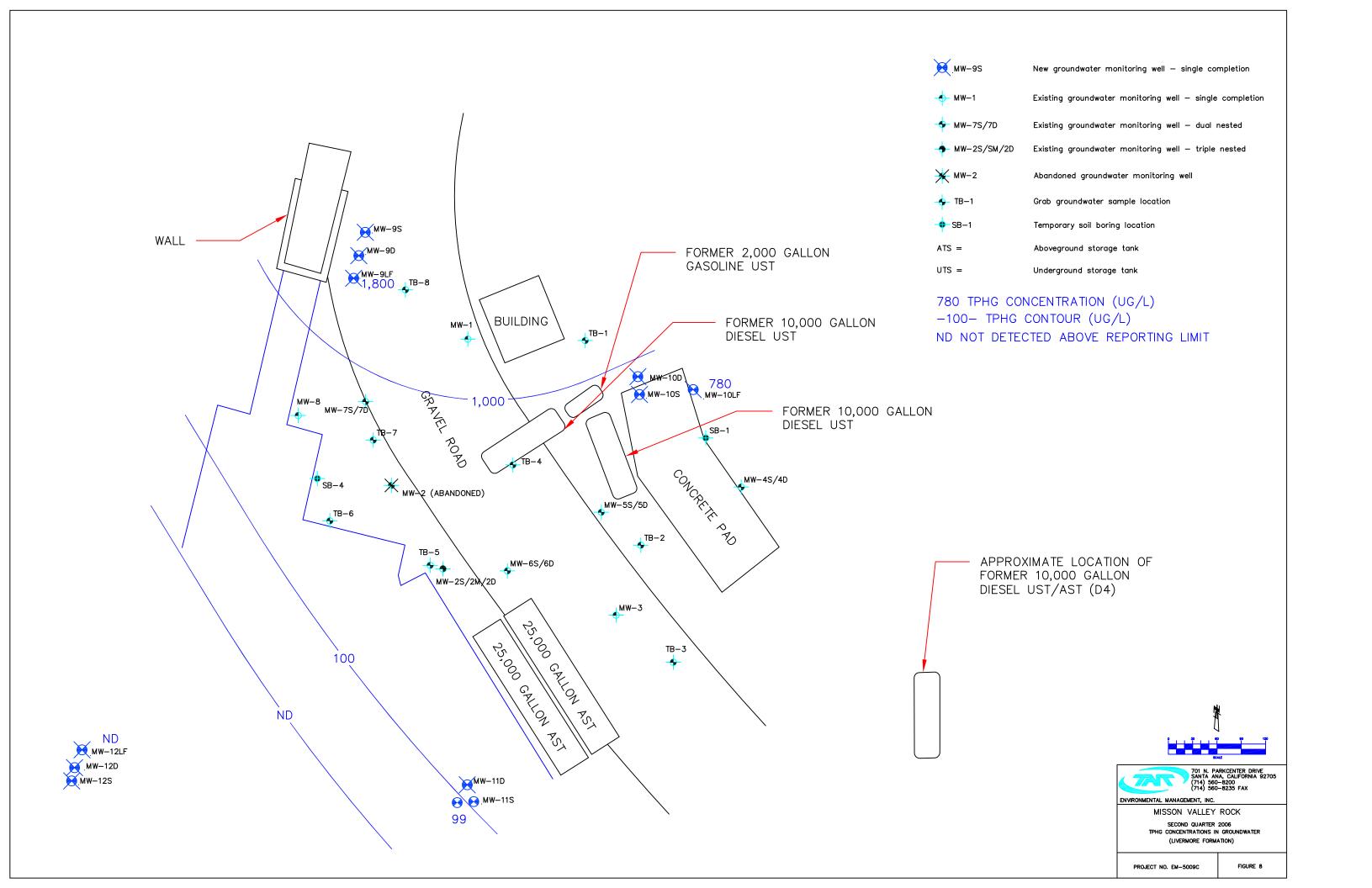


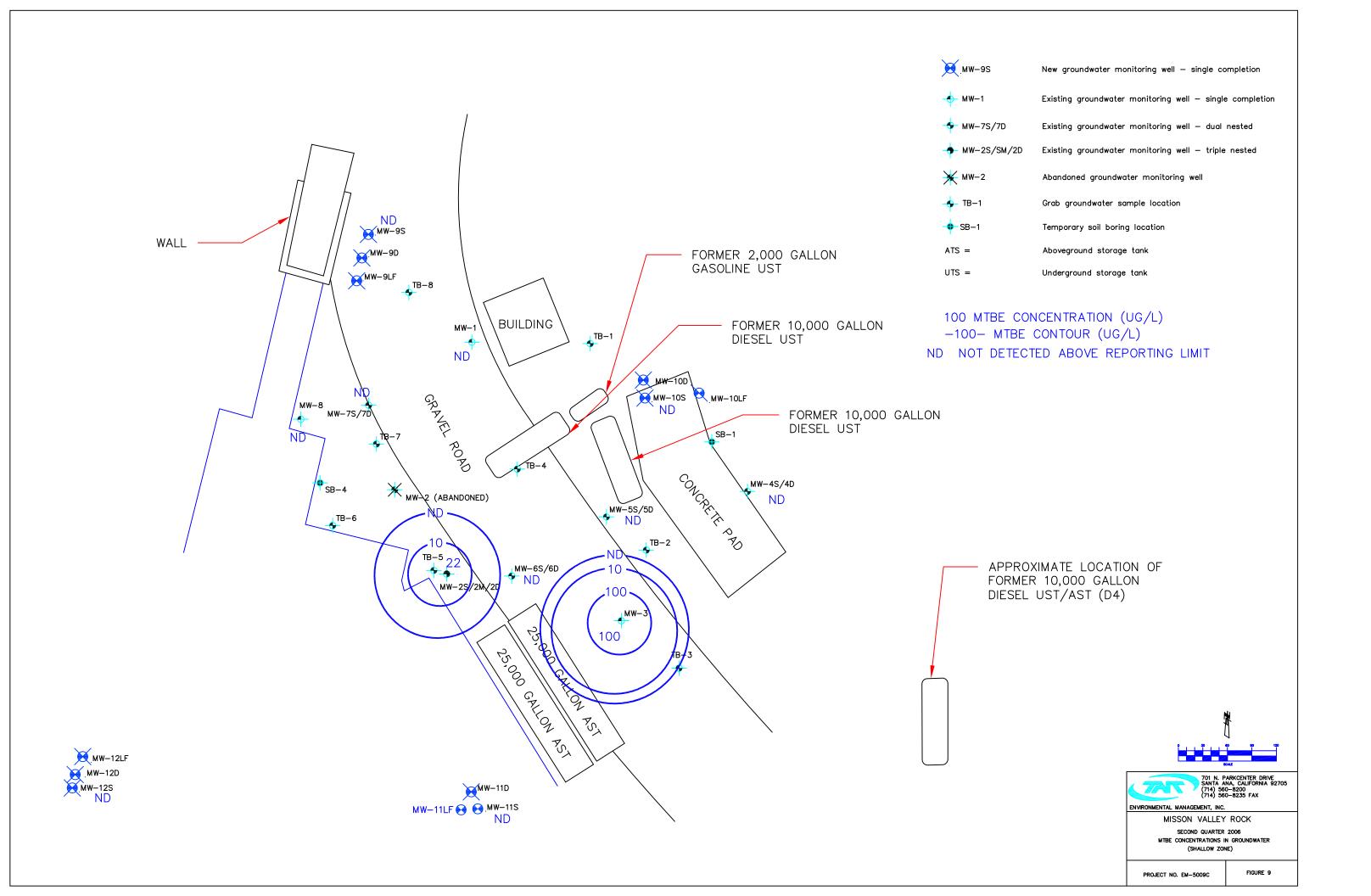


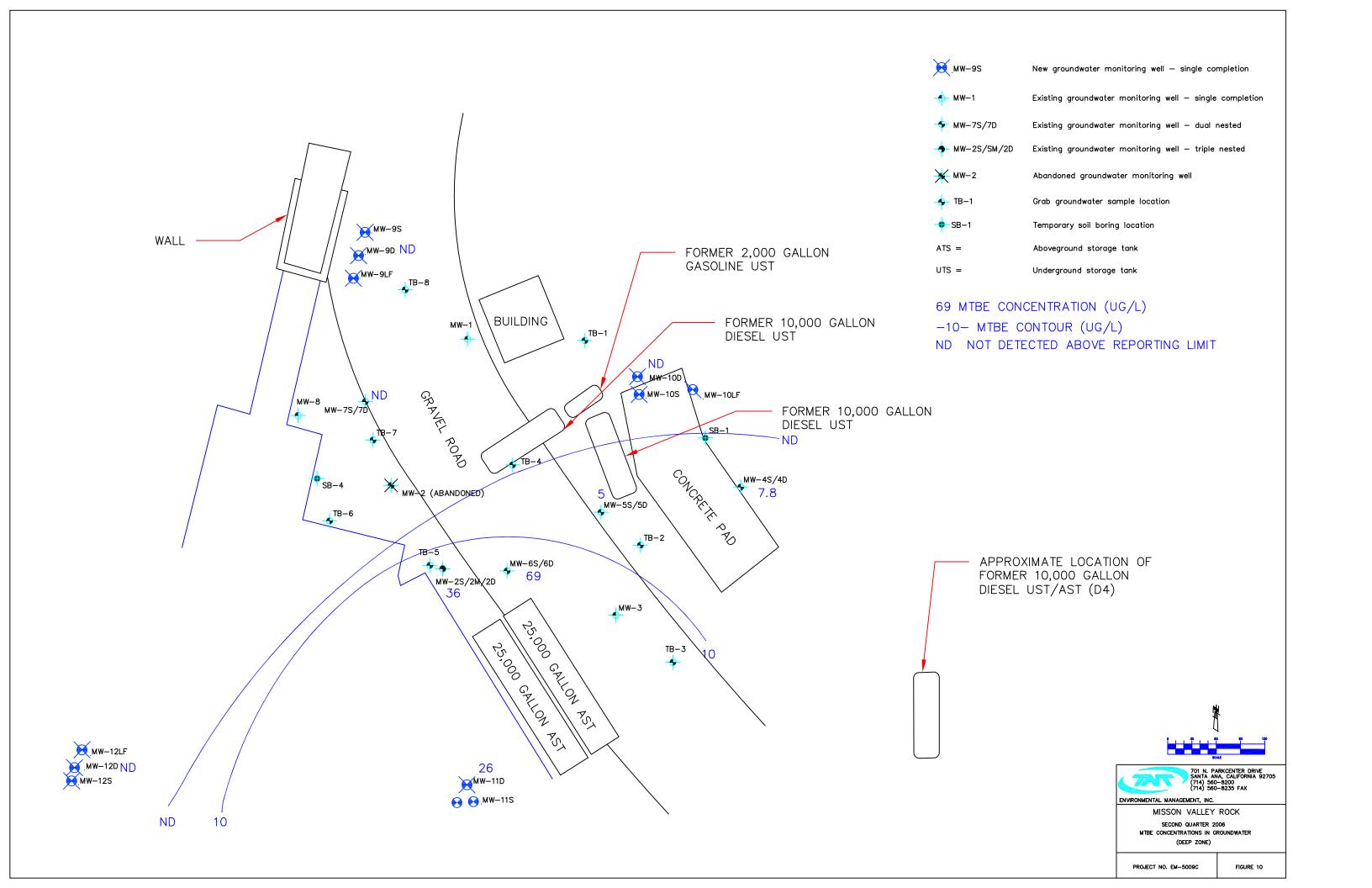


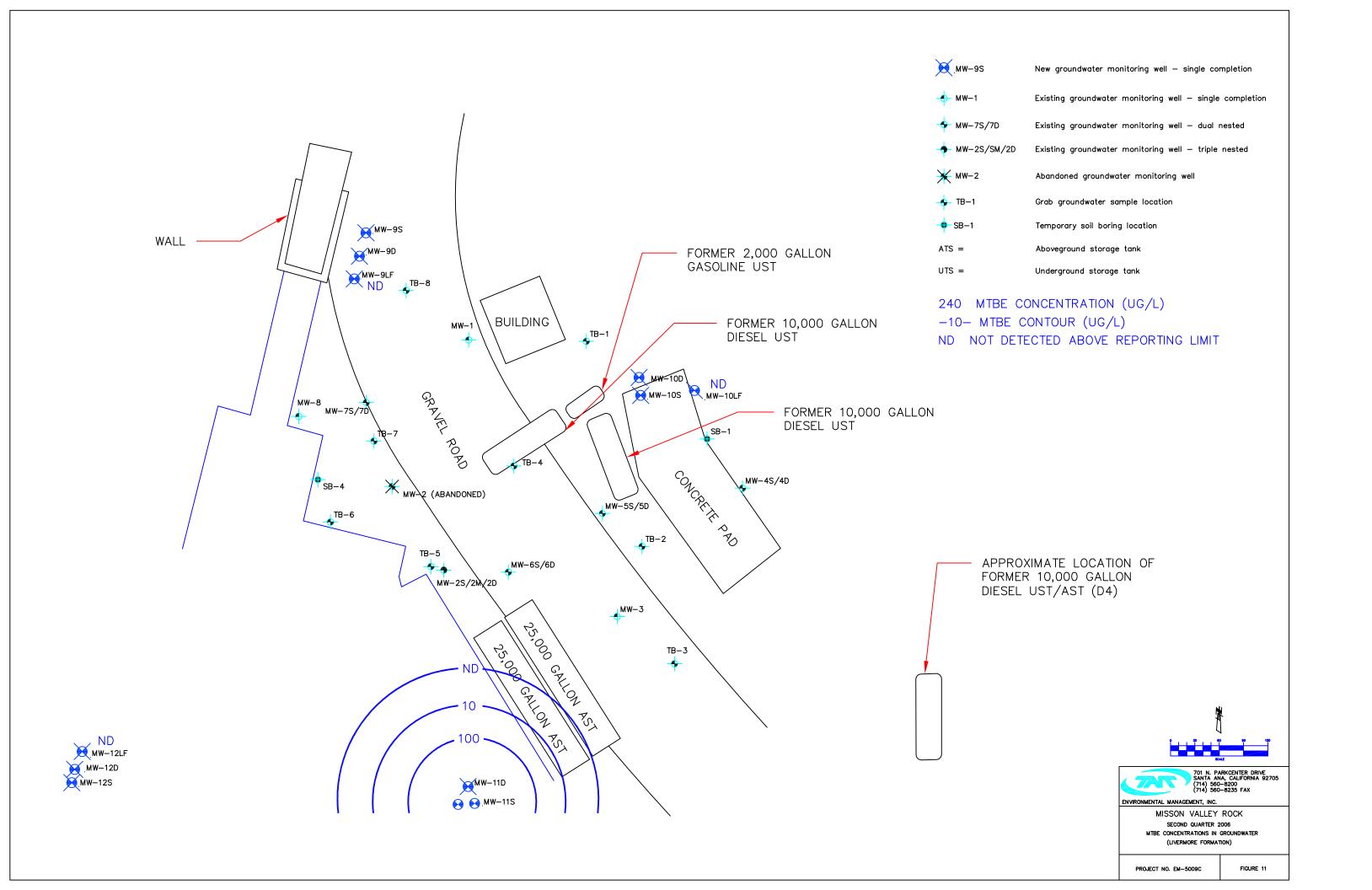


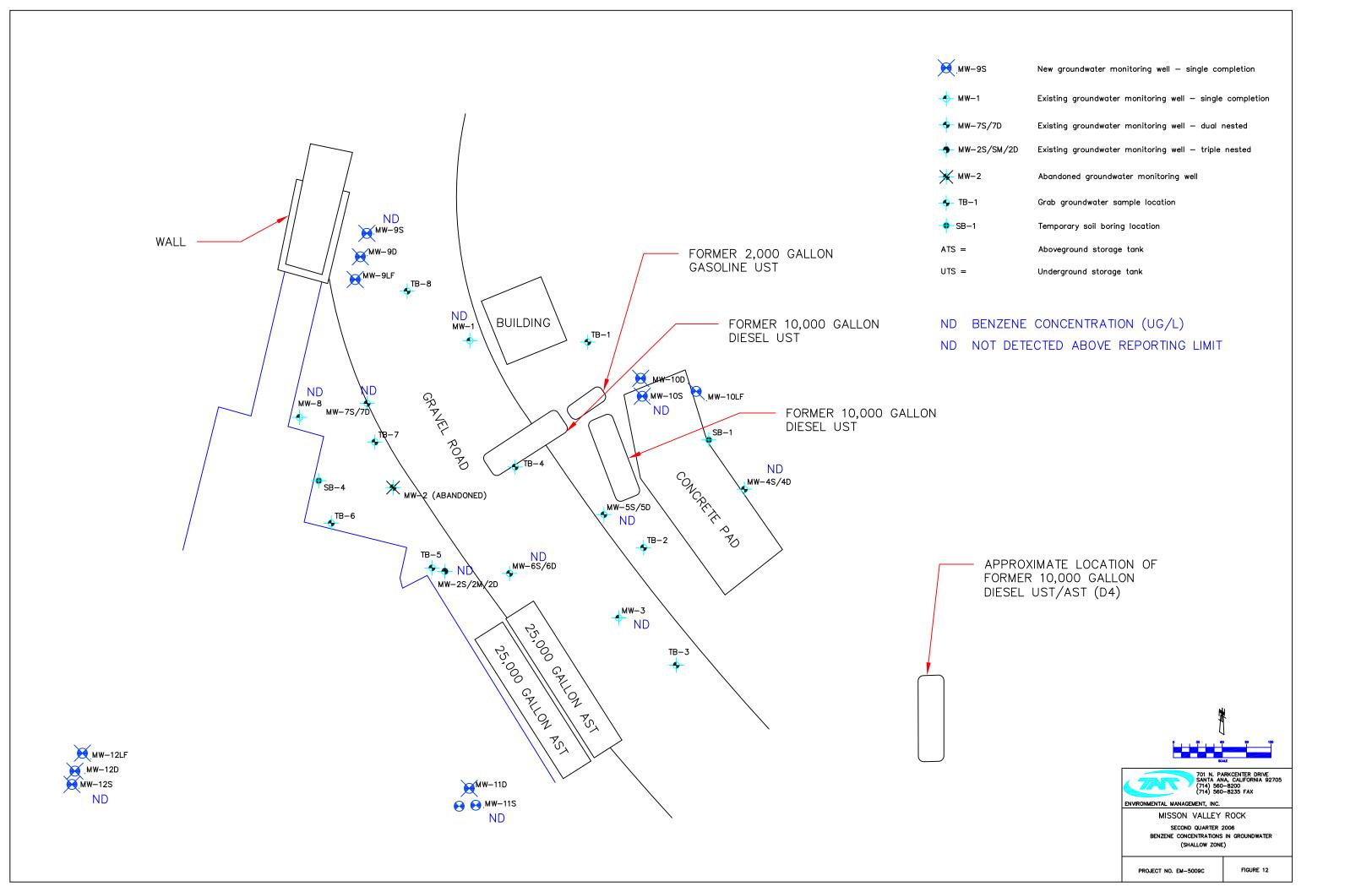


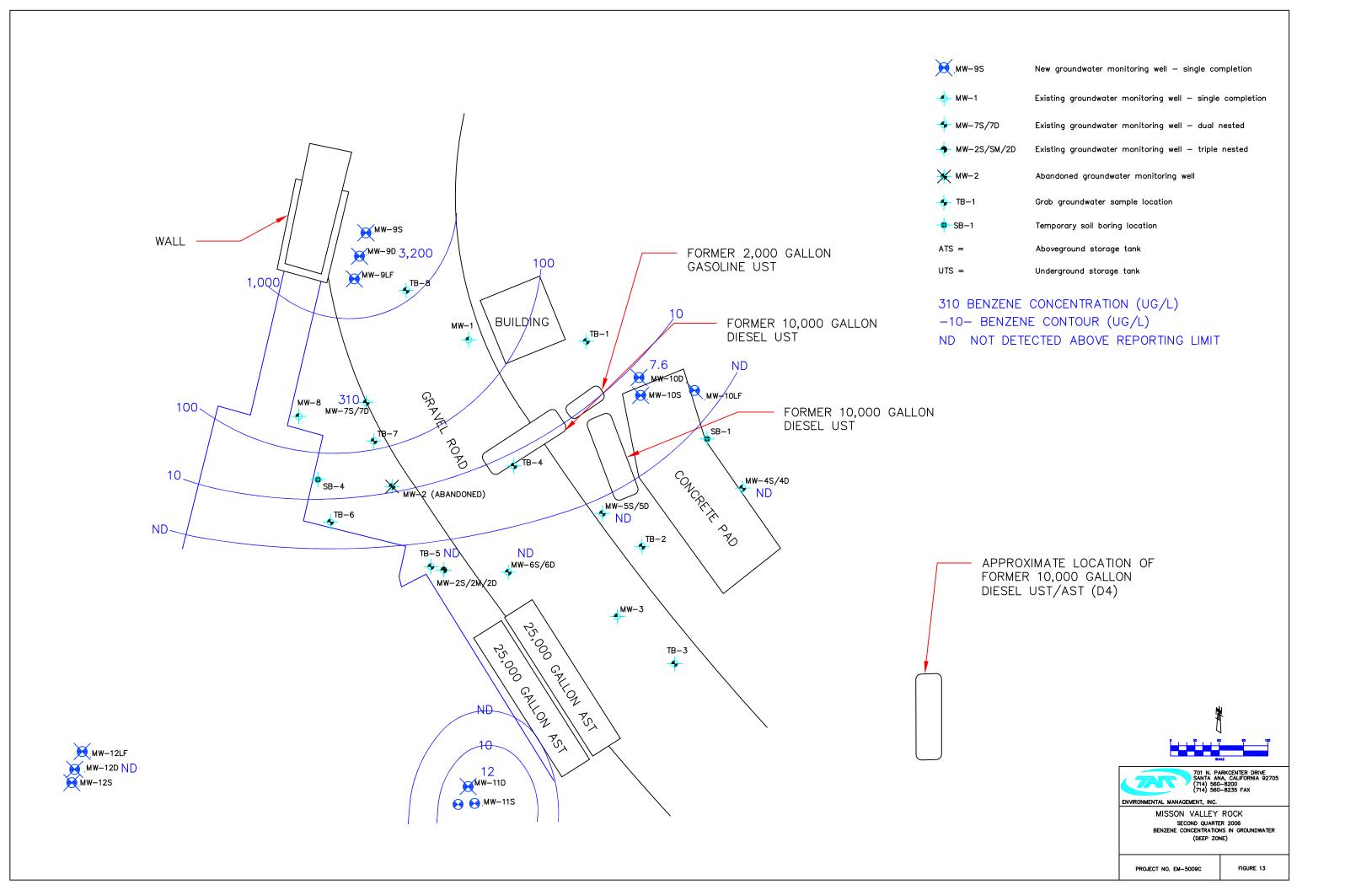












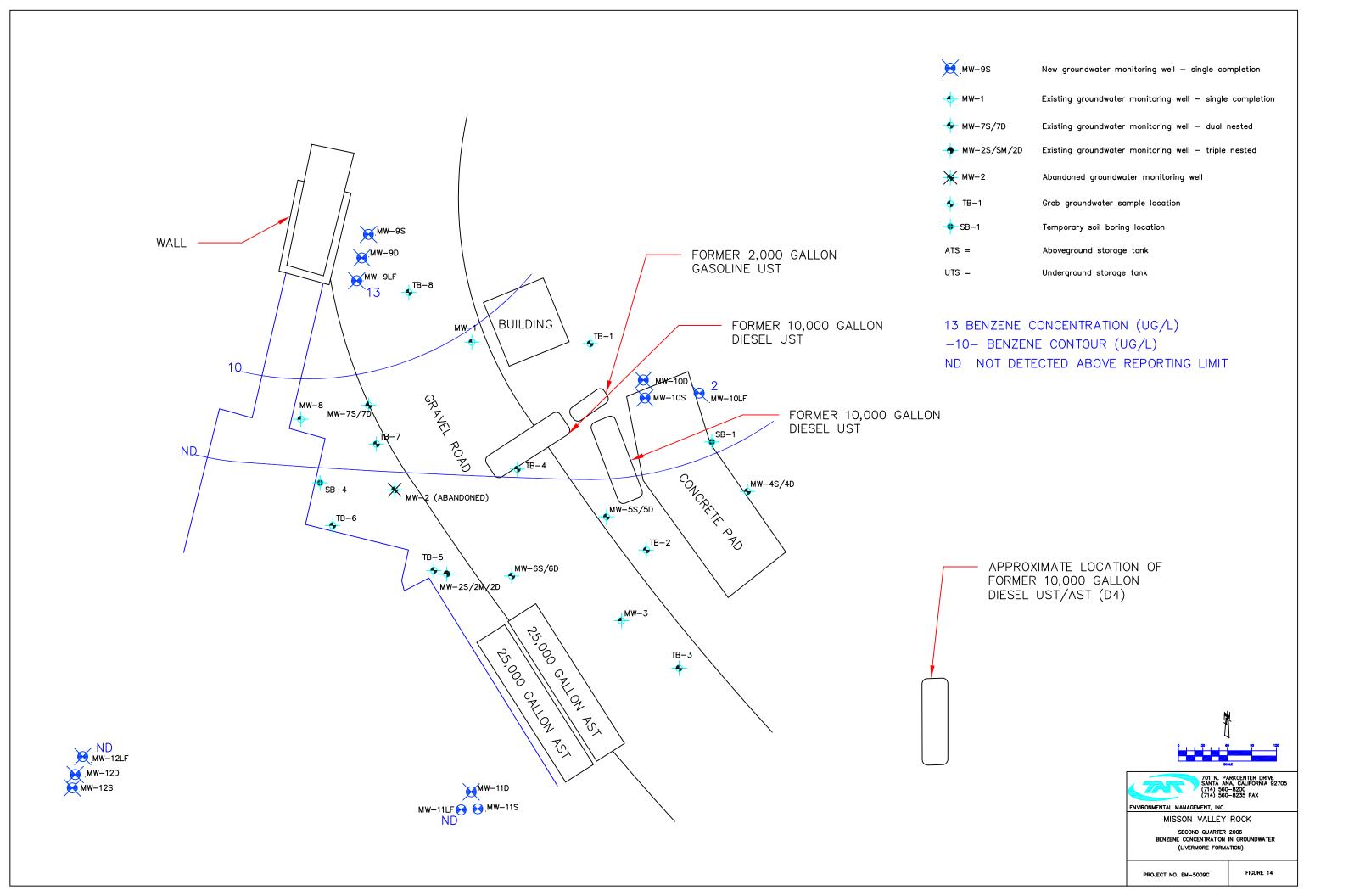




Table 1

Well Construction Details and Groundwater Elevation Data Second Quarter 2006

Mission Valley Rock Company Sunol, California

Well ID Casing Diameter (inches)		Depth to Water (feet below TOC)	Total Depth (feet below TOC)	Screened Interval (feet bgs)	Measuring Point Elevation (feet MSL)	Groundwater Elevation (feet MSL)
MW-1	2	2.47	17.78	5.0 - 20.0	258.68	256.21
MW-2S	2	3.08	8.71	3.0-8.0	258.84	255.76
MW-2M	2	3.39	12.29	14.0-19.0	258.99	255.60
MW-2D	2	3.48	29.54	25.0-30.0	258.91	255.43
MW-3	2	4.15	14.70	5.0-20.0	259.08	254.93
MW-4S	2	4.10	8.35	3.0-8.0	259.14	255.04
MW-4D	2	4.51	23.38	17.0-22.0	259.22	254.71
MW-5S	2	3.73	8.24	3.0-8.0	259.43	255.70
MW-5D	2	3.64	22.65	17.0-22.0	259.40	255.76
MW-6S	2	3.10	15.00	5.0-15.0	258.75	255.65
MW-6D	2	4.05	29.15	24.5-29.5	259.27	255.22
MW-7S	2	2.55	8.48	5.0-8.0	258.84	256.29
MW-7D	2	3.66	23.61	20.0-25.0	258.80	255.14
MW-8	2	2.44	15.30	5.0-15.0	258.84	256.40
MW-9S	2	2.14	12.20	5.3-12.3	258.41	256.27
MW-9D	2	3.16	24.28	18.9-23.9	258.86	255.70
MW-9LF	2	3.46	39.11	33.3-38.3	258.94	255.48
MW-10S	2	5.00	9.58	4.8-9.8	260.67	255.67
MW-10D	2	5.42	19.38	15.5-20.5	260.64	255.22
MW-10LF	2	5.99	39.90	34.4-39.4	260.58	254.59
MW-11S	2	3.69	9.43	4.8-9.8	258.96	255.27
MW-11D	2	3.70	20.50	15.3-20.3	258.98	255.28
MW-11LF	2	3.90	39.41	32.8-37.8	259.01	255.11
MW-12S	2	5.77	11.04	4.6-11.6	262.69	256.92
MW-12D	2	5.69	19.70	16.0-21.0	262.70	257.01
MW-12LF	2	5.92	39.50	33.7-38.7	262.90	256.98

Note

Screened intervals are approximated. Screened interval in wells is lower than the measured total depth due to silting in the bottom of wells.

The measurement point for the above wells is the north side of the top of casing.

Depth to water and total depth measurements taken by Tait Environmental Management, Inc. personnel on March 2, 2006.

Total depth and depth to water measurements taken by Tait Environmental Management from designated measurement point.

Groundwater Elevation = Measurement Point Elevation - Depth to Water.

TOC = Top of Casing

bgs = Below Ground Surface

MSL = Mean Sea Level

			Sunoi, California		
Well	Top of Casing Elevation (Feet)	Date	Depth to Water (feet below TOC)	Groundwater Elevation (feet MSL)	LPH Thickness (feet)
		06/23/98	1.32	255.19	ND
		01/05/99	2.28	254.23	ND
		03/29/99	1.88	254.63	ND
		06/10/99	3.35	253.16	ND
		09/17/99	3.66	252.85	ND
		12/27/99	2.94	253.57	ND
		03/22/00	2.72	253.79	Odor
	1	06/30/00	4.01	252.50	Slight Odor
	1	09/14/00	5.11	251.40	Slight Odor
	1	12/20/00	4.95	251.56	ND
	256.51	03/22/01	2.28	254.23	ND
	250.51	06/27/01	3.60	252.91	ND
		09/21/01	6.50	250.01	ND
		12/27/01	1.29	255.22	ND
MW-1		03/29/02	2.91	253.60	ND
		06/13/02	3.95	252.56	ND
		09/27/02	5.18	251.33	ND
		12/03/02	3.90	252.61	ND
		03/31/03	1.40	255.11	ND
		06/27/03	2.65	253.86	ND
		09/19/03	4.67	251.84	ND
		12/22/03	4.60	251.91	ND
		01/17/05	3.41	255.27	ND
		05/04/05	1.20	257.48	ND
		08/12/05	4.52	254.16	ND
	258.68	12/12/05	6.44	252.24	ND
		03/02/06	0.71	257.97	ND
		06/12/06	2.47	256.21	ND
		06/23/98	1.72	254.98	0.005
		01/05/99	2.69	254.01	4.00
		03/29/99	2.50	254.20	ND
		06/10/99	4.00	252.70	Sheen
		09/17/99	4.54	252.16	0.50
		12/27/99	3.85	252.85	0.13
		03/22/00	3.20	253.50	0.03
		06/30/00	4.62	252.08	0.02
		09/14/00	5.95	250.75	>0.01
		12/20/00	5.65	251.05	0.07
		03/22/01	3.21	253.49	0.10
MW-2	256.7	06/27/01	3.31	253.39	0.06
		09/21/01	7.08	249.62	0.34
	[12/27/01	2.18	254.52	0.26
	[03/29/02	3.40	253.30	0.90
	[06/13/02	4.35	252.35	0.08
		09/27/02	5.54	251.16	ND
		12/03/02	4.30	252.40	ND
	[03/31/03	1.78	254.92	ND
		06/27/03	3.10	253.60	ND
	[09/19/03	5.02	251.68	ND
ı	[12/22/03	NM	NM	NM
Ì		01/05/05		Abandoned	

			Sunoi, Caillornia		
Well	Top of Casing Elevation (Feet)	Date	Depth to Water (feet below TOC)	Groundwater Elevation (feet MSL)	LPH Thickness (feet)
		01/17/05	4.25	254.59	ND
		05/04/05	1.98	256.86	ND
		08/12/05	5.46	253.38	ND
MW-2S	258.84	12/12/05	7.38	251.46	ND
		03/02/06	2.24	256.60	ND
		06/12/06	3.08	255.76	ND
		01/17/05	4.68	254.31	ND
		05/04/05	2.32	256.67	ND
		08/12/05	5.77	253.22	ND
MW-2M	258.99	12/12/05	7.78	251.21	ND
		03/02/06	2.10	256.89	ND
		06/12/06	3.39	255.60	ND
		01/17/05	4.75	254.16	ND
		05/04/05	2.38	256.53	ND
		08/12/05	5.90	253.01	ND
MW-2D	258.91	12/12/05	7.85	251.06	ND
		03/02/06	2.16	256.75	ND
		06/12/06	3.48	255.43	ND
		06/23/98	2.66	254.06	ND
		01/05/99	4.47	252.25	Slight Odor
		03/29/99	3.96	252.76	Sheen
		06/10/99	5.54	251.18	ND
		09/17/99	6.18	250.54	Sheen
		12/27/99	5.52	251.20	Odor
		03/22/00	4.61	252.11	Odor
		06/30/00	6.35	250.37	Very Slight Odor
		09/14/00	7.30	249.42	Very Slight Odor
		12/20/00	7.29	249.43	ND
	256.72	03/22/01	4.73	251.99	ND
	200.72	06/27/01	NM	NM	NM
		09/21/01	7.89	248.83	ND
		12/27/01	3.77	252.95	ND
MW-3		03/29/02	5.12	251.60	ND
		06/13/02	6.52	250.20	ND
		09/27/02	7.28	249.44	ND
		12/03/02	6.40	250.32	ND
		03/31/03	4.01	252.71	ND
		06/27/03	5.13	251.59	ND
		09/19/03	5.13	251.59	ND
		12/22/03	7.20	249.52	ND
		01/17/05	5.81	253.27	ND
		05/04/05	3.50	255.58	ND
		08/12/05	6.01	253.07	ND
	259.08	12/12/05	8.45	250.63	ND
		03/02/06	3.42	255.66	ND
		06/12/06	4.15	254.93	ND

			Surioi, California		
Well	Top of Casing Elevation (Feet)	Date	Depth to Water (feet below TOC)	Groundwater Elevation (feet MSL)	LPH Thickness (feet)
		01/17/05	4.62	254.52	ND
	•	05/04/05	3.73	255.41	ND
		08/12/05	3.45	255.69	ND
MW-4S	259.14	12/12/05	5.48	253.66	ND
		03/02/06	3.10	256.04	ND
		06/12/06	4.10	255.04	ND
		01/17/05	5.96	253.26	ND
		05/04/05	3.93	255.29	ND
		08/12/05	5.60	253.62	ND
MW-4D	259.22	12/12/05	8.50	250.72	ND
		03/02/06	3.63	255.59	ND
		06/12/06	4.51	254.71	ND
		01/17/05	4.57	254.86	ND
		05/04/05	2.50	256.93	ND
		08/12/05	5.30	254.13	ND
MW-5S	259.43	12/12/05	7.68	251.75	ND
		03/02/06	1.42	258.01	ND
		06/12/06	3.73	255.70	ND
		01/17/05	5.15	254.25	ND
		05/04/05	2.75	256.65	ND
		08/12/05	5.60	253.80	ND
MW-5D	259.40	12/12/05	7.92	251.48	ND
		03/02/06	1.98	257.42	ND ND
		06/12/06	3.64	255.76	ND
		01/17/05	4.20	254.45	ND
	-	05/04/05	4.30 1.96	256.79	ND ND
	-	08/12/05	5.17	253.58	ND
MW-6S	258.75	12/12/05	7.48	251.27	ND
14144-03	230.73	03/02/06	1.95	256.80	ND
	ŀ	06/12/06	3.10	255.65	ND
	ŀ	00/12/00	3.10	200.00	IND
		01/17/05	5.17	254.10	ND
		05/04/05	2.80	256.47	ND ND
	ŀ	08/12/05	6.30	252.97	ND
MW-6D	259.27	12/12/05	8.32	250.95	ND
		03/02/06	2.70	256.57	ND
	•	06/12/06	4.05	255.22	ND
	İ	01/17/05	3.42	255.40	ND
		05/04/05	1.44	257.38	ND
	258.82	08/12/05	4.80	254.02	ND
MW-7S		12/12/05	6.64	252.18	ND
		03/02/06	0.95	257.87	ND
	258.84	06/12/06	2.55	256.29	ND
	200.04				
		01/17/05	5.50	252.57	ND
		05/04/05	1.45	256.62	ND
	258.07	08/12/05	4.70	253.37	ND
MW-7D		12/12/05	7.40	250.67	ND

Well	Top of Casing Elevation (Feet)	Date	Date Depth to Water (feet below TOC)		LPH Thickness (feet)
		03/02/06	5.10	252.97	Gasoline odor
	258.80	06/12/06	3.66	255.14	Gasoline odor
	230.00				

Table 2 Historical Groundwater Gauging Data

Mission Valley Rock Company Sunol, California

			Sunoi, California		
Well Top of Casing Elevation (Feet)		Date	Depth to Water (feet below TOC)	Groundwater Elevation (feet MSL)	LPH Thickness (feet)
		01/17/05	3.45	255.39	ND
		05/04/05	1.25	257.59	ND
		08/12/05	4.92	253.92	ND
MW-8	258.84	12/12/05	6.67	252.17	ND
		03/02/06	0.78	258.06	ND
		06/12/06	2.44	256.40	ND
MW-9S	258.41	06/12/06	2.14	256.27	ND
11117 30	200.41				
MW-9D	258.86	06/12/06	3.16	255.70	ND
MW-9LF	258.94	06/12/06	3.46	255.48	ND
MW-10S	260.67	06/12/06	5.00	255.67	ND
MW-10D	260.64	06/12/06	5.42	255.22	ND
MW-10LF	260.58	06/12/06	5.99	254.59	ND
MW-11S	258.96	06/12/06	3.69	255.27	ND
MW-11D	258.98	06/12/06	3.70	255.28	ND
MW-11LF	259.01	06/12/06	3.90	255.11	ND
MW-12S	262.69	06/12/06	5.77	256.92	ND
MW-12D	262.70	06/12/06	5.69	257.01	ND
MW-12LF	262.90	06/12/06	5.92	256.98	ND

Depth to water and liquid phase hydrocarbon (LPH) thickness reported in feet below measurement point.

Groundwater elevations reported in feet above mean sea level (msl).

Adjusted groundwater elevation = Measurement Point Elevation - Depth to Water + (LPH Thickness x 0.75)

NM = Not Measured

ND = Not Detected

TOC = Top of Casing

MSL = Mean Sea Level

LPH = Liquid-Phase Hydrocarbon

Table 3 Groundwater Analytical Results Second Quarter 2006

Mission Valley Rock Company Sunol, California

				Guiloi, Gailloi					
Well	Date	TPHd (ug/L)	TPHg (ug/L)	Benzene (ug/L)	Toluene (ug/L)	Ethylbenzene (ug/L)	Total Xylenes (ug/L)	MTBE (ug/L)	TBA (ug/L)
MW-1	6/13/2006	ND<50	96	ND<0.5	ND<0.5	ND<0.5	ND<1.0	ND<1.0	ND<10
MW-2S	6/13/2006	8700	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1.0	22	ND<10
MW-2M	6/13/2006	ND<50	130	ND<0.5	ND<0.5	ND<0.5	ND<1.0	ND<1.0	ND<10
MW-2D	6/13/2006	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1.0	36	ND<10
MW-3	6/12/2006	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1.0	100	ND<10
MW-4S	6/12/2006	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1.0	ND<1.0	ND<10
MW-4D	6/12/2006	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1.0	7.8	ND<10
MW-5S	6/12/2006	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1.0	ND<1.0	ND<10
MW-5D	6/12/2006	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1.0	5	ND<10
MW-6S	6/14/2006	1300	650	ND<0.5	1.7	1.9	2	ND<1.0	ND<10
MW-6D	6/14/2006	ND<50	130	ND<0.5	3	1.1	2.6	69	ND<10
MW-7S	6/14/2006	ND<50	430	ND<0.5	ND<0.5	6.1	14.5	ND<1.0	ND<10
MW-7D	6/14/2006	ND<50	160000	310	2400	4500	9800	ND<1.0	ND<10
MW-8	6/12/2006	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1.0	ND<1.0	ND<10
MW-9S	6/14/2006	ND<50	330	ND<0.5	ND<0.5	3	ND<1.0	ND<1.0	ND<10
MW-9D	6/14/2006	ND<50	76000	3200	13000	2700	9200	ND<1.0	ND<10
MW-9LF	6/14/2006	ND<50	1800	13	17	30	36	ND<1.0	ND<10
MW-10S	6/13/2006	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1.0	ND<1.0	ND<10
MW-10D	6/13/2006	ND<50	2300	7.6	2.4	66	6.6	ND<1.0	ND<10
MW-10LF	6/13/2006	ND<50	780	2.0	2.4	1.1	4.6	ND<1.0	ND<10

Table 3 Groundwater Analytical Results Second Quarter 2006

Mission Valley Rock Company Sunol, California

Well	Date	TPHd (ug/L)	TPHg (ug/L)	Benzene (ug/L)	Toluene (ug/L)	Ethylbenzene (ug/L)	Total Xylenes (ug/L)	MTBE (ug/L)	TBA (ug/L)
MW-11S	6/14/2006	ND<50	730	ND<0.5	ND<0.5	ND<0.5	ND<1.0	ND<1.0	ND<10
MW-11D	6/14/2006	18000	6500	12	4.4	11	22	26	ND<10
MW-11LF	6/14/2006	1100	99	ND<0.5	ND<0.5	ND<0.5	ND<1.0	240	ND<10
MW-12S	6/13/2006	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1.0	ND<1.0	ND<10
MW-12D	6/13/2006	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1.0	ND<1.0	ND<10
MW-12LF	6/13/2006	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1.0	ND<1.0	ND<10

Notes:

Analyses for Total Petroleum Hydrocarbons as Gasoline and Diesel (TPHg and TPHd, respectively) were performed using EPA Method No. 8015M.

Analyses for benzene, toluene, ethylbenzene, total xylenes, methyl-tert-butyl ether (MTBE), and Tert-butyl alcolhol (TBA) were performed using EPA Method No. 8260B.

Tert-amyl methyl ether (TAME), Di-isoproppyl ether (DIPE), and Ethyl tert-butyl ther (ETBE) were not detected above laboratory detection limits.

Total xylene concentrations were determined by adding m,p-xylene and o-xylene from laboratory report.

NM = Not Measured

mg/L = Milligrams per Liter

ug/L = Micrograms per Liter

ND = Non-detect at or above corresponding laboratory reporting limit.

Table 4 Historical Groundwater Analytical Results Mission Valley Rock Company Sunol, California

		TDU	TDU~	Bonzono	Toluono	Ethylbonzona		MTDF
Well	Date	TPHd (ug/L)	TPHg (ug/L)	Benzene (ug/L)	Toluene (ug/L)	Ethylbenzene (ug/L)	Xylenes (ug/L)	MTBE (ug/L)
	06/23/98	0.1	3,100	19	2.3	91	48	110
	10/01/98	0.1	2,300	3.1	4.2	5.0	15	ND<0.5
	01/05/99	350	ND<50	12	7.5	20	6.2	ND<5.0
	03/29/99	190	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5
	06/10/99	210	1,800	1.2	0.9	1.5	4.6	ND<0.5
	09/17/99	62	180	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5
	12/27/99	290	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5
	03/22/00	86	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5
	06/30/00	70	450	2.1	ND<0.5	2.1	1.4	7.6
	09/14/00	ND<50	850	5.4	ND<0.5	9.4	2.6	9.8
	12/20/00	ND<1,000	370	5.3	ND<1.0	2.7	ND<3.0	55
	03/22/01	ND<1,000	700	ND<1.0	ND<1.0	1.4	ND<1.0	ND<1.0
	06/27/01	ND<1,000	170	ND<1.0	ND<1.0	1.2	ND<1.0	ND<1.0
	09/21/01	ND<1,000	730	1.4	ND<1.0	7.6	1.2	ND<1.0
MW-1	12/27/01	1000	500	15	ND<1.0	27	5.5	ND<1.0
	03/29/02	12000	29000	50	ND<25	960	290	ND<25
	06/13/02	ND<1,000	1400	3.5	ND<1.0	42	7.9	ND<1.0
	09/27/02	1400	760	ND<1.0	ND<1.0	4.3	1.1	ND<1.0
	12/03/02	ND<1,000	1600	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0
	03/31/03	ND<1,000	620	1.2	ND<1.0	12	ND<1.0	ND<1.0
	06/27/03	ND<1,000	0.61	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0
	09/19/03	ND<1,000	1.2	ND<1.0	ND<1.0	6.4	ND<1.0	ND<1.0
	12/22/03	ND<1,000	0.49	ND<1.0	ND<1.0	3.0	ND<1.0	ND<1.0
	01/17/05	ND<50	63	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<1.0
	05/04/05	ND<50	1200	ND<0.5	ND<0.5	8.5	1.2	ND<1.0
	08/12/05	ND<50	410	ND<0.5	ND<0.5	2.4	ND<0.5	ND<1.0
	12/13/05	ND<50	750	3.8	ND<0.5	4.2	ND<1.0	ND<1.0
	03/03/06	ND<50	310	ND<0.5	ND<0.5	ND<0.5	ND<1.0	ND<1.0
	06/13/06	ND<50	96	ND<0.5	ND<0.5	ND<0.5	ND<1.0	ND<1.0
	06/23/98	12,000	2,500	0.68	ND<0.50	1.2	0.57	14
	10/01/98	4,300	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5
	01/05/99	38,000	ND<5,000	ND<50	ND<50	51	190	ND<500
	03/29/99	580	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5
	06/10/99	4,500	24,000	38	27	41	98	ND<0.5
	09/17/99	24,000	1,400	ND<0.5	ND<0.5	ND<0.5	ND<0.5	27
	12/27/99	2,300	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5
	03/22/00	620	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5
	06/30/00	1,700	270	ND<0.5	ND<0.5	ND<0.5	ND<0.5	17
	09/14/00	5,800	130	ND<0.5	ND<0.5	ND<0.5	0.94	12
	12/20/00	19,000	1700	ND<50	ND<50	ND<50	ND<150	ND<250
	03/22/01	610000	3300	ND<1.0	ND<1.0	ND<1.0	ND<1.0	9.0
MW-2	06/27/01	8800	1800	ND<1.0	ND<1.0	ND<1.0	ND<1.0	6.7
	09/21/01	530000	7000	ND<50	ND<50	ND<50	ND<50	ND<50
	12/27/01	27000	310	ND<1.0	ND<1.0	ND<1.0	ND<1.0	62
	03/29/02	65000	130	ND<1.0	ND<1.0	ND<1.0	ND<1.0	30
	06/13/02	130000	460	ND<1.0	ND<1.0	ND<1.0	ND<1.0	24
	09/27/02	480000	290	ND<1.0	ND<1.0	ND<1.0	ND<1.0	16
	12/03/02	61000	1800	ND<1.0	ND<1.0	ND<1.0	ND<1.0	10
	03/31/03	5000	ND<100	ND<1.0	ND<1.0	ND<1.0	ND<1.0	14
	06/27/03	8.1	360	ND<1.0	ND<1.0	ND<1.0	ND<1.0	20
	09/19/03	85	12	ND<1.0	ND<1.0	ND<1.0	ND<1.0	15
	12/22/03				NS			
	01/17/05				Abando			
	01/17/05	1100	730	ND<0.5	ND<0.5	1.0	3.5	50
	05/04/05	8200	190	ND<0.5	ND<0.5	ND<0.5	ND<0.5	44
	08/12/05	6100	120	ND<0.5	ND<0.5	ND<0.5	ND<0.5	77
MW-2S	12/12/05	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1.0	26
	03/03/06	5900	160	ND<0.5	ND<0.5	ND<0.5	ND<1.0	21
	06/13/06	8700	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1.0	22
	01/17/05	4100	3300	6.5	1.7	89	82.2	38
	05/04/05	ND<50	610	ND<0.5	ND<0.5	16	10.6	32
	08/12/05	ND<50	460	ND<0.5	ND<0.5	2.5	1.2	56
MW-2M	12/12/05	ND<50	410	ND<0.5	ND<0.5	ND<0.5	ND<1.0	28
	03/03/06	ND<50	290	ND<0.5	ND<0.5	0.5	ND<1.0	17
	06/13/06	ND<50	130	ND<0.5	ND<0.5	ND<0.5	ND<1.0	ND<1.0
ĪĪ	00/10/00	UCSUNI	130	145<0.0	14レくひ.つ	6.U>Uri	IND< I.U	11D<1.U

Table 4 Historical Groundwater Analytical Results Mission Valley Rock Company Sunol, California

				Sunoi, Cali	uma			
Well	Date	TPHd (ug/L)	TPHg (ug/L)	Benzene (ug/L)	Toluene (ug/L)	Ethylbenzene (ug/L)	Xylenes (ug/L)	MTBE (ug/L)
	01/17/05	1800	1000	6.5	ND<0.5	80	71	62
	05/04/05	ND<50	250	ND<0.5	ND<0.5	4.6	1.6	72
MW-2D	08/12/05	ND<50	ND<50	ND<0.5	ND<0.5	2.8	1.1	51
IVI VV-2D	12/12/05	ND<50	200	ND<0.5	ND<0.5	ND<0.5	ND<1.0	39
	03/03/06	ND<50	140	ND<0.5	ND<0.5	ND<0.5	ND<1.0	38
	06/13/06	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1.0	36
	06/23/98	12,000	300	0.80	ND<0.5	ND<0.5	ND<0.5	150
	10/01/98	6400	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5
	01/05/99	5,600	ND<100	1.6	1.4	ND<1.0	ND<1.0	110
	03/29/99	150	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5
	06/10/99	620	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5
	09/17/99	1,500	230	ND<0.5	ND<0.5	ND<0.5	ND<0.5	89
	12/27/99	58	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5
	03/22/00	94	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5
	06/30/00	240	170	ND<0.5	0.52	ND<0.5	ND<0.5	100
	09/14/00	850	170	0.81	ND<0.5	ND<0.5	ND<0.5	68
	12/20/00	1600	230	ND<1.0	ND<1.0	ND<1.0	ND<3.0	80
	03/22/01	1100	140	ND<1.0	ND<1.0	ND<1.0	ND<1.0	83
	06/27/01	NS	NS	NS	NS	NS	NS	NS
	09/21/01	3800	ND<100	ND<1.0	ND<1.0	ND<1.0	ND<1.0	45
MW-3	12/27/01	3100	340	1.4	1.1	10	3.8	45
	03/29/02	1500	ND<100	ND<1.0	ND<1.0	ND<1.0	ND<1.0	50
	06/13/02	ND<1000	160	ND<1.0	ND<1.0	ND<1.0	ND<1.0	36
	09/27/02	ND<1000	ND<1000	ND<1.0	ND<1.0	ND<1.0	ND<1.0	43
	12/03/02	ND<1000	ND<100	ND<1.0	ND<1.0	ND<1.0	ND<1.0	41
	03/31/03	ND<1000	ND<100	ND<2.5	ND<2.5	ND<2.5	ND<2.5	92
	06/27/03	1200.0	ND<100	ND<2.0	ND<2.0	ND<2.0	ND<2.0	93
	09/19/03	ND<1000	ND<100	ND<2.0	ND<2.0	ND<2.0	ND<2.0	65
	12/22/03	5700	190	ND<2.0	ND<2.0	ND<2.0	ND<2.0	56
	01/17/05	ND<50	590	ND<0.5	ND<0.5	ND<0.5	ND<0.5	47
	05/04/05	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	190
	08/11/05	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	110
	12/13/05	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1.0	75
	03/03/06	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1.0	140
	06/12/06	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1.0	100
	01/17/05	ND<50	65 ND -50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<1.0
	05/04/05	ND<50	ND<50	ND<0.5	ND<0.5 ND<0.5	ND<0.5	ND<0.5	ND<1.0
MW-4S	08/12/05	ND<50	ND<50	ND<0.5		2.2 ND -0.5	5.8	ND<1.0
	12/12/05	ND<50 ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1.0	ND<1.0
	03/03/06 06/12/06		ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1.0	ND<1.0
		ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1.0	ND<1.0
	01/17/05 05/04/05	ND<50 ND<50	ND<50	ND<0.5 ND<0.5	ND<0.5 ND<0.5	ND<0.5 ND<0.5	ND<0.5 ND<0.5	ND<1.0 ND<1.0
								ND<1.0
MW-4D	08/12/05 12/12/05	ND<50 ND<50	410 ND<50	ND<0.5 ND<0.5	2.20 ND<0.5	10.0 ND<0.5	25.5 ND<1.0	ND<1.0
	03/03/06	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1.0	ND<1.0
	06/12/06	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1.0	7.8
	01/17/05	ND<50	ND<50	ND<0.5	4.5	ND<0.5	ND<1.0	7.6 ND<1.0
	05/04/05	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<1.0
	08/11/05	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	6
MW-5S	12/12/05	ND<50	ND<50	3.4	1.3	ND<0.5	ND<1.0	ND<1.0
	03/03/06	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1.0	ND<1.0
	06/12/06	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1.0	ND<1.0
	01/17/05	ND<50	210	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<1.0
	05/04/05	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	10
	08/11/05	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	6
MW-5D	12/12/05	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1.0	ND<1.0
	03/03/06	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1.0	5
	06/12/06	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1.0	5
	01/17/05	2800	1600	6.1	ND<0.5	3.6	2.3	160
	05/04/05	ND<50	750	ND<0.5	ND<0.5	3.0	ND<0.5	160
1414/ AA	08/12/05	1300	1100	ND<0.5	ND<0.5	ND<0.5	ND<0.5	410
			1000	ND<0.5	ND<0.5	1.4	ND<1.0	190
MW-6S	12/12/05	ND<50	1000	IND \O.J				130
IVI VV-63	12/12/05 03/03/06	ND<50	940	ND<0.5	ND<0.5	4.9	ND<1.0	60

Table 4 Historical Groundwater Analytical Results

Mission Valley Rock Company Sunol, California

				,				
Well	Date	TPHd (ug/L)	TPHg (ug/L)	Benzene (ug/L)	Toluene (ug/L)	Ethylbenzene (ug/L)	Xylenes (ug/L)	MTBE (ug/L)
	01/17/05	2100	1200	10	ND<0.5	1.6	2.2	180
	05/04/05	ND<50	360	2	ND<0.5	ND<0.5	ND<0.5	360
MW-6D	08/12/05	ND<50	480	2	ND<0.5	ND<0.5	ND<0.5	270
IVIVV-OD	12/12/05	ND<50	240	ND<0.5	ND<0.5	ND<0.5	ND<1.0	92
	03/03/06	ND<50	310	ND<0.5	ND<0.5	ND<0.5	ND<1.0	93
	06/14/06	ND<50	130	ND<0.5	3	1.1	2.6	69
	01/17/05	ND<50	12000	10	89	590	1670	ND<1.0
	05/04/05	520	1600	ND<0.5	ND<0.5	31	18.4	ND<1.0
MW-7S	08/12/05	ND<50	660	ND<0.5	ND<0.5	5.5	ND<0.5	ND<1.0
10100-73	12/12/05	ND<50	610	ND<0.5	ND<0.5	ND<0.5	ND<1.0	ND<1.0
	03/03/06	ND<50	630	1.1	9.0	31.0	78	ND<1.0
	06/14/06	ND<50	430	ND<0.5	ND<0.5	6.1	14.5	ND<1.0
	01/17/05	ND<50	23000	350	1000	1800	5200	ND<1.0
	05/04/05				NS			
MW-7D	08/12/05	37	83000	550	2200	4400	10600	ND<50
10100-715	12/12/05	150000	1300000	640	3100	21000	54800	ND<50
	03/03/06	45000	71000	420	2400	4400	11300	ND<1.0
	06/14/06	ND<50	160000	310	2400	4500	9800	ND<1.0
	01/17/05	ND<50	120	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<1.0
	05/04/05	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<1.0
MW-8	08/12/05	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<1.0
	12/12/05	830	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1.0	ND<1.0
	03/03/06	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1.0	ND<1.0
	06/12/06	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1.0	ND<1.0
MW-9S	05/05/06	ND<50	1300	9	24	40	30	ND<1.0
III. 17 30	06/14/06	ND<50	330	ND<0.5	ND<0.5	3	ND<1.0	ND<1.0
MW-9D	05/05/06	13	88000	5500	15000	4200	15000	ND<1.0
	06/14/06	ND<50	76000	3200	13000	2700	9200	ND<1.0
MW-9LF	05/05/06	ND<50	5400	12	17	190	150	ND<1.0
02.	06/14/06	ND<50	1800	13	17	30	36	ND<1.0
MW-10S	05/05/06	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1.0	ND<1.0
	06/13/06	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1.0	ND<1.0
MW-10D	05/05/06	ND<50	5900	24	9	260	23	ND<1.0
	06/13/06	ND<50	2300	8	2	66	7	ND<1.0
MW-10LF	05/05/06	ND<50	860	ND<0.5	11	ND<0.5	5	ND<1.0
	06/13/06	ND<50	780	2	2	1	4.2	ND<1.0
MW-11S	05/05/06	ND<50	11000	ND<0.5	ND<0.5	ND<0.5	ND<1.0	8
	06/14/06	ND<50	730	ND<0.5	ND<0.5	ND<0.5	ND<1.0	ND<1.0
MW-11D	05/05/06	ND<50	13000	20	20	26	77	47
	06/14/06	18000	6500	12	4	11	22	26
MW-11LF	05/05/06	ND<50	1300	ND<0.5	ND<0.5	ND<0.5	3	250
	06/14/06	1100	99	ND<0.5	ND<0.5	ND<0.5	ND<1.0	240
MW-12S	05/05/06	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1.0	ND<1.0
	06/13/06	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1.0	ND<1.0
MW-12D	05/05/06	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1.0	ND<1.0
	06/13/06	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1.0	ND<1.0
MW-12LF	05/05/06	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1.0	ND<1.0
	06/13/06	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1.0	ND<1.0

Note:

Concentrations reported in micrograms per Liter (ug/L)

MTBE = Methyl-tert-Butyl Ether

ND = Not Detected at or above corresponding reporting limit

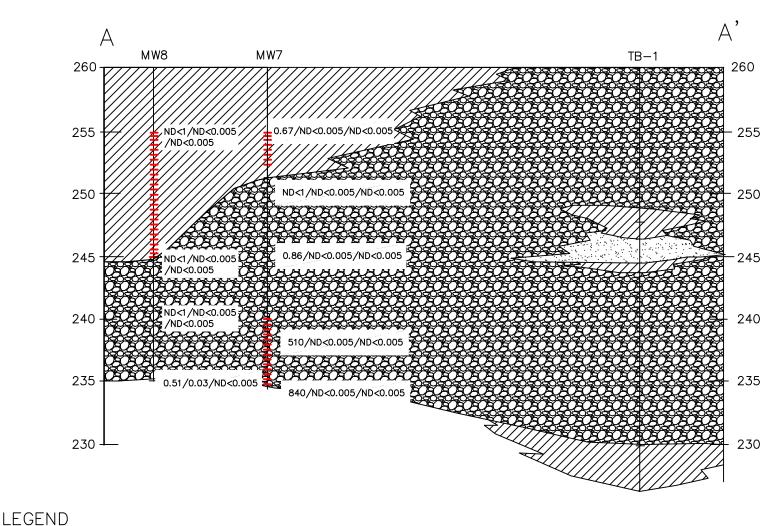
NS = Not Sampled

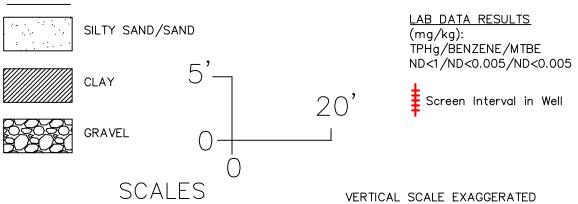
TPHd = Total Petroleum Hydrocarbons as Diesel

TPHd = Total Petroleum Hydrocarbons as Gasoline

NM: Not Measured

APPENDIX A CROSS SECTIONS





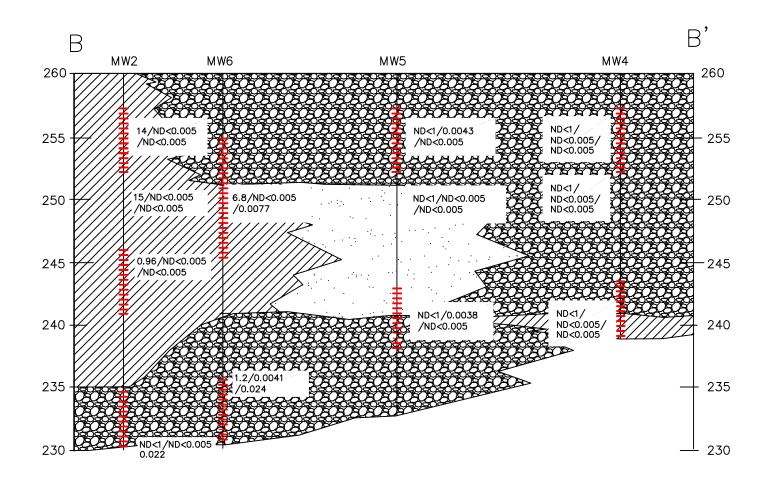
SANTA ANA, CALIFORNIA 92705 (714) 560-8200 (714) 560-8235 FAX 701 N. PARKCENTER DRIVE ENVIRONMENTAL MANAGEMENT, INC.

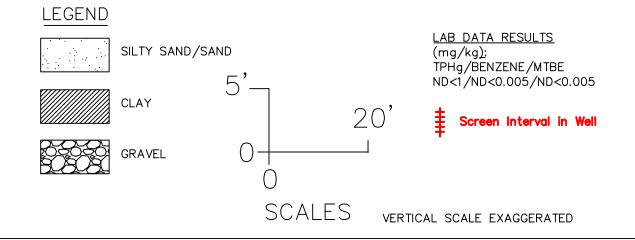
MISSION VALLEY ROCK COMPANY 7999 ATHENOUR WAY SUNOL, CALIFORNIA

EAST-WEST CROSS SECTION A-A'

PROJECT NO. EM5009A

FIGURE 8





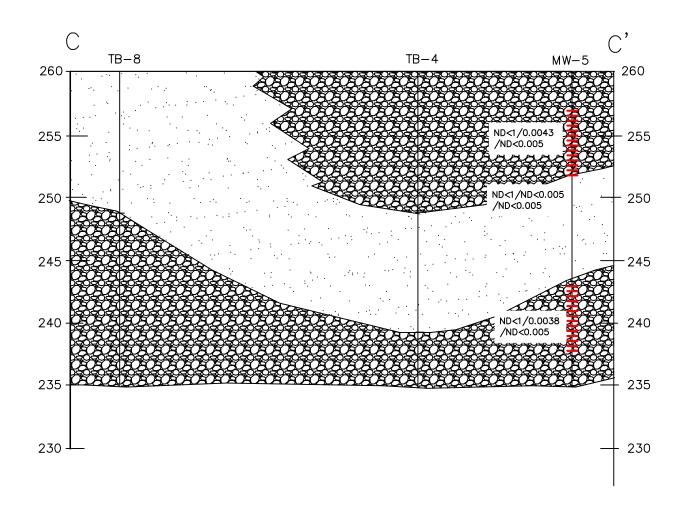


MISSION VALLEY ROCK COMPANY 7999 ATHENOUR WAY SUNOL, CALIFORNIA

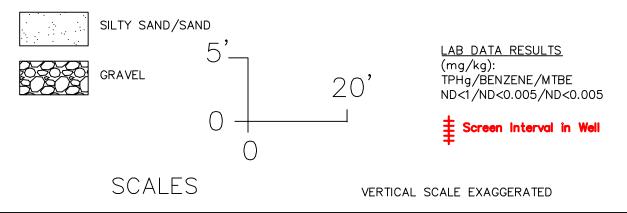
EAST-WEST CROSS SECTION B-B'

PROJECT NO. EM5009A

FIGURE 9









MISSION VALLEY ROCK COMPANY 7999 ATHENOUR WAY SUNOL, CALIFORNIA

NORTH-SOUTH CROSS SECTION C-C'

PROJECT NO. EM5009A

FIGURE 10

APPENDIX B SAMPLING DATA SHEETS



TAIT Environmental Management, Inc

Project Nan	ne: M;550	VA VA	Hey R	0014					12-06 y: 5R					
	Em So								Sloudy	(-	17 80	reen:		
Vell Identif	ication: <i>p</i> nt Point Des	1W - 8		A1 771					(e: /ɔ̯ ^f		<u> </u>	I CC 11.		
Depth to LNAPL (ft-bmp)	Depti Static	h to Water	Well To	<i>NorTਮ</i> tal Depth bmp)	Wate Colum Heigh (ft)	n L	.NAPL Thickr (ft-bmp)			Casing	· .	ing nes	Above Screen Volume	Screen Volume
alu	2.4	14	15.	30	12.80	•	NIO		2.0	5	ر ما	5	_	
			Gall	ons/Foot		Field	Equipment:	Hor	iba . WA	11 tera	Pump , I	Nverte		
Well Dia	meter (in)	0.75	2	4	6	Purg	e Method:		Ltera	-	•		2	
0.75 2	4 6	0.02	0.16	0.65	1.47	Well	Condition:	OK		,	Bolt's W	ell Bo	×)	
Time	asing / Screen	Volume Purged (gallons)	Flow R	ate ie		Ph	Temperature (°C)	Turbic (NTL	lity Cond	uctivity	Dissolved Oxygen (mg/L)	ORP (mV)		ervations
11:19	1,0	2.0	,33	3 ~	la N	lA	ר,רו	116	./	4	11.0	187	Cloud	4
11.27	2.0	4.0	,25	<i>م</i>	IA N	IA	17.3	43	. /	6	11.4	198	Clear	
1:36	3.0	6.0	, 29	3 NI	A V	Alv	17.3	14	//	6	15,6	177	Clea	<u>~</u>
Çej														
						.,								
Purge Start Time	Purge End Time		ige Flow jpm)	Total Gallon Purged	Volu	•	80% Recovery Water Level Depth	at	/ater Level : Sampling ne (ft-bmp)	Colle	mple ection me	Sa	mple Identifica	ation
11:13	11:36	. 2	60	6.0	3,	0	5.02	ő	2,52	11:	45			
Notes:			Well	Box B	okts (Net	l's new G	*ASK	eT)					



Project Na	ame:	mvf	ξ.			 -			Date:	6-12	-06		•			
Project No			29C						Prepar	ed By:	SR					
Well Ident)		_	-				10027		Sc	reen:		
Measurem	ent Po	int De	scription	Toc	Nor.	74			Pump	ntake:	20 F	٣			•	
Depth t LNAPL (ft-bmp		Static	th to Water ft-bmp)		otal Dep -bmp)	th C	Vater olumn eight (ft)		Thickne -bmp)	- 1	One (1) olume (Casing gallons)	Three Cas Volu (galle	ing mes	Above Screen Volume	Screen Volume
ola		4.8	5/	23	.38	13	8.87	1.	٥/ د		3,0	1	9.0	5		
Well Di	amete	r (in)		Gal	ons/Foo	t	Fie	eld Equip	ment:	Horil	oA y h	JALter	n Pum	P, In	verter	······································
Well Di	amete	(111)	0.75	2	\	6	Pu	rge Metl				Pump		·		-
0.75 2	4	6	0.02	0.16	0.6	5 1.4	47 W	ell Condi		010	<u> </u>					
Time	Casing /	Screen	Volume Purged (gallons)	Flow f	n\	Water Level (ft-bmp)	Ph	Tempe (°C		ายrbidity (NTU)	Condu (otivity	Dissolved Oxygen (mg/L)	ORP (mV)		ervations
12:29	1.0	·	3.0	٦,	5	NA	NIA	18.	1	23	.5	8	8.3	-19	Clear	•
12:35	2.0		6.0	.5		10	į i	18.		10	,5	4	6.2	-50	Clear	•
12:42	3.0		9.0		28	į c	l t	18.		10	.5		6.4	-56	Clen	
10.18	<u> </u>		,,,,			<u> </u>			•	· · · · ·		,	· · · · · · · · · · · · · · · · · · ·			

.*																
Purge Start		irge Enc Time		ge Flow pm)	Total Ga Purg	llions	otal Casir Volumes Purged	^{ng} R∈ Wat	80% covery er Level Depth	at Sar	Level mpling ft-bmp)	Samp Collecti Time	on	Sa	ample Identifica	ition
12:25	19	142		529	9.0		3,0	8.	29	4,	55	12:4	15			
Notes:			√7													
							-									



TAIT Environmental Management, Inc.

Project Nam	e: My F	3				Date:		7-06				
Project No.:	Em5				·	Prepa	red By:	SR			: -	
Well Identific	· · · · · · · · · · · · · · · · · · ·	コアエ			 	Weat		loud y	So	reen:		
Measuremen	t Point Des	scription:	TOC NO	rTH .		Pump	Intake:	GFT				1.
Depth to LNAPL (ft-bmp)	Dept Static Level (f	Water	Well Total D	-	Water Column Height (ft)	LNAPL Thick (ft-bmp)		one (1) Casin Diume (gallo	- 1 .	ing mes	Above Screen Volume	Screen Volume
NIO	4.10	٥	8.35		4.25	Nlo		. 68	2.0	64		<u> </u>
			Gallons/F	oot	Fiel	d Equipment:	Horil	ba, WA	Ltera Pi	inp , j	[wert	5 r
Well Diam	ieter (in)	0.75	2	4	6 Pur	ge Method:	WALT	era Pu	0			
0.75 2	4 6	0.02	0.16	0.65	.47 Wel	l Condition:	οK	0171 10	<i>/</i> // <i> </i>		- 14	Te .
Time Ca	sing) Screen,	Volume Purged (gallons)	Flow Rate (gpm)	Water Level (ft-bmp)	Ph	Temperature (°C)	Turbidity (NTU)	Conductivity	Dissolved Oxygen (mg/L)	ORP (mV)	Obse	ervations
13:02	1.0	,75		NIA	NIA	19.6	390	.74	6.9	-99	Cloud	' Y
13:67	2.0	1.50		NA	NA	19,9	740	.75	7.1	-92	Cloud	
13:12	3,0	2.25		~/A	NIA	20.0	600	. 75	7.1	- 98		"
		11 7.										
Purge Start Time	Purge End Time			Gallons urged	Total Casing Volumes Purged	80% Recovery Water Leve Depth	Water at San Time (f	npling Col	ample lection Time	Samı	ple Identifica	tion
12:56	13:12		a.	25	3.0	4.95	4.3	0 13	3:15			
			Hose o			amaged						



TAIT Environmental Management, Inc

Project Na	me: /	n v (2						Date	: 6-	12-06	,			*	
Project No.			09C						Prep	ared B	y: 5 a					
Well Identi									Weat	ther:	Cloud	4	Sc	creen:		
Measureme	ent Poin	t Des	cription	: T	0 C 1	HTyol			Pum	p Intak	(e: ටුර	ĖΤ				
Depth to LNAPL (ft-bmp)	St		n to Nater t-bmp)		t-bmp)		Water Colum Heigh (ft)	n	LNAPL Thick (ft-bmp)		One (1) Volume	_	Cas) Volu	e (3) sing imes ons)	Above Screen Volume	Screen Volume
alu	3	.64	4	<u> </u>	2.(05	19.0	(010		3,0	7	9,1	2		_
Well Dia	ımeter (i	in)		Gal	lons/F	oot		Fiel	d Equipment:	Ho	oribA,	WAL	tera p	J m p	Invert	·~
""		,	0.75	2		4	6	Pur	ge Method:		Ltern					
0.75	4	6	0.02	0.16		0.65	1.47	Wel	I Condition:	014				-		
Time (Casing / Scre	en	Volume Purged (gallons)	Flow I		Water Level (ft-bmp)) PI	h	Temperature (°C)	Turbid (NTU		ectivity	Dissolved Oxygen (mg/L)	ORP (mV)	(166)	ervations
13:55	1.0		3.0	٠, ن		NIA	NI	4	18.3	51	.3	7	10.9	-108	Clen	^
14:02	2.0		6.0	.43	28	NIA	NI	A	18.5	22	, 30		5,9	-86		
14:07	3.0		9.0	ما ،		NIA	NI	A	18.2	27	,3		5.7	-89		
			-	•									<u> </u>		0.07	
																
																er je
Purge Start Time	Purge Tin		(gi	ge Flow om)	Pui	Gallons rged	Total C Volun Purg	nes ed	Water Leve Depth	at	ater Level Sampling ne (ft-bmp)	Sam Collec Tim	tion	Sa	ample Identifica	tion
13:50	14:6	57	,58	29	9.	0	3,0	>	7.45	4	,50	14:1	0			
Notes:			;				1			•						



TAIT Environmental Management, Inc

Project Na								Date			-06					
Project No	» EM50	2000					<u> </u>		ared B							·
Well Ident		MW55						Weat		C	loudy		So	creen:	·	·
Measurem	ent Point D	escription	: To	<u>c</u> 71	HTIC	•		Pum	p Intal	(e:	· (₄	FT				
Depth to LNAPL (ft-bmp	Stati	pth to c Water (ft-bmp)	ŧ	otal De t-bmp)	epth	Water Colum Heigh (ft)	n L	NAPL Thick (ft-bmp)			One (1) olume (•	g Cas s) Volu	e (3) sing mes ons)	Above Screen Volume	Screen Volume
aln	3,	73	8	.24		4,51		Nlo	-		,7	2	2.	16		_
Wall Di-	ameter (in)		Ga	llons/Fo	ot		Field	Equipment:	Ho	rik	A, L	VAL	tera Pu	~ρ , <i>I</i>	Inverte	٣
Hei Di	ameter (m)	0.75	2		4	6	Purg	e Method:			6 CA 1					
0.75 2) 4 (0.02	0.16	0	.65	1.47	Well	Condition:	01							
Time	Casing Screen	Volume Purged (gallons)	Flow (gp		Water Level (ft-bmp)	Р	h	Temperature (°C)	Turbio (NTU		Conduc اک	ctivity ~)	Dissolved Oxygen (mg/L)	ORP (mV)		servations
14:19	1.0	.75	.11	Ś	NA	· N	l _A	20.2	799	O	ر د	1	6.9	- 98	GRE	4
4:27	2.0	1.50	, 0	3	NIA	اس	A	20.5	799	0	, ي	0	6.9	-81	Clos	dy
4:35	3.0	2.25	. 0	3	MA		la	20.6	36	٥	.1	9	7,2	- 68	Clo	udy
									· 							
			:				•								9-1	
		.*	<u> </u>								,					
Purge Start Time	Purge Er Time		ige Flow ipm)	Total G Pur		Total C Volur Purg	nes	80% Recovery Water Leve Depth	, at	San	Level apling t-bmp)	Colle	nple ection me	Sa	ample Identifi	cation
14:14	14:35	,4	28	ئ. ن	25	3,,	o	4.64	L	1.4	0	14	:48	,		
Notes:	Re T	Apped 1	Well	pox	Need:	s G p	sKe	₹,			,		٠.			



Page __ of __

Project Na		<u> </u>								2-06					-
Project No		2000							ared By						
Vell Identi		MW -								loudy		Sc	reen:		
Depth to LNAPL (ft-bmp)	Stati	escription pth to c Water (ft-bmp)	Well 1	Total De	orTH epth	Water Colum Heigh (ft)	n L	Pum NAPL Thick (ft-bmp)		One (1) Volume (Casing	·	ing mes	Above Screen Volume	Screen Volume
0/10	4,	15	1	4.70	7	10.55	5	Nlo		1,6	8	5, 0	>6	-	
		·	Ga	lons/Fo	oot		Field	Equipment	Hor	iba,	WALT	era Pump	s , Iw	ver ter	
Well Dia	meter (in)	0.75	2		4	6	Purg	e Method:		tern					
0.75 (2)	4 6	0.02	0.16	s) 0	.65	1.47	Well	Condition:	OK		[·····	
Time (Casing Screen	Volume Purged (gallons)	Flow (gp		Water Level (ft-bmp	P	h	Temperature (°C)	Turbidit (NTU)			Dissolved Oxygen (mg/L)	ORP (mV)	Obs	ervations
15:12	1.0	2.0	,28	5	NA	N/	A	18.4	7990	.2	3	10.0	-69	GREY	
5:18	2.0	4.0	,33	83	NIA	N	la	18.7	7990			5,8	-90	GREY	,
5:25	3.0	6.0	<u> </u>	85	NA	N	'A	18.8	7990	. 2	3	5,3	-95	GREY	•
Purge Start Time	Purge Er Time		age Flow	Total G Pur		Total C Volur Purg	nes	80% Recovery Water Leve Depth	at S	ter Level campling e (ft-bmp)	Colle	nple ection me	Sa	mple Identifica	tion
15:05	15:25	5 .	3	6.0	0	3,0)	6.26	4.	60	15:	30			
Notes:	Veed's	Méll	Box	Remo	oved	& RAi	sed	Afrox 6	' To	و ره <i>ه</i>	l Lev	e L			

美洲海豚



TAIT Environmental Management, Inc.

Project Na	me:	MV	R						Date:	6	- 13-0	6				
Project No.		m	20090							red By						
Well Identif			MN								$S_{U \sim \nu} Y$		Sc	creen:		
Measureme	ent Pa				2 7	OFTE	1		Pump	Intak	e: (^f	r				
Depth to LNAPL (ft-bmp)		Static	th to Water ft-bmp)		otal De :-bmp)	pth	Water Columi Height (ft)	1 LN	APL Thicks (ft-bmp)	ness	One (1) Volume	-	Cas) Volu	e (3) sing imes lons)	Above Screen Volume	Screen Volume
10 p		3.0	2 &	8.	7/		5,63		Nlo		,90	٥	2,7	70		
Well Dia		- (i)		Gal	lons/Fo	ot		Field E	quipment:	Ho	riba,	WALT	era Pur	np, I.	verter	~
TTEII DIA	mete	(in)	0.75	2		4	6	Purge !	Method:	WAL	tera'	Pum	P	•		
0.75 (2)	4	6	0.02	0.16	0	.65	1.47	Well Co	ondition:	0						
Time	Casing	Screen	Volume Purged (gallons)	Flow i		Water Level (ft-bmp	PI	Те	mperature (°C)	Turbidi (NTU		uctivity	Dissolved Oxygen (mg/L)	ORP (mV)	Obs	ervations
08:56	1,0)	1.0	,09	7	NIA	NI	4 6	72.7	530	ر,	4	13.1	-43	Cloud	/ 4
09:06	2.0) *	2.0	, [NA	N	A 0	1.8	660	.2	2	8,8	-87	Clou	dy
09:17	3.0		3,0	,00	77	NA	NI	A a	1.6	590	, ସ	1	9.2	-93	Clou	dy
- 3																

Purge Start Time		irge End Time		ge Flow pm)	Total G		Total C Volur Purg	nes	80% Recovery Water Level Depth	at	ater Level Sampling le (ft-bmp)	Sam Colle Tin	ction	Sar	nple Identifica	ation
08:45	0	9:17	.0.	33	3,0)	3.0)	4.21	3	.58	09	:20			· !
Notes:	, <u></u>		,*				•									



					-,				Date	,	- 13 - 06					
Project Na			VR								y: SR					
Project No Well Ident		C M 3	2600	•••					Weat		20044		90	reen:		
						HT70					(e: 16 F			, reem		
Measuren Depth t LNAPL (ft-bmp	o	Dep Statio	th to : Water (ft-bmp)	Well T		Depth	Water Colum Heigh (ft)	n [LNAPL Thick (ft-bmp)		One (1) Volume	Casing	·	ing mes	Above Screen Volume	Screen Volume
No	:	3.3	39	12	.29	7	8,9		NO			<u> </u>		27	.—	_
Weil Di	amet	er (in)		Gal	lons/l	Foot		Field	d Equipment:	WA	Ltera	Pum	P, Hori	iba,	Inverte	<u>'</u>
		(===,	0.75	1/2	$\setminus \mid \mid$	4	6	Purg	je Method:	W.	altera	F P	2mA			
0.75 2)	4 6	0.02	0.16		0.65	1.47	Well	Condition:		1<					
Time	Casing	/ Screen	Volume Purged (gallons)	Flow F		Wate Leve (ft-bm	I P	h	Temperature (°C)	Turbic (NTU		uctivity (Dissolved Oxygen (mg/L)	ORP (mV)	i ()he.	ervations
09:35	ĺ	.0	1,5	1.15	5	NIA	- NI	A	#20.1	160	, ,	2 2	8.7	-77	Cloud	14
09:43		۱۵	3,0	. 18	?	NIA	וען	'Δ	20.4	200	> .5) <i>2</i>	11.7	-89		
09:52		.0	4.5	.18		NIA	NI		19.6	236	-	33	13.4	-93	3 Clau	1 ×
07,02	J	• • •	1, 5	. 1 ()	NIT	70 [77	1116	<u>ء ر ہہ</u>	•	_ ر د	70.,	'		ч,
														•		

Purge Star Time	t	Purge En Time		ge Flow pm)		Gallons urged	Total C Volui Purg	nes	80% Recovery Water Leve Depth	, at	/ater Level t Sampling ne (ft-bmp)	Colle	nple ection me	S	ample Identifica	ition
09:25	5 (09:5	۱, د	66	Н	.5	3.0	>	5.17	(1)	3,70	09	:55			
Notes:	•		,,,				,									

TAIT Environmental Management, Inc

Groundwater Sampling Data Sheet

Project N	ame:	MV					,		Date:		13-06					
Project N	o.:	EM5	0096								: 5R					-
Well Iden	tifica	tion: /	nn - 2						Weath		Sunne		Sc	reen:		
Measurer	ment I	Point De	scription	Toc	Non	1+			Pump	Intake	25	•7			•	
Depth (LNAPI (ft-bm	L	Statio	oth to : Water (ft-bmp)		otal Dept -bmp)	Wa Coli Hei (f	umn ght	i	Thickn -bmp)	ess	One (1) Volume (_	Three Cas Volum (galle	ing mes	Above Screen Volume	Screen Volume
NIV	0	3.	48	2	7.54	26.	06	/	مار	-	4.10		12.	50		
		1		Gal	lons/Foot	:	Fi	eld Equip	ment:	Hor	iba, h	JaLter	A, Pum	P		
Weil D	iamet	er (in)	0.75	2	4	6	Pi	urge Meti	rod: \		tera f					-
0.75		4 6	0.02	0.16	0.65	1.47	w	ell Condi		Ok				·		
Time	Casing	Screen	Volume Purged (gallons)	Flow f	Rate	Vater _evel -bmp)	Ph	Tempe (°C		Turbidit (NTU)		ctivity	Dissolved Oxygen (mg/L)	ORP (mV)	1 tine	ervations
10:15	t,	0	4.0	1,20	ا ما	مار	aln	19.	5	480		22	11.4	-87	1	dx
10:32	2.		8.0	. 23		la	NA	19.	l	410	•	ンコ	9.6	-98		dy
10:56	3,		12.0	.20	22 1	/A	N/A	18.	9	386		21	8.4	- 99	Clo	udy
Purge Star Time	rt I	Purge En Time	1	age Flow gpm)	Total Gall Purged	ons V	al Casi olumes Purged	Re Wat	80% covery er Level Depth	at S	ter Level Sampling e (ft-bmp)	Sam Colled Tin	ction	S	ample Identifica	ation
10:00	1	٥:50) , (र्भ	12.0	3	3.0	8	٥٢.	3,	80	10:	55			
Notes:	TAPF	red h	Jelj Bo	54 (r	Jeed's G	as Ket)			·						



TAIT Environmental Management, Inc

Project Na	me:	mv	R						Date	6	-13	-06	,				
Project No		m 5							Prepa	ared I	3y: <	SR					
Well Ident			MW-						Weat	her:	SU	NNA		Sc	reen:		
Measurem	ent F			on: To	CN	HT70			Pum	Inta	ke:	15 F7	-				
Depth to LNAPL (ft-bmp		•	th to Water (ft-bmp	We		Depth	Water Colum Heigh (ft)	n i	LNAPL Thick (ft-bmp)	ness	I.	ne (1) (lume (ç	Casing jallons)	Three Cas Volu (galle	ing mes	Above Screen Volume	Screen Volume
مام		۵,۰	רץ		17.7	8	15,3		Nlo		•	2.44	,	7.3	4		
Well Di		or (in)			Gallons	/Foot		Fiel	d Equipment:	Н	prib	A, C	VALte	ra pump	JN	verter	
Meil Di	amet	er (in)	0.	75 /	2	4	6	Pur	d Equipment: ge Method:	WA	Lte	ra	Pum	م.			
0.75	•	1 6	0.	02	0.16	0.65	1.47	Wel	I Condition:	01	۲		•				
Time	Casing	/ Screen	Volum Purge (gallon	d Fi	ow Rate (gpm)	Wate Leve (ft-bm	el P	'n	Temperature (°C)	Turbi (NT		Conduc (<u>S</u>	tivity	Dissolved Oxygen (mg/L)	ORP (mV)	Obs	servations
11:23	1	,0	2,5		208	NI	2 7.	,4	19.2	85	5	.3		4.42	-72	Clen	r
11:30	ړ.	0	5,0		357	MIA	7.	4	19.1	58		.26	•	4.18	-84	Clea	r
11:42	3.	.Ò	7.5		208	NIR	ר.	3	19.2	3 2	}	. ۾ َ	7	3.66	- 82	Clen	^
Purge Start Time	t F	Purge End Time	d Av	erage Flo (gpm)		al Gallons Purged	Total C Volum Purg	mes	Recovery Water Leve Depth	. 2	Vater L at Samp ime (ft-	oling	Sam Collec Tim	tion	Sa	ample Identific	ation
11:11	1	1:42		241		7.5	3.	٥	5.54		2.4	,2	11;	45			
Notes:															-		
			• •				. •										



Project Nan									6-			<u> —</u>				
Project No.:									red By							
	ication: //							Weat			NNY		5	creen:		
Depth to LNAPL (ft-bmp)	Dept Static Level (1	h to Water	Well To	otal Depti	Wat	mn jht	LNAPL		Intak ness	On	e (1) C ume (g	_	Ca S) Volu	ee (3) sing umes lons)	Above Screen Volume	Screen Volume
alu	5,7	7	11.	04	5.a		7	lo			,84	3	2.	52		
Well Dia	meter (in)		Gall	lons/Foot		Fie	eld Equip	ment:	Hor	iba	, h	ALt	era Pun	p, I	nverte	<u> </u>
	(,	0.75	2	4	6	Pu	rge Meti	hod:	WA	Lte	CA	PU	mP			
0.75 (2)	4 6	0.02	0.16	0.65	1.47	W	ell Condi	tion:		14		,				
Time (Screen	Volume Purged (gallons)	Flow F	Rate	Vater _evel i-bmp)	Ph	Tempe (°C		Turbid (NTU	ity (Conduc		Dissolved Oxygen (mg/L)	ORP (mV)	1 (7)	servations
13:नेड	1.0	1,0	, 2	· ^	1/R 7	.1	20	,5	>99°	7	,32		2.49	3	BRow	<i>ب</i> ر ر
12:27	2.0	2,0	, a 5	5 1	IR 7	,3	19.	7	7999	ì	.31		5.16	51	BROW	لهله
12:31		3.0	,25			7.2	19.	(_r	799	9	.30		4.15	70	BRo	نبرين
Purge Start Time	Purge End Time		age Flow gpm)	Total Gallo Purged	ons Vo	I Casir lumes urged	ng Re Wat	80% ecovery ter Level Depth	at	ater Le Sampl ne (ft-b	ling	Colle	nple ection ne	S	ample Identifi	cation
19:18	12:31	.2		3.0		. ও	_	.83	1	4:3	•	^	I R			
Notes:		Iņsta	lled f	Prox	15 FT +	ubir	عم + T	i CH	eeK	VAlv	e					



Page ___ of ___

TAIT Environmental Management, Inc.

roject Nan roject No.:		<u> </u>					Date:		3-06 SR					
Vell Identif	ication: // nt Point Des	W-1	D D	NorT			Weather Pump I	r: S	1022Y	т	Se	reen:		
Depth to LNAPL (ft-bmp)	Dept Static Level (f	h to Water	Well Tota (ft-b	al Depth	Water Columi Height (ft)	1	L Thickne (ft-bmp)	ss	One (1) /olume (Casing	Cas) Volu	e (3) sing mes ons)	Above Screen Volume	Screen Volume
NID	5.6	9	19.	70	14.01	~	مار		2,2	4	6.	7 2		
Well Diar	neter (in)			s/Foot				Horib	A, h)ALter	a Pum	, I,	nverte	<u>-†</u>
.75 (2)	4 6	0.75	0.16	0.65	1.47	Purge Me Well Con								
	asing) Screen	Volume Purged (gallons)	Flow Rat	e Wate Leve	el Pi			urbidity (NTU)	Condu	ctivity	Dissolved Oxygen (mg/L)	ORP (mV)	Obs	ervations
12:56	1.0	2.0	,285	NI	e 6.	9 19	1.1 7	990	,2	0	4,75	122	BRO	
3:02	2.0	4.0	, 333		٦.			990	!	7	4.01	/3⊋		MM
3:08	3.0	6.0	,333	NIA	2 7.	0 18	2.0 7	990	, 1°	1	3.68	/39	BRo	w~
					-						· · · · · · · · · · · · · · · · · · ·			
								<u> </u>						·
Purge Start Time	Purge End Time		ge Flow T	otal Gallons Purged	Total C Volun Purg	nes 🗼 🕠	80% Recovery /ater Level Depth	at Sa	er Level ampling (ft-bmp)	Sam Collec Tim	tion	Sai	mple Identifica	ition
12:49	13:08	.3	15	6.0	3.0	,	8.5	5.3	85	13:	10			
lotes: T	rstalled			Tubin	9 +	1 CHec	k Valve	•	,		1			



Citable Cita	****					3-06	6-	Date				•			MVR	lame:	Project N
Weather Sunty Screen Sc						SR	ared By	Prep						9 C	Em 500	lo.:	Project N
Depth to LNAPL (ff-bmp)			reen:	Sc		5000,	her:	Wea					2 LF			tifica	Vell Ider
Depth to Static Water (ft-bmp) Depth (static Water (ft-bmp) Depth					FT	351	o Intak	Pum			brTH.	2 10	· To	cription	Point Desc	ment	leasure
Calina C	Screen Volume	Screen	ing mes ,	Cas Volu	_	. ,	ness		ı LNA	Columi Height	- 1			Vater	Static W	L.	LNAP
0.75 2 4 6 Purge Method: Walter A Pump	 -	<u>-</u>	11	16,	17 .	5,3		110	8	33.59	Ø	9.5	3	7	5,9	0	W/
0.75 2 4 6 Purge Method: Walter A Pump	**	warter	~ T.	A Pun	WALter	hA . 1	Hor	ipment	Field Eq		oot	llons/F	Ga				
1.0 5, 5 6, 6, 1 7, 3			, 4 , 4 \			· ·		thod:	Purge M	6	4		/2	0.75	er (in)	iame	Well D
Time Casing/ Screen Volume Purged (gallons) Flow Rate (gpm) Ph Temperature (°C) Turbidity (NTU) Conductivity Dissolved (Oxpgen (mg/L) Conductivity (NTU) Sfm Conductivity (NTU) Sfm Conductivity (MTU) Conductivity (MTU					<u>rump</u>	•		dition:	Well Co	1.47	0.65	6) (0.1	0.02	6		0.75 2
13:37 2.0 11.0 .5 N/R 7.3 18.7 7990 .18 1.41 133 8Rown 13:50 3.0 16.0 .384 N/R 7.3 18.1 7990 .17 4.32 136 8Rown 13:50 3.0 16.0 .384 N/R 7.3 7.	ations	Obsen		Oxygen	ictivity (Condu	Turbidit		Tem	Pł	Level			Purged	/ Screen F	Casin	Time
Purge Start Time Purge End Time Average Flow (gpm) Total Gallons Purged		BROW.	132	4.76			7990	.6	3 /	7.3	NIR	.11	,6	5, 5	0 3	1	3:24
Purge Start Time Purge End Time Average Flow (gpm) Total Gallons Purged	,	BROWN	133	1,4/	8 1	11	7990	'.7	3 /	7.3	N/R		, 5	1.0	0 1	ر	3:37
Purge Start Time Purge End (gpm) Total Gallons Purged Volumes Purged Volumes Purged Depth Water Level Depth Water Level Depth Sample Collection Time Sample Identification	/	BROW	136	4,32	7 4	11	7990	. <i>t</i>	3 /8	7.3	NIR	84	.3	6.0	0 1	3,	13:50
Purge Start Time Purge End (gpm) Total Gallons Purged Volumes Purged Purged Water Level Depth Water Level Depth Sample Collection Time Sample Identification									_								
Purge Start Time (gpm) Total Gallons Purged Volumes Purged Purged Purged Sample																	
17:17 17:5 1104 11 6 20 17:55		ole Identificatio	Samp	on	Collection	mpling	at S	Recovery ater Leve	ies ,	Volum						rt	
13:17 13:50 .484 16.0 3.0 12.64 6.55 13:55				5	13:55	55	6	2.64		3,0	. Ø	16	84	.4	3:50		13:17
Votes: Installed Aprox 45 FT Tubing + I CHeck Valve			* *				ralve	Heck	+ 10	bing	FT TO	4 45	APros	iled	INSTAL		lotes:
										'	-	• -		•			
							•								* •	•	,





TAIT Environmental Management, Inc

Project Na			·				Date:	6-13						
Project No.							Prepar		5R					
Yell Identi		MW - 10		·			Weath		รบพพร		S	creen:		
leasurem	ent Point De	scription	: Toc	NorTh	 		Pump	Intake:	8 FT					
Depth to LNAPL (ft-bmp)	Static	th to Water (ft-bmp)		tal Depth bmp)	Water Columi Height (ft)	i	L Thickne (ft-bmp)		One (1) /olume (_	ca S) Volu	ee (3) sing umes lons)	Above Screen Volume	Screen Volume
Nlo	5,0	0	9.5	8	4.58	^	ilo		.7:	32	2.	19		
Wall Dia	ımeter (in)		Gallo	ns/Foot		Field Equ	ipment:	Horiz	ba, h	laLte	OFA Pum	p, In	verter	
Well Dia	iiiietei (iii)	0.75	2	4	6	Purge Me			EFA			. ,		
0.75 2	4 6	0.02	0.16	0.65	1.47	Well Con		OK	•	·				
Time	Casing) Screen	Volume Purged (gallons)	Flow Ra		el Pr		oerature °C)	Furbidity (NTU)		ctivity (m_)	Dissolved Oxygen (mg/L)	ORP (mV)	Obs	ervations
4:21	1.0	,75	, 15	N	R 7.2	20	0.3 7	990	,6	0	3.26	* 5 <i>5</i>	GREY	/
4:26	2.0	1,50	.15	NI			o. 4 7	990	,6	4	3.37		GRE	
14:31	3,0	2,25	.15	NIA	२ 7. व	} 20	0,3 7	990	.6	ِ کر	3.10	-69	GR.	E 4
	:		,								· ·			· · · · · · · · · · · · · · · · · · ·
							*							
Purge Start Time	Purge End Time		ge Flow pm)	Total Gallons Purged	Total Ca Volum Purg	ies \	80% Recovery /ater Level Depth	at Sa	er Level ampling (ft-bmp)	Colle	nple ection ne	Saı	mple Identifica	tion
14:15	14:31	, 1	47	2.25	3,0	5	,92	5.0	00	14:	33			
Notes:	Insta	alled f	Prox	15 FT T,	ubing	+ 1 C	Heck	VA Ive	2					



Page __ of __

TAIT Environmental Management, Inc.

Weather: Sunny Screen Static Water (ff-bmp) Depth to Sta	Project Nan Project No.:		२ ००१ ८					Date: Prepar	ed By:			······································	·. ·		
Depth to LNAPL (Rt-bmp)					N- T1						7	Sc	creen:		
Calions/Foot Field Equipment: Horiba; Waltera Pump Tuverter	Depth to	Dep Static	th to Water	Well To	tal Depth	Columr Height		L Thickne	ess	One (1)	Casing	Cas Volu	sing Imes	Screen	Screen Volume
0.75 2 4 6 Purge Method: WALTER Pump	NID	5.4	12	19	,38	13.96	/	ulo		2.2	3	6.	70	_	-
1.75 2 4 6 Purge Method: WALTER Pump	Well Dian	neter (in)		Galio	ns/Foot		Field Equ	ipment:	Hori	bA,	WALt	era Pu	mp,	Invert	وس
17.5 2 4 6 0.02 0.16 0.65 1.47 Well Condition: O X	—————		0.75	2	4	6	Purge Me								
Time Casing Screen (gallons) Purged (gallons) Flow Rate (gpm) Level (ft-bmp) Ph Temperature (°C) Turbidity (NTU) Conductivity (NTU) Oxygen (mg/L) ORP (mV) Observation 14:59 1.0 2.0 .5 µ/R 7.1 /8.1 7990 .71 4/.04 -89 GREY 15:02 2.0 4.0 .66 .5 µ/R 7.2 /7.8 7990 .64 0.85 -106 GREY 15:04 3.0 6.0 .5 µ/R 7.3 /7.6 7990 .61 5.13 -97 GREY Purge Start Time Time Average Flow (gpm) Total Gallons Purged Volumes Purged Water Level Depth Sample Collection Time Sample Identification	0.75 2	4 6	0.02	0.16	0.65	1.47	Well Con					1			
S:02 2.0 4.0 .666 wire 7.2 17.8 7990 .64 0.85 -106 GREY S:06 3.0 6.0 .5 wire 7.3 17.6 7990 .61 5.13 -97 GREY Purge Start Time Purge End Time Average Flow (gpm) Total Gallons Purged Total Casing Volumes Purged Purged Water Level Depth Sample Collection Time Sample Identification Sample Identification	Time 6	asing) Screen	Purged	1	te Leve	el Ph				Condu رکی	ctivity	Oxygen		Obs	ervations
Purge Start Time Purge End Time Average Flow (gpm) Total Gallons Purged Purged Purged Purged Purged Purged Start Purged Purged Purged Purged Start Purged Purged Purged Start Purged Purged Start Purged Purged Start St	14:59	1.0	2.0	. 5	الم	۹ 7.1	18	3.1 7	990	.7	1	4.04	-89	GREY	•
Purge Start Time Purge End Time Average Flow (gpm) Total Gallons Purged Volumes Purged Volumes Purged Purged Depth Water Level Depth Sample Collection Time Sample Identification	15:02	2.0	4.0	، لو لو	اله ما			7.8 7	990	,6	4	0.85		<u> </u>	•
Purge Start Time (gpm) Total Gallons Purged Volumes Purged Purged Purged Purged Sample Total Casing Volumes Purged	5:66	3,0	6.0	. 5	الم	e 7.3	_ /7	7.6 7	990	.6	1	5.13	-97	GREY	•
Purge Start Time Time (gpm) Total Gallons Purged Volumes Purged Purged Volumes Purged Nater Level Depth Time (ft-bmp) Sample Collection Time Sample Collection Time															
Purge Start Time Time (gpm) Total Gallons Purged Volumes Purged Purged Volumes Purged Depth Water Level Depth Water Level Depth Sample Collection Time Sample Collection Time Sample Collection Time Sample Collection Time									·						
WILE 1514 545 10 20 800 110 1510						Volum	es W	Recovery ater Level	at Sa	ampling	Collect	ion	San	nple Identifica	tion :
14:55 15:06 .545 6.0 3.0 8.22 6.10 15:08	14:55	15:06	.5	45	6.0	3,0	8	1.32	6.	10	15:	98			
Notes: Installed Aprox 25 FT tubing + 1 Citeck VAlue	Notes:		•	T	ustalled	APro	× 25 ^F	T tubin	11 +	1 CHe					



Project Nan	ne: MVR							-	13-06					
Project No.:									y: 5R					
Well Identifi	ication: //	1W-	10 LF				Weath	ier:	Cloud; e: 34	<u>, </u>	Sc	reen:		
Measureme	nt Point Des	cription	: To	C Nor	T 1-1		Pump	Intak	e: 34 ¹	* T				
Depth to LNAPL (ft-bmp)	Depth Static V Level (ft	Vater		tal Depth bmp)	Water Colum Heigh (ft)	n LN	APL Thickn (ft-bmp)	ess	One (1) Volume (Thre Cas) Volu (gall	ing mes	Above Screen Volume	Screen Volume
Nlo	5,99	î	39	.90	33.9	1	Nlo		5,42	₹	16.0	7		
Well Diar	neter (in)		Galle	ons/Foot		Field E	quipment:	Hor	·iba, c	UALte	A Pur	$\wedge \rho$, $\mathcal I$	nverte	۴
	(,	0.75	2	4	6	Purge l	Method:	WAL	terA	Pumi	٥	•		
0.75 (2)	4 6	0.02	0.16	0.65	1.47	Well Co	ondition:	OK						
Tîme C	asing) Screen	Volume Purged gallons)	Flow R (gpm	ate Le	iter vel P mp)	h Te	mperature (°C)	Turbidi (NTU)		ctivity	Dissolved Oxygen (mg/L)	ORP (mV)	Obs	ervations
15:39	1.0	5,5	, 34	3 1	R 7.	4 ,	19.4	740	. 30	2	4,/3	-107	GRE	4
15:55		11.0	, 34		R 7.	3 /	19.2	310			4.12	-/03	GRE	Y
16:11		16.5	. 34	3 N	IR 8.	0	19.2	226			3.75	-107	Clou	
											· · · · · · · · · · · · · · · · · · ·			
													-	
:	•										:			
Purge Start Time	Purge End Time		ge Flow pm)	Total Gallon Purged	s Total C Volui Purç	nes	80% Recovery Water Level Depth	at	ater Level Sampling ne (ft-bmp)	Sam Colled Tim	tion	San	nple Identifica	ation
15:23	16:11	,3,	43	16.5	3.0	5	12,78	ئ	2130	16:	15			
Notes:		,		INSTA	illed A	Prox	45FT	Tubi	~q +	1 CHE	ch VAlu	e		. - I
					•					•				



Page __ of __

TAIT Environmental Management, Inc.

Project Na						Date		4-06					
roject No.		5009A				Weat	ared By:	SR Sunn	<u> </u>	6.	reen:		
Vell Identi	fication: ent Point De	MW-6		NOFTH	· · · · · · · · · · · · · · · · · · ·		ner: o Intake		7 FT		reeni		
Depth to LNAPL (ft-bmp)	Dep Static	th to Water (ft-bmp)	Well Tota (ft-br	l Depth	Water Column Height (ft)	LNAPL Thick	ness	One (1) Volume (Casing	Thre Cas) Volu (gali	ing mes	Above Screen Volume	Screen Volume
Nla	3.1	0	15.0	O	11.90	Nlo		1,9	٥	5.7	1		<u></u>
	4 45		Gallon	s/Foot		Field Equipment:	Hor	iba.	WAL	tera f	ump,	Invert	2 V
Well Dia	ımeter (in)	0.75	2	4	6	Purge Method:		tera			, ,		
0.75 (2)	4 6	0.02	0.16	0.65	1.47	Well Condition:	OK						
Time (Casing/Screen	Volume Purged (gallons)	Flow Rate (gpm)	Water Level (ft-bm)	l Ph	Temperature (°C)	Turbidity (NTU)	Condu		Dissolved Oxygen (mg/L)	ORP (mV)	Obs	ervations
08:22	1.0	2.0	, 117	NR	7,1	/9.1	150	,2	9	4.83	-99	Clea	r
08:31	3.0	4.0	. 222	NIR	7.6	7 18.8	120	,32	?	4.57	-114	Cleni	~
8:39	3.0	6.0	, 25	NIR	7.	1 18.3	61	.35	3	4.17	-115	Clear	
Purge Start Time	Purge End Time		ge Flow To	tal Gallons Purged	Total Ca Volum Purge	les Recovery	at S	er Level ampling (ft-bmp)	Sam Colled Tim	tion	Sar	mple Identifica	tion
08:05	08:39		. —	6.0	3.(*		99'	08				
Notes:		Well	CASina	Nee	d's Ma	"x 3" Nir	ple u) 64	HOLD	s g ", J	" Colla	· C	



Page of

TAIT Environmental Management, Inc. MYR 6-14-06 Project Name: Date: Project No.: Em 5009 A Prepared By: SR Wall Identifications Woothor Caracui

well iden	titicati	on:	111W-6	· U				weather:	20mm4		creen:	•	
Measuren	ment Po	oint De	escription	: Toc	NorTH	4		Pump Intake	# 24FT				
Depth t LNAPI (ft-bm)	L	Static	oth to : Water (ft-bmp)	Well Tota (ft-bi	-	Water Colum Heigh (ft)	n LNAPL	Thickness -bmp)	One (1) Casin Volume (gallor	ng Cas ns) Volu	ee (3) sing imes lons)	Above Screen Volume	Screen Volume
٦	10	4.	05	29.	15	25.1	^	10	4.01	12.	04		<u></u>
Well D	lamata.	(i)		Gallons/Foot			Field Equip	ment: $\mathcal{H}_{\delta\Gamma}$	ibA, WAL	tera Pu	mo, I	~verter	-
AAGII DI	iamete	r (in)	0.75	2	4	6	Purge Meti			mp	. [] .		
0.75 2	4	- 6	0.02	0.16	0.65	1.47	Well Condi	tion: OK					
Time	Casing	Screen	Volume Purged (gallons)	Flow Rate (gpm)	Wate Leve (ft-brr	el P	h Tempe			Dissolved Oxygen (mg/L)	ORP (mV)	Obs	ervations
08:55	1.0	١	4,0	, 8	NI	R 7,4	19.0	340	,26	5.27	-107	Clour	lv
09:00	2,0	2	8.0	. 8	NI	R 7.	6 18.8	350	.24	5.88	-111	Cloud	

09:05 3.0 .8 NIR 7.3 18.6 330 5.76 Cloudy .22 -107 12.0 80% Total Casing Water Level Sample Purge Start Purge End Average Flow Total Gallons Recovery Volumes at Sampling Collection Sample Identification Time Time (gpm) Purged Water Level Purged Time (ft-bmp) Time Depth 09:05 9.07

4.10

09:10

Notes:

08:50

Rethread Well Box Bolt's TAP Holes (need's New GASKET)

3.0

12.0



Page __ of __

Project Name: MVR 6-14-06 Date: Em 5009 A Prepared By: SR Project No.: Weather: Sטאט ל MW-95 Well Identification: Screen: Pump Intake: 10 FT **Measurement Point Description:** TOC NORTH Water Three (3) Depth to Depth to Above Well Total Depth Column **LNAPL Thickness** One (1) Casing Casing Screen LNAPL Static Water Screen (ft-bmp) Height (ft-bmp) Volume (gallons) Volumes Volume (ft-bmp) Level (ft-bmp) Volume (ft) (gallons) NO Nlo 1.60 2.14 12.20 10.06 4.82 Horiba, WALtera pump, Inverter Gallons/Foot Field Equipment: Well Diameter (in) 0.75 4 6 **Purge Method:** Waltera pump 0.75 (2 6 0.16 0.65 0.021 47 **Well Condition:** OK Volume Water Dissolved Flow Rate Temperature Turbidity Conductivity ORP Casing V Screen Time Purged Ph Level Oxvaen Observations (apm) (°C) (s/m) (NTU) (mV) (gallons) (ft-bmp) (mg/L) 7.4 09.46 1.0 19.0 7990 5.27 1.5 .136 NIE -32 .28 BROWN 7.3 09:56 7990 4.73 2.0 3.8 .15 NR 18.4 .26 BROWN -10 . 27 3,0 10:06 17.7 750 4.5 .15 NR 6.43 - 12 Cloudy 80% Total Casing Water Level Sample Purge Start Purge End Average Flow **Total Gallons** Recovery Volumes at Sampling Collection Sample Identification Time Time Puraed (gpm) Water Level Puraed Time (ft-bmp) Time Depth .145 4,5 n9:35 2.70 10:06 3.0 4,16 10:08 Afrox 16 FT. Tubing Installed w/ 1 CHeck VAlve Notes:



16,89

Groundwater Sampling Data Sheet

TAIT Environmental Management, Inc

Page of

roject Nar							Date:		4-00	<u> </u>				
roject No.		009 A					_ -	ed By:						
Vell Identif		4M-9					Weath	er: C	zonini	<u> </u>	Sc	reen:		
leasureme	nt Point De	scription	Toc	North	,		Pump	Intake:	<i>ට</i> ം '	FT	1			
Depth to LNAPL (ft-bmp)	Statio	th to Water (ft-bmp)		tal Depth bmp)	Water Columi Height (ft)		PL Thickne (ft-bmp)		One (1) /olume (Casing gallons)	Thre Cas Volu (gall	ing mes	Above Screen Volume	Screen Volume
Nlo	3.	16	24	,28	21.12	,	Nlo		3,3	7	10.1	3		
Well Dia	meter (in)		Gallo	ons/Foot		Field Equ	ipment:	Horib	ba, h	JALte	rA Pu	mp, I	nverte	<u>^</u>
rich bla	meter (m)	0.75	2	4	6	Purge Me				Pump		, ,		
0.75 (2)	4 6	0.02	0.16	0.65	1.47	Well Con)K						
Time (asing/ Screen	Volume Purged (gallons)	Flow Raig	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	el Ph		perature 7°C)	Turbidity (NTU)	Condu	ctivity	issolved Oxygen (mg/L)	ORP (mV)	Obs	ervations
10:28	1.0	3,5	, 3 5	5 NI	R 7.3	1	8.1 >	990	,2		5.36	- 74	GRE	Y
6:33	2,0	7.0	.31	8 11	R 7.1		7.7 7	990	.2	8 4	3.09	-88	GRE	: Y
10:43	3.0	10.5	, 35	ila si	R 7.3	1	7.5	510	,2	8 ,	7.09	-84	C 60	udy
Purge Start Time	Purge End Time		ge Flow pm)	Total Gallons Purged	Total Ca Volun Purg	es \	80% Recovery /ater Level Depth	at Sa	r Level mpling (ft-bmp)	Sampl Collection Time		Sar	mple Identifica	ition
10:12	10:43	I -	1	10.5	3.0	İ	7,38	3.	,	10:4	5			
lotes:	ř	785.04	30 FT C)F New	Tubin	η ω/ i	CHeck	VAlve		_				****





TAIT Environmental Management, Inc.

Project Nai Project No.		R 009 A			· · · · · ·		Date: Prepai	<i>6- /⁴</i> red By:	4-06 5R			· .		
	fication: M						Weath		א מממע		Sc	reen:	•	
Depth to LNAPL (ft-bmp)	Static	h to Water	Well To	tal Depth bmp)	H Water Column Height (ft)		Pump PL Thickn (ft-bmp)	1	35 ^f One (1) f	Casing	Cas (S) Volu	e (3) ing mes ons)	Above Screen Volume	Screen Volume
Nlo	3,4	6	39	.11	35.65	^	10		5,7	0	١٦,	<i>t t</i>	<u> </u>	
Well Dia	meter (in)			ons/Foot								mρ, -	Inverte	۲
0.75 (2)	4 6	0.75	0.16	0.65		Purge Me Well Con	ethod: ——————— dition:	W <u>al-</u> 0 K	tera	Pum	P			
	Casing / Screen	Volume Purged (gallons)	Flow R	- P//	el Ph		perature (°C)	Turbidity (NTU)	Condu (S	ctivity	Dissolved Oxygen (mg/L)	ORP (mV)	Obs	ervations
แ:ลเ	1.0	6.0	.28	5 NI	R 7,5	1 10	7.2	7990	, 2	2	2.35	-107	GRE	7
11:43	2,0	12.0	,27		R 7.5	, 10	٦. ي	7990	. ي.	2	3.69	-103	GRE	Y
70:61	3,0	18.0	,25		R 7.0	6 /	7.9	7990	, 2	2	5.01	-92	GRE	Y
Purge Start Time	Purge End Time		age Flow gpm)	Total Gallons Purged	Total Ca Volume Purge	es \	80% Recovery Vater Level Depth	at Sa	er Level ampling (ft-bmp)	San Colle Tir		Sa	mple Identifica	ation
11:00	12:07	.2	68	18.0	3,6		10.59	10	,50	۱٦	:40			
Notes:	ב	NETAL	led Ap	rox 45 ^f	Tubir	9 + 10	steck Vi	alve			•			



Page __ of __

TAIT Environmental Management, Inc

Name Static Water Cit-bmp Height (ft) Height (ft	roject Nam		-							14-06					
Depth to LNAPL (ft-bmp) Depth to Static Water (ft-bmp) Depth to LNAPL (ft-bmp) Depth to LNAPL (ft-bmp) Depth to LNAPL (ft-bmp) Depth to LNAPL (ft-bmp) Depth to LNAPL Thickness (ft-bmp) Depth															
Depth to LNAPL (H-bmp) Depth to Static Water (H-bmp) Depth (H-bmp) Dep								Weatl	ner: S	לאיאל		Sc	reen: '		
Depth to Static Water Level (ft-bmp) Well Total Depth (ft-bmp) Height (ft-bmp) LNAPL Thickness (ft-bmp) Volume (gallons) Volume (g	easuremen	t Point Des	cription	TOC	NorTI	H		Pump	Intake	# 8°'		1			
	LNAPL	Static V	Vater		-	Colum Height	ı LNA		iess			Cas Volu	ing mes	Screen	Screen Volume
13:13 1.0 1.0 1.0 1.1 1.1 1.3 1.3 1.3 1.3 1.3 1.3 1.3 1.5 1.3 1.5 1.3 1.5 1.3 1.5 1.3 1.5 1.3 1.5 1.5 1.3 1.5 1.	NID	3,6	9	9.4	13	5.74		Nlo		,9/	8	2.7	15		<u></u>
13:13 1.0 1.0 1.0 1.1 1.1 1.3 1.3 1.3 1.3 1.3 1.3 1.3 1.5 1.3 1.5 1.3 1.5 1.3 1.5 1.3 1.5 1.3 1.5 1.5 1.3 1.5 1.	Well Diam	neter (in)		Galle	ons/Foot	<u>, , , , , , , , , , , , , , , , , , , </u>	Field Eq	uipment:	Hor	iba,	WALT	UTA P	ump,	Invert	er
13:13 1.0 1.			0.75	2	\ 4	6	Purge M	ethod:					ŗ		
Time Casing Screen Purged (gallons) Flow Rate (gpm) Flow Rate (gpm) Ph Temperature (°C) Turbidity (NTU) Screen (mg/L) Oxygen (mg/L) Oxygen (mg/L) Observation (mg/L) Ph (mV) Observation (mg/L) Ph (mV) Observation (mg/L) Ph (mV) Oxygen (mg/L)	.75 (2)	4 6	0.02	0.16	0.65	1.47	Well Co	ndition:							
3:33 3.0 3.0 AVERAGE FLOW (gpm) Total Gallons Purged Time Purge Start Time Time Average Flow (gpm) Total Gallons Purged Total Casing Volumes Purged Purged Depth Time (ft-bmp) Sample Collection Time Sample (gpm) Sample Collection Time Sample (gpm) Sample Collection Time Sample (gpm)	Time Ca	sing Screen	Purged		ate Lev	rel Pi	ו	(°C)			ctivity	Oxygen		Obs	ervations
3:33 3.0 3.0 1.1 1.1 2.1 2.1 2.9 0.20 8.80 -78 GAEY 3:31 3.0 3.0 1.0 1.0 2.1 2.1 2.9 2.2 2.9 3.2 -98 GAEY Purge Start Time	3:13	1.0	1.0	. 1	יא	IR 7.	2 2	72.1	799C	, 2	1 5	.09	-87	GRE	4
3:31 3,0 3,0 3,0 N/R 7.3 21.2 7970 .20 5.32 -98 GREY				· · · · · · · · · · · · · · · · · · ·	NI	A 7.	4 6	21.8	7990	,20	o 8	2.80	-78	GRE	Y
Purge Start Time Purge End (gpm) Total Gallons Purged Volumes Purged Volumes Purged Depth Sample Collection Time Sample Identification Sample Identification Sample Collection Time Sample Collection Time Sample Identification Identi					NI	R 7.	3 2	71.2	7990	. 2	o 3	5.32	- 98	GRE	Y
Purge Start Time Purge End Time Average Flow (gpm) Average Flow (gpm) Average Flow (gpm) Purged Purged Total Gallons Purged Volumes Purged Purged Recovery Water Level Depth Recovery Water Level at Sampling Time (ff-bmp) Time Sample Collection Time Sample Identification Time															
Purge Start Time Purge End Time Average Flow (gpm) Average Flow (gpm) Average Flow (gpm) Purged Purged Total Gallons Purged Volumes Purged Purged Recovery Water Level Depth Recovery Water Level at Sampling Time (ff-bmp) Time Sample Collection Time Sample Identification Time															
Purge Start Time Purge End Time Average Flow (gpm) Average Flow (gpm) Total Gallons Purged Volumes Purged Volumes Purged Depth Sample (ft-bmp) Sample Collection Time Sample Collection Time Sample Identification Time Sample Collection Time Sample Sample Identification Sample Identification Sample Identification Sample Identification Sample Identification Sample Identification Sample Identification Sample Identification Sample Identification Sample Identification Identificat					<u></u>										
	-	-				S Volur	nes ,	Recovery Nater Level	at S	Sampling	Collection		Sa	ample Identifica	ition
	13:63	13:31	.10			I	i i					33			· · · · · · · · · · · · · · · · · · ·
Notes: Installed Afrox 15 FT Tubing + 1 CHeck Valve	lotes:		,	Ipo	talled	Afrox	15 FT	Tubine	1 +	1 CHeck	CVAIVE				
			•			4									



Page ___ of ___

TAIT Environmental Management, Inc

Project Na							Date:		14-06					
Project No.									: SR			reen:		
Vell Identi		1W-1		Nort	11				<u> 50224</u> e: 18F7	•	30	reen:		
Depth to LNAPL (ft-bmp)	Static \	h to Water	Well To	otal Depth -bmp)	Water Colum Height (ft)	ı LNA	PL Thickne (ft-bmp)		One (1) (Casing	Cas	e (3) sing mes ons)	Above Screen Volume	Screen Volume
Nlo	3,7	0	20	ر5 ر	16.8		Nlo		2.6	8	8.0	26		
			Gall	ons/Foot		Field Eq	uipment:	Hor	ibA,	WAL	tera Po	amp.	Inverte	L~
Well Dia	ımeter (in)	0.75	2	4	6	Purge M			Ltera			- 0		
0.75 2	4 6	0.02	0.16	0.65	1.47	Well Co	·-	OK						
Time	Casing Screen	Volume Purged (gallons)	Flow F	. e	vel P	Tem	nperature (°C)	Furbidi (NTU)		ctivity	Dissolved Oxygen (mg/L)	ORP (mV)	Obs	ervations
3:50	1.0	3,0	. 3	NI	R 7.	2 2	0.7	7990	,2	(4.80	-110	GRE	Y
4:00	2.0	6.0	, 3				,	990	:چ, و	3	4.52	-/08	GRE.	1
4:11	3.0	9.0	, 2	72 Nl	2 7	, G 0	20,5 7	990	,2		3.98	-///	GREY	,
	_													
													ł	
Purge Start Time	Purge End Time		ge Flow gpm)	Total Gallon: Purged	s Total C Volur Purg	nes 📗 ,	80% Recovery Water Level Depth	at	ater Level Sampling e (ft-bmp)	Colle	nple ection ne	Sa	imple Identifica	ation
13:40	14:11	هُ مِ •	290	9,0	3.0	S	7.06	4	-11	14	:30			- , ,
lotes:		•	I	nstalle.	d APr	0× 25	SFT TUB	ing	+ 1C	Heck	VAlue			
		1	•		•			•						
	:													



Page __ of __

TAIT Environmental Management, Inc.

roject No		IR					Date		-14-00	•					
Project No.: Em 5009C Well Identification: MW-11LF								Prepared By: SR							
		<u> MW-</u>					Weat		SUNN		50	reen: ,			
Depth to Depth to Static Water (ft-bmp) Level (ft-bmp) C National Tolon Well Total Depth (ft-bmp)			-	Water Column LNAPL		I	. Thickness O		One (1) Casing		e (3) sing imes ons)	Above Screen Volume	Screen Volume		
NID	3.	90	39	.41	35.5	l	Nlo		5,6	,8	17.	04		_	
107 - 11 Pol-	· · · · · · · · · · · · · · · · · · ·		Gallons/Foot Field Equip				Equipment:	pment: Horiba, WALtera Pump, Inverter							
Well Diameter (in) 0.75		2	2 4 6			Purge Method: WALTER PUMP									
.75 (2)) 4 6	0.02	0.16	0.65	1.47	Well C	Condition:	01			-				
Time (Casing / Screen	Volume Purged (gallons)	Flow Ratington (gpm)	e Wate	el P	h	emperature (°C)	Turbic (NTU		uctivity	Dissolved Oxygen (mg/L)	ORP (mV)	Obs	ervations	
14:48	1.0	16.0	3,0	NIR	7,	9	23.1	799	0 .1	7	5,79	-//3	G 98	Y	
15:00	2.0	12.0	.5	rlf		9	₽3.3	799	5 .1	7	4.17	-104	GRE	1	
15:13	3,0	18.0	1461 NI		R 7.	. <i>8 2</i> 3.2	<i>ఎ</i> 3,ఎ	799	0 .1	.17 4.3		8 -106	GRE	4	
							550/			<u> </u>					
		age Flow T gpm)	w Total Gallons Vol		casing 80% mes Recovery ged Water Leve Depth		at	at Sampling Co		Sample ollection Time		Sample Identification			
14:46	15:13		066	18.0	3,	0	11.00		5.15	15	:30				
lotes:		•	~fr	wstall	ed A	Prox	45 ^{FT} 7	ubil	Jeg + 10	CHeck	K VAlve			***************************************	
		•			,			-	•						
					•										



Page __ of __

TAIT Environmental Management, Inc.

Project Name: MVR Project No.: EM5009C							Prep:	Date: 6-14-06 Prepared By: SR							
Neil Identi Neasurem	fication: ent Point De	MW- scription		20 1	North	+				יין איין טיי e: יין איי		Sc	reen:		
Depth to LNAPL Static Water (ft-bmp) Level (ft-bmp)		Well Total Depth (ft-bmp)			Water		NAPL Thickness (ft-bmp)		One (1) Casing Volume (gallons)		· 1	ing mes	Above Screen Volume	Screen Volume	
Nlo	2.	55	8.	48		5,93		مام				3,			
well Nie	meter (in)		Gal	lons/F	oot		Field I	Equipment:	Ho	ribA	WAL	tera Pu	mp, I	[~ver7	ter
Hell Dia		0.75	2	7	4	6	Purge	Method:							
0.75 (2)	4 6	0.02	0.16		0.65	1.47	Well C	ondition:					,		
Time	Casing/ Screen	Volume Purged (gallons)	Flow I		Water Level (ft-bmp)	Pł	, Т	emperature (°C)	Turbidi (NTU)	-	ductivity	Dissolved Oxygen (mg/L)	ORP (mV)	Obs	ervations
15:38	1	110	, 2	,	NIR	7.	S	20.9	7990)	18	3.09	-57	GR	٤٧
15:45	2	2.0	.14	12	NR	7,		20.2	7990		' 5	5.02	-66		
15:52	3	3,0	. 14	12	NIR	7,	7	19.9	799	0	15	5.31	*65	GRE	. Y
Purge Start Time	Purge End Time		age Flow gpm)		Gallons rged	Total Ca Volun Purg	nes	80% Recovery Water Leve Depth	, at:	ater Level Sampling e (ft-bmp)	Colle	nple ection me	Sam	nple Identifica	ation
15:33	15:52	.1	57	3	۰,٥	3,4	2	3.73	3	,ব।	16	:00			
Notes:		,*	<u> </u>				<u>-</u>								



TAIT Environmental Management, Inc.

Groundwater Sampling Data Sheet

Page of

6-14-06 MVR Date: Project Name: Prepared By: 50 Em 50090 Project No.: Weather: SUNNY Well Identification: MW~70 Screen: -Pump Intake: 20 F T Measurement Point Description: Toc NorTH Three (3) Water Above Depth to Depth to Casing Well Total Depth Column **LNAPL Thickness** One (1) Casing Screen Screen Static Water LNAPL (ft-bmp) Volume (gallons) Volumes Volume (ft-bmp) Height Volume Level (ft-bmp) (ft-bmp) (galions) (ft) 3.19 23,61 19.95 SHEEN 9.57 3.66 SHEEN Field Equipment: Horiba, WALtera Pump, Inverter Gallons/Foot Well Diameter (in) 2 6 Purge Method: WALterA Pump 0.75 OK 6 0.02° 0.16 0.65 1 47 Well Condition: 0.75 Dissolved Water Volume Conductivity ORP Turbidity Flow Rate Temperature Oxygen Ph Observations Casing & Screen Purged Level Time (°C) (NTU) (5/m) (mV) (apm) (mg/L) (ft-bmp) (gallons) 7990 7.1 190 3.27 -99 3.0 428 WIR GROY GASoline belor 16:07 1.0 -94 7.2 7990 4.33 18.6 6.0 NID .6 16:12 2.0 - 90 7990 3.38 Nle 7.1 18.6 ,21 61 11 3.6 9.0 16:20 80% Water Level Total Casing Sample Purge Start Average Flow **Total Gallons** Recovery Purge End Volumes at Sampling Collection Sample Identification Water Level Time Time (gpm) Puraed Purged Time (ft-bmp) Time Depth 1 9.0 7.65 3.0 7.48 16:30 .45 16.20 16:00 **Notes:**

APPENDIX C CERTIFICATE OF DISPOSAL



4084339521

INTEGRATED WASTESTREAM MANAGEMENT, INC. 1945 CONCOURSE DRIVE, SAN JOSE, CA 95131 PHONE: 408.433.1990 FAX: 408.433.9521

CERTIFICATE OF DISPOSAL

alley Rock Co.	Facility Name:	Mission Valley Rock
enour Way	Address:	7999 Athenour Way
A 94586		Sunol, CA
vert	Facility Contact:	Paul McCarter, Tait Environmental
2257	Phone:	714-560-8612
	alley Rock Co. nenour Way A 94586 vert -2257	nenour Way Address: A 94586 Vert Facility Contact:

96072-DE IWM Job#: 5 Drums of Description of Waste: Non-Hazardous Water 7/20/06 Removal Date: SP200706-MISC Ticket #:

Transp	orter Information	Dispos	Disposal Facility Information				
Name:	IWM, Inc.	Name:	Seaport Refining & Environmental				
Address:	1945 Concourse Drive	Address:	675 Seaport Blvd				
	San Jose, CA 95131		Redwood City, CA 94063				
Phone:	(408) 433-1990	Phone:	(650) 364-1024				

IWM, INC. CERTIFIES THAT THE ABOVE LISTED NON-HAZARDOUS WASTE WILL BE TREATED AND DISPOSED AT THE DESIGNATED FACILITY IN ACCORDANCE WITH APPLICABLE FEDERAL, STATE, AND LOCAL REGULATIONS.

111: 2. Ox For	
William T. DeLon William 2. Octon	07/20/06
Authorized Representative (Print Name and Signature)	Date

APPENDIX D LABORATORY REPORT



SunStar Laboratories, Inc.

23 June 2006

Paul McCarter
Tait Environmental
701 N. Parkcenter Drive
Santa Ana, CA 92705

RE: Mission Valley Rock

Enclosed are the results of analyses for samples received by the laboratory on 06/15/06 19:00. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

John Shepler

Laboratory Director

Chain of Custody Record

1600810

SunStar Laboratories, Inc. 3002 Dow Ave., Ste. 212 Tustin, CA 92780 714-505-4010

Client: TA:T F	FW V					ı	Date	∋:	(/o -	-/5	5-0	00	•			Page	e: /	!	Οı	2		
Address: 701 ~ . F		R.				1	Proi	ect I	Nan	ne:	p	٦i.	55	10	ربر		4 1 le	ey K	200	/C			
Phone: (714)560 -				•		(Coll	ecto	٠.	5	R				.=	(Client	t Proied	:t #:	EM	500	94	
Project Manager: Paul	1 macanter			-				ch #:							3			# T o	60	2/0	2692		
Project Manager. Tho	77(2 -117121			•			Dail	<i>ا</i> ار اار	·—						(8)			#. <u> </u>	<i>Φ</i> .	<u> </u>	90 (9		
Sample ID MW - 7 D MW - 7 S MW - 11 L F MW - 11 D MW - 9 S MW - 9 D MW - 9 L F MW - 6 D MW - 6 S MW - 10 L F MW - 10 L F MW - 10 S	Date Sampled Time 6-14-06 /6:30 6-14-06 /6:00 6-14-06 /5:30 6-14-06 /3:33 6-14-06 /3:33 6-14-06 /0:45 6-14-06 /0:45 6-14-06 09:10 6-14-06 08:41 6-13-06 /6:15 6-13-06 /5:08 6-13-06 /5:08		Container Type Yow	8260	8260 + OXY	BTEX, OXY only			8015M (gasoline)	8015M (diesel)	8015M Ext./Carbon Chain	6010/7000 Title 22 Metals	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX		5718000 4000 500 1 Laboratory ID#				servative		APARAMAN APARAMAN Total # of containers
MW-12LF	6-13-06 13:55	1	V	+							\vdash		X	夂	攵		14			-			पं
MW-12P	6-13-06 13:10	Hao	4022							 	 	 	X	X,	X		15						Ц
Relinquished by: (signature) Relinquished by: (signature)	Date / Time 6/15/06 19:00 . Date / Time	Received b	y: (signature) y: (signature)		ℓ_L	Date Date	06	1	900			f Cus	stody eals	/ sea intac	ils Y/I :t? Y/I	iners	60	(EDF	Note	es		
Relinquished by: (signature)	Date / Time	Received b	y: (signature)			Date	e / Ti	ime		1						rmA							
Sample disposal Instructions:	Disposal @ \$2.00 each	Return	to client		Pick	บท				-													

Chain of Custody Record

T600810

SunStar Laboratories, Inc. 3002 Dow Ave., Ste. 212 Tustin, CA 92780 714-505-4010

Client: TAIT EN	· V							Dat	e:	6	, – ,	15.	-(26	2			Page:	<i>⊋y K</i> Project#	(of <u>2</u>		_
Address:								Pro	ject	Nan	ne:_	1	nis	35,	10	ب	V.	A 1/6	ex K	ock	<u> </u>		_
Phone: <u>(714)560</u> -	8300	Fax:						Col	lecto	or:		56	<u> </u>					Client	Project#	E	2500	914	_
Project Manager: Paul		ter							ch#									EDF#	: 700	<u>600</u>	1020		
	T				· · · ·			· · · · · ·					1			ক্র	,						$\overline{}$
Sample ID MW-12 S	Date Sampled 6-/3-06		Sample Type <i>H3</i> °	Container Type Ho m 4	8260	8260 + OXY	8260 BTEX, OXY only	8270	8021 BTEX	8015M (gasoline)	8015M (diesel)	8015M Ext./Carbon Chain	6010/7000 Title 22 Metals	XTPHD 8015 m	80150	X 0XV 8260 B (FUI) SOM		ح Laboratory ID #	Com	ments/F	Preservative	2	7 Total # of containers
MW-1	6-13-06		110	10 11.	 		 							文	X	兌		17					4
MW-20	6-/3-06													X	X	X		(8			_		4
MN-DM	6-13-06	09:55												×	X	×		19					14
MW-25	6-13-06				1									X	X	1		20					4
MW-3	6-12-06													X	X	又		21					4
MW-55	6-12-06													X	×	X		22					4
MW-50	6-12-06													X	X	X		23					4444
MW-45	6-12-06													X	又	\sim		24	•				4
MN-40	6-12-06													X	×	X		25					4
MW-8	6-12-06	11:45	H20	40ML										X	X	X		26					4
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& Kungin		6 19:00	1	24		زارر	-/	90	/	20	l l	ain a					N/ (D)				0.00		
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Relinquished by: (signature)	Date / T	IIIIe	Received b	y. (signature)			Dat	.e / I	mie		Tut	n ar	oun	d tin	ne: <mark>/</mark>	Jor	MA	4					
Sample disposal Instructions: [Disposal @ \$2.00	each	Return	to client		Pic	kup .				-					_							

Tait Environmental 701 N. Parkcenter Drive Santa Ana CA, 92705 Project: Mission Valley Rock

Project Number: EM25009A Project Manager: Paul McCarter Reported: 06/23/06 10:01

ANALYTICAL REPORT FOR SAMPLES

Sample ID	aboratory ID	Matrix	Date Sampled	Date Received
MW-7D	600810-01	Water	06/14/06 16:30	06/15/06 19:00
MW-7S	600810-02	Water	06/14/06 16:00	06/15/06 19:00
MW-11LF	600810-03	Water	06/14/06 15:30	06/15/06 19:00
MW-11D	600810-04	Water	06/14/06 14:30	06/15/06 19:00
MW-11S	600810-05	Water	06/14/06 13:33	06/15/06 19:00
MW-9S	7600810-06	Water	06/14/06 10:08	06/15/06 19:00
MW-9D	600810-07	Water	06/14/06 10:45	06/15/06 19:00
MW-9LF	7600810-08	Water	06/14/06 12:40	06/15/06 19:00
MW-6D	7600810-09	Water	06/14/06 09:10	06/15/06 19:00
MW-6S	600810-10	Water	06/14/06 08:41	06/15/06 19:00
MW-10LF	7600810-11	Water	06/13/06 16:15	06/15/06 19:00
MW-10D	600810-12	Water	06/13/06 15:08	06/15/06 19:00
MW-10S	7600810-13	Water	06/13/06 14:33	06/15/06 19:00
MW-12LF	7600810-14	Water	06/13/06 13:55	06/15/06 19:00
MW-12D	7600810-15	Water	06/13/06 13:10	06/15/06 19:00
MW-12S	7600810-16	Water	06/13/06 14:38	06/15/06 19:00
MW-1	7600810-17	Water	06/13/06 11:45	06/15/06 19:00
MW-2D	7600810-18	Water	06/13/06 10:55	06/15/06 19:00
MW-2M	7600810-19	Water	06/13/06 09:55	06/15/06 19:00
MW-2\$	Г600810-20	Water	06/13/06 09:20	06/15/06 19:00
MW-3	7600810-21	Water	06/12/06 15:30	06/15/06 19:00
MW-5S	7600810-22	Water	06/12/06 14:48	06/15/06 19:00
MW-5D	7600810-23	Water	06/12/06 14:10	06/15/06 19:00
MW-4S	7600810-24	Water	06/12/06 13:15	06/15/06 19:00
MW-4D	T600810-25	Water	06/12/06 12:45	06/15/06 19:00
MW-8	7600810-26	Water	06/12/06 11:45	06/15/06 19:00

SunStar Laboratories, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

701 N. Parkcenter Drive Santa Ana CA, 92705 Project: Mission Valley Rock

Project Number: EM25009A Project Manager: Paul McCarter **Reported:** 06/23/06 10:01

MW-7D T600810-01 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	, Not
		SunStar La	aborato	ries, Inc.					
Purgeable Petroleum Hydrocarbo	ons by EPA 8015n								
C6-C12 (GRO)	160000	10000	ug/l	200	6061603	06/16/06	06/20/06	EPA 8015m	
Surrogate: 4-Bromofluorobenzene		95.6 %	65-	-135	"	"	"	n	
Extractable Petroleum Hydrocar	bons by 8015		-						
Diesel Range Hydrocarbons	ND	0.050	mg/l	1	6061602	06/16/06	06/21/06	EPA 8015m	
Surrogate: Chrysene		112 %	75-	-125	"	"	n	n	
Volatile Organic Compounds by	EPA Method 8260)B							
Bromobenzene	ND	1.0	ug/l	1	6061604	06/16/06	06/19/06	EPA 8260B	
Bromochloromethane	ND	1.0	"	и	и	u.	Ħ	U	
Bromodichloromethane	ND	1.0	19	н	н	, 0	n	U	
Bromoform	ND	1.0	19	ıt		0	11	u	
Bromomethane	ND	1.0	11	17	lf.	†I	н	n .	
n-Butylbenzene	ND	1.0	n	IJ	l†	Ħ	И	11	
sec-Butylbenzene	150	50	н	50	t)	U.	06/20/06	н	
tert-Butylbenzene	ND	1.0	н	1	0	*1	06/19/06	n	
Carbon tetrachloride	ND	0.50	Ħ	u	U	11	II.	н	
Chlorobenzene	ND	1.0	+1	11	0	н	. #	n	•
Chloroethane	ND	1.0	**	11	**	и	If	н	
Chloroform	ND	1.0	11	79	11	н	If	R	
Chloromethane	ND	1.0	11	11	*1	μ	If	R	
2-Chlorotoluene	ND	1.0	11	11	н	ıı .	If	н	
4-Chlorotoluene	ND	1.0	11	11	N .	и	I7	N	
Dibromochloromethane	ND	1.0	11	11	0	н	**	н	•
1,2-Dibromo-3-chloropropane	ND	1.0	11	#1	11	И	H	И	
1,2-Dibromoethane (EDB)	ND	1.0	11	#1	41	п	If	ц -	
Dibromomethane	ND	1.0	11	11	11	И	n	н	
1,2-Dichlorobenzene	ND	1.0	11	11	u	II .	lt .		• ,
1,3-Dichlorobenzene	ND	1.0	11	11	Ħ	и	ti .	н	
1,4-Dichlorobenzene	ND	1.0	19	11	†1	Ц	li I	H	
Dichlorodifluoromethane	ND	0.50	. 11	п	п	н	U	lt .	
1,1-Dichloroethane	ND	1.0	11	H	11	п	ti.	ч	
1,2-Dichloroethane	ND	0.50	11	11	11	н	0	н	
1,1-Dichloroethene	ND	1.0	10	и	'n	Ħ	0	et .	
cis-1,2-Dichloroethene	ND	1.0	10	ıı	Ü	H	u	tt.	
trans-1,2-Dichloroethene	ND	1.0	19	И	И	l?	n	и	
1,2-Dichloropropane	ND	1.0	н	11	It	n	n	U	,
1,3-Dichloropropane	ND	1.0	н	ı	и	17	*1	0	,
2,2-Dichloropropane	ND	1.0	н	l†	и	lf .	11	n	
1,1-Dichloropropene	ND	1.0	n	I*	If	n	11	u	
cis-1,3-Dichloropropene	ND	0.50	Ħ	17	It.	O.	11	ii.	

SunStar Laboratories, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

701 N. Parkcenter Drive Santa Ana CA, 92705 Project: Mission Valley Rock

Project Number: EM25009A Project Manager: Paul McCarter Reported: 06/23/06 10:01

MW-7D T600810-01 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
	12011	SunStar La	aborato	ries, Inc.	• • • • • • • • • • • • • • • • • • • •				
Volatile Organic Compounds by I	EPA Method 8260	В							
trans-1,3-Dichloropropene	ND	0.50	ug/l	1	6061604	06/16/06	06/19/06	EPA 8260B	
Hexachlorobutadiene	ND	1.0	"	н	н	0	11	u	
Isopropylbenzene	340	50	11	50	П	Ц	06/20/06	0	
p-Isopropyltoluene	600	1.0	11	1	н	н '	06/19/06	v	
Methylene chloride	ND	1.0	11	н	н	17	11	U	
Naphthalene	7000	1.0	11	п	II	II	şı .	U	•
n-Propylbenzene	1200	50	D	50	И	П	06/20/06	tt.	
Styrene	ND	1.0	D	1	Ц	(†	06/19/06	v	
1,1,2,2-Tetrachloroethane	ND	1.0	11	ч	н	U	11	11	
1,1,1,2-Tetrachloroethane	ND	1.0	11		II .	t†	11	0	
Tetrachloroethene	ND	1.0	11	н	H	U	11	U.	
1,2,3-Trichlorobenzene	ND	1.0	16	и -	и .	U	n	U	
1,2,4-Trichlorobenzene	ND	1.0	11	п	II	U	n	0	
1,1,2-Trichloroethane	ND	1.0	10	К	И	0	11	u	
1,1,1-Trichloroethane	ND	1.0	10	It	Ц	U		U	
Trichloroethene	ND	1.0	10	и	н	If	†I	0	•
Trichlorofluoromethane	ND	1.0	10	и	н	U	# .	0	
1,2,3-Trichloropropane	ND	1.0	19	К	И	0	11	1)	
1,3,5-Trimethylbenzene	1800	50	11	50	п	п	06/20/06	17	
1,2,4-Trimethylbenzene	6200	50	10	н	п	п	11	u ·	
Vinyl chloride	ND	0.50	17	1	И	0	06/19/06	. 0	
Benzene	310	0.50	18	и	Ц	II(n	U	
Toluene	2400	0.50	11		И	Ц	n	U	
Ethylbenzene	4500	25	11	50	н	И	06/20/06	u	
m,p-Xylene	8100	50	11	н	н	н	u	" -	
o-Xylene	1700	25	"		II	ji	0	17	•
Tert-amyl methyl ether	ND	2.0	11	1	н	н	06/19/06	tt .	
Tert-butyl alcohol	ND	10	11	и	н	н	U	I†	
Di-isopropyl ether	ND	2.0	17	"	н	It	"	11	
Ethyl tert-butyl ether	ND	2.0	17		н	К	0	17	
Methyl tert-butyl ether	ND	1.0	11		н	н	0	If	
Surrogate: Toluene-d8		105 %	88.8	3-117	"	"	"	n,	
Surrogate: 4-Bromofluorobenzene	•	108 %	83.5	-119	"	"	"	n	
Surrogate: Dibromofluoromethane		113 %	81.1	-136	"	"	"	п	

SunStar Laboratories, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Project: Mission Valley Rock

701 N. Parkcenter Drive Santa Ana CA, 92705 Project Number: EM25009A Project Manager: Paul McCarter Reported: 06/23/06 10:01

MW-7S T600810-02 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Note
		SunStar La	aborato	ries, Inc.					
Purgeable Petroleum Hydrocarbo	ons by EPA 8015								
C6-C12 (GRO)	430	50	ug/l	1	6061603	06/16/06	06/16/06	EPA 8015m	
Surrogate: 4-Bromofluorobenzene		106 %	65-	135	"	"	n	<i>u</i> .	•
Extractable Petroleum Hydrocarl	bons by 8015								
Diesel Range Hydrocarbons	ND	0.050	mg/l	1	6061602	06/16/06	06/21/06	EPA 8015m	
Surrogate: Chrysene		94.8 %	75-	125	"	"	"	"	
Volatile Organic Compounds by l	EPA Method 826	0B							
Bromobenzene	ND	1.0	ug/l	1	6061604	06/16/06	06/16/06	EPA 8260B	
Bromochloromethane	ND	1.0	11	11	n	и	I†	и	
Bromodichloromethane	ND	1.0	41	11	ŧ	II.	lf	н	
Bromoform	ND	1.0	91	11	11	и	II .		
Bromomethane	ND	1.0	11	n	ti	н	n	и .	•
n-Butylbenzene	ND	1.0	17	11	11	И	0	п	
sec-Butylbenzene	ND	1.0	11	"	**	ıı	tt .	н	
tert-Butylbenzene	ND	1.0	11	п	н	IF	II.	, If	
Carbon tetrachloride	ND	0.50	D	н	н	н	U	. н	
Chlorobenzene	ND	1.0	11	"	и	II	n	n	
Chloroethane	ND	1.0	11	"	n	II .	U	t†	
Chloroform	ND	1.0	18	н	h	If .	U	U	
Chloromethane	ND	1.0	18	н	н	. н	9	tt	
2-Chlorotoluene	ND	1.0	D		. и	Iţ.	0		
4-Chlorotoluene	ND	1.0	17	"	п	и	0	er	•
Dibromochloromethane	ND	1.0	11	н	п .	III	U	H	
1,2-Dibromo-3-chloropropane	ND	1.0	11	"		и		If	
1,2-Dibromoethane (EDB)	ND	1.0	11	н	11	н	0	и .	
Dibromomethane	ND	1.0	11	н	h	н	U	tt	
1,2-Dichlorobenzene	ND	1.0	I t	ji	н	и	U	н	
1,3-Dichlorobenzene	ND	1.0	"	"	n	п	n	u	
1,4-Dichlorobenzene	ND	1.0	17	н	n	н	11	н	
Dichlorodifluoromethane	ND	0.50	18	11	ti	н	ti .	н	
1,1-Dichloroethane	ND	1.0	11	11	11	Ц	17	В	
1,2-Dichloroethane	ND	0.50	IF	н	n	II	U	н	•
1,1-Dichloroethene	ND	1.0	IF	п	11	И	11	It	
cis-1,2-Dichloroethene	ND	1.0	11	и	11	и	0	н	
trans-1,2-Dichloroethene	ND	1.0	11	И	н	R	U	If	
1,2-Dichloropropane	ND	1.0	11		и	и	O O	I+	
1,3-Dichloropropane	ND	1.0	10	It	и .	R	ų	tt .	
2,2-Dichloropropane	ND	1.0	"	ıı	II	If	0	"	
1,1-Dichloropropene	ND	1.0	11	н	н	If	U	lt.	
cis-1,3-Dichloropropene	ND	0.50	10	и	н	If	0	IT	

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Project: Mission Valley Rock

701 N. Parkcenter Drive Santa Ana CA, 92705 Project Number: EM25009A Project Manager: Paul McCarter Reported: 06/23/06 10:01

MW-7S T600810-02 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		SunStar La	aborato	ries, Inc.					
Volatile Organic Compounds by 1	EPA Method 8260)B							
trans-1,3-Dichloropropene	ND	0.50	ug/l	1	6061604	06/16/06	06/16/06	EPA 8260B	
Hexachlorobutadiene	ND	1.0	11	Ħ	ti	п	U	P	
Isopropylbenzene	ND	1.0	11	11	Ħ	н	0	R	
p-Isopropyltoluene	ND	1.0	*1	n	n	н .	U	R	
Methylene chloride	ND	1.0	**	11	†I	II .	0	lt .	,
Naphthalene	ND	1.0	91	11	ţi	R	0	If	
n-Propylbenzene	2.8	1.0	11	11	†I	Ħ	0	lt .	
Styrene	ND	1.0	51	Ħ	Ħ	Ц	0	r	
1,1,2,2-Tetrachloroethane	ND	1.0	11	11	71	и	U	н	
1,1,1,2-Tetrachloroethane	ND	1.0	11	Ħ	ħ	н	U	R	
Tetrachloroethene	ND	1.0	11	Ņ	Ħ	Je .	0	II.	
1,2,3-Trichlorobenzene	ND	1.0	11	11	я	н	U	n	
1,2,4-Trichlorobenzene	ND	1.0	17	н	N	If .	9	II.	
1,1,2-Trichloroethane	ND	1.0	10		ц	I†	11	et .	
I, I, I-Trichloroethane	ND	1.0	17	и	н	n	11	17	. ,
Trichloroethene	ND	1.0	11	н	п	tf.	n	n .	
Trichlorofluoromethane	ND	1.0	H	H .	It	0 .	п	U	
1,2,3-Trichloropropane	ND	1.0	Ħ	t†	t†	9	н	9	
1,3,5-Trimethylbenzene	5.7	1.0	*1	t†	tt.	t?	н	71	
1,2,4-Trimethylbenzene	23	1.0	ti	t†	U		и	11	
Vinyl chloride	ND	0.50	н	0	U	ţI	н	n	
Benzene	ND	0.50	н	U	U	11	R	и	
Toluene	ND	0.50	ŧ1	0	0	11	н	"	
Ethylbenzene	6.1	0.50	*1	U	U	U	и	н	
m,p-Xylene	12	1.0	"	U	U	It.	н	н -	
o-Xylene	2.5	0.50	н	U	H	P	п	11	
Tert-amyl methyl ether	ND	2.0	11	0	0	ti	И	11	
Tert-butyl alcohol	ND	10	41	"	0	11	If	И	
Di-isopropyl ether	ND	2.0	"	0	U	11	и	n n	
Ethyl tert-butyl ether	ND	2.0	**	9	0	11	17	ıı	
Methyl tert-butyl ether	ND	1.0	**	U	U	11	н	Ц	
Surrogate: Toluene-d8		99.5 %	88.8	3-117	,,,	п	n .	"	
Surrogate: 4-Bromofluorobenzene		104 %		-119	"	"	u	"	
Surrogate: Dibromofluoromethane		107 %		-136	"	"	"	"	
o , =		, ,							

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John J. List

Project: Mission Valley Rock

701 N. Parkcenter Drive Santa Ana CA, 92705 Project Number: EM25009A Project Manager: Paul McCarter Reported: 06/23/06 10:01

MW-11LF T600810-03 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method		Notes
		SunStar La	aborato	ries, Inc.						
Purgeable Petroleum Hydrocarbo										
C6-C12 (GRO)	99	50	ug/l	1	6061603	06/16/06	06/20/06	EPA 8015m		
Surrogate: 4-Bromofluorobenzene		105 %	65-	135	"	"	rt	п		
Extractable Petroleum Hydrocarb	ons by 8015									
Diesel Range Hydrocarbons	1.1	0.050	mg/l	1	6061602	06/16/06	06/21/06	EPA 8015m		
Surrogate: Chrysene		112 %	75-	125	"	"	"	"		
Volatile Organic Compounds by F	EPA Method 8260	В								
Bromobenzene	ND	1.0	ug/l	1	6061604	06/16/06	06/16/06	EPA 8260B		•
Bromochloromethane	ND	1.0	11	и	н	. 0	11	U		
Bromodichloromethane	ND	1.0	11	н	И	U	11	0		
Bromoform	ND	1.0	10	н	IP	u	п	0		
Bromomethane	ND	1.0	10	ıt	If	tı	*1	u		
n-Butylbenzene	ND	1.0	11	tt	(†	9	н	11		
sec-Butylbenzene	ND	1.0	n	tt	l†	**	и	11		
tert-Butylbenzene	ND	1.0	rı	n	n	11	и	Ħ		
Carbon tetrachloride	ND	0.50	н	U	tt.	71	: H	n		
Chlorobenzene	ND	1.0	н	0	0	n	н	Ħ		
Chloroethane	ND	1.0	*1	0	0	11	It	h	•	•
Chloroform	ND	1.0	*1	11	o o	н	19	н		
Chloromethane	ND	1.0	11	*1	*1	н	n	н		
2-Chlorotoluene	ND	1.0	11	71	n	н	U	n		
4-Chlorotoluene	ND	1.0	11	11	Ħ	IP.	0	u		
Dibromochloromethane	ND	1.0	11	11	**	II	II I	н		
1,2-Dibromo-3-chloropropane	ND	1.0	11	н	11	H	0	н		
1,2-Dibromoethane (EDB)	ND	1.0	11	11	n	Ü	U	R		
Dibromomethane	ND	1.0	11	н	n	ıı	ıı	н		
1,2-Dichlorobenzene	ND	1.0	19	11	н	И	0	lf .		
1,3-Dichlorobenzene	ND	1.0	16	ļi	71	и	U	"	·	•
1,4-Dichlorobenzene	ND	1.0	D		11	IF	U	lt .		
Dichlorodifluoromethane	ND	0.50	R	н	н	r	U	It		
1,1-Dichloroethane	ND	1.0	10	п	п	IT.	*1	ŋ		
1,2-Dichloroethane	ND	0.50	10	И	н	"	9	·		
1,1-Dichloroethene	ND	1.0		и	н	tt .	*1	tt.		
cis-1,2-Dichloroethene	ND	1.0	10	н	II.	17	11	u		
trans-1,2-Dichloroethene	ND	1.0	н	lt .	н	U	11	0		
1,2-Dichloropropane	ND	1.0	n	P	R	ij	11	0		
1,3-Dichloropropane	ND	1.0	n	tt.	P .	u	11	11	,	
2,2-Dichloropropane	ND	1.0	н	ti	17	U	11	"		•
1,1-Dichloropropene	ND	1.0	n	t†	.,	u	11	U		
cis-1,3-Dichloropropene	ND	0.50	*1	11	tt .	0	н	u		

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Project: Mission Valley Rock

701 N. Parkcenter Drive Santa Ana CA, 92705 Project Number: EM25009A Project Manager: Paul McCarter Reported: 06/23/06 10:01

MW-11LF T600810-03 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Note
		SunStar La	aborato	ries, Inc.					•
Volatile Organic Compounds by l	EPA Method 8260	В							
trans-1,3-Dichloropropene	ND	0.50	ug/l	1	6061604	06/16/06	06/16/06	EPA 8260B	
Hexachlorobutadiene	ND	1.0	н	U	0	н	If	И	
Isopropylbenzene	ND	1.0	n	0	0	ji	If	II .	
p-Isopropyltoluene	ND	1.0	*1	0	11	н .	17	и	
Methylene chloride	ND	1.0	**	0	n	н	t†	И	
Naphthalene	ND	1.0	n	0	0	. ч	I†	И	
n-Propylbenzene	ND	1.0	*1	0	0	Ц	If	И	
Styrene	ND	1.0	*1	11	11	н	11	и	•
1,1,2,2-Tetrachloroethane	ND	1.0	11	11	71	И	17	и	
1,1,1,2-Tetrachloroethane	ND	1.0	11	11	Ħ	II	0	н	
Tetrachloroethene	ND	1.0	11	н	Ħ	I†	0	If	
1,2,3-Trichlorobenzene	ND	1.0	11	* n	Ħ	l†	0	III	
1,2,4-Trichlorobenzene	ND	1.0	11	И	Ц	t†	11	11	•
1,1,2-Trichloroethane	ND	1.0	10		п	U	*1	U	
1,1,1-Trichloroethane	ND	1.0	11	н	Iŧ	ø	11	U	
Trichloroethene	ND	1.0	10	И	ц	D.	*1	tt	
Trichlorofluoromethane	ND	1.0	H	В.	н	U	11	U	
1,2,3-Trichloropropane	ND	1.0	н	tf.	"	n	н	11	. ,
1,3,5-Trimethylbenzene	ND	1.0	n	U	t?	11	Ц	11	
1,2,4-Trimethylbenzene	4.7	1.0	t1	n	0	ų	ц	11	
Vinyl chloride	ND	0.50	ŧI	0	0	н	If	11	
Benzene	ND	0.50	п	u	U	11	R	п	
Toluene	ND	0.50	"	u	U	n n	II.	н	
Ethylbenzene	ND	0.50	11	n	0	н	If	н	
m,p-Xylene	ND	1.0	*1	11	0	и	PT .	ч .	
o-Xylene	ND	0.50	11	9	U	н	P	п	
Tert-amyl methyl ether	ND	2.0	11	11	9	н	e e	и	
Tert-butyl alcohol	ND	10	11	†1	11	п	It	н	•
Di-isopropyl ether	ND	2.0	11	71	71	R	17	п	
Ethyl tert-butyl ether	ND	2.0	11	*1	11	H	0	n	
Methyl tert-butyl ether	240	1.0	10	11	н	11	0	It	
Surrogate: Toluene-d8		101 %	88.8	3-117	"	"	"	n ·	
Surrogate: 4-Bromofluorobenzene		103 %		5-119	"	"	"	n	
Surrogate: Dibromofluoromethane		113 %		-136	"	"	"	11	

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Project: Mission Valley Rock

701 N. Parkcenter Drive Santa Ana CA, 92705 Project Number: EM25009A Project Manager: Paul McCarter Reported: 06/23/06 10:01

MW-11D T600810-04 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method		Notes
		SunStar La	aborato	ries, Inc.						
Purgeable Petroleum Hydrocarbo			a a		*0 *1 *0 -	0.514.610	0.510.015			
C6-C12 (GRO)	6500	50	ug/l	1	6061603	06/16/06	06/20/06	EPA 8015m		
Surrogate: 4-Bromofluorobenzene		94.8 %	65-	135	п	n	"	"		
Extractable Petroleum Hydrocarb	ons by 8015									
Diesel Range Hydrocarbons	18	0.050	mg/l	1	6061602	06/16/06	06/21/06	EPA 8015m		
Surrogate: Chrysene		104 %	75-	125	ır	n	"	"		•
Volatile Organic Compounds by E	EPA Method 826	0B								
Bromobenzene	ND	1.0	ug/l	1	6061604	06/16/06	06/20/06	EPA 8260B	 ,	
Bromochloromethane	ND	1.0	"	11	If	11	н	v		
Bromodichloromethane	ND	1.0	19	ır	n	9	н	. 9		
Bromoform	ND	1.0	н	tt .	lt.	n	п	11		
Bromomethane	ND	1.0	н	I+	If	11	н	11		
n-Butylbenzene	ND	1.0	н	ıt	If	v	п	9		
sec-Butylbenzene	6.7	1.0	**	tt	lf .	t†	н	11		
tert-Butylbenzene	ND	1.0	**	11	If	0	н	11		
Carbon tetrachloride	ND	0.50	н	It	tt .	11	и	**		•
Chlorobenzene	ND	1.0	н		. IP	11	н	11		
Chloroethane	ND	1.0	19	P	If	Ħ	н	11		
Chloroform	ND	1.0		**	If	11		n		
Chloromethane	ND	1.0	н	tr	tt .	n	н	11		
2-Chlorotoluene	ND	1.0	н	H -		11	н	TI		
4-Chlorotoluene	ND	1.0	Ħ	If	R	u	11	0		
Dibromochloromethane	ND	1.0	14	ч	ц	0	п	u		
1,2-Dibromo-3-chloropropane	ND	1.0	19	п	п	0	*1	11		
1,2-Dibromoethane (EDB)	ND	1.0	19	н	н	U	*1	· ·		
Dibromomethane	ND	1.0	19	ц	и	t†	11	0		,
1.2-Dichlorobenzene	ND	1.0	17	п	. п	tt.	**	w		
1,3-Dichlorobenzene	ND	1.0	11	п	п	I†	11	V		
1,4-Dichlorobenzene	ND	1.0	10	н	и	17	"	(†		
Dichlorodifluoromethane	ND	0.50		II	ıı	II.	. 11	**		
1,1-Dichloroethane	ND	1.0	19	II	п	lt.	н	tr.		
1,2-Dichloroethane	ND	0.50	10	ц	н	II.	н	lt.		
l,1-Dichloroethene	ND	1.0	19	11	п	It	41			
cis-1,2-Dichloroethene	ND	1.0	t9	ıı	и	D	11	v		
rans-1,2-Dichloroethene	ND ND	1.0	н	I†	и	U	11	9		
1,2-Dichloropropane	ND	1.0	в	I7	If	0	h	u.	-	•
1,3-Dichloropropane	ND ND	1.0	ŧ	0	lf.	n	п	h		
2,2-Dichloropropane	ND ND	1.0	ti	n	11	0	н	11		
1,1-Dichloropropene	ND ND	1.0	Ħ	D	u.	0	"	9		
cis-1,3-Dichloropropene	ND ND	0.50	ti	e	n	u	Ħ	y		
trans-1,3-Dichloropropene	ND ND	0.50	н	t i	lf.	0	11	9		

SunStar Laboratories, Inc.

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Project: Mission Valley Rock

701 N. Parkcenter Drive Santa Ana CA, 92705 Project Number: EM25009A Project Manager: Paul McCarter Reported: 06/23/06 10:01

MW-11D T600810-04 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		SunStar La	iboratoi	ries, Inc.					
Volatile Organic Compounds by EF	A Method 8260)B							
Hexachlorobutadiene	ND	1.0	ug/l	1	6061604	06/16/06	06/20/06	EPA 8260B	
Isopropylbenzene	5.4	1.0		I+	D	u u	И	н	
p-Isopropyltoluene	7.0	1.0	11	"	**	U	· и	H	
Methylene chloride	ND	1.0	t+	11	**	n .	ıı	n	
Naphthalene	72	1.0	11	If	Iţ	. 0	И	fl	
n-Propylbenzene	12	1.0	18	Ħ	P	17	и	†I	
Styrene	ND	1.0	H	II	R	Ħ	и	Ħ	
1,1,2,2-Tetrachloroethane	ND	1.0	H	ıt	If	11	II .	11	,
1,1,1,2-Tetrachloroethane	ND	1.0	14	н	11	n	и	**	
Tetrachloroethene	ND	1.0	н	If	t†	t1	н	11	
1,2,3-Trichlorobenzene	ND	1.0	н	IP	17	11	п	ti.	
1,2,4-Trichlorobenzene	ND	1.0	Ħ	t t	n	11	II .	11	
1,1,2-Trichloroethane	ND	1.0	n	11	lf .	0	11	a a	
1,1,1-Trichloroethane	ND	1.0	н	1*	I†	11	н	11	
Trichloroethene	ND	1.0	н	It.	IŢ	tt	н	*1	
Trichlorofluoromethane	ND	1.0	н	tt	tf	11	и	Ħ	
1,2,3-Trichloropropane	ND	1.0	ri .	ıt	17	н .	ii	#	
1,3,5-Trimethylbenzene	21	1.0	н	17	lt.	0	н	11	,
1,2,4-Trimethylbenzene	95	1.0	н	I†	l?	tt.	н	*1	
Vinyl chloride	ND	0.50	11	11	l†	tt	и	. 11	
Benzene	12	0.50		н	" R	R	я	0	
Toluene	4.4	0.50	Ħ	11	II.	R	п	0	
Ethylbenzene	11	0.50	11	If	н	H	п	0	
m,p-Xylene	11	1.0	11	н	п	н	11	0	
o-Xylene	11	0.50	"	п	II .	ш	11	0	
Tert-amyl methyl ether	ND	2.0	11	н	п	U	11	U	
Tert-butyl alcohol	ND	10	11	н	Ц	0	п	U	
Di-isopropyl ether	ND	2.0	10	ıı	Д	tt.	n	tr	,
Ethyl tert-butyl ether	ND	2.0	11	11	II .	11	11	tr	
Methyl tert-butyl ether	26	1.0	U	И	н	п		tt	
Surrogate: Toluene-d8		104 %	88.8	-117	"	н	n	tt .	•
Surrogate: 4-Bromofluorobenzene		99.2 %	83.5	-119	"	# ·	"	II .	
Surrogate: Dibromofluoromethane		113 %	81.1	-136	"	"	"	n	

SunStar Laboratories, Inc.

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Project: Mission Valley Rock

701 N. Parkcenter Drive Santa Ana CA, 92705 Project Number: EM25009A Project Manager: Paul McCarter Reported: 06/23/06 10:01

MW-11S T600810-05 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method		Note
		SunStar La	aborato	ries, Inc.						
Purgeable Petroleum Hydrocarbo	ons by EPA 80151									
C6-C12 (GRO)	730	50	ug/l	1	6061603	06/16/06	06/21/06	EPA 8015m		
Surrogate: 4-Bromofluorobenzene		99.2 %	65-	135	"	n	"	"		
Extractable Petroleum Hydrocar	bons by 8015									
Diesel Range Hydrocarbons	ND	0.050	mg/l	1	6061602	06/16/06	06/21/06	EPA 8015m		-
Surrogate: Chrysene		101 %	75-	125	"	"	"	"		
Volatile Organic Compounds by I	EPA Method 826	0B								
Bromobenzene	ND	1.0	ug/l	1	6061604	06/16/06	06/16/06	EPA 8260B		
Bromochloromethane	ND	1.0	"	11	11	"	11	0	٠	
Bromodichloromethane	ND	1.0	16	и	ıt	U	11	O.		
Bromoform	ND	1.0	10	И	И	0	#	U		
Bromomethane	ND	1.0	н	If	If	0	n	ņ		
n-Butylbenzene	ND	1.0	17	III	If	9	n	11		
sec-Butylbenzene	ND	1.0	11	и	н	v	п	0		
tert-Butylbenzene	ND	1.0	t!	u	И	v	n	U		
Carbon tetrachloride	ND	0.50	19	If	H	9	h	11		
Chlorobenzene	ND	1.0	н	if .	n	y	н	11		
Chloroethane	ND	1.0		lf .	"	9	п	**		
Chloroform	ND	1.0	н	P P	н	11	Ħ	11	•	•
Chloromethane	ND	1.0	19	It.	If	u	н	u		
2-Chlorotoluene	ND	1.0	11	If	н	U	. 4	. 0 .		
4-Chlorotoluene	ND	1.0	11	п	Ц	0	11	U		
Dibromochloromethane	ND	1.0	11	и	и	U	11	U		
1,2-Dibromo-3-chloropropane	ND	1.0	11	и	и	ų	11	0		
1,2-Dibromoethane (EDB)	ND	1.0	10	и	и	11	11	0		
Dibromomethane	ND	1.0	18	н	н	t†	Ħ	e		
1,2-Dichlorobenzene	ND	1.0	11		н	it.	U	It		
1,3-Dichlorobenzene	ND	1.0	11	II	ji	l†	9	tr		
1,4-Dichlorobenzene	ND	1.0	10	н	н	i+	U	**	•	•
Dichlorodifluoromethane	ND	0.50	16	н	н	ır	U	tt		
1,1-Dichloroethane	ND	1.0	11	ıı .	И	If	0	lt .		
1,2-Dichloroethane	ND	0.50	18	II	п	If	0	n		
1,1-Dichloroethene	ND	1.0	10	н	п	r	u	#		
cis-1,2-Dichloroethene	ND	1.0		и	н	it .	"	I†		
trans-1,2-Dichloroethene	ND	1.0	11	II	II	l !	9	n		
1,2-Dichloropropane	ND	1.0	19	If	II	n	n	n		
1,3-Dichloropropane	ND	1.0	н	14	и	II	ų	tt .		
2,2-Dichloropropane	ND	1.0	ti.	It	п	l†	0	"		
1,1-Dichloropropene	ND	1.0	H	и	ıt	17	u	u		•
cis-1,3-Dichloropropene	ND	0.50	19	и	п	lt.	9	**		

SunStar Laboratories, Inc.

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701 N. Parkcenter Drive Santa Ana CA, 92705 Project: Mission Valley Rock

Project Number: EM25009A Project Manager: Paul McCarter Reported: 06/23/06 10:01

MW-11S T600810-05 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		SunStar La	borato	ries, Inc.					
Volatile Organic Compounds by E	PA Method 8260	В							
trans-1,3-Dichloropropene	ND	0.50	ug/l	1	6061604	06/16/06	06/16/06	EPA 8260B	
Hexachlorobutadiene	ND	1.0) t	II	II	U	И	0	
Isopropylbenzene	ND	1.0	11	"	n	u	11	U	
p-Isopropyltoluene	ND	1.0	18	И	H	0 '	11	U.	
Methylene chloride	ND	1.0	11	n n	n	II)	11	U	
Naphthalene	ND	1.0	IP.	и	H	II.	ti	n	
n-Propylbenzene	ND	1.0	17	11	п	lt .	0	P .	
Styrene	ND	1.0	11*	11	"	I†	9	"	
1,1,2,2-Tetrachloroethane	ND	1.0	ır	"		"	11	"	
1,1,1,2-Tetrachloroethane	ND	1.0	It	11	н	· H	*1	"	
Tetrachloroethene	ND	1.0	R	н	н	i t	U	I†	
1,2,3-Trichlorobenzene	ND	1.0	n	и	н	tt.	n		
1,2,4-Trichlorobenzene	ND	1.0	11	n	II .	11	11	u	
1,1,2-Trichloroethane	ND	1.0	11	н	н	U	*1	υ .	
1,1,1-Trichloroethane	ND	1.0	11	II .	И.	tr	*1	ti.	
Trichloroethene	ND	1.0	It	и	н	II.	а	e	
Trichlorofluoromethane	ND	1.0	10	И	н	tf	U		
1,2,3-Trichloropropane	ND	1.0	10	ıı	П	P	11	U	
1,3,5-Trimethylbenzene	ND	1.0	"	ıı	н	U	11	0	
1,2,4-Trimethylbenzene	ND	1.0		п	н	n,	†I	0 .	,
Vinyl chloride	ND	0.50	10	н	н	II .	n	e	
Benzene	ND	0.50	IP.	И	н	n	u	I+	
Toluene	ND	0.50	11	п	"	I+	9	n	
Ethylbenzene	ND	0.50	It	п	п	It	U	lt .	
m,p-Xylene	ND	1.0	11	И	н	"	u		
o-Xylene	ND	0.50	11	п	n	н	0	п	
Tert-amyl methyl ether	ND	2.0	11*	11	11	II	U	lt.	
Tert-butyl alcohol	ND	10	D	н	*1	II	U	14	
Di-isopropyl ether	ND	2.0	17	11	†1	И	**	P	
Ethyl tert-butyl ether	ND	2.0	D	н	11	н	0	и .	
Methyl tert-butyl ether	ND	1.0	17	п	п	и	n	н	
Surrogate: Toluene-d8		102 %	88.8	-117	n	"	ıı .	"	
Surrogate: 4-Bromofluorobenzene		107 %		-119	"	"	"	"	
Surrogate: Dibromofluoromethane		112%		-136	"	#	"	n	

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Tait Environmental 701 N. Parkcenter Drive Santa Ana CA, 92705 Project: Mission Valley Rock

Project Number: EM25009A Project Manager: Paul McCarter

Reported: 06/23/06 10:01

MW-9S T600810-06 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Note:
- .		SunStar La	aborato	ries, Inc.					
Purgeable Petroleum Hydrocarbo	ons by EPA 80151	m							
C6-C12 (GRO)	330	50	ug/l	1	6061603	06/16/06	06/21/06	EPA 8015m	
Surrogate: 4-Bromofluorobenzene		87.6 %	65-	135	n	rr .	n	п	
Extractable Petroleum Hydrocarl	ons by 8015								
Diesel Range Hydrocarbons	ND	0.050	mg/l	1	6061602	06/16/06	06/22/06	EPA 8015m	
Surrogate: Chrysene		107 %	75-	125	n	"	"	rr .	
Volatile Organic Compounds by I	EPA Method 826	0B							
Bromobenzene	ND	1.0	ug/l	1	6061604	06/16/06	06/16/06	EPA 8260B	
Bromochloromethane	ND	1.0	н	u	0	h	11	11	
Bromodichloromethane	ND	1.0	Ħ	17	u .	ti	it	11	
Bromoform	ND	1.0	**	o	D.	ţī	н	ti .	
Bromomethane	ND	1.0	н	tr	tt .	11		n	
n-Butylbenzene	ND	1.0	н	19	It	11	н	11	
sec-Butylbenzene	ND	1.0	19	10	17	*1	ш	71	
tert-Butylbenzene	ND	1.0	t†	I†	It	11	н	n	
Carbon tetrachloride	ND	0.50	11	н	И	9	11	ti	
Chlorobenzene	ND	1.0	11	IP	н	U	n	U	
Chloroethane	ND	1.0	11	н	п	u	11	0	
Chloroform	ND	1.0	10	n	И	0	11	0	
Chloromethane	ND	1.0	17	И	н	U	#1	0	
2-Chlorotoluene	ND	1.0	IF		н	tt.		t+	•
4-Chlorotoluene	ND	1.0	D	н	п	11	11	tt	
Dibromochloromethane	ND	1.0	17	ji	N	11	U	tt .	
1,2-Dibromo-3-chloropropane	ND	1.0	18	и	. п	. It	0	11	
1,2-Dibromoethane (EDB)	ND	1.0	11	11	11	и	lt*	" -	
Dibromomethane	ND	1.0	11	Ħ	n	н	It	н	
1,2-Dichlorobenzene	ND	1.0	11	п	ti	: н	IF	и .	
1,3-Dichlorobenzene	ND	1.0	11	п	U	н	И	u	
1,4-Dichlorobenzene	ND	1.0	11	n	U	71	И	n	
Dichlorodifluoromethane	ND	0.50	11	ti	U	н	II	н	
1,1-Dichloroethane	ND	1.0	11	IJ	0	Ħ	Ц	h	•
1,2-Dichloroethane	ND	0.50	91	U	. 0	71	II	h	
1,1-Dichloroethene	ND	1.0	11	11	U	†I	II	. 11	
cis-1,2-Dichloroethene	ND	1.0	11	11	U	11	И	11	
trans-1,2-Dichloroethene	ND	1.0	11	11	0	Ħ	II	H	
1,2-Dichloropropane	ND	1.0	11	tı	U	н	и	н	
1,3-Dichloropropane	ND	1.0	11	11	U	11	И	"	
2,2-Dichloropropane	ND	1.0	11	11	u	H	И	н	
1,1-Dichloropropene	ND	1.0	*1	u	0	ti		11	
cis-1,3-Dichloropropene	ND	0.50	*1	0	U	†I	h	11	

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John J. Styl-

701 N. Parkcenter Drive Santa Ana CA, 92705 Project: Mission Valley Rock

Project Number: EM25009A Project Manager: Paul McCarter Reported: 06/23/06 10:01

MW-9S T600810-06 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
1		SunStar La							
Volatile Organic Compounds by I				,					
trans-1,3-Dichloropropene	ND	0.50	ug/l	1	6061604	06/16/06	06/16/06	EPA 8260B	
Hexachlorobutadiene	ND	1.0	H	tr	0	н	И	11 -	
Isopropylbenzene	ND	1.0	11	11	n	71	и	n	
p-Isopropyltoluene	ND	1.0	н	n	17			**	
Methylene chloride	ND	1.0	19	tt	t†	Ħ	и	n	
Naphthalene	ND	1.0	ti .	lt .	tt .	Ħ	И	tı	
n-Propylbenzene	1.9	1.0	н	lt	tt.	n	н	11	
Styrene	ND	1.0	н	tt	0	Ħ	. "	п	
1,1,2,2-Tetrachloroethane	ND	1.0	н	"	tt.	11	И	"	
1,1,1,2-Tetrachloroethane	ND	1.0	H	II.	U	11	п	11	
Tetrachloroethene	ND	1.0	Ħ	0	U	11	и	и	
1,2,3-Trichlorobenzene	ND	1.0	н	0	0	Ħ	It	п -	
1,2,4-Trichlorobenzene	ND	1.0	н	U	0	н	11	и .	
1,1,2-Trichloroethane	ND	1.0	•	U	U	п	I†	и	
1,1,1-Trichloroethane	ND	1.0	tt	0	0	н	17	п	
Trichloroethene	ND	1.0	н	9	0	н	t t	п	
Trichlorofluoromethane	ND	1.0	11	0	U	п	н	и	
1,2,3-Trichloropropane	ND	1.0	U	U	0	н	If	п	
1,3,5-Trimethylbenzene	ND	1.0	41	v	0	н	If	п	
1,2,4-Trimethylbenzene	ND	1.0	Ħ	U	u.	н	If	н	
Vinyl chloride	ND	0.50	Ð	0	U	н	IF	и	
Benzene	ND	0.50	Ħ	0	0	н	IF	и .	•
Toluene	ND	0.50	41	0	0	H	п	п	
Ethylbenzene	3.0	0.50	**	II.	0	0	И	n	
m,p-Xylene	ND	1.0	ŧ	U	U.	11	п	n -	
o-Xylene	ND	0.50	Ħ	u	tt.	†I	И	71	
Tert-amyl methyl ether	ND	2.0	н	o	D.	n	II .	11	
Tert-butyl alcohol	ND	10	Ħ	ŧŧ	t†	11	п	11	
Di-isopropyl ether	ND	2.0	н	17	l†	n	Ħ	11	
Ethyl tert-butyl ether	ND	2.0		U	It	11	н	n	
Methyl tert-butyl ether	ND	1.0	0	U	11	fl	н	п	
Surrogate: Toluene-d8		102 %	88.8	-117	n	n	"	"	•
Surrogate: 4-Bromofluorobenzene		105 %	83.5	-119	n	n	"	"	
Surrogate: Dibromofluoromethane		110 %		-136	n	n	n	"	
- •									

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Project: Mission Valley Rock

701 N. Parkcenter Drive Santa Ana CA, 92705 Project Number: EM25009A Project Manager: Paul McCarter Reported: 06/23/06 10:01

MW-9D T600810-07 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	N	lote:
		SunStar La	aborato	ies, Inc.						
Purgeable Petroleum Hydrocarbo	ons by EPA 80151									
C6-C12 (GRO)	76000	500	ug/l	10	6061603	06/16/06	06/20/06	EPA 8015m		
Surrogate: 4-Bromofluorobenzene		100 %	65-	135	"	n .	"	"	٠,	,
Extractable Petroleum Hydrocarl	bons by 8015									
Diesel Range Hydrocarbons	ND	0.050	mg/l	1	6061602	06/16/06	06/22/06	EPA 8015m		
Surrogate: Chrysene		98.2 %	75-	125	"	"	"	11		
Volatile Organic Compounds by l	EPA Method 826	0B								
Bromobenzene	ND	1.0	ug/l	1	6061604	06/16/06	06/19/06	EPA 8260B		
Bromochloromethane	ND	1.0	11	И	н	t)	11	U		
Bromodichloromethane	ND	1.0	IP.	ц	н	0	tı	w		
Bromoform	ND	1.0	IF.	н	п	U	ți.	9		
Bromomethane	ND	1.0	10	и	В	u	11	9		
n-Butylbenzene	ND	1.0	16	ц	К	0	11	U		
sec-Butylbenzene	11	1.0	17	It.	н	н	н	0		
tert-Butylbenzene	ND	1.0	17	н	н	u	11	0		
Carbon tetrachloride	ND	0.50	10	Ц	н	0	н	a		
Chlorobenzene	ND	1.0	D	п	н	U	Ħ	0		
Chloroethane	ND	1.0	11	н	и	U	п	0		
Chloroform	ND	1.0	10	11	н	0	11	v		
Chloromethane	ND	1.0	16	И	ıt ·	0	п .	U		
2-Chlorotoluene	ND	1.0	19	. и	: н	er ·	п	U		
4-Chlorotoluene	ND	1.0	17	II	Ц	l†	n	, u	٠,	,
Dibromochloromethane	ND	1.0	11	и	п	11	u	"		
1,2-Dibromo-3-chloropropane	ND	1.0	l#	н	H	It	U	tt .		
1,2-Dibromoethane (EDB)	ND	1.0	l#	II	н	If	0	н _		
Dibromomethane	ND	1.0	11	п	н	It	0	It		
1,2-Dichlorobenzene	ND	1.0	11	И	п	и	U	It.		
1,3-Dichlorobenzene	ND	1.0	l#	11	11	н	U	н		
1,4-Dichlorobenzene	ND	1.0	D	11	*1	н	U	н		
Dichlorodifluoromethane	ND	0.50	11	н	11	и	0	н		
1,1-Dichloroethane	ND	1.0	It	11	и	н	0	It.		
1,2-Dichloroethane	ND	0.50	10	H	п	11	ų	rr	٠,	
1,1-Dichloroethene	ND	1.0	17	и	н	n	"	tt		
cis-1,2-Dichloroethene	ND	1.0	11	и	н	l†	0	If		
trans-1,2-Dichloroethene	ND	1.0	10	и	п	It	11	17		
1,2-Dichloropropane	ND	1.0	19	И	н	tr.	11	0		
1,3-Dichloropropane	ND	1.0	tt	n	If	0	tı	u		
2,2-Dichloropropane	ND	1.0	н	If	u.	11	11	1)		
1,1-Dichloropropene	ND	1.0	11	н	и	11	11	u		
cis-1,3-Dichloropropene	ND	0.50	11	н	II .	IŤ	9	tr.		

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701 N. Parkcenter Drive Santa Ana CA, 92705 Project: Mission Valley Rock

Project Number: EM25009A Project Manager: Paul McCarter

Reported: 06/23/06 10:01

MW-9D T600810-07 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
	·· —————	SunStar La	aborato	ries, Inc.					
Volatile Organic Compounds by	EPA Method 8260)B							
trans-1,3-Dichloropropene	ND	0.50	ug/l	1	6061604	06/16/06	06/19/06	EPA 8260B	
Hexachlorobutadiene	ND	1.0	11	11	н	I†	0	н	•
Isopropylbenzene	95	1.0	11	11	11	11	0	и	
p-Isopropyltoluene	6.4	1.0	11	11	*1	н .	0	п	
Methylene chloride	ND	1.0	11	ti	11	н	U	и	
Naphthalene	550	1.0	11	ti	n	п	It	н	
n-Propylbenzene	240	1.0	11	9	11	11	It	и	
Styrene	ND	1.0	-11	9	**	н	It.	н	
1,1,2,2-Tetrachloroethane	ND	1.0	*11	U	11	н	If	п	
1,1,1,2-Tetrachloroethane	ND	1.0	**	0	*1	н	I†	н	
Tetrachloroethene	ND	1.0	•1	9	0	п	ır	н	
1,2,3-Trichlorobenzene	ND	1.0	**	U	0	н	lt.	и .	•
1,2,4-Trichlorobenzene	ND	1.0	11	Ħ	v	п	lt .	и	
1,1,2-Trichloroethane	ND	1.0	11	0	0	п	I†	н	
1,1,1-Trichloroethane	ND	1.0	Ħ	0	0	11	и	н	
Trichloroethene	ND	1.0	н	u	0	n	и	н .	
Trichlorofluoromethane	ND	1.0	н	Đ	tr.	11	и ,	. н	
1,2,3-Trichloropropane	ND	1.0	M	II.	17	11	и	*1	
1,3,5-Trimethylbenzene	420	1.0	n	tt	t†	t†		11	
1,2,4-Trimethylbenzene	2300	10	n	10	If	lt .	06/20/06	π .	
Vinyl chloride	ND	0.50	rı	1	If	0	06/19/06	u.	
Benzene	3200	5.0	H	10	Iŧ	ıt	я		•
Toluene	13000	50	17	100	И	н	11	O.	
Ethylbenzene	2700	5.0	19	10	н	и	06/20/06	e	
m,p-Xylene	6500	100	11	100	n n	н	06/20/06	"	
o-Xylene	2700	5.0	11	10	п	н	06/20/06	n	
Tert-amyl methyl ether	ND	2.0	11	1	Ħ	ıt	06/19/06	н	
Tert-butyl alcohol	ND	10	10	"	71	н	0	н	
Di-isopropyl ether	ND	2.0	n	И	n	If	0	R	
Ethyl tert-butyl ether	ND	2.0	D	и	п	н	U	н	
Methyl tert-butyl ether	ND	1.0	11	п	n	и	u	н	
Surrogate: Toluene-d8		103 %	88.8	-117	и	"	n	<i>n</i>	,
Surrogate: 4-Bromofluorobenzene		99.2 %	83.5		"	"	"	n	
Surrogate: Dibromofluoromethane		102 %		-136	"	"	"	n	

SunStar Laboratories, Inc.

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Tait Environmental 701 N. Parkcenter Drive Santa Ana CA, 92705 Project: Mission Valley Rock

Project Number: EM25009A Project Manager: Paul McCarter

Reported: 06/23/06 10:01

MW-9LF T600810-08 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Note
		SunStar La	aboratoi	ies, Inc.					
Purgeable Petroleum Hydrocarbo	ons by EPA 80151	n .							
C6-C12 (GRO)	1800	50	ug/l	1	6061603	06/16/06	06/20/06	EPA 8015m	
Surrogate: 4-Bromofluorobenzene		95.8 %	65-	135	"	"	н	. #	
Extractable Petroleum Hydrocarl	ons by 8015								
Diesel Range Hydrocarbons	ND	0.050	mg/l	1	6061602	06/16/06	06/22/06	EPA 8015m	**
Surrogate: Chrysene		106 %	75-	125	n	n	"	" .	
Volatile Organic Compounds by I	EPA Method 8260	0B							
Bromobenzene	ND	1.0	ug/l	1	6061604	06/16/06	06/19/06	EPA 8260B	****
Bromochloromethane	ND	1.0	"	п		0	71	0 .	
Bromodichloromethane	ND	1.0	11 .	н	н	I†	0	19	
Bromoform	ND	1.0	11	н	n	It	0	B	
Bromomethane	ND	1.0	11	11	*1	It.	0	IT	
n-Butylbenzene	ND	1.0	91	11	†I	н	U	н	
sec-Butylbenzene	2.6	1.0	*1	0	u	0	11	п	
tert-Butylbenzene	ND	1.0	*1	0	U	11	и	н	
Carbon tetrachloride	ND	0.50	n	0	u	†I	н	н .	•
Chlorobenzene	ND	1.0	н	lt.	lt .	11	н	. 11	
Chloroethane	ND	1.0	н	r	н	U	11	u .	
Chloroform	ND	1.0	rı	R	н	U	11	U	
Chloromethane	ND	1.0	**	R	И	u u	9	t†	
2-Chlorotoluene	ND	1.0	10	н	н	ır ·	9	I I	
4-Chlorotoluene	ND	1.0	19	ıı .	н	II.	0	H	
Dibromochloromethane	ND	1.0	11	п	н	If .	u	r	
1,2-Dibromo-3-chloropropane	ND	1.0	10	н	11	11	U	Ir	
1,2-Dibromoethane (EDB)	ND	1.0	D	н	н .	н	0	и .	
Dibromomethane	ND	1.0	11	11	11	и	n	н .	
1,2-Dichlorobenzene	ND	1.0	11	ti	*11	И	I+	и	
1,3-Dichlorobenzene	.ND	1.0	11	**		н	· · · · · · · · · · · · · · · · · · ·	и .	
1.4-Dichlorobenzene	ND	1.0	11	**	0	п	It .	п	
Dichlorodifluoromethane	ND	0.50	*1	u	er.	h	н	h	
1,1-Dichloroethane	ND	1.0	ti	u	D.	ħ	п	п	
1,2-Dichloroethane	ND	0.50	er e	0	u	†I	и	11	
1,1-Dichloroethene	ND	1.0	e	11	II .	11		11	
cis-1,2-Dichloroethene	ND	1.0	н	17	ır	0	и	n	
trans-1,2-Dichloroethene	ND	1.0	Ħ	I†	и	u	н	(I	
1,2-Dichloropropane	ND	1.0	H	R	Iţ.	0	11		
1,3-Dichloropropane	ND	1.0	Ħ	It	п	u	п	U	
2,2-Dichloropropane	ND	1.0	10	п	и	"	11	tr **	
1,1-Dichloropropene	ND	1.0	17	н	и	n	0	it.	
cis-1,3-Dichloropropene	ND	0.50	10	"	11	н	n	R	

SunStar Laboratories, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Project: Mission Valley Rock

701 N. Parkcenter Drive Santa Ana CA, 92705 Project Number: EM25009A Project Manager: Paul McCarter Reported: 06/23/06 10:01

MW-9LF T600810-08 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		SunStar La	borato	ies, Inc.		·	·		-
Volatile Organic Compounds by E				-					-
trans-1,3-Dichloropropene	ND	0.50	ug/l	1	6061604	06/16/06	06/19/06	EPA 8260B	
Hexachlorobutadiene	ND	1.0	н	I†	ų	н	ıt	п	
Isopropylbenzene	6.5	1.0	fŧ	H	t†	U	и	n	
p-Isopropyltoluene	1.7	1.0	**	11	11			†I	
Methylene chloride	ND	1.0	10	И	If	ti	И	11	
Naphthalene	12	1.0	11	И	И	н	н	9	•
n-Propylbenzene	14	1.0	IP.	И	1(It	11	0	,
Styrene	ND	1.0	11	И	1(U	11	0	
1,1,2,2-Tetrachloroethane	ND	1.0	19	н	н	tt.	11	0	
1,1,1,2-Tetrachloroethane	ND	1.0	11	н	H	11	11	O O	
Tetrachloroethene	ND	1.0	11	11	μ	lt .	ŧI	tt	•
1,2,3-Trichlorobenzene	ND	1.0	11	11	н	If	9	H ·	
1,2,4-Trichlorobenzene	ND	1.0	11	11	n	н	0 .	11	
1,1,2-Trichloroethane	ND	1.0	11	11	ti	п	U	н	
1,1,1-Trichloroethane	ND	1.0	11	11	11	н	U	н	
Trichloroethene	ND	1.0	"	u	0	н	If .	n	•
Trichlorofluoromethane	ND	1.0	**	U	u u	11	11	n	
1,2,3-Trichloropropane	ND	1.0	*1	0	U	11	н	n	
1,3,5-Trimethylbenzene	14	1.0	"	U	0	0	н	н	
1,2,4-Trimethylbenzene	41	1.0	"	0	0	U	ц	Ħ	
Vinyl chloride	ND	0.50	0	0	U	11	ц	Ħ	
Benzene	13	0.50	11	0	0	U	II .	n	
Toluene	17	0.50	н	0	U	II*	И	71	
Ethylbenzene	30	0.50	tt	0	17	n	И	"	
m,p-Xylene	29	1.0	n	11	l†	tt .	и	н -	
o-Xylene	7.0	0.50	n	t†	If .	19	И	*1	•
Tert-amyl methyl ether	ND	2.0	Ħ	H	tt .	n	и	†I	
Tert-butyl alcohol	ND	10	. н	If	11	u	н	11	
Di-isopropyl ether	ND	2.0	#		н	. 10	п	0	
Ethyl tert-butyl ether	ND	2.0	11	п	п	v	**	v	
Methyl tert-butyl ether	ND	1.0	11	ц	н	u	†I	U	
Surrogate: Toluene-d8		104 %	88.8	-117	"	"	"	п	
Surrogate: 4-Bromofluorobenzene		109 %	83.5		"	"	"	11	
Surrogate: Dibromofluoromethane		102 %	81.1		"	"	"	n	

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701 N. Parkcenter Drive Santa Ana CA, 92705 Project: Mission Valley Rock

Project Number: EM25009A Project Manager: Paul McCarter Reported: 06/23/06 10:01

MW-6D T600810-09 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method		Note
		SunStar La	aboratoi	ies, Inc.						
Purgeable Petroleum Hydrocarbo										
C6-C12 (GRO)	130	50	ug/l	1	6061603	06/16/06	06/20/06	EPA 8015m		
Surrogate: 4-Bromofluorobenzene		93.2 %	65-	135	"	"	"	н		
Extractable Petroleum Hydrocarl	bons by 8015									
Diesel Range Hydrocarbons	.ND	0.050	mg/l	1	6061602	06/16/06	06/22/06	EPA 8015m		
Surrogate: Chrysene		105 %	75-	125	#	"	"	"	,	
Volatile Organic Compounds by 1	EPA Method 8260	В								•
Bromobenzene	ND	1.0	ug/l	1	6061604	06/16/06	06/19/06	EPA 8260B		
Bromochloromethane	ND	1.0	"	r r	11	†1	н	11		
Bromodichloromethane	ND	1.0	IF.	ıt ·	If	11	н	tı		
Bromoform	ND	1.0	11	и	H	9	н	n		
Bromomethane	ND	1.0	11	It	It	9	п	9		
n-Butylbenzene	ND	1.0	10	ıı	IF	9	11	u		
sec-Butylbenzene	ND	1.0	10	И	H	U	*1	0		
tert-Butylbenzene	ND	1.0	Iŧ	ı	Д	tt .	11	I†		
Carbon tetrachloride	ND	0.50	11	ıı	п	lt .	9	ŧŧ		,
Chlorobenzene	ND	1.0	It	н	- н	II .	9	IT		
Chloroethane	ND	1.0	It	и	н	II.		tt .		
Chloroform	ND	1.0	11	н	И	11		If		
Chloromethane	ND	1.0	11	и	Ħ	IT	9	If		
2-Chlorotoluene	ND	1.0	17	и	н	lf.	U	If		
4-Chlorotoluene	ND	1.0	Iŧ	п	n	If	0	n		
Dibromochloromethane	ND	1.0	10	н	n	n		н		
1,2-Dibromo-3-chloropropane	ND	1.0	17	п	н	#	U	tr		
1,2-Dibromoethane (EDB)	ND	1.0	1t	"	11	н	0	н ,		
Dibromomethane	ND	1.0	18	11	ti	н	0	It	•	
1,2-Dichlorobenzene	ND	1.0	17	11	11	и	u u	If		
1,3-Dichlorobenzene	ND	1.0	11	"	n	ч	0	"		
1,4-Dichlorobenzene	ND	1.0	11	11	Ħ	и	17			
Dichlorodifluoromethane	ND	0.50	11	11	0	H	R	ц		
1,1-Dichloroethane	ND	1.0	11	71	u	И	tt	п		
1,2-Dichloroethane	ND	0.50	11	11	†I	н	tT .	п		
1,1-Dichloroethene	ND	1.0	11	11	11		l†	п		
cis-1,2-Dichloroethene	ND	1.0	11	11	0	н	l†	н		
rans-1,2-Dichloroethene	ND	1.0	11	11	ŧi	И	IT	н		
1,2-Dichloropropane	ND	1.0	11	п	0	п	I†	п	•	
1,3-Dichloropropane	ND	1.0	11	11	0	h	If	н		
2,2-Dichloropropane	ND	1.0	11	9	U	н	И	"		
1,1-Dichloropropene	ND	1.0	*1	U	tt .	11	н	11		
cis-1,3-Dichloropropene	ND	0.50	*1	ø	ti ti	11	ш	11		

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701 N. Parkcenter Drive Santa Ana CA, 92705 Project: Mission Valley Rock

Project Number: EM25009A Project Manager: Paul McCarter Reported: 06/23/06 10:01

MW-6D T600810-09 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		SunStar La	aborato	ries, Inc.			-		
Volatile Organic Compounds by	EPA Method 8260	В							
trans-1,3-Dichloropropene	ND	0.50	ug/l	1	6061604	06/16/06	06/19/06	EPA 8260B	
Hexachlorobutadiene	ND	1.0	11	И	И	11	Ħ	tr	
Isopropylbenzene	ND	1.0	11	11	н	11	11		•
p-Isopropyltoluene	ND	1.0	11	11	#1		U	11	
Methylene chloride	ND	1.0	11	11	11	H	0	н	
Naphthalene	ND	1.0	11	9	7)	И	It	н	
n-Propylbenzene	ND	1.0	Ħ	0	U	п	It	и	
Styrene	ND	1.0	11	U	0	H	19	И	
1,1,2,2-Tetrachloroethane	ND	1.0	"	U	0	н	и	п	
1,1,1,2-Tetrachloroethane	ND	1.0	Ħ	U	U	Ħ	ıı	n .	
Tetrachloroethene	ND	1.0	H	U	D	11	И	11	
1,2,3-Trichlorobenzene	ND	1.0	н	U	U	11	н	'n	
1,2,4-Trichlorobenzene	ND	1.0	н	0	U	11	н	**	•
1,1,2-Trichloroethane	ND	1.0	11	U	0	п .	II	ti	
1,1,1-Trichloroethane	ND	1.0	н	ıı	U	n	и	ti	
Trichloroethene	ND	1.0	n	If	19	ti	н	11	
Trichlorofluoromethane	ND	1.0	n	I†	#	U	п	11	
1,2,3-Trichloropropane	ND	1.0	н	17	17	†I	н	11	
1,3,5-Trimethylbenzene	ND	1.0	n	O	17	11	ıı	TI .	
1,2,4-Trimethylbenzene	2.3	1.0	н	lt.	If	17	н	tı	
Vinyl chloride	ND	0.50	10	И	II	U	11	U	
Benzene	ND	0.50	H	IP.	И	0	11	0	
Toluene	3.0	0.50	11	и	Ц	If .	п .	u .	•
Ethylbenzene	1.1	0.50	10	ц	И	н	11	0	
m,p-Xylene	2.6	1.0	17	и	И	II	†I	e .	
o-Xylene	ND	0.50	l#	И	h	IT	IJ	r	
Tert-amyl methyl ether	ND	2.0	D	II	н	lt .	ti	l t	
Tert-butyl alcohol	ND	10	17	н	n	Н	9	P	
Di-isopropyl ether	ND	2.0	11	н	11	II	0	ır	
Ethyl tert-butyl ether	ND	2.0	11	n	ti	н	U	If	
Methyl tert-butyl ether	69	1.0	1f	11	τι	†I	0	н	
Surrogate: Toluene-d8		103 %	88.8	-117	"	n	11	"	
Surrogate: 4-Bromofluorobenzene		107 %	83.5		"	"	"	"	•
Surrogate: Dibromofluoromethane		104 %		-136	"	rt	n	#	

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701 N. Parkcenter Drive Santa Ana CA, 92705 Project: Mission Valley Rock

Project Number: EM25009A Project Manager: Paul McCarter Reported: 06/23/06 10:01

MW-6S T600810-10 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Note
		SunStar La	aborato	ries, Inc.					
Purgeable Petroleum Hydrocarb									
C6-C12 (GRO)	650	50	ug/l	1	6061603	06/16/06	06/20/06	EPA 8015m	
Surrogate: 4-Bromofluorobenzene		94.2 %	65-	135	"	"	"	n .	
Extractable Petroleum Hydrocar	bons by 8015								
Diesel Range Hydrocarbons	1.3	0.050	mg/l	I	6061602	06/16/06	06/22/06	EPA 8015m	
Surrogate: Chrysene		103 %		125	"	"	"	"	
Volatile Organic Compounds by	EPA Method 826	0B							·
Bromobenzene	ND	1,0	ug/l	1	6061604	06/16/06	06/19/06	EPA 8260B	
Bromochloromethane	ND	1.0	11	0	U	11	и	п	ů.
Bromodichloromethane	ND	1.0	н	0	0	н	ıt	n	
Bromoform	ND	1.0	н	ų	U	'n		li	
Bromomethane	ND	1.0	11	U	v	п	It.	И .	•
n-Butylbenzene	ND	1.0	•	0	v	п	IT	и	
sec-Butylbenzene	5.7	1.0	••	0	0	0	II.	н	
tert-Butylbenzene	ND	1.0	•1	9	0	н	и	. н	
Carbon tetrachloride	ND	0.50	•1	ø	U	н	и	n	•
Chlorobenzene	ND	1.0	51	11	u	II	If	н	
Chloroethane	ND	1.0	51	U	u	. п	I†	·N	
Chloroform	ND	1.0	*1	11	11	н	If	п	
Chloromethane	ND	1.0	**	ti	n	и	· e	п	
2-Chlorotoluene	ND	1.0	41	11	ú	и	H.	· n	
4-Chlorotoluene	ND	1.0	11	п	11	"	It	и .	
Dibromochloromethane	ND	1.0	*1	11	9	н	17	II .	
1,2-Dibromo-3-chloropropane	ND	1.0	•1	11	yı .	II .	l†	и	
1,2-Dibromoethane (EDB)	ND	1.0	•1	0	0	п	If	" -	
Dibromomethane	ND	1.0	*1	U	ų	н	И	n	•
1,2-Dichlorobenzene	ND	1.0	***	U	U	"	И	h	
1,3-Dichlorobenzene	ND	1.0	•1	0	U	11	II.	н	
1,4-Dichlorobenzene	ND	1.0	•1		0	H	ıı		
Dichlorodifluoromethane	ND	0.50	*1	ŧi	U	н	If	n	
1,1-Dichloroethane	ND	1.0	*1	ų	0	н	И	n	
1,2-Dichloroethane	ND	0.50	••	9	U	11	If	n	
1,1-Dichloroethene	ND	1.0	+1	0	U	Ħ	и	н	
cis-1,2-Dichloroethene	ND	1.0	*1	0	0	ti	ıı	11	
trans-1,2-Dichloroethene	ND	1.0	*1	u	U	11	н	11	
1,2-Dichloropropane	ND	1.0	11	0	U	n	If	H	•
1,3-Dichloropropane	ND	1.0	11	11	0	h	R .	! !	
2,2-Dichloropropane	ND	1.0	•1	U	U	*1	ji .	11	
1,1-Dichloropropene	ND	1.0	11	41	0	11	u	11	
cis-1,3-Dichloropropene	ND	0.50	*1	n	U	11	н	n	
trans-1,3-Dichloropropene	ND	0.50	11	U	U	ŧ1	И	п	

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Project: Mission Valley Rock

701 N. Parkcenter Drive Santa Ana CA, 92705 Project Number: EM25009A Project Manager: Paul McCarter Reported: 06/23/06 10:01

MW-6S T600810-10 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	· Notes
		SunStar La	borato	ries, Inc.					
Volatile Organic Compounds by	EPA Method 826	0B							
Hexachlorobutadiene	ND	1.0	ug/l	1	6061604	06/16/06	06/19/06	EPA 8260B	
Isopropylbenzene	14	1.0	ŧI	9	u	*1	11	п	
p-Isopropyltoluene	ND	1.0	•1		u	ıı	It	н	
Methylene chloride	ND	1.0	11	0	9	и .	17	п	
Naphthalene	ND	1.0	Ð	0	9	н	t†	н	
n-Propylbenzene	31	1.0	Ħ	U	U	u	11	II .	
Styrene	ND	1.0	н	U	U	п	n	Д	
1,1,2,2-Tetrachloroethane	ND	1.0	H	0	ti .	n n	17	ц	,
1,1,1,2-Tetrachloroethane	ND	1.0	11	0	v	н	"		
Tetrachloroethene	ND	1.0	н	U	0	И	If	п	
1,2,3-Trichlorobenzene	ND	1.0	Ħ	U	ų	И	Iŧ	H	
1,2,4-Trichlorobenzene	ND	1.0	н	e	U	н	R	и	
1,1,2-Trichloroethane	ND	1.0	Ħ	0	0	и	и	n	
1,1,1-Trichloroethane	ND	1.0	**	**	U	н	н	н	
Trichloroethene	ND	1.0	*1	0	0	н	If		
Trichlorofluoromethane	ND	1.0	•1	0	0	н	It	n	
1,2,3-Trichloropropane	ND	1.0	•	11	0	и	11	н	
1,3,5-Trimethylbenzene	ND	1.0	11	11	n	Ц	l†	n n	
1,2,4-Trimethylbenzene	1.8	1.0	11	11	11	11	I†	н	
Vinyl chloride	ND	0.50	**	11	11	И	0	R	
Benzene	ND	0.50	11	*1	ti .	п	tt .	н	
Toluene	1.7	0.50	11	Ħ	71	п	11	ц	
Ethylbenzene	1.9	0.50	11	11	71	11	U	j n	
m,p-Xylene	2.0	1.0	11	11	ti	Ħ	17	н	
o-Xylene	ND	0.50	11	Ħ	n	и	17	п -	
Tert-amyl methyl ether	ND	2.0	11	11	Ħ	II	Ŋ	н	
Tert-butyl alcohol	ND	10	11	Ħ	n	II	It	н	
Di-isopropyl ether	ND	2.0	11	n	0	н	I†	п	
Ethyl tert-butyl ether	ND	2.0	11	11	11	II .	17	II	
Methyl tert-butyl ether	ND	1.0	11	11	u	II .	11	И	
Surrogate: Toluene-d8		102 %	88.8	3-117	"	n	n	н	
Surrogate: 4-Bromofluorobenzene		104 %		i-119	"	"	"	"	
Surrogate: Dibromofluoromethane		102 %		-136	"	"	"	"	
· ·									

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701 N. Parkcenter Drive Santa Ana CA, 92705 Project: Mission Valley Rock

Project Number: EM25009A Project Manager: Paul McCarter Reported: 06/23/06 10:01

MW-10LF T600810-11 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Note
		SunStar La	aborato	ries, Inc.					
Purgeable Petroleum Hydrocarl	ons by EPA 8015n	1							
C6-C12 (GRO)	780	50	ug/l	1	6061603	06/16/06	06/20/06	EPA 8015m	
Surrogate: 4-Bromofluorobenzene		96.0 %		135	"	"	"	"	
Extractable Petroleum Hydroca	rbons by 8015								
Diesel Range Hydrocarbons	ND	0.050	mg/l	1	6061602	06/16/06	06/22/06	EPA 8015m	•
Surrogate: Chrysene		102 %		125	"	"	"	"	
Volatile Organic Compounds by	EPA Method 8260	В							
Bromobenzene	ND	1.0	ug/l	1	6061604	06/16/06	06/19/06	EPA 8260B	
Bromochloromethane	ND	1.0	" "	U	"	11	11	B171 0200D	
Bromodichloromethane	ND	1.0	**	U	0	И	И	n	
Bromoform	ND	1.0		U	u	н	и"	11	
Bromomethane	ND	1.0	•1	U	v	и	И	н	
n-Butylbenzene	ND	1.0	+1	0	u	n	n	И	
sec-Butylbenzene	1.4	1.0	•1	U	0	11	IT	ıı	
tert-Butylbenzene	ND	1.0	*1	U	0	н	н	и	,
Carbon tetrachloride	ND	0.50	н	ti.	U	ท	И	11	
Chlorobenzene	ND	1.0	Ħ	O	0	п	и	н	
Chloroethane	ND	1.0	*1	U	U)1	н		
Chloroform	ND	1.0		U	U	и	If	п	
Chloromethane	ND	1.0	Ħ	0	U	11	Ц	н	
2-Chlorotoluene	ND	1.0	Ħ	0	0	fi	п	н	
4-Chlorotoluene	ND	1.0	n	D	It	†I	И	11	
Dibromochloromethane	ND	1.0	tt	"	17	†I	н	11	
1,2-Dibromo-3-chloropropane	ND	1.0	*	"		Ħ		**	. ,
1,2-Dibromoethane (EDB)	ND	1.0	19	It	It	11	11	* -	
Dibromomethane	ND	1.0	19	It	It	0	11	9	
1,2-Dichlorobenzene	ND	1.0	rı	R	н	0	11	U	
1,3-Dichlorobenzene	ND	1.0	"	It .	It	U	11	0	
1,4-Dichlorobenzene	ND	1.0	19	It	И	0	п	0	
Dichlorodifluoromethane	ND	0.50	11	н	н	U	ti	U	
1,1-Dichloroethane	ND	1.0	10	и	II	n	U	ti .	
1,2-Dichloroethane	ND	0.50	19	II	II	Ŋ	n	II.	
1,1-Dichloroethene	ND	1.0	н	It	H	U	11	0	
cis-1,2-Dichloroethene	ND	1.0	11	II	н	(r	11	0	
trans-1,2-Dichloroethene	ND	1.0	**	и	If	0	11	U	
1,2-Dichloropropane	ND	1.0	н	If	H	U	11	tf	
1,3-Dichloropropane	ND	1.0	н	1*	И	u	11	0	
2,2-Dichloropropane	ND	1.0	**	ır	IF	II.	11	u ·	
1,1-Dichloropropene	ND	1.0	**	III	H	U	11	U	
cis-1,3-Dichloropropene	ND	0.50	19	IF	И	U	11	U	

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Project: Mission Valley Rock

701 N. Parkcenter Drive Santa Ana CA, 92705 Project Number: EM25009A Project Manager: Paul McCarter Reported: 06/23/06 10:01

MW-10LF T600810-11 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		SunStar La	borato	ries, Inc.					
Volatile Organic Compounds by E	PA Method 8260	В							
trans-1,3-Dichloropropene	ND	0.50	ug/l	1	6061604	06/16/06	06/19/06	EPA 8260B	·
Hexachlorobutadiene	ND	1.0	If	н	u	0	n	u	
Isopropylbenzene	18	1.0	I#	II .	II .	и	11	0	
p-Isopropyltoluene	ND	1.0	l#	II .	И	u ·	*1	0	
Methylene chloride	ND	1.0	D	u	и	U	*1	0	
Naphthalene	ND	1.0	It	н	п	0	11		•
n-Propylbenzene	22	1.0	D	п	п	Ц	11	U	,
Styrene	ND	1.0	IP.		Д	17	11	17	
1,1,2,2-Tetrachloroethane	ND	1.0	17	n n	Ц	I†	11	tr	
1,1,1,2-Tetrachloroethane	ND	1.0	17	п	И	19	**	U	
Tetrachloroethene	ND	1.0	10	И	и	U	11	U	
1,2,3-Trichlorobenzene	ND	1.0	11	н	И	0	Ħ	U	
1,2,4-Trichlorobenzene	ND	1.0	IF.	п	и	0	11	v	
1,1,2-Trichloroethane	ND	1.0	Iŧ	н	н		11	0	
1,1,1-Trichloroethane	ND	1.0	I P	и	Ц	0	ti	v	
Trichloroethene	ND	1.0	17	It	н	U	*1	0	•
Trichlorofluoromethane	ND	1.0	10	н	н	tt.	п	U	
1,2,3-Trichloropropane	ND	1.0	19	н	И	0	п	U	•
1,3,5-Trimethylbenzene	ND	1.0	17	н	u	0	11	v	•
1,2,4-Trimethylbenzene	1.6	1.0	17	н	ц	ц	'n	u	
Vinyl chloride	ND	0.50	11	И	И	0	11	u	
Benzene	2.0	0.50	17	п	Ц	Ц	11	0	
Toluene	2.4	0.50	19	п	ц	н		U	
Ethylbenzene	1.1	0.50	11	н	И	н	ti	U	
m,p-Xylene	4.6	1.0	10	н	И	н	ti		
o-Xylene	ND	0.50	10	ш	Ц	lt.	n	U	. ,
Tert-amyl methyl ether	ND	2.0	17	н	п	tt .	9	tr.	
Tert-butyl alcohol	ND	10	10	п	н	"	u	I†	
Di-isopropyl ether	ND	2.0	17	n	11	17	U	R	
Ethyl tert-butyl ether	ND	2.0	17	п	н	н	0	н	
Methyl tert-butyl ether	ND	1.0	11	н	п	If	0	P	
Surrogate: Toluene-d8		102 %	88.8	3-117	"	"	п	n	
Surrogate: 4-Bromofluorobenzene		106 %	83.5-119		"	"	"	n	
Surrogate: Dibromofluoromethane		108 %	81.1-136		"	"	"	n	

SunStar Laboratories, Inc.

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701 N. Parkcenter Drive Santa Ana CA, 92705 Project: Mission Valley Rock

Project Number: EM25009A Project Manager: Paul McCarter Reported: 06/23/06 10:01

MW-10D T600810-12 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Note
•		SunStar La	aborato	ries, Inc.					
Purgeable Petroleum Hydrocarbo									
C6-C12 (GRO)	2300	50	ug/I	1	6061603	06/16/06	06/20/06	EPA 8015m	
Surrogate: 4-Bromofluorobenzene		107 %	65-	135	n	"	"	. "	
Extractable Petroleum Hydrocarb	ons by 8015								
Diesel Range Hydrocarbons	ND	0.050	mg/l	1	6061602	06/16/06	06/22/06	EPA 8015m	•
Surrogate: Chrysene		87.8 %		125	"	"	"	"	
Volatile Organic Compounds by E	PA Method 82								
Bromobenzene	ND	1.0	ug/l	1	6061604	06/16/06	06/19/06	EPA 8260B	
Bromochloromethane	ND	1.0	11	11	"	"	"	" ·	
Bromodichloromethane	ND	1.0	11	11	н	If	U	I†	
Bromoform	ND	1.0	1t	11	п	Ŋ	0	n .	
Bromomethane	ND	1.0	10	11	n	n	v	tt.	
n-Butylbenzene	ND	1.0	II.	н	н .	IF	v	tt.	
sec-Butylbenzene	5.6	1.0	11	H	н	н	U	It.	
tert-Butylbenzene	6.1	1.0	11	11	н	n	U	Н	
Carbon tetrachloride	ND	0.50	17	11	н .	н	U	If:	
Chlorobenzene	ND	1.0	17	11	н	Ц	U	Iţ	
Chloroethane	ND	1.0	11	11	11	н	IT	н	
Chloroform	ND	1.0	*1	11	11	п	t†		
Chloromethane	ND	1.0	*1	ø	0	· п	It	н	
2-Chlorotoluene	ND	1.0	91	U	0	н	ıt	п	
4-Chlorotoluene	ND	1.0	e e	0	u.	Ħ	п	n	
Dibromochloromethane	ND	1.0	н	ų	0	tt	ıı	. "	
1,2-Dibromo-3-chloropropane	ND	1.0	**	U	U	†I	н	n n	
1,2-Dibromoethane (EDB)	ND	1.0	ti	0	lf.	ti	И	n	
Dibromomethane	ND	1.0	н	IT	l†	U	н	†I	`
1,2-Dichlorobenzene	ND	1.0	19	D	It	9	н	11	
1,3-Dichlorobenzene	ND	1.0	19	"	19	U	н	11	
1,4-Dichlorobenzene	ND	1.0	19	11	n	U	†1		•
Dichlorodifluoromethane	ND	0.50	11	I†	И	U	11	0	
1,1-Dichloroethane	ND	1.0	11	lt.	н	U	Ħ	ti .	
1,2-Dichloroethane	ND	0.50	11	H	ц	tt.	"	0	
1,1-Dichloroethene	ND	1.0	11	И	и	17	91	U	
cis-1,2-Dichloroethene	ND	1.0	н	н	и	lt.	11	v	
trans-1,2-Dichloroethene	ND	1.0	t#	r	н	e	11	ų.	
1,2-Dichloropropane	ND	1.0	н	H	п	D	9	w	
1,3-Dichloropropane	ND	1.0	н	11	н	0	11	0	
2,2-Dichloropropane	ND	1.0	н	и	n	I†	0	tt *	
1,1-Dichloropropene	ND	1.0	()	ıı	n	If	0		•
cis-1,3-Dichloropropene	ND	0.50	11	ц	н	If	u	tt	
trans-1,3-Dichloropropene	ND	0.50	11	И	н	If	0	It .	

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701 N. Parkcenter Drive Santa Ana CA, 92705 Project: Mission Valley Rock

Project Number: EM25009A Project Manager: Paul McCarter Reported: 06/23/06 10:01

MW-10D T600810-12 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		SunStar La	iborato	ries, Inc.					
Volatile Organic Compounds by I	EPA Method 8260	В							
Hexachlorobutadiene	ND	1.0	ug/l	1	6061604	06/16/06	06/19/06	EPA 8260B	
Isopropylbenzene	22	1.0	117	If	If	11	п	11	•
p-Isopropyltoluene	1.5	1.0	II.	II	н	l†	н	11	
Methylene chloride	ND	1.0	11	ıı	R	. 0	н	"	
Naphthalene	16	1.0	IP.	II	И	If	71	0	
n-Propylbenzene	52	1.0	11	И	И	It	11	0	
Styrene	ND	1.0	It	II	II	U	Ħ	0	
1,1,2,2-Tetrachloroethane	ND	1.0	IP	н	H	u	11	tr.	
1,1,1,2-Tetrachloroethane	ND	1.0	11	ıı	И	l†	0	It.	
Tetrachloroethene	· ND	1.0	11	и .	n	It	0	IT	
1,2,3-Trichlorobenzene	ND	1.0	11	11	H	It.	U	er .	
1,2,4-Trichlorobenzene	ND	1.0	11	11	н	н	Ü	н	•
1,1,2-Trichloroethane	ND	1.0	11	11	11	н	0	II.	
1,1,1-Trichloroethane	ND ·	1.0	11	11	n	н	n	If	
Trichloroethene	ND	1.0	11	1)	ti		11	н	
Trichlorofluoromethane	ND	1.0	11	†I	11	н	it.	н	
1,2,3-Trichloropropane	ND	1.0	11	n	11	н	lt.	н	
1,3,5-Trimethylbenzene	11	1.0	11	11	ti	11	IT	п	
1,2,4-Trimethylbenzene	3.3	1.0	11	11	11	n	ır .	н	
Vinyl chloride	ND	0.50	*11	u	ti .	н	It	н	
Benzene	7.6	0.50	**	0	U	U	u		
Toluene	2.4	0.50	**	0	U	U	И	п	,
Ethylbenzene	66	0.50	n	e	U7	U	II .	ti .	
m,p-Xylene	6.6	1.0	**	11	**	II.	"	n	
o-Xylene	ND	0.50	**	t†	u*	11	и	**	
Tert-amyl methyl ether	ND	2.0	н	i†	lt	0	н	n	
Tert-butyl alcohol	ND	10	н	lf .	II	U	11	ti .	
Di-isopropyl ether	ND	2.0	n	п	И	u	11	0	
Ethyl tert-butyl ether	ND	2.0	10	II.	И	U	11	0	
Methyl tert-butyl ether	ND	1.0	11	п	n.	0	п	0	
Surrogate: Toluene-d8		103 %	88.8	-117	"	"	"	<i>n</i> .	
Surrogate: 4-Bromofluorobenzene		106 %	83.5	-119	"	"	"	n	•
Surrogate: Dibromofluoromethane		120 %	81.1		"	"	"	,,	
		70	0						

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701 N. Parkcenter Drive Santa Ana CA, 92705 Project: Mission Valley Rock

Project Number: EM25009A Project Manager: Paul McCarter Reported: 06/23/06 10:01

MW-10S T600810-13 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Not
		SunStar La	aborato	ies, Inc.					
Purgeable Petroleum Hydrocarbo									·
C6-C12 (GRO)	ND	50	ug/l	11	6061603	06/16/06	06/20/06	EPA 8015m	
Surrogate: 4-Bromofluorobenzene		99.8 %	65-	135	"	"	"	n	
Extractable Petroleum Hydrocarb	ons by 8015								
Diesel Range Hydrocarbons	ND	0.050	mg/l	1	6061602	06/16/06	06/22/06	EPA 8015m	
Surrogate: Chrysene		119 %	75-	125	"	"	"	"	
Volatile Organic Compounds by E	PA Method 826	0B							
Bromobenzene	ND	1.0	ug/l	1	6061604	06/16/06	06/19/06	EPA 8260B	
Bromochloromethane	ND	1.0	11	11	11	ıt	U	и	_
Bromodichloromethane	ND	1.0	11	11	11	If	. 0	If	•
Bromoform	ND	1.0	11	11	п	P	0	и	
Bromomethane	ND	1.0	11	11	н	n		14	
n-Butylbenzene	ND	1.0	11	11	н	It	u	n .	
ec-Butylbenzene	ND	1.0	D	и	п	It .	11	lt .	
ert-Butylbenzene	ND	1.0	11	11	11	ır	u	It.	
Carbon tetrachloride	ND	0.50	11	11	н	Ц	u	P	
Chlorobenzene	ND	1.0	17	11	н	It	0	R	
Chloroethane	ND	1.0	11	11	*1	и	U	11	
Chloroform	ND	1.0	16	11	Ħ	It.	U	и	
Chloromethane	ND	1.0	11	11	н	И	0	P .	•
-Chlorotoluene	ND	1.0	11	11	+1	и	0	н	
-Chlorotoluene	ND	1.0	11	11	п	п	ų	н	
Dibromochloromethane	ND	1.0	11	"	п	и	u u	н	
,2-Dibromo-3-chloropropane	ND	1.0	11	11	11	н	U		
,2-Dibromoethane (EDB)	ND	1.0	11	11	11		t†	н .	
Dibromomethane	ND	1.0	11	11	11	п	It	и	
.2-Dichlorobenzene	ND	1.0	11	11	9	н	17	п	
,3-Dichlorobenzene	· ND	1.0	11	11	**		11		
,4-Dichlorobenzene	ND	1.0	11	11	**	11	11	н	
Dichlorodifluoromethane	ND	0.50	17	11	9	н	11	и	•
,1-Dichloroethane	ND	1.0	11	†I	11	н	17		
,2-Dichloroethane	ND	0.50	D	11	11	н	17		
,1-Dichloroethene	ND	1.0	11	и	11	н	U	n,	
is-1,2-Dichloroethene	ND	1.0	17	п	н	н	0	IF	
rans-1,2-Dichloroethene	ND	1.0	1ŧ	h	н	If	0	ıt	
,2-Dichloropropane	ND	1.0	D	и	н	tf.	U	It.	
1,3-Dichloropropane	ND	1.0	10	п	п		11	ıı	
2,2-Dichloropropane	ND	1.0	17	п			11	H .	
,1-Dichloropropene	ND	1.0	16	и	н	tf.	u	tt .	
cis-1,3-Dichloropropene	ND	0.50	It	н	н	н	U	ır	•

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Project: Mission Valley Rock

701 N. Parkcenter Drive Santa Ana CA, 92705 Project Number: EM25009A Project Manager: Paul McCarter Reported: 06/23/06 10:01

MW-10S T600810-13 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		SunStar La	aborato	ries, Inc.		-			
Volatile Organic Compounds by I	EPA Method 8260	В							•
trans-1,3-Dichloropropene	ND	0.50	ug/l	1	6061604	06/16/06	06/19/06	EPA 8260B	
Hexachlorobutadiene	ND	1.0	t †	l†	l?	11	н	11	
Isopropylbenzene	ND	1.0	19	11	lt .	11	н	п	
p-Isopropyltoluene	ND	1.0	19	I†	17	9	н	11	
Methylene chloride	ND	1.0	19	17	l†	†1	н	11	
Naphthalene	ND	1.0	11	If	tt	9	н	IJ	
n-Propylbenzene	ND	1.0	11	I†	l†	g	н	11	
Styrene	ND	1.0	19	IP.	It	11	н	11	
1,1,2,2-Tetrachloroethane	ND	1.0		ıt	и	u	н	0	
1,1,1,2-Tetrachloroethane	ND	1.0	10	It	If	0	H	U	,
Tetrachloroethene	ND	1.0	10	If	H	v	Ħ	11	
1,2,3-Trichlorobenzene	ND	1.0	11	If	If	0	11	(1	
1,2,4-Trichlorobenzene	ND	1.0	10	It	и	0	н	u	
I,1,2-Trichloroethane	ND	1.0	17	и	н	v	71	0	
1,1,1-Trichloroethane	ND	1.0	18	If	И	0	11	U	
Trichloroethene	ND	1.0	18	ш	II,	0	71	u	
Trichlorofluoromethane	ND	1.0	IP	II .	II .	l†	. 11	tf	
1,2,3-Trichloropropane	ND	1.0	17	н	"		0	rr	
1,3,5-Trimethylbenzene	ND	1.0	16	н	н		11	tt	
1,2,4-Trimethylbenzene	ND	1.0	11	н	H	n	ŧI	tt	•
Vinyl chloride	ND	0.50	D	И	н	ıf	u	It.	
Benzene	ND	0.50	17	n	, п	If	0	n	
Toluene	ND	0.50	11	11	п	н	•	и	
Ethylbenzene	ND	0.50	11	**	*1	и	u	"	
m,p-Xylene	ND	1.0	11	fl	ti	И	lT		
o-Xylene	ND	0.50	11	11	11	п	lt.	п	
Tert-amyl methyl ether	ND	2.0	11	11	ti	п	II	н	
Tert-butyl alcohol	ND	10	•11	11	0	n	н	н	
Di-isopropyl ether	ND	2.0	41	11	o o	n	н	11	
Ethyl tert-butyl ether	ND	2.0	11	u	u	н	It	п	•
Methyl tert-butyl ether	ND	1.0	11	n	U	71	И	II	
Surrogate: Toluene-d8		100 %	88.8	-117	"	п	"	,,	
Surrogate: 4-Bromofluorobenzene		104 %		-119	"	"	"	"	
Surrogate: Dibromofluoromethane		118%		-136	"	"	"	"	
Come Die on on on on on on		110 /0	01.1	100					

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701 N. Parkcenter Drive Santa Ana CA, 92705 Project: Mission Valley Rock

Project Number: EM25009A Project Manager: Paul McCarter Reported: 06/23/06 10:01

MW-12LF T600810-14 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Note
		SunStar La	aborator	ies, Inc.					
Purgeable Petroleum Hydrocarbo	ons by EPA 8015m							•	•
C6-C12 (GRO)	ND	50	ug/l	1	6061603	06/16/06	06/20/06	EPA 8015m	
Surrogate: 4-Bromofluorobenzene		103 %	65-	135	"	"	"	n	
Extractable Petroleum Hydrocarl	oons by 8015								
Diesel Range Hydrocarbons	ND	0.050	mg/l	1	6061602	06/16/06	06/22/06	EPA 8015m	
Surrogate: Chrysene		100 %		125	"	"	"	- "	
Volatile Organic Compounds by I	EPA Method 82601								
Bromobenzene	ND	1.0	ug/l	1	6061604	06/16/06	06/16/06	EPA 8260B	
Bromochloromethane	ND	1.0	11	11	†1	11	"	"	
Bromodichloromethane	ND	1.0	*1	11	tl	ш	lt .	и .	,
Bromoform	ND	1.0	ŧI	9	U	н	If	н	
Bromomethane	ND	1.0	п	9	ti	н	17	н	
n-Butylbenzene	ND	1.0	*1	11	0	н	17	п	
sec-Butylbenzene	ND	1.0	**	U	U	ш	If .	п	
tert-Butylbenzene	ND	1.0	Ħ	o	U	11	ц	h	
Carbon tetrachloride	ND	0.50	н	lf .	l†	9	н	11	
Chlorobenzene	ND	1.0	н	l+	19	11	н	11	
Chloroethane	ND	1.0	*	lt .	tt .	11	п	11	
Chloroform	ND	1.0	н	r	If	n	H	11	
Chloromethane	ND	1.0	19	I†	If	0	п		,
2-Chlorotoluene	ND	1.0	19	R	It	'n	н	u.	
4-Chlorotoluene	ND	1.0	I P	и	H	U	*1	11	
Dibromochloromethane	ND	1.0	10	н	н	U	11	0	
1,2-Dibromo-3-chloropropane	ND	1.0		п	И	tt .	11	e .	
1,2-Dibromoethane (EDB)	ND	1.0	11	и	н	tt.	U		
Dibromomethane	ND	1.0	11	п	п	It	0	I+	
1,2-Dichlorobenzene	ND	1.0	#	и	n	It.	U	"	
1,3-Dichlorobenzene	ND	1.0	D	II	н	I†	U	11	
1,4-Dichlorobenzene	ND	1.0	10	п	п	I†	0	и .	
Dichlorodifluoromethane	ND	0.50	10	И	н	It	U	u	•
1,1-Dichloroethane	. ND	1.0	10	н	н	If	Ü	et	
1,2-Dichloroethane	ND	0.50	11	п	μ	*	11	11	
1,1-Dichloroethene	ND	1.0	"			lt.	11	tt.	
cis-1,2-Dichloroethene	ND	1.0	10	н	n	11	ti	ur .	
rans-1,2-Dichloroethene	ND	1.0	19	ц	н	ŧŧ	11	0	
1,2-Dichloropropane	ND	1.0	H	и	п	I)	n	U	
1,3-Dichloropropane	ND	1.0	н	14	н	· #	11	e	
2,2-Dichloropropane	ND	1.0	10	и	n	1+	n	tr ·	
1,1-Dichloropropene	ND	1.0	P	ıı	н	"	u	o .	
cis-1,3-Dichloropropene	ND	0.50	Iŧ.	и	н	It	y	e	-

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701 N. Parkcenter Drive Santa Ana CA, 92705 Project: Mission Valley Rock

Project Number: EM25009A Project Manager: Paul McCarter Reported: 06/23/06 10:01

MW-12LF T600810-14 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		SunStar La	borato	ries, Inc.				•	
Volatile Organic Compounds by H	EPA Method 8260	В							•
trans-1,3-Dichloropropene	ND	0.50	ug/l	1	6061604	06/16/06	06/16/06	EPA 8260B	
Hexachlorobutadiene	ND	1.0	+1	ti	u	н	n	п	
Isopropylbenzene	ND	1.0	*1	U	11	и	11	и	
p-Isopropyltoluene	ND	1.0	1)	0	u		I†	н	
Methylene chloride	ND	1.0	ŧI	U	ø	н	if	н	
Naphthalene	ND	1.0	41	y	9	п	It	и	
n-Propylbenzene	ND	. 1.0	U	U	ü	п	lt .	н	
Styrene	ND	1.0	Ħ	U	v	п	If	H	
1,1,2,2-Tetrachloroethane	ND	1.0	Ħ	0	U	и	I†	и .	
1,1,1,2-Tetrachloroethane	ND	1.0	*1	0	0	и	It	и	
Tetrachloroethene	ND	1.0	U	ų	0	н	It	n .	
1,2,3-Trichlorobenzene	ND	1.0	Ħ	U	U	н	И	n	
1,2,4-Trichlorobenzene	ND	1.0	н	0	U	11	и	H	
1,1,2-Trichloroethane	ND	1.0	н	D	0	tl	н	11	
1,1,1-Trichloroethane	ND	1.0	Ħ	tr.	It	11	н	tı	
Trichloroethene	ND	1.0	н	19	lt .	9	н	11	
Trichlorofluoromethane	ND	1.0	н	IF	If	†I	11	11	
1,2,3-Trichloropropane	ND	1.0	Ħ	It	R	U	11	9	
1,3,5-Trimethylbenzene	ND	1.0	10	lt.	и	U	n	9 .	
1,2,4-Trimethylbenzene	ND	1.0	11	п	н	U	tl	0	
Vinyl chloride	ND	0.50	I P	И	и	11	11	U	
Benzene	ND	0.50	lt.	И	Д	17	u	0	
Toluene	ND	0.50	11	п	н	u+	u	l?	
Ethylbenzene	ND	0.50	17	п	и	И	0	le .	
m,p-Xylene	ND	1.0	D	И	н	н	IJ	P .	
o-Xylene	ND	0.50	D	н	11	н	U	н	
Tert-amyl methyl ether	ND	2.0	17	и	п	п	0	R	
Tert-butyl alcohol	ND	10	11	и	н	и	U	н	
Di-isopropyl ether	ND	2.0	17	н	71	H	ti .	ц -	
Ethyl tert-butyl ether	ND	2.0	11	11	н	II	0	н	
Methyl tert-butyl ether	ND	1.0	18	И	и	И	0	н	
Surrogate: Toluene-d8		102 %	88.8	2-117	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		102 %		-119	"	"	"	"	
Surrogate: Dibromofluoromethane		112%		-136	#	"	"	n	

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701 N. Parkcenter Drive Santa Ana CA, 92705 Project: Mission Valley Rock

Project Number: EM25009A Project Manager: Paul McCarter Reported: 06/23/06 10:01

MW-12D T600810-15 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Note
		SunStar La	borato	ries, Inc.		-			
Purgeable Petroleum Hydrocarbo									
C6-C12 (GRO)	ND	50	ug/l	1	6061603	06/16/06	06/20/06	EPA 8015m	·
Surrogate: 4-Bromofluorobenzene		104 %	65-	135	"	"	u u	"	. •
Extractable Petroleum Hydrocarb	ons by 8015					,			
Diesel Range Hydrocarbons	ND	0.050	mg/l	1	6061602	06/16/06	06/22/06	EPA 8015m	
Surrogate: Chrysene		102 %	75-	-125	"	n	,,	"	
Volatile Organic Compounds by E	PA Method 8260	В							
Bromobenzene	ND	1.0	ug/l	ī	6061604	06/16/06	06/16/06	EPA 8260B	
Bromochloromethane	ND	1.0	11	0	u'	н	If	ıı .	
Bromodichloromethane	ND	1.0	*1	91	9	и	If	. п	
Bromoform	ND	1.0	9	Ħ	11	п	lt .	н	
Bromomethane	ND	1.0	•1	11	11	н	17	n n	. ,
n-Butylbenzene	ND	1.0	•	11	0	и .	17	п	
sec-Butylbenzene	ND	1.0	41	U	v	н	17	н	
tert-Butylbenzene	ND	1.0	*1	0	U	н	IF .	н	
Carbon tetrachloride	ND	0.50	U	0	U	11	R	и	
Chlorobenzene	ND	1.0	н	0	0	"	II.	н	
Chloroethane	ND	1.0	Ħ	U	U	11	И	n	
Chlorofonn	ND	1.0	Ħ	0	u	11	и	н	•
Chloromethane	ND	1.0	Ð	e	U	11	ц	н	
2-Chlorotoluene	ND	1.0	н	0	0	п	п	11	
4-Chlorotoluene	ND	1.0	н	17	11	11	н	11	. ,
Dibromochloromethane	ND	1,0	н	11	I†	11	н	11	
1,2-Dibromo-3-chloropropane	ND	1.0	n	t†	17	U	н	9	
1,2-Dibromoethane (EDB)	ND	1.0	н	tt.	I†	. 0	н		
Dibromomethane	ND	1.0	н	n	lt.	9	н	U	
1,2-Dichlorobenzene	ND	1.0	н	19	17	0	н	11	
1,3-Dichlorobenzene	ND	1.0	н	17	11	u	н	**	
1,4-Dichlorobenzene	ND	1.0	н	n	11	0	п	0 .	
Dichlorodifluoromethane	ND	0.50	н	11	l†	9	н	#1	
1,1-Dichloroethane	ND	1.0	11	U	l†	п	н	#1	
1,2-Dichloroethane	ND	0.50	Ħ	0	0	11		11	. ,
1,1-Dichloroethene	ND	1.0	*1	0	"	**		11	
cis-1,2-Dichloroethene	ND	1.0	*1	. 0	U	11	н	11	
trans-1,2-Dichloroethene	ND ND	1.0	Ħ	0	U	11	п	н	
1,2-Dichloropropane	ND	1.0	11	U	0	11	h	п	
1,3-Dichloropropane	ND ND	1.0	*1	0	17	,,	п	n	
2,2-Dichloropropane	ND ND	1.0	Ħ	11	17	0	н		
1,1-Dichloropropane	ND ND	1.0	н	"	I†	0	п	11	
cis-1,3-Dichloropropene	ND ND	0.50	Ħ	ti.	It.	U	н		

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Tait Environmental 701 N. Parkcenter Drive Santa Ana CA, 92705 Project: Mission Valley Rock

Project Number: EM25009A Project Manager: Paul McCarter Reported: 06/23/06 10:01

MW-12D T600810-15 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		SunStar La	aborato	ries, Inc.					
Volatile Organic Compounds by H									
trans-1,3-Dichloropropene	ND	0.50	ug/l	1	6061604	06/16/06	06/16/06	EPA 8260B	
Hexachlorobutadiene	ND	1.0	14	н	lt .	ø	h	и .	
Isopropylbenzene	ND	1.0	17	IP	If	ti ti	н	v	•
p-Isopropyltoluene	ND	1.0	11	III	If	0 '	п	u	
Methylene chloride	ND	1.0	18	Ħ	If	ч	. н	1)	
Naphthalene	ND	1.0	10	ц	И	0	11	u u	
n-Propylbenzene	ND	1.0	IF	ıı	И	U	11	0	
Styrene	ND	1.0	11	h	п	t†	0	v	
1,1,2,2-Tetrachloroethane	ND	1.0	11	н	н	n	(1	17	
1,1,1,2-Tetrachloroethane	ND	1.0	11	11	Ņ	11	U	H .	
Tetrachloroethene	ND	1.0	11	11	н	н	0	н	
1,2,3-Trichlorobenzene	ND	1.0	41	11	Ħ	н	Ð	н ,	
1,2,4-Trichlorobenzene	ND	1.0	11	11	9	н	n	ıı	·
1,1,2-Trichloroethane	ND	1.0	41	u	11	H	14	н	
1,1,1-Trichloroethane	ND	1.0	н	U	ų	н	II	н	
Trichloroethene	ND	1.0	н	e	U	11	И	11	
Trichlorofluoromethane	ND	1.0	н	I†	0	11	II.	h	
1,2,3-Trichloropropane	ND	1.0	H	II.	III	1)	и	11	
1,3,5-Trimethylbenzene	ND	1.0	10	н	II*	U	11	11	
1,2,4-Trimethylbenzene	ND	1.0	11	ц	n	U	11	U	
Vinyl chloride	ND	0.50	11	II .	И	ut	ø	0	
Benzene	ND	0.50	It	п	П	II	u		
Toluene	ND	0.50	l#	H	n	11.	0 .	If	•
Ethylbenzene	ND	0.50	17	н	п	II	0	R	
m,p-Xylene	ND	1.0	11	ti	n	н	ıt	ц ,	
o-Xylene	ND	0.50	11	11	Ħ	Ш	If .	п	
Tert-amyl methyl ether	ND	2.0	n	11	n	h	IF	п	
Tert-butyl alcohol	ND	10	11	0	111	N	It	н	
Di-isopropyl ether	ND	2.0	*1	9	10	п	If	н	
Ethyl tert-butyl ether	ND	2.0	*1	v	0	н	н	н	
Methyl tert-butyl ether	ND	1.0	91	0	u	н	и	н	
Surrogate: Toluene-d8		102 %	88.8	-117	,,	n	"	,, .	
Surrogate: 4-Bromofluorobenzene		100 %		-119	"	"	n	"	
Surrogate: Dibromofluoromethane	•	110%		-136	n	tt .	"	"	

SunStar Laboratories, Inc.

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Project: Mission Valley Rock

701 N. Parkcenter Drive Santa Ana CA, 92705 Project Number: EM25009A Project Manager: Paul McCarter Reported: 06/23/06 10:01

MW-12S T600810-16 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Note
		SunStar La	aborato	ries, Inc.					
Purgeable Petroleum Hydrocarbo									
C6-C12 (GRO)	ND	50	ug/l	1	6061603	06/16/06	06/20/06	EPA 8015m	
Surrogate: 4-Bromofluorobenzene		111 %	65-	135	n	n	"	"	
Extractable Petroleum Hydrocarl	bons by 8015								
Diesel Range Hydrocarbons	ND	0.050	mg/l	1	6061602	06/16/06	06/22/06	EPA 8015m	
Surrogate: Chrysene		114%	75-	125	11	"	"	"	
Volatile Organic Compounds by I	EPA Method 826	0B							
Bromobenzene	ND	1.0	ug/l	1	6061604	06/16/06	06/19/06	EPA 8260B	
Bromochloromethane	ND	1.0	"	п	н	0	11	"	
Bromodichloromethane	ND	1.0	It	п	н	U	11	U	
Bromoform	ND	1.0	10	н	n	U	11	0	
Bromomethane	ND	1.0	11	ji	н	**	Ħ	tr.	
n-Butylbenzene	ND	1.0	11		и	"	0	I+	
sec-Butylbenzene	ND	1.0	tr .	n	n	It	0	It	
tert-Butylbenzene	ND	1.0	11	11	ti	и	U	И	•
Carbon tetrachloride	ND	0.50	11	Ħ	71	И	U	п	·
Chlorobenzene	ND	1.0	91	11	ti	н	"	ц	
Chloroethane	ND	1.0	•1	0	.0	· H	It.	и	
Chloroform	ND	1.0	*1	U	U	н	ıt	п	
Chloromethane	ND	1.0	*1	u	0	н	ir	и	
2-Chlorotoluene	ND	1.0	B	U	ų	н	н	11	
4-Chlorotoluene	ND	1.0	н	0	17	11	н	11	
Dibromochloromethane	ND	1.0	11	tt	**	u	н	11	
1,2-Dibromo-3-chloropropane	ND	1.0	19	lt.	III	yı	11	11	•
1,2-Dibromoethane (EDB)	ND	1.0	19	It	ır	0	n	0 -	•
Dibromomethane	ND	1.0	n	It	ц	0	п	U	
1,2-Dichlorobenzene	ND	1.0		н	н	U	11	u	
1,3-Dichlorobenzene	ND	1.0	10		н .	0	11	0	
1,4-Dichlorobenzene	ND	1.0	10	н	н	t)	n	ti .	
Dichlorodifluoromethane	ND	0.50	16	ц	н	lf.	11	0	
1,1-Dichloroethane	ND	1.0	17	н	п	lt.	9	tr	
1,2-Dichloroethane	ND	0.50	16	н	п	11	9	u	
1,1-Dichloroethene	ND	1.0	10	#	II	11	ħ	U	
cis-1,2-Dichloroethene	ND	1.0		I†	II	U	11	U	· _
trans-1,2-Dichloroethene	ND	1.0	11	Iţ	lt .	0	н	0	•
1,2-Dichloropropane	ND	1.0	re .	P	н	0	11	0	
1,3-Dichloropropane	ND	1.0	11	It	н	ıı	11	U	
2,2-Dichloropropane	ND	1.0	IF.	и		11	U	11	
1,1-Dichloropropene	ND	1.0		п	н	11	u	e .	
cis-1,3-Dichloropropene	ND	0.50	D	и	ħ	и	0	и	

SunStar Laboratories, Inc.

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Project: Mission Valley Rock

701 N. Parkcenter Drive Santa Ana CA, 92705 Project Number: EM25009A Project Manager: Paul McCarter Reported: 06/23/06 10:01

MW-12S T600810-16 (Water)

SunStar Laboratories, Inc.	Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organic Compounds by EPA Method 8260B Irans-1,3-Dichloropropene NID 0.50 ug/l 1 6061604 06/16/06 06/19/06 EPA 8260B Hexachlorobutatiene NID 1.0 "	-			aborato	ries. Inc.					
Trans-1,3-Dichloropropene ND 0.50	Volatile Organic Compounds by I				,					
Hexachlorobutadiene ND 1.0	trans-1,3-Dichloropropene			ug/l	1	6061604	06/16/06	06/19/06	EPA 8260B	
p-Isopropyltoluene ND 1.0 " " " " " " " " Nathylalene ND 1.0 " " " " " " " " " " " " " " " " " " "	Hexachlorobutadiene	ND	1.0		п	п	H	11	n	
Methylene chloride ND 1.0 "	Isopropylbenzene	ND	1.0	11	н	н	17	11	It	
Naphthalene ND 1.0 " " " " " " " " " " " " " " " " " " "	p-Isopropyltoluene	ND	1.0	11	н	И	u .	*1	I†	
No. No.	Methylene chloride	ND	1.0	11	п	μ	ti.	Ħ	e	
Styrene ND 1.0 " " " " " " "	Naphthalene	ND	1.0	11	II	и	U	n	O.	
1,1,2,2-Tetrachloroethane	n-Propylbenzene	ND	1.0	11	п	и	U	Ħ	0	
1,1,1,2-Tetrachloroethane	Styrene	ND	1.0	11	II	R	U	11	0	
Tetrachloroethene	1,1,2,2-Tetrachloroethane	ND	1.0	18	и	R	U	п	U	
1,2,3-Trichlorobenzene ND 1.0 " " " " " " " " " " " " " " " " " " "	1,1,1,2-Tetrachloroethane	ND	1.0	11	И	И	0	н	0	
1,2,4-Trichlorobenzene ND 1,0 1,1,1-Trichloroethane ND 1,0 1,0 1,1,1-Trichloroethane ND 1,0 1,0 1,1,1-Trichloroethane ND 1,0 1,0 1,1,1-Trichloroethane ND 1,0 1,0 1,0 1,0 1,0 1,0 1,0 1,0 1,0 1,0	Tetrachloroethene	ND	1.0	11	II	н	U	н	0	
1,1,2-Trichloroethane ND 1.0 " </td <td>1,2,3-Trichlorobenzene</td> <td>ND</td> <td>1.0</td> <td>10</td> <td>И</td> <td>If</td> <td>v</td> <td>н</td> <td>11</td> <td></td>	1,2,3-Trichlorobenzene	ND	1.0	10	И	If	v	н	11	
1,1,1-Trichloroethane	1,2,4-Trichlorobenzene	ND	1.0	11	n	н	0	#1	U	
Trichloroethene ND 1.0 " " " " " " " " " " " " " " " " " " "	1,1,2-Trichloroethane	, ND	1.0	17	ıı	и	v	п	O O	
Trichlorofluoromethane ND 1.0 1.2,3-Trichloropropane ND 1.0 """""""""""""""""""""""""""""""""	1,1,1-Trichloroethane	ND	1.0	10	ч	И	0	Ħ	U	
1,2,3-Trichloropropane ND 1.0 "<	Trichloroethene	ND	1.0	11	н	п	u.	11	9	
1,3,5-Trimethylbenzene ND 1.0 """"""""""""""""""""""""""""""""""""	Trichlorofluoromethane	ND	1.0	11	н	lf	0	11	u	•
1,2,4-Trimethylbenzene	1,2,3-Trichloropropane	ND	1.0	10	ч	н	0	н	0	
Vinyl chloride ND 0.50 " " " " " " " " " " " " " " " " " " "	1,3,5-Trimethylbenzene	ND	1.0	D		II .	U	11	0	
Benzene ND 0.50 " " " " " " " " "	1,2,4-Trimethylbenzene	ND	1.0	17	ц	Ц	ij	†1	0	
Toluene ND 0.50 " " " " " " " " " " " " " " " " " " "	Vinyl chloride	ND	0.50	17	п	ц	U	†I	0	
Ethylbenzene ND 0.50 " " " " " " " " " " " " " " " " " " "	Benzene	ND	0.50	18	п	п	tf	11	17	
m,p-Xylene	Toluene	ND	0.50	10	н	н	17	u	19	
ND 0.50 " <td>Ethylbenzene</td> <td>ND</td> <td>0.50</td> <td>17</td> <td>н</td> <td>н</td> <td>t†</td> <td>ti</td> <td>If</td> <td></td>	Ethylbenzene	ND	0.50	17	н	н	t†	ti	If	
Tert-amyl methyl ether ND 2.0 " " " " " " " " " " " " " " " " " " "	m,p-Xylene	ND	1.0	17	и ,	μ	l†	11	11	
Tert-butyl alcohol ND 10 " " " " " " " " " " " " " " " " " "	o-Xylene	ND	0.50	17	п	н	n	91	lt .	
Di-isopropyl ether	Tert-amyl methyl ether	ND	2.0	10	н	н	I†	11	II.	•
Ethyl tert-butyl ether ND 2.0 " " " " " " " " " " " " " " " " " " "	Tert-butyl alcohol	ND	10	17		н	11	*1	IT.	
Methyl tert-butyl ether ND 1.0 " </td <td>Di-isopropyl ether</td> <td>ND</td> <td>2.0</td> <td>17</td> <td>II</td> <td>II .</td> <td>tt</td> <td>11</td> <td>41</td> <td></td>	Di-isopropyl ether	ND	2.0	17	II	II .	tt	11	41	
Surrogate: Toluene-d8 103 % 88.8-117 " " " Surrogate: 4-Bromofluorobenzene 102 % 83.5-119 " " " "	Ethyl tert-butyl ether	ND	2.0	10	н	н	e	11	17	
Surrogate: 4-Bromofluorobenzene 102 % 83.5-119 " " " "	Methyl tert-butyl ether	ND	1.0	10	н	Д	tt.	n	17	
Surrogate: 4-Bromofluorobenzene 102 % 83.5-119 " " " "	Surrogate: Toluene-d8		103 %	88.8	3-117	"	"	"	"	
	Surrogate: 4-Bromofluorobenzene					n	"	"	"	
	Surrogate: Dibromofluoromethane					"	H	"	n	

SunStar Laboratories, Inc.

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701 N. Parkcenter Drive Santa Ana CA, 92705 Project: Mission Valley Rock

Project Number: EM25009A Project Manager: Paul McCarter Reported: 06/23/06 10:01

MW-1 T600810-17 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Note
	-	SunStar La	aborato	ries, Inc.					
Purgeable Petroleum Hydrocarbo									
C6-C12 (GRO)	96	50	ug/l	1	6061603	06/16/06	06/20/06	EPA 8015m	•
Surrogate: 4-Bromofluorobenzene		102 %	65-	135	"	"	n	"	
Extractable Petroleum Hydrocarb	ons by 8015								
Diesel Range Hydrocarbons	ND	0.050	mg/l	1	6061602	06/16/06	06/22/06	EPA 8015m	
Surrogate: Chrysene		102 %	75-	125	"	"	"	"	
Volatile Organic Compounds by E	PA Method 826	60B						•	•
Bromobenzene	ND	1.0	ug/l	1	6061604	06/16/06	06/19/06	EPA 8260B	
Bromochloromethane	ND	1.0	n	n.	U	н	ır	n	
Bromodichloromethane	ND	1.0	Ħ	U	tf	11	ц	n	
Bromoform	ND	1.0	н	tr	0	ti	u	Ħ	
Bromomethane	ND	1.0	п	lf .	19	11	н	·· n	
n-Butylbenzene	ND	1.0	**	ır	lf .	11	н	11	
sec-Butylbenzene	ND	1.0	19	It	11	11	н	0	
tert-Butylbenzene	ND	1.0	11	и	If	0	н	o	
Carbon tetrachloride	ND	0.50	11	R	If	0	h	u	
Chlorobenzene	ND	1.0	17	п	п	tt	11	ti .	•
Chloroethane	ND	1.0	10	и	п	11	11	tr	
Chloroform	ND	1.0	11		н	17	*1	t t	
Chloromethane	ND	1.0	17	и	н	ır	и .	tt .	
2-Chlorotoluene	ND	1.0	It		п	If	0	H	
4-Chlorotoluene	ND	1.0	17	н	11	ц	0 .	п	
Dibromochloromethane	ND	1.0	11	#1	tı	п	11	н	
1,2-Dibromo-3-chloropropane	ND	1.0	11	п	11	ıt	17	н	
1,2-Dibromoethane (EDB)	ND	1.0	11	11	†I	н		п	
Dibromomethane	ND	1.0	11	n	11	п	17	п	
1,2-Dichlorobenzene	ND	1.0	11	**	71	ıı	17	n	
1,3-Dichlorobenzene	ND	1.0	11	#1	Ħ	"	17	н	
1,4-Dichlorobenzene	ND	1.0	11	11	11	н	lf .	п	
Dichlorodifluoromethane	ND	0.50	11	n	11	н	lt.		
I,1-Dichloroethane	ND	1.0	11	11	n	п	I†	н	
1,2-Dichloroethane	ND	0.50	11	11	11	и	11	н	
1,1-Dichloroethene	ND	1.0	11	11	Ħ	н			
cis-1,2-Dichloroethene	ND	1.0	11	11	u	п	ti .	п	
trans-1,2-Dichloroethene	ND	1.0	1f	11	11	и	19	п	
1,2-Dichloropropane	ND	1.0	11	n	11	ш	17		,
1,3-Dichloropropane	ND	1.0	11	11	11	"	ıı	н	
2,2-Dichloropropane	ND	1.0	11	0	U	11	It	, .	
1,1-Dichloropropene	ND ND	1.0	"	U	U	11	н	*1	
cis-1,3-Dichloropropene	ND ND	0.50	*1	U	0	11			

SunStar Laboratories, Inc.

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701 N. Parkcenter Drive Santa Ana CA, 92705 Project: Mission Valley Rock

Project Number: EM25009A Project Manager: Paul McCarter Reported: 06/23/06 10:01

MW-1 T600810-17 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		SunStar La	borato	ries, Inc.					•
Volatile Organic Compounds by I	EPA Method 8260	В							
trans-1,3-Dichloropropene	ND	0.50	ug/l	1	6061604	06/16/06	06/19/06	EPA 8260B	
Hexachlorobutadiene	ND	1.0	**	n	Ħ	И	0.	ıt	
Isopropylbenzene	ND	1.0	11	11	Ħ	I†	0	н	
p-Isopropyltoluene	ND	1.0	11	11	н	tt '	0	n	
Methylene chloride	ND	1.0	1t	Ħ	И	H	u	I†	
Naphthalene	ND	1.0	11	11	н	ır	Ħ	n .	
n-Propylbenzene	ND	1.0	11	"	И	tt.	Ħ	ŧŧ	
Styrene	ND	1.0	11	н	н	t†	n	v .	
1,1,2,2-Tetrachloroethane	ND	1.0	17		"	tt	11	U	
1,1,1,2-Tetrachloroethane	ND	1.0	16	н	И	0	ti	17	
Tetrachloroethene	ND	1.0	D		н	U	11	n	
1,2,3-Trichlorobenzene	ND	1.0	17	п	R	U	п	v	
1,2,4-Trichlorobenzene	ND	1.0	It	и	н	0	11	11	
1,1,2-Trichloroethane	ND	1.0	17	н	К	O.	н	0	
1,1,1-Trichloroethane	ND	1.0	11	п	п	U	11	0	
Trichloroethene	, ND	1.0	17	п	н	U	я	0	
Trichlorofluoromethane	ND	1.0	10	P	II.	v	II .	11	
1,2,3-Trichloropropane	ND	1.0	19		17	и.	н	" .	
1,3,5-Trimethylbenzene	ND	1.0	19	If	I†	u	H	11	,
1,2,4-Trimethylbenzene	ND	1.0	19	I†	l†	11	н	11	
Vinyl chloride	ND	0.50	19	IF	R	u	п	ti	
Benzene	ND	0.50	H	lt .	lt.	9	н	tı	
Toluene	ND	0.50	н	I†	17	**	и	0	
Ethylbenzene	ND	0.50	19	"	II.	u	н	0	
m,p-Xylene	ND	1.0	ti	IP	R	U	н	" .	
o-Xylene	ND	0.50	н	tt	tt.	9	н	11	
Tert-amyl methyl ether	ND	2.0	н	0	0	11	н	tt	
Tert-butyl alcohol	ND	10	41	U	O	n	И	n .	
Di-isopropyl ether	ND	2.0	"	"	u	"	If	н	,
Ethyl tert-butyl ether	ND	2.0	18	11	0	н	If	n	
Methyl tert-butyl ether	ND	1.0	11	#1	ø	п	tt.	н	
Surrogate: Toluene-d8		122 %	88.8	3-123	"	"	n	n .	
Surrogate: 4-Bromofluorobenzene		118 %		i-119	"	"	. "	"	
Surrogate: Dibromofluoromethane		147 %		-150	"	"	"	n	
~									

SunStar Laboratories, Inc.

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701 N. Parkcenter Drive Santa Ana CA, 92705 Project: Mission Valley Rock

Project Number: EM25009A Project Manager: Paul McCarter

Reported: 06/23/06 10:01

MW-2D T600810-18 (Water)

EPA 8015	SunStar La	aborator	dos Inc					
	m		ies, inc.					
ND								
	50	ug/l	1	6061603	06/16/06	06/20/06	EPA 8015m	
	104 %	65-	135	"	"	n	и	
y 8015								
ND	0.050	mg/l	1	6061602	06/16/06	06/22/06	EPA 8015m	
	102 %		125	"	"	"	"	
Aethod 826	0B							
ND	1.0	ug/l	1	6061604	06/16/06	06/19/06	EPA 8260B	
ND	1.0	"	"	11	11	#	H	
ND	1.0	*1	9	11	и .	If	н .	
		U	U	0	н	It.	п	. ,
ND	1.0	Ħ	U	U	н	ıŧ	п	
ND	1.0	н	0	U	и	11	п	
		n	t i	0	11	IF	h	
		H	lt .	l†	9	н	†I	
ND		18	И	IF	U	н	9	
		16	н	R	9	н	11	
ND		10	R	It	0	"	9	
ND		17	н	и	0	71	11	
		11	н	ц	u	11	0	
		10	н	· н ·	11	. 9	tr	
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		91	tı	()	н	ıı	n	
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		11	†I	0	н	I†	п	
		91	11	0	н	IP.	н	
		•1	u u	0	11	It	п	
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			U	U	11	н	, ,	
		tı	**	17	9	n	11	
		н		I†		и	11	
	Method 826 ND ND ND ND ND ND ND ND ND N	ND 0.050 102 %	ND	ND	ND	ND	NID	ND

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The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Pro

Project: Mission Valley Rock

701 N. Parkcenter Drive Santa Ana CA, 92705 Project Number: EM25009A Project Manager: Paul McCarter Reported: 06/23/06 10:01

MW-2D T600810-18 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		SunStar La	borato	ries, Inc.					
Volatile Organic Compounds by E	PA Method 8260	В							
trans-1,3-Dichloropropene	ND	0.50	ug/l	1	6061604	06/16/06	06/19/06	EPA 8260B .	
Hexachlorobutadiene	ND	1.0	11	H	n	if .	U	P .	
Isopropylbenzene	ND	1.0	11	11	н	If	0	It.	
p-Isopropyltoluene	ND	1.0	11	11	11	н .	0	n	
Methylene chloride	ND	1.0	11	п	11	R	0	H	
Naphthalene	ND	1.0	41	Ħ	fl	п	tt.	И	
n-Propylbenzene	ND	1.0	11	11	11	ц	tt .	и	
Styrene	ND	1.0	11	11	†I	ц	tt	и	
1,1,2,2-Tetrachloroethane	ND	1.0	**	11	11	u	I†	И	
1,1,1,2-Tetrachloroethane	ND	1.0	11	0	τı	п	If	И	
Tetrachloroethene	ND	1.0	11	9	11	н	t!	и .	
1,2,3-Trichlorobenzene	ND	1.0	*11	11	ti .	п	17	н	
1,2,4-Trichlorobenzene	ND	1.0	11	11	Ħ	и	If	II .	
1,1,2-Trichloroethane	ND	1.0	11	#1	11	II	11	и	
1,1,1-Trichloroethane	ND	1.0	11	11	11	и	Ŋ	и	
Trichloroethene	ND	1.0	17	11	n	н	U	п	
Trichlorofluoromethane	ND	1.0	11	11	11	н	17	н	
1,2,3-Trichloropropane	ND	1.0	11	11	11	ц	0	и	
1,3,5-Trimethylbenzene	ND	1.0	IP	и	н	R	U	н	
1,2,4-Trimethylbenzene	ND	1.0	17	11	и	If	0	If .	
Vinyl chloride	ND	0.50	11	н	11	н	U	H,	
Benzene	ND	0.50	17	11	11	И	0	н	
Toluene	ND	0.50	11	71	11	и	ı	н	
Ethylbenzene	ND	0.50	11	*1	11	н	U	н	
m,p-Xylene	ND	1.0	11	11	Ħ	. 11	0	и .	
o-Xylene	ND	0.50	11	n	ti	и	I†	Ц	
Tert-amyl methyl ether	ND	2.0	11	11	0	h	17	п	
Tert-butyl alcohol	ND	10	11	11	11	ji .	l†	п	
Di-isopropyl ether	ND	2.0	11	71	11	II .	lt .	п	
Ethyl tert-butyl ether	ND	2.0	11	п	11	н	11	и	
Methyl tert-butyl ether	36	1.0	11	11	*1	n	n	n .	,
Surrogate: Toluene-d8		102 %	88.8	2-117	"	"	"	n	·
Surrogate: 4-Bromofluorobenzene		102 %		-119	"	"	"	u	
Surrogate: Dibromofluoromethane		109 %		-136	"	"	n	"	
		=							

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701 N. Parkcenter Drive Santa Ana CA, 92705 Project: Mission Valley Rock

Project Number: EM25009A Project Manager: Paul McCarter Reported: 06/23/06 10:01

MW-2M T600810-19 (Water)

- Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Note
		SunStar La	aborato	ries, Inc.					
Purgeable Petroleum Hydrocarbo									
C6-C12 (GRO)	130	50	ug/l	1	6061603	06/16/06	06/20/06	EPA 8015m	
Surrogate: 4-Bromofluorobenzene		102 %	65-	135	"	"	n	n	
Extractable Petroleum Hydrocart	ons by 8015								
Diesel Range Hydrocarbons	ND	0.050	mg/l	1	6061602	06/16/06	06/22/06	EPA 8015m	•
Surrogate: Chrysene		95.2 %	75-	125	"	"	"	"	
Volatile Organic Compounds by I	EPA Method 826	0B							
Bromobenzene	ND	1.0	ug/l	1	6061604	06/16/06	06/19/06	EPA 8260B	
Bromochloromethane	ND	1.0	"		"	"	11	"	
Bromodichloromethane	ND	1.0	11	н	н	t)	11	I†	
Bromoform	ND	1.0	II.	н	ц	tt.	fi	I†	
Bromomethane	ND	1.0	17		ц	0	#1	u	
n-Butylbenzene	ND	1.0	10	н	и	U	**	0	
sec-Butylbenzene	1.8	1.0	10	H	и	и	71		
tert-Butylbenzene	ND	1.0	11	If	и	0	11	n	
Carbon tetrachloride	ND	0.50	н	R	It	u	11	u	
Chlorobenzene	ND	1.0	11	ff.	и	U	11	0	
Chloroethane	ND	1.0	11	*	"	U	11	11	
Chloroform	ND	1.0	н	tf.	ıt	0	11	U	
Chloromethane	ND	1.0	н	17	lt .	9	и	u	
2-Chlorotoluene	ND	1.0	Ħ	H	II.	u	и	u	
4-Chlorotoluene	ND	1.0	н	er	ıt	u	11	0	
Dibromochloromethane	ND	1.0	н	*	10	0	11	11	
1,2-Dibromo-3-chloropropane	ND	1.0	**		ır	U	*1		
1,2-Dibromoethane (EDB)	ND	1.0	10	и	u	0	71	0 -	
Dibromomethane	ND	1.0	Ħ	P	и	ų	ti	0	
1,2-Dichlorobenzene	ND	1.0	11	If	II	U	71	e e	
1,3-Dichlorobenzene	ND	1.0	10	н	и	I†	11	11	
1,4-Dichlorobenzene	ND	1.0	17	п	ц	t†	0	r ·	
Dichlorodifluoromethane	ND	0.50	11	п	п	Iţ	0	m	
1,1-Dichloroethane	ND	1.0	11	п	и	If	9	ŧŧ	
1,2-Dichloroethane	ND	0.50	19	н	и	17	11	tt .	
1,1-Dichloroethene	ND	1.0	11	It	и	17	u	11	
cis-1,2-Dichloroethene	ND	1.0	10	и	ıı	17	0		
trans-1,2-Dichloroethene	ND	1.0	19	и	и	If	U	lt.	
1,2-Dichloropropane	ND	1.0	н	P	И	tt.	u	II .	
1,3-Dichloropropane	ND	1.0	н	ıŧ	и	D	ø	tt	
2,2-Dichloropropane	ND	1.0	н	1+	н	**	"	11	
1,1-Dichloropropene	ND	1.0	n	#	и	n	0	II .	
cis-1,3-Dichloropropene	ND	0.50	11	II.	II		v	lt .	

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701 N. Parkcenter Drive Santa Ana CA, 92705 Project: Mission Valley Rock

Project Number: EM25009A Project Manager: Paul McCarter Reported: 06/23/06 10:01

MW-2M T600810-19 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Note
		SunStar La	borato	ries, Inc.					
Volatile Organic Compounds by EPA	Method 826	0B							
trans-1,3-Dichloropropene	ND	0.50	ug/l	1	6061604	06/16/06	06/19/06	EPA 8260B	
Hexachlorobutadiene	ND	1.0	#1	11	n	н	n	п	
Isopropylbenzene	2.1	1.0	•	11	0	tı	I†	и	
p-Isopropyltoluene	ND	1.0	H	0	0	и .	11	II	
Methylene chloride	ND	1.0	н	D	0	и .	II	н	
Naphthalene	ND	1.0	11	I†	lt .	71	ц	п	. ,
n-Propylbenzene	3.7	1.0	11	п	Ц	И	п	0	
Styrene	ND	1.0	11	ı	Ц	e e	11	0	
1,1,2,2-Tetrachloroethane	ND	1.0	17	H	н	lt*	U	II.	
1,1,1,2-Tetrachloroethane	ND	1.0	11	н	H	и	0	н	
Tetrachloroethene	ND	1.0	11	11	tl	п	lt .	ü	
1,2,3-Trichlorobenzene	ND	1.0	u	11	ti .	п	If	Д	
1,2,4-Trichlorobenzene	ND	. 1.0	11	11	0	н	Iţ	И	
1,1,2-Trichloroethane	ND	1.0	†1	0	U	н	и	н	
1,1,1-Trichloroethane	ND	1.0	н	0	U	*1	и	*1	
Trichloroethene	ND	1.0	н	ij	ø	11	ц	n	•
Trichlorofluoromethane	ND	1.0	**	it.	It	0	п	0	
1,2,3-Trichloropropane	ND	1.0	H	n	It	0	п	0	
1,3,5-Trimethylbenzene	ND	1.0	11	It	и	U	n	U	
1,2,4-Trimethylbenzene	ND	1.0	11	и	И	r	11	u	
Vinyl chloride	ND	0.50	D	н	11	It	v	If	
Benzene	ND	0.50	17	п	11	It	0	B	
Toluene	ND	0.50	17	11	11	и	17	R	
Ethylbenzene	ND	0.50	11	n	11	Ц	IP .	н	
m,p-Xylene	ND	1.0	•	O	u	п	It	п -	
o-Xylene	ND	0.50	11	U	0	n	Ц	п	•
Tert-amyl methyl ether	ND	2.0	H	17	n	n	II .	n	
Tert-butyl alcohol	ND	10	**	ut.	It	0	п	0	
Di-isopropyl ether	ND	2.0	19	lf.	ır	U	11	o o	
Ethyl tert-butyl ether	ND	2.0	19	н	и	u	11	ų	
Methyl tert-butyl ether	ND	1.0	10	н	И	if .	9	Ħ	
Surrogate: Toluene-d8		102 %	88.8	-117	"	"	"	п	
Surrogate: 4-Bromofluorobenzene		104 %	83.5	-119	"	"	"	"	
Surrogate: Dibromofluoromethane		108 %	81.1	-136	"	"	"	"	

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Project: Mission Valley Rock

701 N. Parkcenter Drive Santa Ana CA, 92705 Project Number: EM25009A Project Manager: Paul McCarter Reported: 06/23/06 10:01

MW-2S T600810-20 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Note
		SunStar La	aborator	ies, Inc.				•	
Purgeable Petroleum Hydrocarbo	ons by EPA 8015								
C6-C12 (GRO)	ND	50	ug/l	1	6061603	06/16/06	06/20/06	EPA 8015m	
Surrogate: 4-Bromofluorobenzene		93.2 %	65-	135	"	, <i>n</i>	"	"	
Extractable Petroleum Hydrocark	bons by 8015								
Diesel Range Hydrocarbons	8.7	0.050	mg/l	1	6061602	06/16/06	06/22/06	EPA 8015m	
Surrogate: Chrysene		114 %	75-	125	"	"	n	"	
Volatile Organic Compounds by I	EPA Method 826	0B							
Bromobenzene	ND	1.0	ug/l	I	6061604	06/16/06	06/19/06	EPA 8260B	<u>-</u>
Bromochloromethane	ND	1.0	н	D	0	fl	и	n	•
Bromodichloromethane	ND	1.0		ır	17	ti	и	11	
Bromoform	ND	1.0	10	If	IT	U	н	U	
Bromomethane	ND	1.0		И	16	U	†I	0	
n-Butylbenzene	ND	1.0	11	и	н	U	*1	(†	
sec-Butylbenzene	ND	1.0		ıı	н	11	11	4	
tert-Butylbenzene	ND	1.0	ır	11	Ħ	if	U	"	
Carbon tetrachloride	ND	0.50	111	н	п	If	U	ц	
Chlorobenzene	ND	1.0	18	н	11	н	0	п	
Chloroethane	ND	1.0	11	11	11	It	0.	н	
Chloroform	ND	1.0	11	11	11	It	U	ц	
Chloromethane	ND	1.0	11	71	11	н	U	ц	•
2-Chlorotoluene	ND	1.0	11	11	ti	н	It	п	
4-Chlorotoluene	ND	1.0	9	v	0	н	R	н	
Dibromochloromethane	ND	1.0	11	0	U	н	ıt	11	
1,2-Dibromo-3-chloropropane	ND	1.0	es	ų	0	†I	н	п	
1,2-Dibromoethane (EDB)	ND	1.0	н	n.	tr	n	п	n .	
Dibromomethane	ND	1.0	n	II.	I+	0	п	0	
1,2-Dichlorobenzene	ND	1.0	11	ır	11*	U	н	u	
1,3-Dichlorobenzene	ND	1.0	17	ц	И	17	*1	ti .	
1,4-Dichlorobenzene	ND	1.0	17	и	и	tt.	**	U	•
Dichlorodifluoromethane	ND	0.50	11	н	ш	I†	9	tt.	•
1,1-Dichloroethane	ND	1.0	D	ш	н	It.	9	t7	
1,2-Dichloroethane	ND	0.50	18	п	н	п	U	и	
1,1-Dichloroethene	ND	1.0	11	11	11	н	U	н	
cis-1,2-Dichloroethene	ND	1.0	11	*1	11	н	"	II .	
trans-1,2-Dichloroethene	ND	1.0	11	ţI	n	н	If	п	
1,2-Dichloropropane	ND	1.0	11	71	11	n	R	н	
1,3-Dichloropropane	ND	1.0	11	11	u	11	н	н	
2,2-Dichloropropane	ND	1.0	**	u	0	†1		71	
1,1-Dichloropropene	ND	1.0	41	0	U	u	н	†I	
cis-1,3-Dichloropropene	ND	0.50	U	U	11	U	11	U	•

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Project: Mission Valley Rock

701 N. Parkcenter Drive Santa Ana CA, 92705 Project Number: EM25009A Project Manager: Paul McCarter Reported: 06/23/06 10:01

MW-2S T600810-20 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Note
		SunStar La	iborato	ies, Inc.					
Volatile Organic Compounds by 1	EPA Method 8260	В							
rans-1,3-Dichloropropene	ND	0.50	ug/l	1	6061604	06/16/06	06/19/06	EPA 8260B	
Hexachlorobutadiene	ND	1.0	н	u,	u	71	н	n	
Isopropylbenzene	ND	1.0	"	II .	"	*1	ıı	Ħ	•
p-Isopropyltoluene	ND	1.0	11	"	11	**	u	Ħ	
Methylene chloride	ND	1.0	11	ır	н	(1	н	11	
Naphthalene	ND	1.0	It	н	н	U	ti	u	
n-Propylbenzene	ND	1.0	It	н	п	tt.	(1	0	
Styrene	ND	1.0	r	н	н	II.	11	0	
1,1,2,2-Tetrachloroethane	ND	1.0	11	n n	н	it .	U	If	
1,1,1,2-Tetrachloroethane	ND	1.0	11	11	11	И	o	н	
Tetrachloroethene	ND	1.0	11		11	II	lt.	н	
1,2,3-Trichlorobenzene	ND	1.0	11	9	Ħ	п	It	н	
1,2,4-Trichlorobenzene	ND	1.0	"	U	11	н	и	11	
1,1,2-Trichloroethane	ND	1.0	n	U	. 0	11	и	11	
1,1,1-Trichloroethane	ND	1.0	ti	U	u	†I	И	11	
richloroethene	ND	1.0	н	tt.	17	*1	И	u	
Crichlorofluoromethane	ND	1.0	н	l†	It*	0	и	0	
1,2,3-Trichloropropane	ND	1.0	11	"	I†	0	H	ų	
1,3,5-Trimethylbenzene	ND	1.0	**	If	IT	U	11	U	
1,2,4-Trimethylbenzene	ND	1.0	11	If	It	U	11	u	
Vinyl chloride	ND	0.50	11	P	И	0	11	U	
Benzene	ND	0.50	n .		н	19	n	III	
Γoluene	ND	0.50	D	н	и	11	9	n	•
Ethylbenzene	ND	0.50	17	п	и	IT	u	tt .	
n,p-Xylene	ND	1.0	It.	п	Д	tt .	v	" -	
o-Xylene	ND	0.50	11	п	II.	tt .	0	14	
Fert-amyl methyl ether	ND	2.0	11	н	H	m .	0	It	
Fert-butyl alcohol	ND	10	n.	71	11	И	It .	И	
Di-isopropyl ether	ND	2.0	11	п	11)1	It	п	
Ethyl tert-butyl ether	ND	2.0	11	11	n	п	и	И	
Methyl tert-butyl ether	22	1.0	11	11	Ø	0	и)I	
Surrogate: Toluene-d8		102 %	88.8	-117	"	"	и	"	
Surrogate: 4-Bromofluorobenzene		102 %	83.5		"	n	"	"	•
Surrogate: Dibromofluoromethane		108 %	81.1		11	n	#	tr	

SunStar Laboratories, Inc.

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Project: Mission Valley Rock

Project Number: EM25009A Project Manager: Paul McCarter Reported: 06/23/06 10:01

MW-3 T600810-21 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Note
		SunStar La	aborato	ries, Inc.					
Purgeable Petroleum Hydrocarbo	ns by EPA 8015	m							
C6-C12 (GRO)	ND	50	ug/l	1	6061603	06/16/06	06/20/06	EPA 8015m	1
Surrogate: 4-Bromofluorobenzene		109 %	65-	-135	"	"	"	0	
Extractable Petroleum Hydrocarl	ons by 8015								
Diesel Range Hydrocarbons	ND	0.050	mg/I	1	6061602	06/16/06	06/22/06	EPA 8015m	
Surrogate: Chrysene		106 %		125	"	"	n	"	
Volatile Organic Compounds by I	EPA Method 826	0B							
Bromobenzene	ND	1.0	ug/l	1	6061604	06/16/06	06/19/06	EPA 8260B	
Bromochloromethane	ND	1.0	11	11	"	"	11	"	
Bromodichloromethane	ND	1.0	11	н	н	0	11	o	
Bromoform	ND	1.0	11		п	0	**	II.	
Bromomethane	ND	1.0	11	п	ц	tt	ti	ų	
n-Butylbenzene	ND	1.0	Iŧ	н	п	I†	0		
sec-Butylbenzene	ND	1.0	11	н	п		**	r	
tert-Butylbenzene	ND	1.0	11	11	н	п	11	н	
Carbon tetrachloride	ND	0.50	11	71	*1	н	11	, ,	
Chlorobenzene	ND	1.0	11	11	11	н	11	и	
Chloroethane	ND	1.0	11	11	0	п	I†	"	
Chloroform	ND	1.0	11	*1	11	H	17	н	
Chloromethane	ND	1.0	*1	**	0	н	R	н	
2-Chlorotoluene	ND	1.0	11	U	0	11	н	н	
4-Chlorotoluene	ND	1.0	п	0	0	11	п	п	
Dibromochloromethane	ND	1.0	"	U	0	TI	R	n	
1,2-Dibromo-3-chloropropane	ND	1.0	tı	u	U	11	и	11	
1,2-Dibromoethane (EDB)	ND	1.0	H	ı+	It	ų	н		
Dibromomethane	ND	1.0	н	lf .	17	ti	н		
1,2-Dichlorobenzene	ND	1.0	н	11	lt.	9	п	9	
1,3-Dichlorobenzene	ND	1.0	f9	It.	11	0	"	9	
1,4-Dichlorobenzene	ND	1.0	11	н	It	U	**	U	
Dichlorodifluoromethane	ND	0.50		н	н	e	11	e	
1,1-Dichloroethane	ND	1.0	#	н	н	lt.	0	H	
1,2-Dichloroethane	ND	0.50	n	п	н	m	u	tt.	
1.1-Dichloroethene	ND	1.0		п	н	If .	u	tt.	
cis-1,2-Dichloroethene	ND	1.0	11	н	11	п	0	н	
trans-1,2-Dichloroethene	ND	1.0	IP	11	h	п	Đ.	и	
1,2-Dichloropropane	ND	1.0	11	"	11	н	I)	н .	
1,3-Dichloropropane	ND	1.0	11	11	†I	н	IT.	п	
2,2-Dichloropropane	ND	1.0	11	11	0	n	If	п •	
1,1-Dichloropropene	ND	1.0	**	0	U	†I	и	11	
cis-1,3-Dichloropropene	ND	0.50	41	ø	u	п	Ц	. 11	

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701 N. Parkcenter Drive Santa Ana CA, 92705 Project: Mission Valley Rock

Project Number: EM25009A Project Manager: Paul McCarter Reported: 06/23/06 10:01

MW-3 T600810-21 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Note
		SunStar La	borato	ies, Inc.					
Volatile Organic Compounds by E	PA Method 8260	B							
trans-1,3-Dichloropropene	ND	0.50	ug/l	1	6061604	06/16/06	06/19/06	EPA 8260B	
Hexachlorobutadiene	ND	1.0	н	If	ų	†I	п	†1	•
Isopropylbenzene	ND	1.0	()	"	11	11	H	11	
p-Isopropyltoluene	ND	1.0	10	n	11	9	н	ri .	
Methylene chloride	ND	1.0	11	II	Ц	0	11	U	
Naphthalene	ND	1.0	10	п	н	0	11	0	
n-Propylbenzene	ND	1.0	lt.	H	n	U	11	U	
Styrene .	ND	1.0	11	и	н	u	11	U	
1,1,2,2-Tetrachloroethane	ND	1.0	11	"	н	t†	u	tt .	
1,1,1,2-Tetrachloroethane	ND	1.0	11	11	11	I†	0	If	
Tetrachloroethene	ND	1.0	11	11	Ħ	II	lt .	и .	
1,2,3-Trichlorobenzene	ND	1.0	*11	†1	11	П	U	н	•
1,2,4-Trichlorobenzene	ND	1.0	**	11	tI	н	11	H	
1,1,2-Trichloroethane	ND	1.0	n	U	U	н	и	11	
1,1,1-Trichloroethane	ND	1.0	n	0	U	†I	и	†I	
Trichloroethene	ND	1.0	11	I †	IT	U	11	n	
Trichlorofluoromethane	ND	1.0	11	R	I†	0	*1	U	
1,2,3-Trichloropropane	ND	1.0		H	It	D.	"	D.	
1,3,5-Trimethylbenzene	ND	1.0	10	If	It.	U	11	U	
1,2,4-Trimethylbenzene	ND	1.0	17	Д	н	If	0	ır	
Vinyl chloride	ND	0.50	It	и	н	H	U	и .	
Benzene	ND	0.50	D	h	п	ц	ıı	и	•
Toluene	ND	0.50	11	н	11	ц	e	II .	
Ethylbenzene	ND	0.50	11	71	Ħ	и	It	II	
m,p-Xylene	ND	1.0	11	Ħ	**	и	Iţ	и .	
o-Xylene	ND	0.50	11	11	11	II	It	н	
Tert-amyl methyl ether	ND	2.0	11	9	u	и :	и	11	
Tert-butyl alcohol	ND	10	*11	11	0	п	И	н	
Di-isopropyl ether	ND	2.0	*1	u	U	*1	и	н	
Ethyl tert-butyl ether	ND	2.0	*1	0	U	11	И	11	
Methyl tert-butyl ether	100	1.0	Ħ	17	n	17	ц	т ,	
Surrogate: Toluene-d8		104 %	88.8	-117	"		"		·
Surrogate: 4-Bromofluorobenzene		104%	83.5		,,	,,	"	"	
Surrogate: Dibromofluoromethane		112%	81.1		"	"	"	"	

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701 N. Parkcenter Drive Santa Ana CA, 92705 Project: Mission Valley Rock

Project Number: EM25009A Project Manager: Paul McCarter Reported: 06/23/06 10:01

MW-5S T600810-22 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		SunStar La	aborato	ries, Inc.	· · ·				
Purgeable Petroleum Hydrocarbo	ns by EPA 8015	m							
C6-C12 (GRO)	ND	50	ug/l	1	6061603	06/16/06	06/20/06	EPA 8015m	
Surrogate: 4-Bromofluorobenzene		101 %	65-	135	"	"	"	#	
Extractable Petroleum Hydrocarl	ons by 8015								
Diesel Range Hydrocarbons	ND	0.050	mg/l	1	6061602	06/16/06	06/22/06	EPA 8015m	
Surrogate: Chrysene	•	101 %		125	"	"	п п	"	
Volatile Organic Compounds by I	EPA Method 826	OR							
Bromobenzene	ND	1.0	ug/l	1	6061604	06/16/06	06/19/06	EPA 8260B	-
Bromochloromethane	ND	1.0	u _E , i	1	11	00/10/00	00/19/00 II	EFA 8200B	
Bromodichloromethane	ND	1.0	II.	п	н	U	'n	U	
Bromoform	ND	1.0	11		Д	tt .	п	u	
Bromomethane	ND	1.0	11	"	п	lf.	11	11	
n-Butylbenzene	ND	1.0	11	**	11	н	0	и	
sec-Butylbenzene	ND	1.0	+1	0	0	п	lt .	II .	
tert-Butylbenzene	ND	1.0	н	U	0	н	lt .	и	
Carbon tetrachloride	ND	0.50	н	U	0	Ħ	R	n	
Chlorobenzene	ND	1.0	н	U	0	fi	н	n	
Chloroethane	ND	1.0	н	11		u	н	41	
Chloroform	ND	1.0	11	II	H	U	11	U	
Chloromethane	ND	1.0	11	п	н	17	ţi.	17	
2-Chlorotoluene	ND	1.0	l#	h	II	lt .	U	lf .	
4-Chlorotoluene	ND	1.0	17	н	n	Ц	0	н	
Dibromochloromethane	ND	1.0	11	71	11	II	tr	п	
1,2-Dibromo-3-chloropropane	ND	1.0	11	"	ti	н	lt .	н	
1,2-Dibromoethane (EDB)	ND	1.0	11	n	ti	И	It	н .	
Dibromomethane	ND	1.0	а	0	u	Ħ	II	11	
1,2-Dichlorobenzene	ND	1.0	11	0	U	11	It	11	
1,3-Dichlorobenzene	ND	1.0	н	U	0	#	н	*1	
1,4-Dichlorobenzene	ND	1.0	н	"	n	ti	ц	71	
Dichlorodifluoromethane	ND	0.50	н	U	17	ti	н	n	
1,1-Dichloroethane	ND	1.0	M	II .	It*	U	н	u u	
1,2-Dichloroethane	ND	0.50	н	II .	It	0	11	9	
1,1-Dichloroethene	ND	1.0	rı	It	It	U	11	U	
cis-1,2-Dichloroethene	ND	1.0	19	и	It	tt .	11	U	
trans-1,2-Dichloroethene	ND	1.0	н	It	п	ıı	n	U	
1,2-Dichloropropane	ND	1.0	10	п	и	III	0	It	
1,3-Dichloropropane	ND	1.0	10	n n)I	It	u	ır	
2,2-Dichloropropane	ND	1.0	IF	н	71	II .	tr.	H	
1,I-Dichloropropene	ND	1.0	11	"	*1	h	l)	п	
cis-1,3-Dichloropropene	ND	0.50	11	11	u	п	t†		

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701 N. Parkcenter Drive Santa Ana CA, 92705 Project: Mission Valley Rock

Project Number: EM25009A Project Manager: Paul McCarter Reported: 06/23/06 10:01

MW-5S T600810-22 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		SunStar La	aborator	ries, Inc.					
Volatile Organic Compounds by E	PA Method 8260	В							
trans-1,3-Dichloropropene	ND	0.50	ug/l	1	6061604	06/16/06	06/19/06	EPA 8260B	,
Hexachlorobutadiene	ND	1.0	н	U	0	H	If	H	
Isopropylbenzene	ND	1.0	н	"	0	И	И	n	
p-Isopropyltoluene	ND	1.0	н	"	U	n '	It	11	
Methylene chloride	ND	1.0	H	tt	U	†1	И	11	
Naphthalene	ND	1.0	н	H	11	71	п	†I	
n-Propylbenzene	ND	1.0	н	Ħ	D	11	п	п	
Styrene	ND	1.0	n	O	0	н	If	11	
1,1,2,2-Tetrachloroethane	ND	1.0	н	tt	0	н	И	n	
1,1,1,2-Tetrachloroethane	ND	1.0	Ħ	ıı	u	11	н	11	
Tetrachloroethene	ND	1.0	н	0	0	11	ıı	" ,	•
1,2,3-Trichlorobenzene	ND	1.0	н	n	0	11	If)ı	
1,2,4-Trichlorobenzene	ND	1.0	н	17	l1	11	н	н	
1,1,2-Trichloroethane	ND	1.0	н	17	17	11	ıı	11	
1,1,1-Trichloroethane	ND	1.0	н	If	it .	ti	н	11	
Trichloroethene	ND	1.0	н	it.	lt .	11	н	. "	
Trichlorofluoromethane	ND	1.0	н	P	I†	u	ш	ø	
1,2,3-Trichloropropane	ND	1.0	19	If	I†	0	11	11	
1,3,5-Trimethylbenzene	ND	1.0	10	H	If	U	н	0	
1,2,4-Trimethylbenzene	ND	1.0	н	**	l†	U	н	0	
Vinyl chloride	ND	0.50	n	r	II.	U	ш	0	•
Benzene	ND	0.50	н	If	If	0	п	u	
Toluene	ND	0.50	н	11	И	0	11	u	
Ethylbenzene	ND	0.50	н	11	If	0	11	0	
m,p-Xylene	ND	1.0	H	ıt	IIT	u	н	9 -	
o-Xylene	ND	0.50	н	e	tt.	0	11	u.	
Tert-amyl methyl ether	ND	2.0	Ħ	tt	u	9	н	u.	
Tert-butyl alcohol	ND	10	Ħ	ıı	ti.	11	н	9	
Di-isopropyl ether	ND	2.0	**	U	u	11		11	
Ethyl tert-butyl ether	ND	2.0	•1	0	0	ti	п	11	
Methyl tert-butyl ether	ND	1.0	93	ø	0	11	и	"	•
Surrogate: Toluene-d8		102 %	88.8	-117	"	rr	"	"	
Surrogate: 4-Bromofluorobenzene		102 %	83.5	-119	"	"	"	"	
Surrogate: Dibromofluoromethane		108 %	81.1	-136	"	"	n	"	

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Project: Mission Valley Rock

701 N. Parkcenter Drive Santa Ana CA, 92705 Project Number: EM25009A Project Manager: Paul McCarter Reported: 06/23/06 10:01

MW-5D T600810-23 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Note
		SunStar La	aborato	ries, Inc.					
Purgeable Petroleum Hydrocarbo	ns by EPA 8015								
C6-C12 (GRO)	ND	50	ug/l	11	6061603	06/16/06	06/20/06	EPA 8015m	
Surrogate: 4-Bromofluorobenzene		95.0 %	65-	135	"	"	"	<i>n</i>	
Extractable Petroleum Hydrocarb	ons by 8015								
Diesel Range Hydrocarbons	ND	0.050	mg/l	1	6061602	06/16/06	06/22/06	EPA 8015m	
Surrogate: Chrysene		91.2 %	75-	125	"	"	"	"	
Volatile Organic Compounds by E	EPA Method 826	0B							
Bromobenzene	ND	1.0	ug/l	1	6061604	06/16/06	06/19/06	EPA 8260B	
Bromochloromethane	ND	1.0	"	п	н	U	tı	17	
Bromodichloromethane	ND	1.0	It	н	Д	lt	ø	tt	
Bromoform	ND	1.0	17	II	п	t!	11	tt	
Bromomethane	ND	1.0	18	И	н	0	9	17	
n-Butylbenzene	ND	1.0	10		ц	19	11	U	
sec-Butylbenzene	ND	1.0	10	п	и	U	**	tt	
tert-Butylbenzene	ND	1.0	17	и	H	e	9	U	
Carbon tetrachloride	ND	0.50	17	н	н	0	n	U	
Chlorobenzene	ND	1.0	10	н	н	0	n	υ .	
Chloroethane	ND	1.0	10	п	ц	u	11	0	
Chloroform	ND	1.0	II.	п	п	U	11	U	
Chloromethane	ND	1.0	11	и	и	U	**	u	
2-Chlorotoluene	ND	1.0	10	н	И	o	11	0	
4-Chlorotoluene	ND	1.0	17	n n	п	U	11	u	
Dibromochloromethane	ND	1.0	10	It.	н	0	ti	u	
1,2-Dibromo-3-chloropropane	ND	1.0	11	If	н	ij	11	0	
1,2-Dibromoethane (EDB)	ND	1.0		IF	н	U	п		
Dibromomethane	ND	1.0	10	If	II	0	ti	t!	
1,2-Dichlorobenzene	ND	1.0	19	u	И	0	11	0 -	
1,3-Dichlorobenzene	ND	1.0	ti	IF	ц	U	11	0	
1,4-Dichlorobenzene	ND	1.0		n	11	U	#1	0	
Dichlorodifluoromethane	ND	0.50	н	t7	IT	U	н	ø	
1,1-Dichloroethane	ND	1.0	н	tt	if	0	я	U	
1,2-Dichloroethane	ND	0.50	Ħ	tt	l†	9	11	0	
1,1-Dichloroethene	ND	1.0	•	U	l†	11	н	9	
cis-1,2-Dichloroethene	ND	1.0	*1	u	U	71	ıı	*1	
trans-1,2-Dichloroethene	ND	1.0	11	9	o o	н	н	п	
1,2-Dichloropropane	ND	1.0	11	11	n	п	P	Д	
1,3-Dichloropropane	ND	1.0	17	11	n	н	I†	п '	•
2,2-Dichloropropane	ND	1.0	17	"	11		11	н	
1,1-Dichloropropene	ND	1.0	18	н	**	н	17	п	
cis-1,3-Dichloropropene	ND	0.50	11		11	п	H	н	

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John J. Lat.

701 N. Parkcenter Drive Santa Ana CA, 92705 Project: Mission Valley Rock

Project Number: EM25009A Project Manager: Paul McCarter Reported: 06/23/06 10:01

MW-5D T600810-23 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		SunStar La	iborato	ries, Inc.					
Volatile Organic Compounds by I	EPA Method 8260	В							
trans-1,3-Dichloropropene	ND	0.50	ug/l	1	6061604	06/16/06	06/19/06	EPA 8260B	
Hexachlorobutadiene	ND	1.0	11	и	If	9	71	11	
Isopropylbenzene	ND	1.0	11	н	И	U	11	0	
p-Isopropyltoluene	ND	1.0	IP	н	Ц	η	9	tt	
Methylene chloride	ND	1.0	11	и	H	t†	U		
Naphthalene	ND	1.0	11	И	н	l†	0	n	
n-Propylbenzene	ND	1.0	11	Ħ	h	R	U	II .	
Styrene	ND	1.0	11	11	н	н	"	II .	
1,1,2,2-Tetrachloroethane	ND	1.0	11	11	†I	н	17	и	
1,1,1,2-Tetrachloroethane	ND	1.0	11	11	11	п	19	И	
Tetrachloroethene	ND	1.0	11	9	11	п	IP .	И	
1,2,3-Trichlorobenzene	ND	1.0	91	9	n	н	IF	п	
1,2,4-Trichlorobenzene	ND	1.0	"	U	0	†1	н	11	
1,1,2-Trichloroethane	ND	1.0	"	U	U	71	н	11	
1,1,1-Trichloroethane	ND	1.0	**	0	U	н	н	n .	
Trichloroethene	ND	1.0	ti	0	0	Ħ	II	11	
Trichlorofluoromethane	ND	1.0	n	u	U	11	н	11	
1,2,3-Trichloropropane	ND	1.0	M	17	17 ,	†I	н	**	
1,3,5-Trimethylbenzene	ND	1.0	H	t†	IT	Ħ	11	9	
1,2,4-Trimethylbenzene	ND	1.0	n	n	UT.	11	11	0	
Vinyl chloride	ND	0.50	H	0	it.	11	н	11	
Benzene.	ND	0.50	н	t!	n	ti	п	11	
Toluene	ND	0.50	n	tt	tt	11	н	TI .	
Ethylbenzene	ND	0.50	†1	0	U	71	п	11	
m,p-Xylene	ND	1.0	**	ų	0	11	и	и .	
o-Xylene	ND	0.50	Ħ	U	17	*1	И	Ħ	•
Tert-amyl methyl ether	ND	2.0	н	0	ŧ	71	п	11	
Tert-butyl alcohol	ND	10	"	ų	0	11	и	11	
Di-isopropyl ether	ND	2.0	*1	0	U	11	п	н	
Ethyl tert-butyl ether	ND	2.0	11	9	0	Ħ	II	н	
Methyl tert-butyl ether	5.0	1.0	41	U	0	0	н	я	
Surrogate: Toluene-d8		105 %	88.8	-117	"	n	"	"	
Surrogate: 4-Bromofluorobenzene		103 %		-119	"	"	"	"	
Surrogate: Dibromofluoromethane		109 %		-136	n	"	n	"	
* *									

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Project: Mission Valley Rock

701 N. Parkcenter Drive Santa Ana CA, 92705 Project Number: EM25009A Project Manager: Paul McCarter Reported: 06/23/06 10:01

MW-4S T600810-24 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method		Note
		SunStar La	aborato	ries, Inc.						
Purgeable Petroleum Hydrocarbo	ns by EPA 8015	m								
C6-C12 (GRO)	ND	50	ug/l	1	6061603	06/16/06	06/20/06	EPA 8015m		
Surrogate: 4-Bromofluorobenzene		108 %	65-	135	"	"	"	"		
Extractable Petroleum Hydrocark	ons by 8015									
Diesel Range Hydrocarbons	ND	0.050	mg/l	1	6061602	06/16/06	06/22/06	EPA 8015m		
Surrogate: Chrysene		113 %		125	"	n n	"	"		
Volatile Organic Compounds by I	EPA Method 826	ior								
Bromobenzene	ND	1.0	ug/l	1	6061604	06/16/06	06/19/06	EPA 8260B		
Bromochloromethane	ND	1.0	"	11	n	1)	#1	(1		,
Bromodichloromethane	ND	1.0	H	U	n	17	11	U		
Bromoform	ND	1.0	. н	U	11	It	9	U		
Bromomethane	ND	1.0	н	U	ti	I+	f1	0		
n-Butylbenzene	ND	1.0	19	U	*1	11		0		
sec-Butylbenzene	ND	1.0	19	U	11	н	U			
tert-Butylbenzene	ND	1.0	o	u ·	0	н	0	19		
Carbon tetrachloride	ND	0.50	0	tr	0	и	0	It		
Chlorobenzene	ND	1.0	11	l†	0	н	D	I†		
Chloroethane	ND	1.0	11	17	11	и	tt	16		
Chloroform	ND	1.0	11	tt.	U	п	11	н		
Chloromethane	ND	1.0	tt.	it	U	п	lt .	н		
2-Chlorotoluene	ND	1.0	19	u	0	н	P	п		
4-Chlorotoluene	ND	1.0	19	n	0	н	17	н		
Dibromochloromethane	ND	1.0	**	U	u	11	lt	16		
1,2-Dibromo-3-chloropropane	ND	1.0	n	0	- 0	н .	II.	If		
1,2-Dibromoethane (EDB)	ND	1.0	н	0	0	и	u ,	It	-	
Dibromomethane	ND	1.0	11	U	0	н	0	If		
1,2-Dichlorobenzene	ND	1.0	**	0	11	ш	0	tt.		
1,3-Dichlorobenzene	ND	1.0	**	ø	ti	п	U	tr		
1,4-Dichlorobenzene	ND	1.0	**	U	. 0	н	U	11		
Dichlorodifluoromethane	ND	0.50	U	ti	*1	н	ø	tt		
1,1-Dichloroethane	ND	1.0	ŧı.	Ħ	11	н	ŧi	U		
1,2-Dichloroethane	ND	0.50	41	Ħ	**	н	Ħ	U		
1,1-Dichloroethene	ND	1.0	••	11	11	H	9	U		
cis-1,2-Dichloroethene	ND	1.0	•1	*1	11	н	11	0		
trans-1,2-Dichloroethene	ND	1.0	11	ţI	11	ut	11	U		
1,2-Dichloropropane	ND	1.0	11	11	п	If	11	11		
1,3-Dichloropropane	ND	1.0	11	н	п	11	11	9		
2,2-Dichloropropane	ND	1.0	41.	11	11	If	0	"		
1,1-Dichloropropene	ND	1.0	*1	11	71	н	v	U	•	
cis-1,3-Dichloropropene	ND	0.50	11	11	71	И	0	tr		

SunStar Laboratories, Inc.

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701 N. Parkcenter Drive Santa Ana CA, 92705 Project: Mission Valley Rock

Project Number: EM25009A Project Manager: Paul McCarter

Reported: 06/23/06 10:01

MW-4S T600810-24 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Note
		SunStar La	aborato	ries, Inc.					
Volatile Organic Compounds by I	EPA Method 8260	В							
trans-1,3-Dichloropropene	ND	0.50	ug/l	1	6061604	06/16/06	06/19/06	EPA 8260B	
Hexachlorobutadiene	ND	1.0	11	11	11	0	11	ti	
Isopropylbenzene	ND	1.0	11	11	Д	0	11	0	
p-Isopropyltoluene	ND	1.0	11	11	n	0 '	n	u	
Methylene chloride	ND	1.0	*1	11	п	11	#1	11	•
Na p hthalene	ND	1.0	41	11	11	l†	ti	U	
n-Propylbenzene	ND	1.0	II .	11	11	It .	ti	U	
Styrene	ND	1.0	H	U	11	It	11	u	
1,1,2,2-Tetrachloroethane	ND	1.0	H	0	1)	If	U	17	
1,1,1,2-Tetrachloroethane	ND	1.0	н	U	11	If	0	U	
Tetrachloroethene	ND	1.0	n	0	11	н	U	U	
1,2,3-Trichlorobenzene	ND	1.0	н	tr.	0	н	U	I†	
1,2,4-Trichlorobenzene	ND	1.0	17	It .	U	II	0	. "	
1,1,2-Trichloroethane	ND	1.0	17	ıt	11	п	I†	и	
1,1,1-Trichloroethane	ND	1.0	It	И	tt .	ti	It	u	•
Trichloroethene	ND	1.0	D	Ц	lt .	11	If	и	
Trichlorofluoromethane	ND	1.0	D	II	tr.	ti .	. 11	II .	
1,2,3-Trichloropropane	ND	1.0	11	II	Ц	11	И	11	
1,3,5-Trimethylbenzene	ND	1.0	11	И	H	u)I	'n	
1,2,4-Trimethylbenzene	ND	1.0	11	п	II	U	н	и	
Vinyl chloride	ND	0.50	0	и	н	U	ļi	ท	
Benzene	ND	0.50	11	И	н	0	н	*1	
Toluene	ND	0.50	11	11	ji .	U	*1	71	
Ethylbenzene	ND	0.50	11	11	п	11	11	**	
m,p-Xylene	ND	1.0	11	11	И	0	11	0	. •
o-Xylene	ND	0.50	11	п	ц	0	71	11	
Tert-amyl methyl ether	ND	2.0	11	"	п	U	11	u	
Tert-butyl alcohol	ND	10	11	н	п	U	11	0	
Di-isopropyl ether	ND	2.0	It	н	n	U	и	11	
Ethyl tert-butyl ether	ND	2.0	11	ц	и	U	п	11	
Methyl tert-butyl ether	ND	1.0	D	п	н	0	п	И	
Surrogate: Toluene-d8		104 %	88.8	-117	,,	"	"	"	
Surrogate: 4-Bromofluorobenzene		102 %		-119	"	#	"	"	
Surrogate: Dibromofluoromethane		109 %		-136	n	н	"	#	

SunStar Laboratories, Inc.

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Project: Mission Valley Rock

701 N. Parkcenter Drive Santa Ana CA, 92705 Project Number: EM25009A Project Manager: Paul McCarter Reported: 06/23/06 10:01

MW-4D T600810-25 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Note
	*	SunStar La	aborato	ries, Inc.					
Purgeable Petroleum Hydrocarbo									
C6-C12 (GRO)	ND	50	ug/l	1	6061603	06/16/06	06/20/06	EPA 8015m	
Surrogate: 4-Bromofluorobenzene		101 %	65-	-135	"	"	n	n	
Extractable Petroleum Hydrocark	ons by 8015								
Diesel Range Hydrocarbons	ND	0.050	mg/l	1	6061602	06/16/06	06/22/06	EPA 8015m	
Surrogate: Chrysene		93.2 %	75-	-125	"	"	n	"	
Volatile Organic Compounds by E	EPA Method 826	0B							
Bromobenzene	ND	1.0	ug/l	1	6061604	06/16/06	06/19/06	EPA 8260B	
Bromochloromethane	ND	1.0	'n	II.	U	п	t?	If	
Bromodichloromethane	ND	1.0	tt	U	U	II	11	Iţ	
Bromoform	ND	1.0	19	l)	0	н	n	It	•
Bromomethane	ND	1.0	11	17	91	н	t?	H.	
n-Butylbenzene	ND	1.0	**	U	u	п	U	ti.	
sec-Butylbenzene	ND	1.0	*	U	0	н	U	11	
tert-Butylbenzene	ND	1.0	10	ı,	11	ш	tt.	lt .	
Carbon tetrachloride	ND	0.50	17	it.	0	н	If	16	
Chlorobenzene	ND	1.0	11	R	11	11	19	н	
Chloroethane	ND	1.0	10	· R	l†	#1	lf .	н	
Chloroform	ND	1.0	D	п	It	#1	И	и	
Chloromethane	ND	1.0	D	и	lf	†I	If	н	
2-Chlorotoluene	ND	1.0	10	п	17	Ħ	If	· h	•
4-Chlorotoluene	ND	1.0	10	н	11	11	IF	н	
Dibromochloromethane	ND	1.0	10	к	11	71	II.	н	
1,2-Dibromo-3-chloropropane	ND	1.0	D	IF	If	n	и	п	
1,2-Dibromoethane (EDB)	ND	1.0	11	п	It.	н	И	, ii -	
Dibromomethane	ND	1.0	16	н	ıŧ	u	п	п	
1,2-Dichlorobenzene	ND	1.0	19	п	н	n	п	п	
1,3-Dichlorobenzene	ND	1.0	D		17	0	н	п	
1,4-Dichlorobenzene	ND	1.0	10	R	R	u	и	11	
Dichlorodifluoromethane	ND	0.50	10	н	ıŧ	U	н	н	
1,1-Dichloroethane	ND	1.0	H	If	17	11	п	п	•
1,2-Dichloroethane	ND	0.50	10	14	l†	0	п	п	
1,1-Dichloroethene	ND	1.0	н	lt .	17	*1	п	п	
cis-1,2-Dichloroethene	ND	1.0	н	11	D	11	ıt	н	
trans-1,2-Dichloroethene	ND	1.0	н	0	U	11	It	и	
1,2-Dichloropropane	ND	1.0	н	u	0	н	ut.	н	
1,3-Dichloropropane	ND	1.0	н	0	U	п	19	п	
2,2-Dichloropropane	ND	1.0	н	n.	U	11	IT.	н .	
1,1-Dichloropropene	ND	1.0	m	u	0	11	P	ц	
cis-1,3-Dichloropropene	ND	0.50	n	0	17	n	H	и	

SunStar Laboratories, Inc.

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Project: Mission Valley Rock

701 N. Parkcenter Drive Santa Ana CA, 92705 Project Number: EM25009A Project Manager: Paul McCarter Reported: 06/23/06 10:01

MW-4D T600810-25 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		SunStar La	aborato	ries, Inc.					
Volatile Organic Compounds by E	PA Method 8260	В							
trans-1,3-Dichloropropene	ND	0.50	ug/l	1	6061604	06/16/06	06/19/06	EPA 8260B	
Hexachlorobutadiene	ND	1.0	IP	II	и	11	II	и .	
Isopropylbenzene	ND	1.0	11	И	и	11	n n	. "	,
p-Isopropyltoluene	ND	1.0	11	и	II .	U '	Ħ	n	
Methylene chloride	ND	1.0	11	н	Д	U	11	11	
Naphthalene	ND	1.0	•	11	h	If .	n	11	
n-Propylbenzene	ND	1.0	+1	tı	п	II*	Ħ	0	
Styrene	ND	1.0	*1	11	11	I†	*1	U	
1,1,2,2-Tetrachloroethane	ND	1.0	Ħ	11	11	If	U	17	
1,1,1,2-Tetrachloroethane	ND	1.0	**	U	v	II	0	tt	
Tetrachloroethene	ND	1.0	н	t)	0	п	17	lt .	
1,2,3-Trichlorobenzene	ND	1.0	19	17	U	n	IJ	н .	
1,2,4-Trichlorobenzene	ND	1.0	n	I7	ti .	II	17	R	,
1,1,2-Trichloroethane	ND	1.0	17		11	н	11	н	
1,1,1-Trichloroethane	ND	1.0	10	И	it .	TI	и	H	
Trichloroethene	ND	1.0	17	ц	If	TI	и	н	
Trichlorofluoromethane	ND	1.0	17	ı	Ц	0	и	11	
1,2,3-Trichloropropane	ND	1.0	11	п	II .	u .	н	11	
1,3,5-Trimethylbenzene	ND	1.0	*1	11	n	l)	11	n	
1,2,4-Trimethylbenzene	ND	1.0	11	11	н	IT	#1	tt	
Vinyl chloride	ND	0.50	•	71	11	tt .	*11	ŋ	
Benzene	ND	0.50	+1	*1	11	It	ti ti	u .	
Toluene	ND	0.50	41	11	ti	IT	u	0	•
Ethylbenzene	ND	0.50	*11	11	11	и	U	n	
m,p-Xylene	ND	1.0	H	11	11	ц	U		
o-Xylene	ND	0.50	Ħ	0	11	п	e e	If	
Tert-amyl methyl ether	ND	2.0	н	0	11	II	v	It	
Tert-butyl alcohol	ND	10	n	U	ti	н	tr	lt.	
Di-isopropyl ether	ND	2.0	H	11	O O	И	17	It	
Ethyl tert-butyl ether	ND	2.0	н	U	0	И		ц	
Methyl tert-butyl ether	7.8	1.0	н	U	u	11	I†	п	
Surrogate: Toluene-d8	•	104 %	88.8	-117	"	"	"	<i>"</i> .	
Surrogate: 4-Bromofluorobenzene		103 %		-119	"	"	n	u	
Surrogate: Dibromofluoromethane		111%		-136	"	#	n	<i>II</i>	
····		-11/0	01.1						

SunStar Laboratories, Inc.

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Project: Mission Valley Rock

701 N. Parkcenter Drive Santa Ana CA, 92705 Project Number: EM25009A Project Manager: Paul McCarter

Reported: 06/23/06 10:01

MW-8 T600810-26 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Note
		SunStar La	aborato	ries, Inc.					
Purgeable Petroleum Hydrocarbo	ns by EPA 8015								
C6-C12 (GRO)	ND	50	ug/l	1	6061603	06/16/06	06/20/06	EPA 8015m	
Surrogate: 4-Bromofluorobenzene		103 %	65-	-135	"	"	"	"	·
Extractable Petroleum Hydrocarb	ons by 8015								
Diesel Range Hydrocarbons	ND	0.050	mg/l	1	6061602	06/16/06	06/22/06	EPA 8015m	
Surrogate: Chrysene		98.5 %	•	-125	"	"	"	u .	
Volatile Organic Compounds by E	PA Method 826	60B							
Bromobenzene	ND	1.0	ug/l	1	6061604	06/16/06	06/19/06	EPA 8260B	· · · · ·
Bromochloromethane	ND	1.0	11	0	0	н	ti .	IF	
Bromodichloromethane	ND	1.0	10	l)	U	н	l†	и	
Bromoform	ND	1.0	0	If	ti.	н	It	и	
Bromomethane	ND	1.0	D	lf .	0	h	17	и	
n-Butylbenzene	ND	1.0	11	11	11	11	11	и	
sec-Butylbenzene	ND	1.0	D	R	11	11	If	н	
tert-Butylbenzene	ND	1.0	IF	It	if	tı	п	II.	
Carbon tetrachloride	ND	0.50	10	ц	И	11	п	n	
Chlorobenzene	ND	1.0	D	н	It :	9	п	n n	
Chloroethane	ND	1.0	11	п	н	11	н	n .	•
Chloroform	ND	1.0	11	H	n	U	п	*1	
Chloromethane	ND	1.0	11	н	п	U	п	n	
2-Chlorotoluene	ND	1.0	17	н	н	0	п	н	
4-Chlorotoluene	ND	1.0	11	п	П	0	н	n	
Dibromochloromethane	ND	1.0	11	"	n	U	11	11	
1,2-Dibromo-3-chloropropane	ND	1.0	11	11	н	U	п	11	
1,2-Dibromoethane (EDB)	ND	1.0	11	11	, H	n	11	"	
Dibromomethane	ND	1.0	11	11	н	11	11	n	
1,2-Dichlorobenzene	ND	1.0	11	11	н	11	11	11	
1,3-Dichlorobenzene	ND	1.0	41	+1	11	I+	11	u	
1,4-Dichlorobenzene	ND	1,0	91	11	ti	I+	n	U	
Dichlorodifluoromethane	ND	0.50	91	71	†I	И	0	U	
1.1-Dichloroethane	ND	1.0	11	71	11	IF	9	U	
1,2-Dichloroethane	ND	0.50	11	+1	71	II*	11	0	
1,1-Dichloroethene	ND	1.0	11	*1	*1	II.	11	0	
cis-1,2-Dichloroethene	ND	1.0	11	†I	11	10	u	U	
trans-1,2-Dichloroethene	ND ND	1.0	11	11	н	I†	9	U	
1,2-Dichloropropane	ND	1.0	11	н	н	ut.	п	ŋ	
1,3-Dichloropropane	ND ND	1.0	lt.	n	п	19	"	v	
2,2-Dichloropropane	ND ND	1.0	IP.	n	н	17	11		•
1,1-Dichloropropene	ND ND	1.0	18	*1	п	II*	11	v	
cis-1,3-Dichloropropene	ND ND	0.50	11	11	11	11		0	

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701 N. Parkcenter Drive Santa Ana CA, 92705 Project: Mission Valley Rock

Project Number: EM25009A Project Manager: Paul McCarter Reported: 06/23/06 10:01

MW-8 T600810-26 (Water)

Analyte .	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		SunStar La	borato	ries, Inc.				<u>-</u>	
Volatile Organic Compounds by I	EPA Method 8260	В							
trans-1,3-Dichloropropene	ND	0.50	ug/l	1	6061604	06/16/06	06/19/06	EPA 8260B	,
Hexachlorobutadiene	ND	1.0	"	n	н	U	TI .	11	
Isopropylbenzene	ND	1.0	Ħ	9	Ħ	17	11	ų	
p-Isopropyltoluene	ND	1.0	H	0	11		u u	0	
Methylene chloride	ND	1.0	11	17	U	н	ø	I+	
Naphthalene	ND	1.0	10	1*	0	н	e	P	
n-Propylbenzene	ND	1.0	D	IT	l†	11	It	п	
Styrene	ND	1.0	17		. 14	11	н	11	
1,1,2,2-Tetrachloroethane	ND	1.0	18	и	п	u	II	11	
1,1,1,2-Tetrachloroethane	ND	1.0	17	И	н	U	II	11	
Tetrachloroethene	ND	1.0	11	И	н	0	п	11	•
1,2,3-Trichlorobenzene	ND	1.0	11	11	н	0	11	**	
1,2,4-Trichlorobenzene	ND	1.0	11	11	н	tt	*1	u	
1,1,2-Trichloroethane	ND	1.0	"	71	11	11		U	
1,1,1-Trichloroethane	ND	1.0	н	U	*1	н	0	n	
Trichloroethene	ND	1.0	н	0	u	п	ŋ	ır	
Trichlorofluoromethane	ND	1.0	н	II.	0	п	17	II.	
1,2,3-Trichloropropane	ND	1.0	11	"	II.	ji	I†	II .	
1,3,5-Trimethylbenzene	ND	1.0	10	It	0	11	It	и	
1,2,4-Trimethylbenzene	ND	1.0	10	lt.	0	"	I†	и	
Vinyl chloride	ND	0.50	11	P	It	11	It	и	
Benzene	ND	0.50	II.	и	It	n	И	п	
Toluene	ND	0.50	11	и	и	U	ıı	**	
Ethylbenzene	ND	0.50	11	и	н	0	п	11	
m,p-Xylene	ND	1.0	11	и	u	U	И	11 -	
o-Xylene	ND	0.50	11	н	h	II .	н	71	
Tert-amyl methyl ether	ND	2.0	17	11	н	IT.	11	n	
Tert-butyl alcohol	ND	10	**	11	11	#	11	U	
Di-isopropyl ether	ND	2.0	*1	tı	11	If	U	tf.	
Ethyl tert-butyl ether	ND	2.0	*1	n	TI .	Iţ	n	U	
Methyl tert-butyl ether	ND	1.0	•1	11	n	н	0	ti.	•
Surrogate: Toluene-d8		104 %	88.8	-117	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		102 %		-119	"	"	"	n	
Surrogate: Dibromofluoromethane		111%		-136	rr .	"	"	,,	

SunStar Laboratories, Inc.

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Project: Mission Valley Rock

Project Number: EM25009A Project Manager: Paul McCarter Reported: 06/23/06 10:01

Purgeable Petroleum Hydrocarbons by EPA 8015m - Quality Control SunStar Laboratories, Inc.

		Reporting		Spike	Source		%REC		RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch 6061603 - EPA 5030 GC										
Blank (6061603-BLK1)				Prepared	& Analyz	ed: 06/16/	06		·	
Surrogate: 4-Bromofluorobenzene	50.3		ug/l	50.0		101	65-135			
C6-C12 (GRO)	ND	50	**							
Blank (6061603-BLK2)				Prepared:	06/16/06	Analyzed	1: 06/20/06			•
Surrogate: 4-Bromofluorobenzene	49.6	•	ug/I	50.0		99.2	65-135			·
C6-C12 (GRO)	ND	50	*1							
LCS (6061603-BS1)				Prepared:	06/16/06	Analyzed	l: 06/20/06			
Surrogate: 4-Bromofluorobenzene	59.7		ug/I	50.0		119	65-135			
C6-C12 (GRO)	5290	50	U	5500		96,2	75-125			
LCS (6061603-BS2)				Prepared:	06/16/06	Analyzed	l: 06/20/06			
Surrogate: 4-Bromofluorobenzene	55.9		ug/l	50.0		112	65-135			
C6-C12 (GRO)	5840	50	u u	5500		106	75-125			•
Matrix Spike (6061603-MS1)	Sour	ce: T60081	0-03	Prepared:	06/16/06	Analyzed	l: 06/20/06			
Surrogate: 4-Bromofluorobenzene	56.9		ug/l	50.0		114	65-135			
C6-C12 (GRO)	5610	50		5500	99	100	65-135			
Matrix Spike (6061603-MS2)	Sour	ce: T60081	0-22	Prepared:	06/16/06	Analyzed	1: 06/20/06			
Surrogate: 4-Bromofluorobenzene	51.9		ug/l	50.0		104	65-135	•		
C6-C12 (GRO)	5900	50	**	5500	ND	107	65-135			
Matrix Spike Dup (6061603-MSD1)	Sour	ce: T60081	0-03	Prepared:	06/16/06	Analyzed	l: 06/20/06			
Surrogate: 4-Bromofluorobenzene	55.3		ug/l	50.0		III	65-135		-	•
C6-C12 (GRO)	5650	50		5500	99	101	65-135	0.710	20	
Matrix Spike Dup (6061603-MSD2)	Sour	ce: T60081	0-22	Prepared: 06/16/06 Analyzed: 06/20/06						
Surrogate: 4-Bromofluorobenzene	53.3		ug/l	50.0		107	65-135			
C6-C12 (GRO)	5970	50	11	5500	ND	109	65-135	1.18	20	

SunStar Laboratories, Inc.

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Project: Mission Valley Rock

Project Number: EM25009A Project Manager: Paul McCarter Reported: 06/23/06 10:01

Extractable Petroleum Hydrocarbons by 8015 - Quality Control SunStar Laboratories, Inc.

		Reporting		Spike	Source	·	%REC		RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch 6061602 - EPA 3510C GC										
Blank (6061602-BLK1)				Prepared:	06/16/06	Analyzed	: 06/21/06			
Surrogate: Chrysene	4.35		mg/l	4.00		109	75-125			
Diesel Range Hydrocarbons	ND	0.050	u				•			
Blank (6061602-BLK2)				Prepared:	06/16/06	Analyzed	: 06/22/06			
Surrogate: Chrysene	4.19		mg/l	4.00		105	75-125			
Diesel Range Hydrocarbons	ND	0.050	11							•
LCS (6061602-BS1)				Prepared:	06/16/06	Analyzed	: 06/22/06		 .	•
Surrogate: Chrysene	4.16		mg/l	4.00		104	75-125			
Diesel Range Hydrocarbons	19.3	0.050	В	20,0		96.5	75-125			
LCS (6061602-BS2)				Prepared:	06/16/06	Analyzed	: 06/22/06			
Surrogate: Chrysene	4.07		mg/l	4.00		102	75-125			
Diesel Range Hydrocarbons	17.1	0.050	h	20.0		85.5	75-125			
Matrix Spike (6061602-MS1)	Sou	rce: T60081	0-03	Prepared:	06/16/06	Analyzed	: 06/22/06			
Surrogate: Chrysene	4.13		mg/l	4.00		103	75-125			
Diesel Range Hydrocarbons	21.6	0.050	и	20.0	1.1	102	75-125			•
Matrix Spike (6061602-MS2)	Sou	rce: T60081	0-22	Prepared:	06/16/06	Analyzed	: 06/22/06			
Surrogate: Chrysene	3.78		mg/l	4.00		94.5	75-125			
Diesel Range Hydrocarbons	17.9	0.050	*1	20.0	ND	89.5	75-125			
Matrix Spike Dup (6061602-MSD1)	Sou	rce: T60081	0-03	Prepared:	06/16/06	Analyzed	: 06/22/06			
Surrogate: Chrysene	3.95		mg/l	4.00		98.8	75-125		-	
Diesel Range Hydrocarbons	19.9	0.050	†I	20.0	1.1	94.0	75-125	8.19	20	•
Matrix Spike Dup (6061602-MSD2)	Sou	rce: T60081	0-22	Prepared: 06/16/06 Analyzed: 06/22/06						
Surrogate: Chrysene	4.97		mg/l	4.00		124	75-125			
Diesel Range Hydrocarbons	20.7	0.050	0	20.0	ND	104	75-125	14.5	20	

SunStar Laboratories, Inc.

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701 N. Parkcenter Drive Santa Ana CA, 92705 Project: Mission Valley Rock

Project Number: EM25009A Project Manager: Paul McCarter Reported: 06/23/06 10:01

Volatile Organic Compounds by EPA Method 8260B - Quality Control SunStar Laboratories, Inc.

										1
		Reporting		Spike	Source		%REC		RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes

Batch 6061604 - EPA 5030 GCMS	
DII- (COC1 COA DI 171)	_

Blank (6061604-BLK1)	Prepared & Analyzed: 06/16/06								
Surrogate: Toluene-d8	39.8		ug/l	40.0	99.5	88.8-117			
Surrogate: 4-Bromofluorobenzene	40.7		"	40.0	102	83.5-119			
Surrogate: Dibromofluoromethane	43.6		"	40.0	109	<i>81.1-136</i>			
Bromobenzene	ND	1.0	. 0						
Bromochloromethane	ND .	1.0	71						
Bromodichloromethane	ND	1.0	17						
Bromoform	ND	1.0	l†						
Bromomethane	ND	1.0	If			*			
n-Butylbenzene	ND	1.0	II						
sec-Butylbenzene	ND	1.0	II .						
tert-Butylbenzene	ND	1.0	н						
Carbon tetrachloride	ND	0.50	"				•		
Chlorobenzene	ND	1.0	11						
Chloroethane	ND	1.0	ti						
Chloroform	ND	1.0	11						
Chloromethane	ND	1.0	0						
2-Chlorotoluene	ND	1.0	0						
4-Chlorotoluene	ND	1.0	u						
Dibromochloromethane	ND	1.0	н						
1,2-Dibromo-3-chloropropane	ND	1.0	H						
1,2-Dibromoethane (EDB)	ND	1.0	11						
Dibromomethane	ND	1.0	fl						
1,2-Dichlorobenzene	ND	1.0	t!				•		
1,3-Dichlorobenzene	ND	1.0	0						
1,4-Dichlorobenzene	ND	1.0	ti .				•		
Dichlorodifluoromethane	ND	0.50	11						
1,1-Dichloroethane	ND	1.0	11						
1,2-Dichloroethane	ND	0.50	Ħ						
1,1-Dichloroethene	ND	1.0							
cis-1,2-Dichloroethene	ND	1.0	#						
trans-1,2-Dichloroethene	ND	1.0	17						
1,2-Dichloropropane	ND	1.0	11						
1,3-Dichloropropane	ND	1.0	н				•		
2,2-Dichloropropane	ND	1.0	11						
1,1-Dichloropropene	ND	1.0	It						
cis-1,3-Dichloropropene	ND	0.50	If						
trans-1,3-Dichloropropene	ND	0.50	R						
Hexachlorobutadiene	ND	1.0	п				•		
Isopropylbenzene	ND	1.0							
p-Isopropyltoluene	ND	1.0	п						
Methylene chloride	ND ND	1.0	n						

SunStar Laboratories, Inc.

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July Style

Analyte

Project: Mission Valley Rock

Spike

Level

Source

Result

%REC

Project Number: EM25009A Project Manager: Paul McCarter

Units

Reported: 06/23/06 10:01

RPD

Limit

Notes

%REC

Limits

RPD

Volatile Organic Compounds by EPA Method 8260B - Quality Control SunStar Laboratories, Inc.

Reporting

Limit

Result

ND

ND

ND

ND

ND

2.0

10

2.0

2.0

1.0

Blank (6061604-BLK1)				Prepared & Analyzed: 06/16/06	
Naphthalene	ND	1.0	ug/l		
n-Propylbenzene	ND	1.0	н		
Styrene	ND	1.0	н		
1,1,2,2-Tetrachloroethane	ND	1.0	tt		
1,1,1,2-Tetrachloroethane	ND	1.0	"		
Tetrachloroethene	ND	1.0	и		•
1,2,3-Trichlorobenzene	ND	1.0	If	•	•
1,2,4-Trichlorobenzene	ND	1.0	ıı		
1,1,2-Trichloroethane	ND	1.0	п		
1,1,1-Trichloroethane	ND	1.0	п		
Trichloroethene	ND	1.0	ti		
Trichlorofluoromethane	ND	1.0	н		
1,2,3-Trichloropropane	ND	1.0	#1		
1,3,5-Trimethylbenzene	ND	1.0	п		
1,2,4-Trimethylbenzene	ND	1.0	a		
Vinyl chloride	ND	0.50	11		
Benzene	ND	0.50	If	•	,
Toluene	ND	0.50	п		
Ethylbenzene	ND	0.50	ц		
m,p-Xylene	ND	1.0	If		
o-Xylene	ND	0.50	н		

Blank (6061604-BLK2)			Prepared: 06/16/06 Analyzed: 06/19/06						•
Surrogate: Toluene-d8	41.6		ug/l	40.0	104	88.8-117		-	
Surrogate: 4-Bromofluorobenzene	41.5		n	40.0	104	83.5-119			
Surrogate: Dibromofluoromethane	44.3		"	40.0	III	81.1-136			
Bromobenzene	ND	1.0	R						
Bromochloromethane	ND	1.0	U						
Bromodichloromethane	ND	1.0	14						
Bromoform	ND	1.0	I†						
Bromomethane	ND	1.0	l†						
n-Butylbenzene	ND	1.0	D						
sec-Butylbenzene	ND	1.0	17					•	,
tert-Butylbenzene	ND	1.0	P						
Carbon tetrachloride	ND	0.50	R						
Chlorobenzene	ND	1.0	н						

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Tert-amyl methyl ether

Tert-butyl alcohol

Di-isopropyl ether

Ethyl tert-butyl ether

Methyl tert-butyl ether

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Project: Mission Valley Rock

701 N. Parkcenter Drive Santa Ana CA, 92705 Project Number: EM25009A Project Manager: Paul McCarter Reported: 06/23/06 10:01

Volatile Organic Compounds by EPA Method 8260B - Quality Control SunStar Laboratories, Inc.

		Reporting		Spike	Source		%REC		RPD	
Analyte -	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes

Blank (6061604-BLK2)				Prepared: 06/16/06 Analyzed: 06/19/06	
Chloroethane	ND	1.0	ug/l		
Chloroform	ND	1.0	н		
Chloromethane	ND	1.0	ц		
-Chlorotoluene	ND	1.0	п		
-Chlorotoluene	ND	1.0	11		
Dibromochloromethane	ND	1.0	ш		
,2-Dibromo-3-chloropropane	ND	1.0	н		
,2-Dibromoethane (EDB)	ND	1.0		·	
Dibromomethane	ND	1.0	11		
,2-Dichlorobenzene	ND	1,0	0		,
,3-Dichlorobenzene	ND	1.0	l†		
,4-Dichlorobenzene	ND	1.0	R		
Dichlorodifluoromethane	ND	0.50	U		
,1-Dichloroethane	ND	1.0	11		
,2-Dichloroethane	ND	0.50	P		
,1-Dichloroethene	ND	1,0	It		
is-1,2-Dichloroethene	ND	1,0	71		
rans-1,2-Dichloroethene	ND	1.0	+1		
,2-Dichloropropane	ND	1.0	0		
,3-Dichloropropane	ND	1,0	0		
,2-Dichloropropane	ND	1.0	U		•
,1-Dichloropropene	ND	1.0	0		
is-1,3-Dichloropropene	ND	0.50	0		
rans-1,3-Dichloropropene	ND	0.50	u		
Iexachlorobutadiene	ND	1.0	0		•
sopropylbenzene	ND	1.0	tr		
-Isopropyltoluene	ND	1.0	17		
Aethylene chloride	ND	1.0	17		
Japhthalene	ND	1.0	19		
-Propylbenzene	ND ND	1.0	lt.		
tyrene	ND ND	1.0	ı+		
,1,2,2-Tetrachloroethane	ND ND	1.0	tı		•
,1,1,2-Tetrachloroethane	ND ND	1.0	U		
etrachloroethene	ND ND	1.0	10		
,2,3-Trichlorobenzene	ND	1.0	v		
,2,4-Trichlorobenzene	ND ND	1.0	U		
,1,2-Trichloroethane	ND ND	1.0	0		
,1,1-Trichloroethane	ND	1.0	lt.		
richloroethene	ND	1.0	н		
richlorofluoromethane	ND ND	1.0			
,2,3-Trichloropropane	ND ND	1.0	и		

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Project: Mission Valley Rock

Project Number: EM25009A Project Manager: Paul McCarter Reported: 06/23/06 10:01

Volatile Organic Compounds by EPA Method 8260B - Quality Control SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 6061604 - EPA 5030 GCMS										
Blank (6061604-BLK2)				Prepared:	06/16/06	Analyze	1: 06/19/06			
1,3,5-Trimethylbenzene	ND	1.0	ug/l			-				
1,2,4-Trimethylbenzene	ND	1.0	lt.							
Vinyl chloride	ND	0.50	н							
Benzene	ND	0.50	И							
Toluene	ND	0.50	н							
Ethylbenzene	ND	0.50								
m,p-Xylene	ND	1.0								
o-Xylene	ND	0,50	н							
Tert-amyl methyl ether	ND	2.0	н							
Tert-butyl alcohol	ND	10	ц							
Di-isopropyl ether	ND	2.0	II .							
Ethyl tert-butyl ether	ND	2.0	н							
Methyl tert-butyl ether	ND	1.0	п							
LCS (6061604-BS1)				Prepared:	06/16/06	Analyze	d: 06/19/06			•
Surrogate: Toluene-d8	53.3		ug/l	40.0		133	88.8-117			QM-0
Surrogate: 4-Bromofluorobenzene	49.0		n n	40.0		122	83.5-119			QM- 0
Surrogate: Dibromofluoromethane	58.7		"	40.0		147	81.1-136			QM- 0
Chlorobenzene	75.8	1.0	71	100		75,8	75-125			QM-0
1,1-Dichloroethene	181	1.0	и	100		181	75-125			QM-0
Trichloroethene	84.7	1.0	†1	100		84.7	75-125			QM-0
Benzene	90.9	0.50	Ħ	100		90.9	75-125			QM-0
Toluene	102	0.50	11	100		102	75-125			QM-0
LCS (6061604-BS2)				Prepared:	06/16/06	Analyze	1: 06/20/06			
Surrogate: Toluene-d8	41.8		ug/l	40.0		104	88.8-117			
Surrogate: 4-Bromofluorobenzene	40.7		"	40.0		102	83.5-119			
Surrogate: Dibromofluoromethane	45.3		"	40.0		113	81.I-136			
Chlorobenzene	94.6	1.0	11	100		94,6	75-125			
1,1-Dichloroethene	113	1.0	II.	100		113	75-125			
Trichloroethene	98.9	1.0	Ц	100		98.9	75-125			
Benzene	100	0,50	ц	100		100	75-125			
Toluene	97.8	0,50	н	100		97.8	75-125			

SunStar Laboratories, Inc.

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701 N. Parkcenter Drive Santa Ana CA, 92705 Project: Mission Valley Rock

Project Number: EM25009A Project Manager: Paul McCarter Reported: 06/23/06 10:01

Volatile Organic Compounds by EPA Method 8260B - Quality Control SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	· Notes
Batch 6061604 - EPA 5030 GCMS										
Matrix Spike (6061604-MS1)	So	urce: T60081	0-03	Prepared:	06/16/06	Analyze	d: 06/19/06			
Surrogate: Toluene-d8	41.6		ug/l	40.0		104	88.8-117			
Surrogate: 4-Bromofluorobenzene	40.9		"	40.0		102	83:5-119			
Surrogate: Dibromofluoromethane	43.2		"	40.0		108	81.1-136			
Chlorobenzene	82.0	1.0	H	100	ND	82.0	75-125			
1,1-Dichloroethene	87.8	1,0	11	100	ND	87.8	75-125			
Trichloroethene	81.6	1.0	17	100	ND	81.6	75-125			
Benzene	88.4	0.50	II,	100	ND	88.4	75-125			•
Toluene	86.1	0,50	И	100	ND	86.1	75-125			
Matrix Spike (6061604-MS2)	So	urce: T60081	0-22	Prepared:	06/16/06	Analyze	d: 06/20/06			
Surrogate: Toluene-d8	42.4		ug/l	40.0		106	88.8-117			
Surrogate: 4-Bromofluorobenzene	39.8		"	40.0		99.5	83.5-119			
Surrogate: Dibromofluoromethane	46.1		"	40.0		115	81.1-136			
Chlorobenzene	86.6	1.0	**	100	ND	86.6	75-125			
1,1-Dichloroethene	101	1.0	Ц	100	ND	101	75-125			
Trichloroethene	92.0	1.0	0	100	ND	92.0	75-125			
Benzene	94,6	0.50	U	100	ND	94.6	75-125			
Toluene	92.0	0.50	U	100	ND	92.0	75-125			•
Matrix Spike Dup (6061604-MSD1)	So	urce: T60081	0-03	Prepared:	06/16/06	Analyzed	i: 06/19/06			
Surrogate: Toluene-d8	42.0		ug/l	40.0		105	88.8-117			
Surrogate: 4-Bromofluorobenzene	43.3		"	40.0		108	83.5-119			
Surrogate: Dibromofluoromethane	43.5		"	40.0		109	81.1-136			
Chlorobenzene	82.7	1.0	Iŧ	100	ND	82,7	75-125	0.850	20	
1,1-Dichloroethene	86,5	1.0	U	100	ND	86.5	75-125	1.49	20	
Trichloroethene	81.9	1.0	К	100	ND	81.9	75-125	0,367	20	
Benzene	87.0	0.50		100	ND	87.0	75-125	1.60	20	
Toluene	85.7	0.50	н	100	ND	85.7	75-125	0.466	20	. ,

SunStar Laboratories, Inc.

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Project: Mission Valley Rock

Project Number: EM25009A Project Manager: Paul McCarter Reported: 06/23/06 10:01

Volatile Organic Compounds by EPA Method 8260B - Quality Control SunStar Laboratories, Inc.

		Reporting		Spike	Source		%REC		RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes

Batch 6061604 - EPA 5030 GCMS

Matrix Spike Dup (6061604-MSD2)	Source: T600810-22			Prepared:	06/16/06	Analyze	d: 06/20/06			
Surrogate: Toluene-d8	42.1		ug/l	40.0		105	88.8-117			•
Surrogate: 4-Bromofluorobenzene	40.9		"	40.0		102	83.5-119			
Surrogate: Dibromofluoromethane	46.7		"	40.0		117	81.1-136			
Chlorobenzene	88.1	1.0	e	100	ND	88.1	75-125	1.72	20	
1,1-Dichloroethene	98.2	1.0	11	100	ND	98.2	75-125	2.81	20	
Trichloroethene	86,5	1.0	U	100	ND	86.5	75-125	6.16	20	•
Benzene	90.1	0.50	U	100	ND	90.1	75-125	4.87	20	
Toluene	88.2	0.50	U	100	ND	88,2	75-125	4.22	20	

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Project: Mission Valley Rock

701 N. Parkcenter Drive Santa Ana CA, 92705

Project Number: EM25009A

Project Manager: Paul McCarter

Reported: 06/23/06 10:01

Notes and Definitions

QM-08 Spike recovery for LCS/LCSD were outside acceptance limits. Results accepted based on valid recovery of spike in MS and

DET

Analyte DETECTED

ND

Analyte NOT DETECTED at or above the reporting limit

NR

Not Reported

dгу

Sample results reported on a dry weight basis

RPD

Relative Percent Difference

SunStar Laboratories, Inc.

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John Shepler, Laboratory Director

Page 62 of 62