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Alameda County Environmental Health

Second Quarter 2007 Groundwater Monitoring and Sampling Report

Mission Valley Rock Company 7999 Athenour Way Sunol, California

Prepared by: Tait Environmental Management, Inc.

August 3, 2007



August 3, 2007

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 2007

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 2007 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.

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

Lee William

DRAFT Second Quarter 2007 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

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Project No. EM-5009C

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Second Quarter 2007 Groundwater Monitoring and Sampling Report Mission Valley Rock Company Sunol, California

1.0 INTRODUCTION

This report summarizes the Second Quarter 2007 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 2007 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:

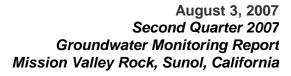
- Groundwater Monitoring & Sampling
- Laboratory Analyses
- Report Preparation
- Non-hazardous Waste Disposal

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-52, MW-6S, 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 wells installed by LFR 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.

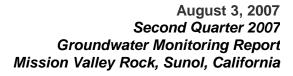
In February 2007, LFR completed a site assessment to more completely characterize the lateral extent of the fuel hydrocarbons in groundwater in the areas north and south of well clusters MW-9 and MW-11, respectively, as well as the vertical extent of fuel hydrocarbons at deeper intervals than those currently screened in wells MW-9LF and MW-11LF (LFR, 2007). In its Site Assessment Report, dated April 10, 2007, LFR concluded, with subsequent ACEHS concurrence, that the lateral and vertical extent of the contamination in the groundwater has been sufficiently characterized in the area of the asphalt plant and that further investigation in this area is not necessary. The ACEH also concurred with LFR's recommendation of a pilot test for proposed air sparging as the primary remedial alternative. Additional data from that investigation was included in the First Quarter 2007 Groundwater Monitoring Report, and the contours present in this report reflect that data.

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 in the area west of the gravel road 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). This clay layer was not observed east of this area. 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 and current groundwater analytical results 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 2007 groundwater monitoring data, the overall depth to groundwater at the site ranged from 3.70 feet bgs in well MW-9S to 8.94 feet bgs in well MW-9LF. In general, groundwater levels have declined an average of 1.65 feet in the wells relative to the First Quarter 2007 monitoring event.

Groundwater in the shallow-zone wells in the southern part of the site is generally flowing in a southeasterly direction at an approximate gradient of 0.010 foot/foot (ft/ft). In other areas of the site, this direction appears to be affected by a groundwater mound in the area of well MW-10S in the eastern part of the site (Figure 3). In the eastern part of the site, shallow-zone groundwater is flowing in a southerly direction away from the mound at a gradient of approximately 0.042 ft/ft.

Groundwater in the deep-zone wells is flowing in an east-southeasterly direction at a gradient of approximately 0.013 ft/ft (Figure 4).

Groundwater in the Livermore Formation is flowing in a northerly direction toward a groundwater depression in the vicinity of MW-9LF at a gradient ranging from 0.033 ft/ft in the southwest to 0.020 ft/ft in the eastern part of the site.

Vertical groundwater gradients have increased from the First Quarter 2007 to the Second Quarter 2007 in several of the well clusters, most notably in clusters MW-9 and MW-10.

The flow direction in the shallow-zone and deep-zone flow regimes is opposite to the regional 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, as well as increased amount of precipitation during the First Quarter 2007. Groundwater flow in the Livermore Formation during the Second Quarter 2007 appears to more accurately reflect the regional groundwater flow regime.

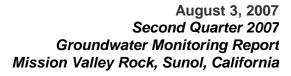
5.0 GROUNDWATER MONITORING WELL PURGING AND SAMPLING

On June 11, 2007, 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 2007 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 11, 12, and 13, 2007, the groundwater monitoring wells were sampled using a twostage 12-volt pump as part of the Second Quarter 2007 groundwater monitoring and sampling event. The two-stage pump is a plastic submersible pump that connects to a 12-Volt battery.

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New dedicated ½-inch PVC tubing was used for each well. The two-stage pump was cleaned/scrubbed and allowed to run several minutes in an Alconox cleaning solution in between each well. The pump was then rinsed and allowed to run several minutes in fresh water. Then de-ionized water was poured over and through the pump several times for the final rinse and allowed to air dry. The pump was placed into the well approximately in the middle of the screened interval.

Equipment blank samples (EQUIP 1, EQUIP2, and EQUIP 3) were collected following the final three-stage decontamination process of the pump (described above) following the last sample collected for the day. Equipment blank samples were collected following decontamination by running de-ionized water through the pump and collecting the water in 40-milliliter VOA vials.

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 188 gallons of purged groundwater were pumped into four steel 55-gallon drums during the sampling event. Groundwater samples were either collected from the discharge end of the pump at low-flow levels or sampled using disposable bailers 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 02, 2007. The Certificate of Disposal is contained in Appendix C.

6.0 LABORATORY ANALYSES

The groundwater and equipment blank samples collected during the Second Quarter 2007 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; for benzene, toluene, ethylbenzene, total xylenes (BTEX); and 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) using EPA Method No. 8260B.

Contoured dissolved-phase TPHg concentrations in the shallow zone, deep zone, and Livermore Formation zone are presented in Figures 6, 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.



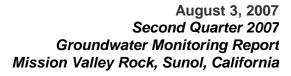
7.0 SUMMARY OF ACTIVITIES AND FINDINGS

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 have declined an average of 1.65 feet this quarter relative to the corresponding First Quarter 2007 groundwater levels. The groundwater flow direction for the shallow zone and deep zone is generally east-southeasterly to southerly at gradients ranging from 0.010 ft/ft to 0.042 ft/ft. The Livermore Formation zone was flowing in a northerly direction at a gradient ranging from 0.020 ft/ft to 0.033 ft/ft during the Second Quarter 2007.
- The mounding effect at well MW-10s cannot be adequately explained by any specific mechanism and may be a combination of factors including excavation and pumping operations related to aggregate extraction and/or the increased amount of precipitation during the First Quarter of 2007.
- Twenty-six groundwater samples were collected by TEM from the monitoring wells at the site, and they were delivered to SunStar for analysis.
- A maximum TPHd concentration of 23,000 micrograms per liter (μg/L) was detected in well MW-7D. Highest TPHd concentrations appear to be localized in deep-zone wells in the southern part of the area at well MW-11D and in the vicinity ofwells MW-7D and MW-9D in the north.
- A maximum TPHg concentration of 100,000 μg/L was detected in well MW-7D. Highest concentrations of TPHg appear to be localized in the deep-zone wells in the north-central part of the area, particularly in the vicinity of wells MW-7D and MW-9D, and in the vicinity of well MW-11D in the south-central part of the area (Figure 7).
- A maximum MTBE concentration of 110 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 (Figures 9, 10, and 11). MTBE is notably absent in well clusters MW-7 and MW-9 in the northern part of the area.
- A maximum benzene concentration of 1,600 µg/L was detected in well MW-9D. Benzene tends to be localized in the deep-zone wells in the northern part of the area in the vicinity of wells MW-7D and MW-9D, although some lower level impacts were noted in well MW-11D (Figure 13).
- Concentration trends of toluene, ethylbenzene, and total xylenes are similar to those of benzene.
- MTBE, Tert-amyl methyl ether (TAME) & Tert-butyl alcohol (TBA) were the only fuel oxygenates detected above their respective reporting limits during the Second Quarter 2007 groundwater monitoring event.

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- 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 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. Fluctuating groundwater conditions, as evidenced by the Second Quarter 2007 shallow-zone gradient and the northerly directed gradient in the Livermore Formation, may have occurred at the site in the past, resulting in variable migration pathways for the fuel hydrocarbons in the groundwater.
- With some exceptions overall fuel hydrocarbon concentrations generally tended to be somewhat lower relative to the First Quarter of 2007 trends. Both TPHd and TPHg concentrations in well MW-7D showed significant increases relative to the First Quarter 2007 levels. TPHd and TPHg concentrations in well MW-9D were significantly higher and lower, respectively, than their corresponding concentrations in the First Quarter 2007. This trend is reversed in well MW-11D.
- The concentrations of hydrocarbons in groundwater indicate that the deep zone is the most impacted zone at the site.

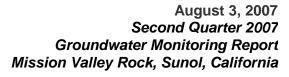
8.0 QUALITY ASSURANCE/QUALITY CONTROL

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.

Analysis of equipment blank samples demonstrated the presence of petroleum hydrocarbons in the following concentrations of $\mu g/L$:

- <u>EQUIP 1</u>: TPHg (59), TBA (17) sampled following wells MW-4S, 4D, 5S, 7S, 8,11LF, 12S, 12D, 12LF.
- EQUIP 2: TBA (15) sampled following wells MW-5D, 3, 10S, 2D, 2M, 9S, 6S, 10LF, 1, 9LF, 2s, 11S, 10D.





EQUIP 3: TPHg (830), TPHd (380), etyhylbenzene (1.0), xylenes (2.86), toluene (0.55)
 sampled following wells MW-11D, 6D, 9D, and 7D.

EQUIP 3 was sampled following decontamination of the pump, which in turn, followed the sampling of the most impacted wells at the site. Special care was taken to decontaminate the pump; however, it is believed that the plastic parts within the pump are difficult to decontaminate effectively after being exposed to high concentrations of hydrocarbons. The low levels of TBA and TPHg in EQUIP 1 and EQUIP 2 are close to their respective reporting limits, and based on the results of the wells sampled prior to collection of these samples, the TBA in the equipment blanks cannot be adequately explained.

Comparison of analytical data with results from previous monitoring events does not appear to show any significant deviations. Nevertheless, based on the equipment blank sample results, TEM has decided to move forward with a low-flow purging method using a peristaltic pump and dedicated and/or new tubing (quarterly basis) for each of the wells for all forthcoming quarterly monitoring and sampling events.

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. R00000207*, Mission Valley Rock and Asphalt, 7999 Anthenour Way, CA.

LFR, Inc., April 10, 2007, Site Assessment Report of Additional Lateral and Vertical Characterization and Plan for Interim Remediation at the Asphalt Plant, Hanson Aggregates Mission Valley Rock Facility, 7999 Athenour Way, Sunol, Alameda County, California.

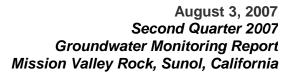
Tait Environmental Management, July 28, 2000, Second Quarter Report, June 2000, Mission Valley Rock Company, 7999 Athenour Way, Sunol, California 94586.

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.

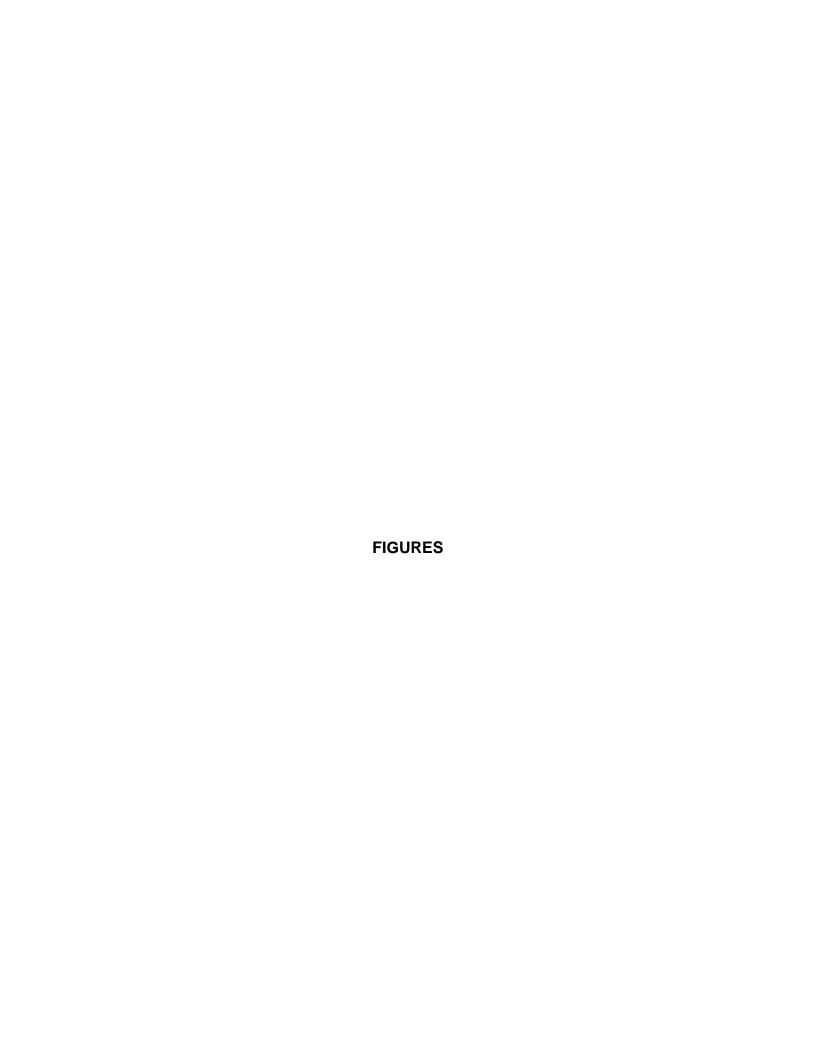
10.0 LIMITATIONS

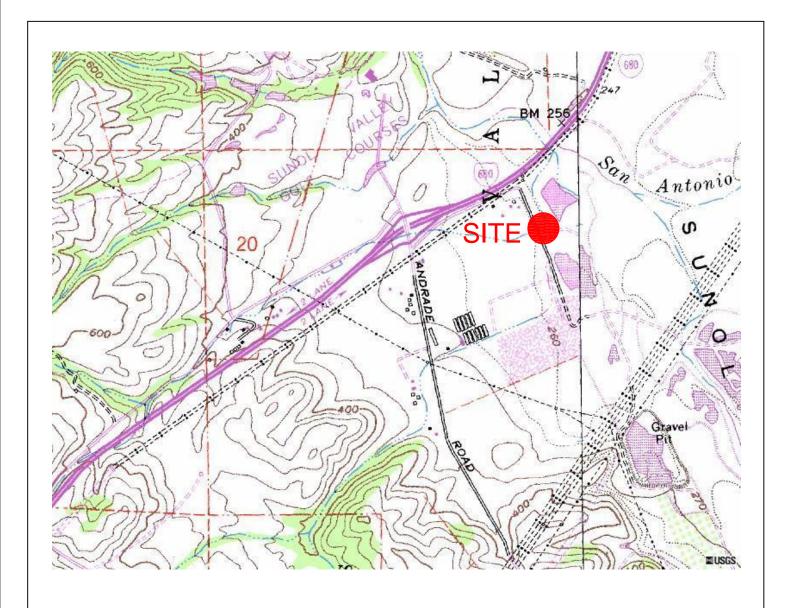
No investigation is considered thorough enough to exclude the presence of hazardous materials at a given site. Opinions and/or recommendations presented apply to site conditions existing at the time of the performance of services and TEM is unable to report on or accurately





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.











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

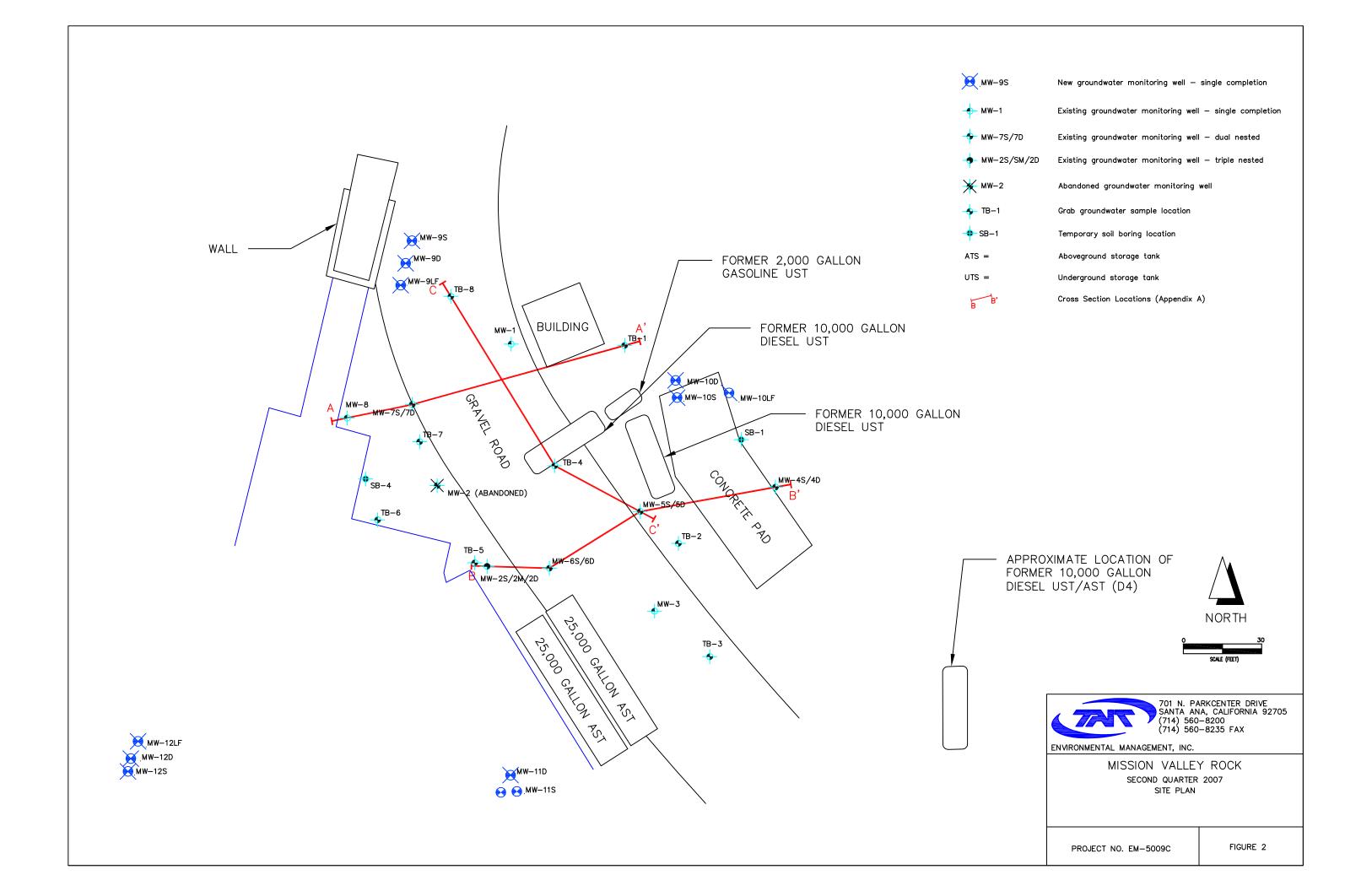


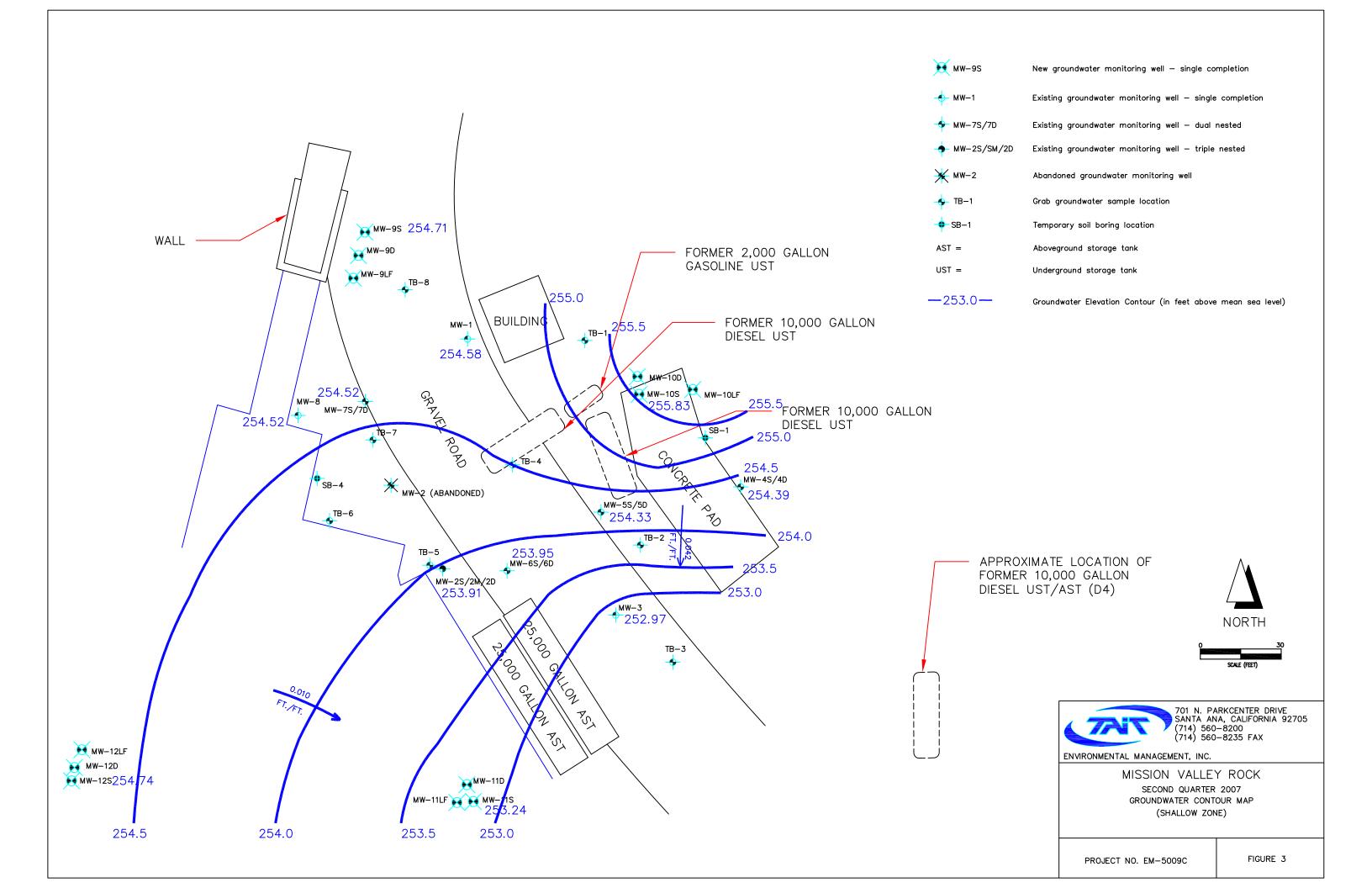
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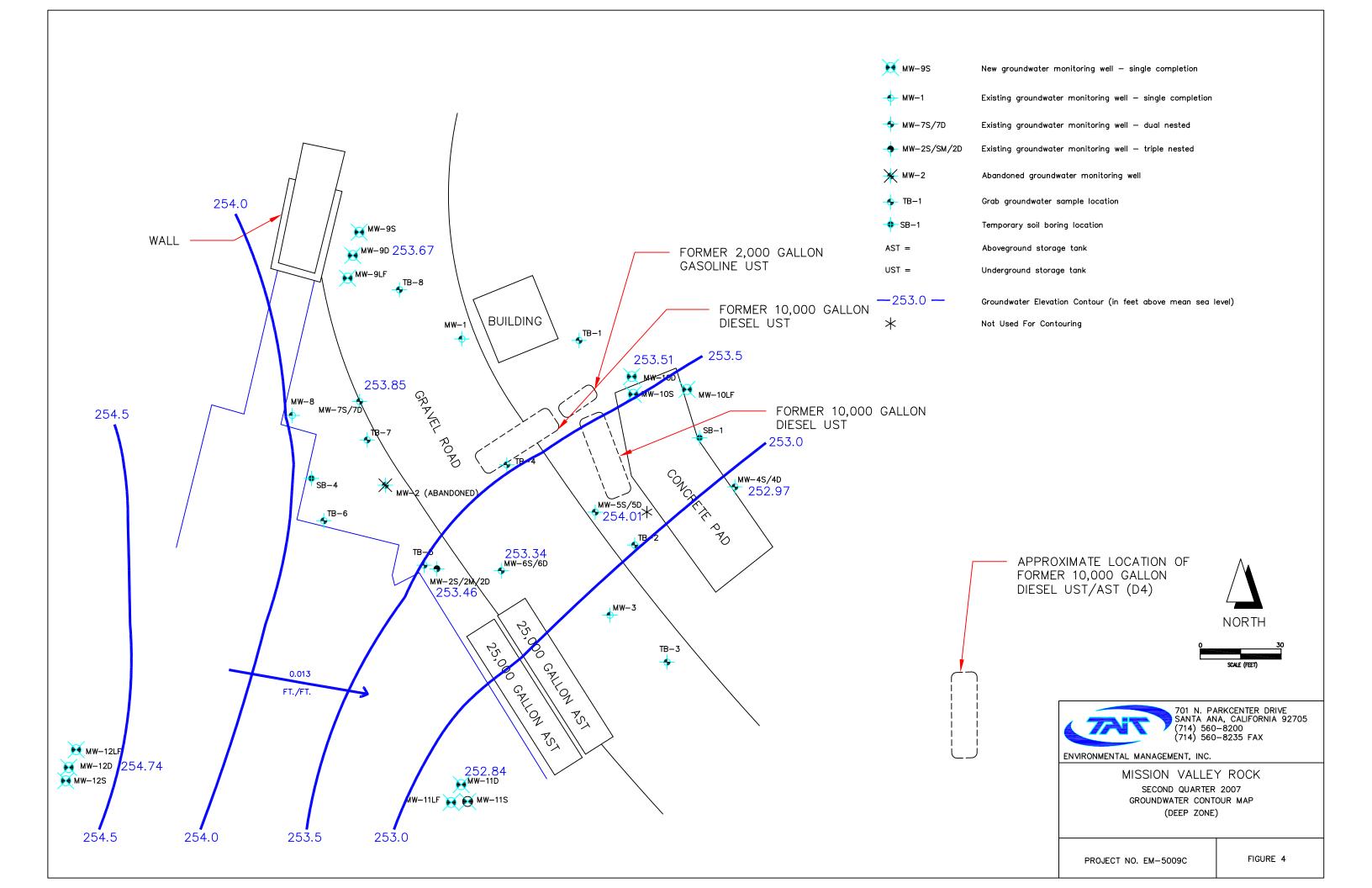
SITE VICINITY MAP MISSION VALLEY ROCK CO. 7999 ATHENOUR WAY SUNOL, CALIFORNIA

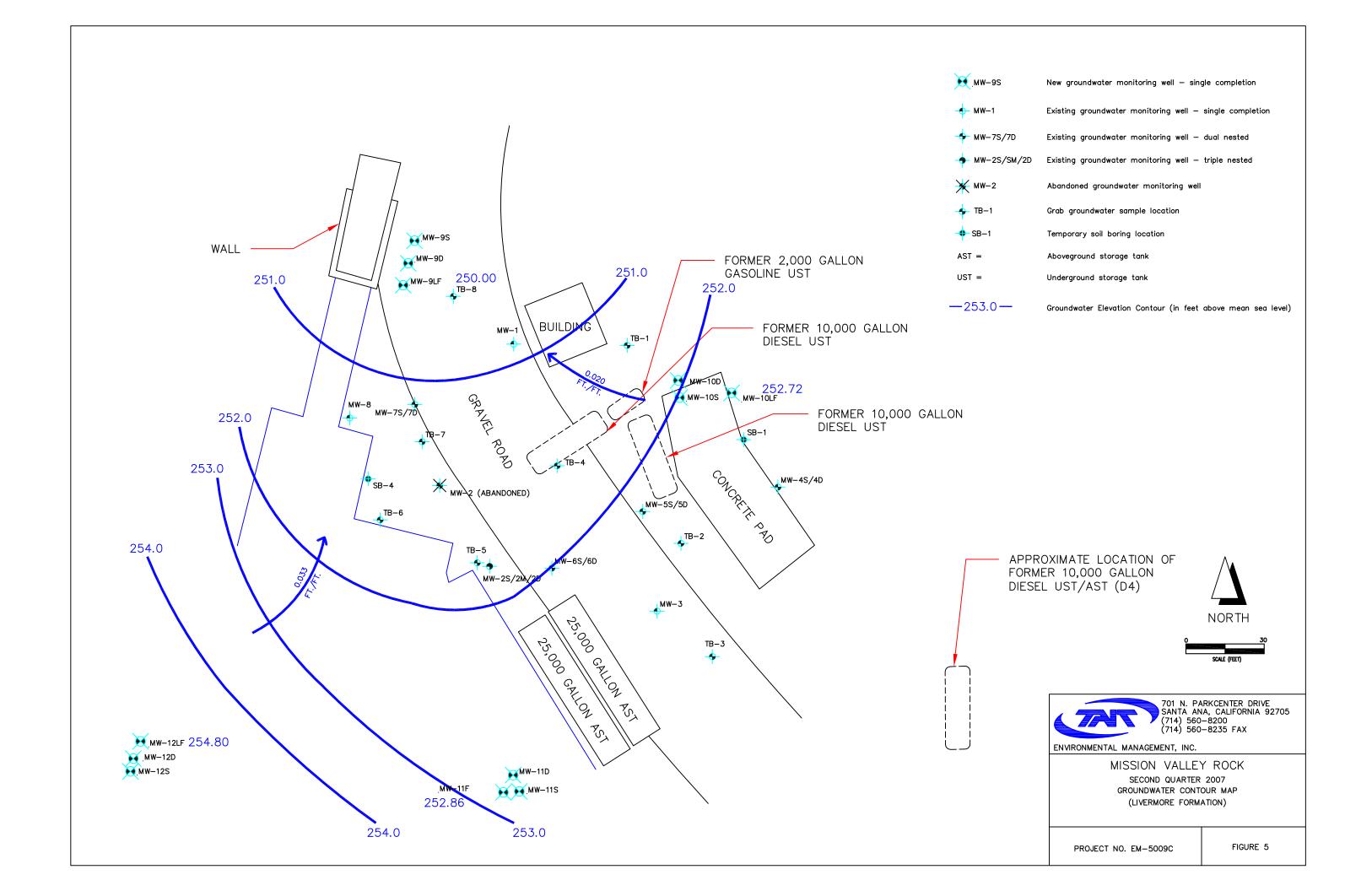
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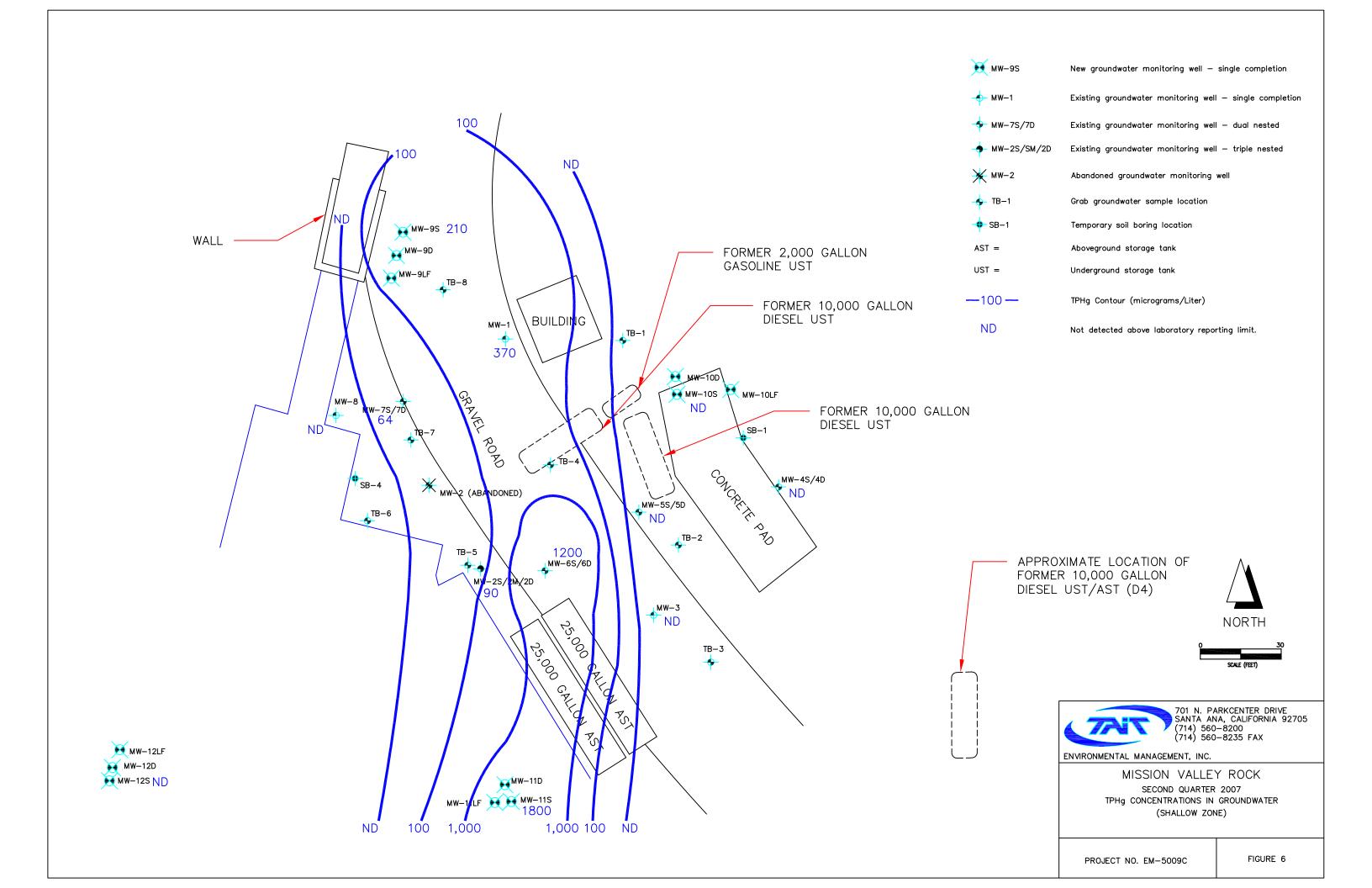
FIGURE 1

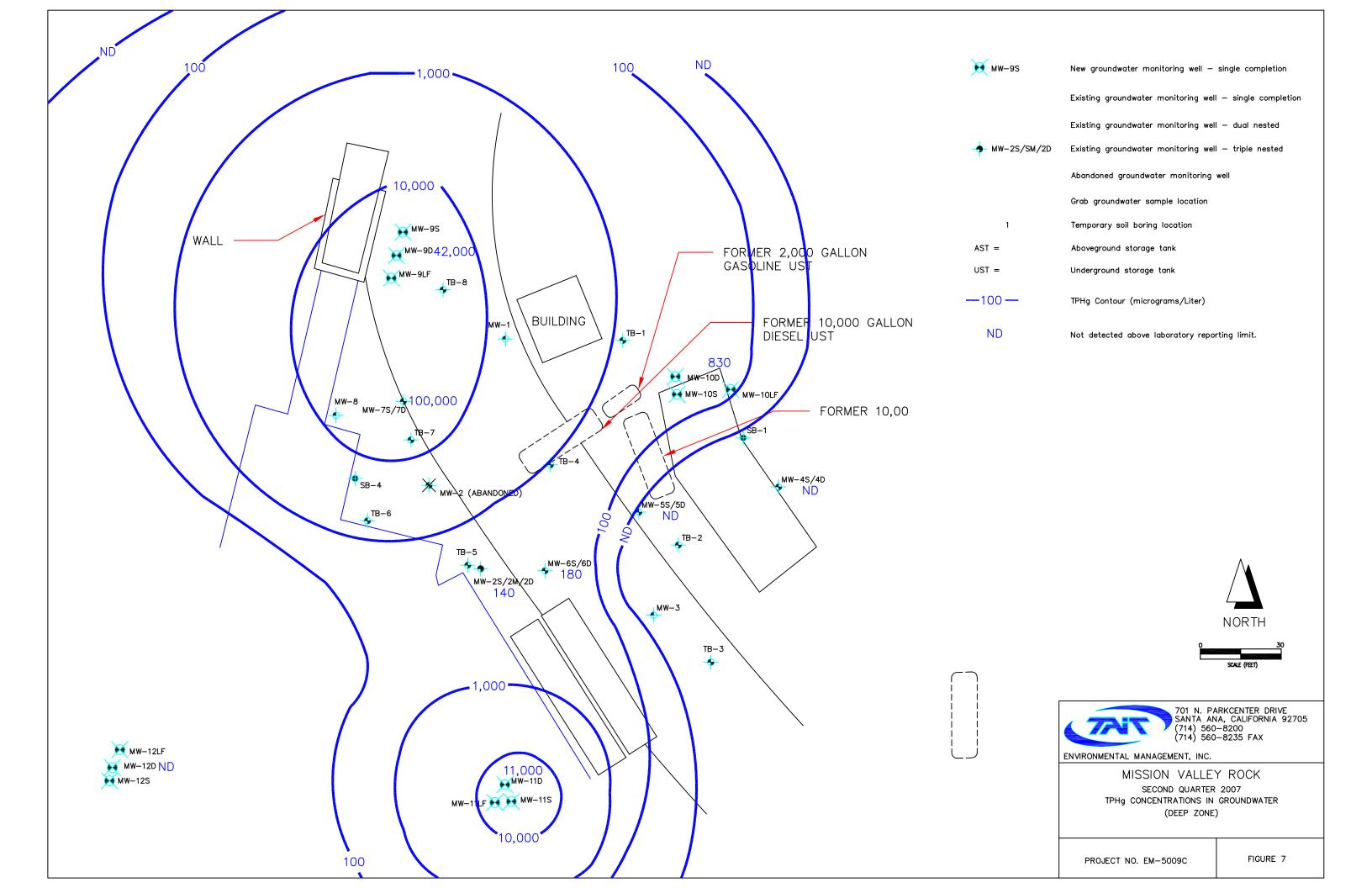


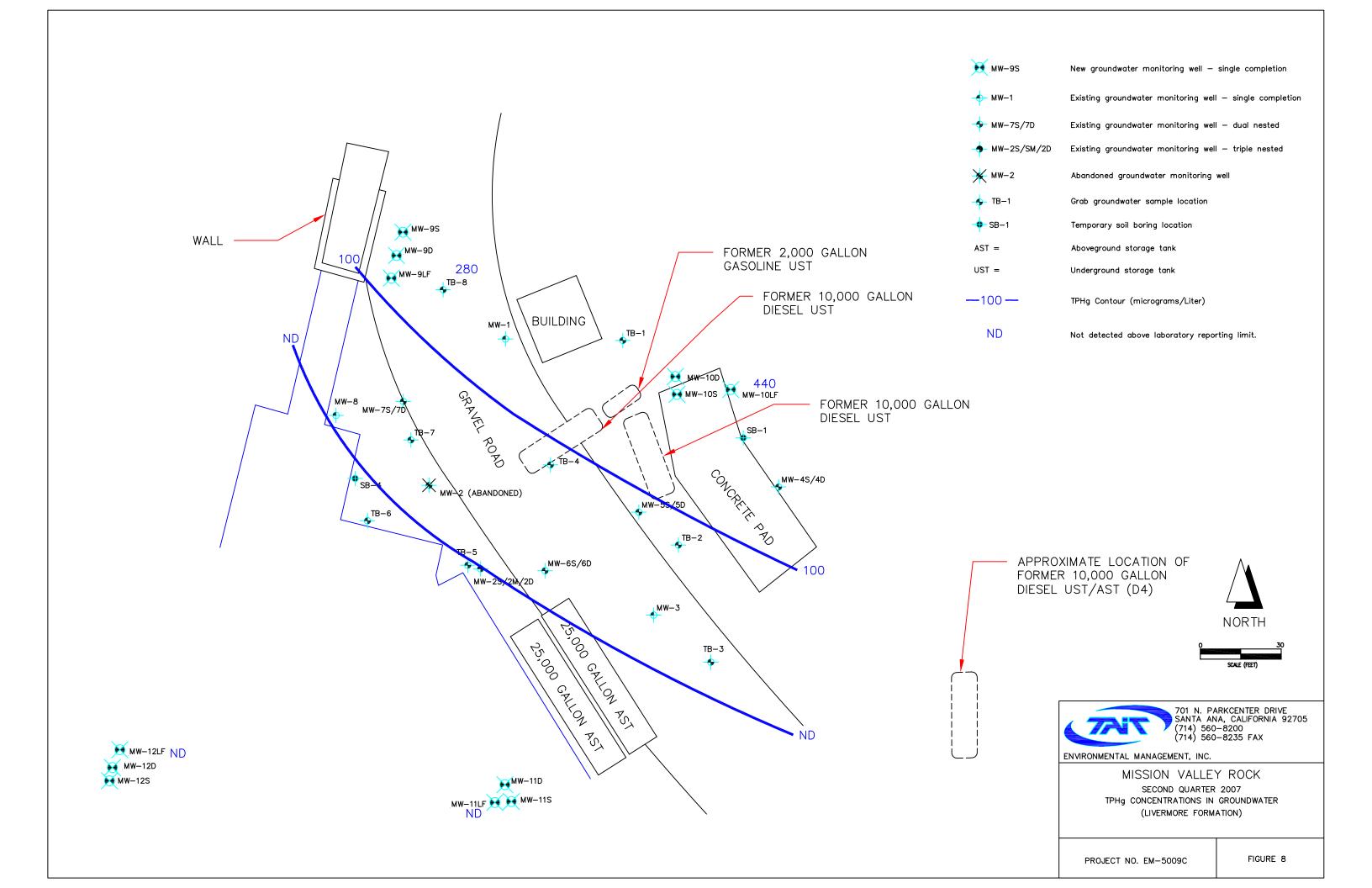


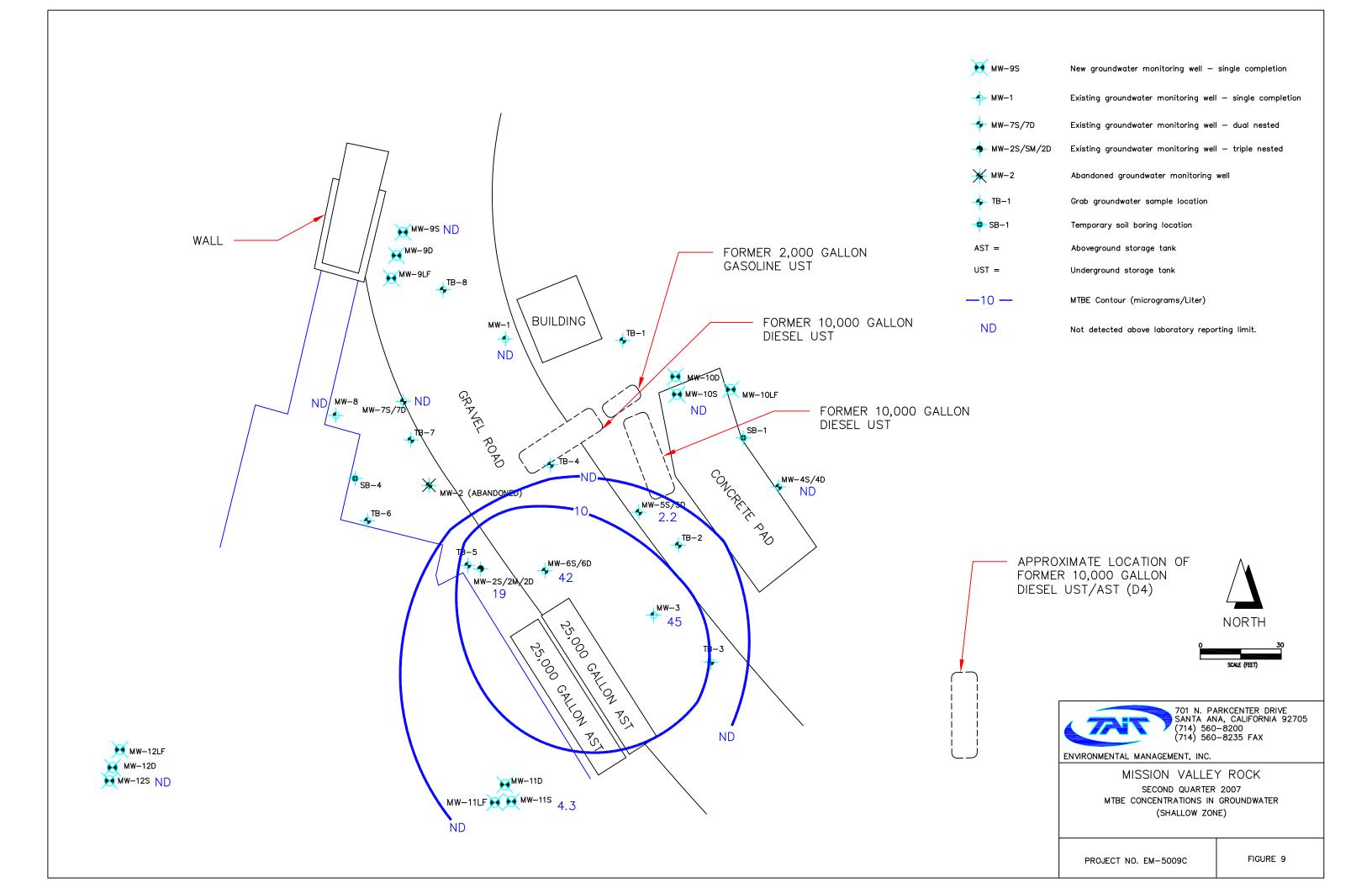


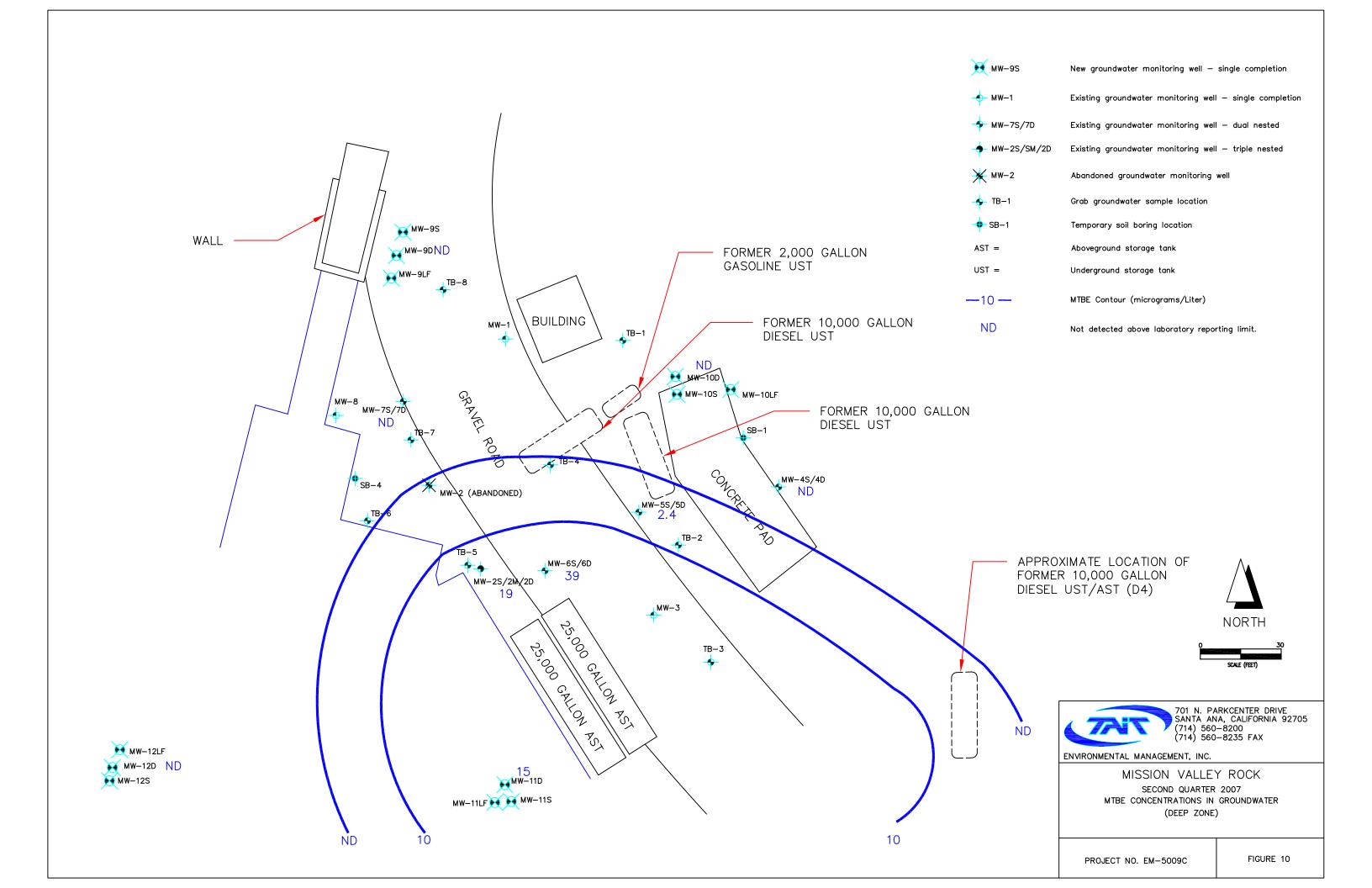


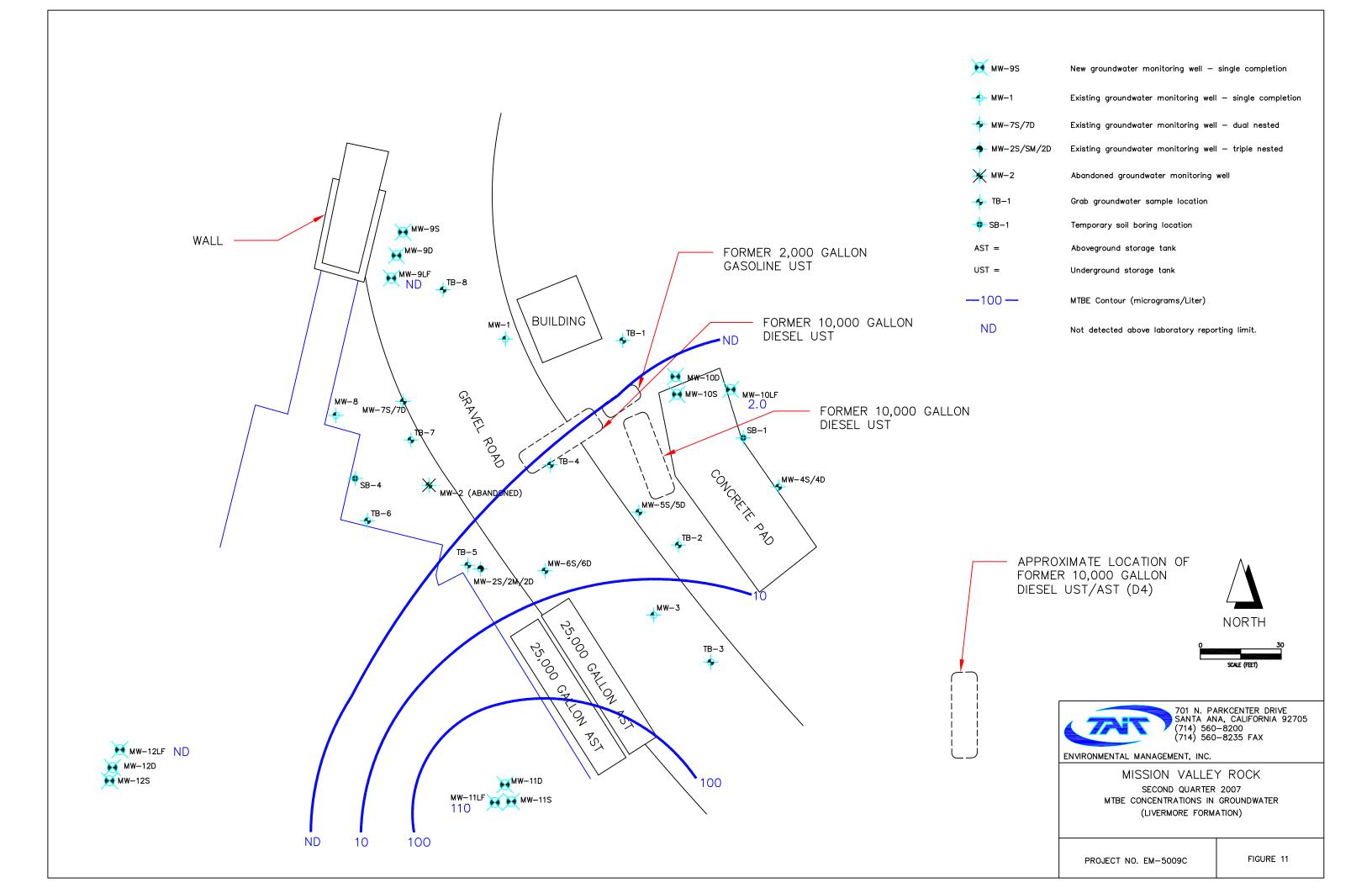


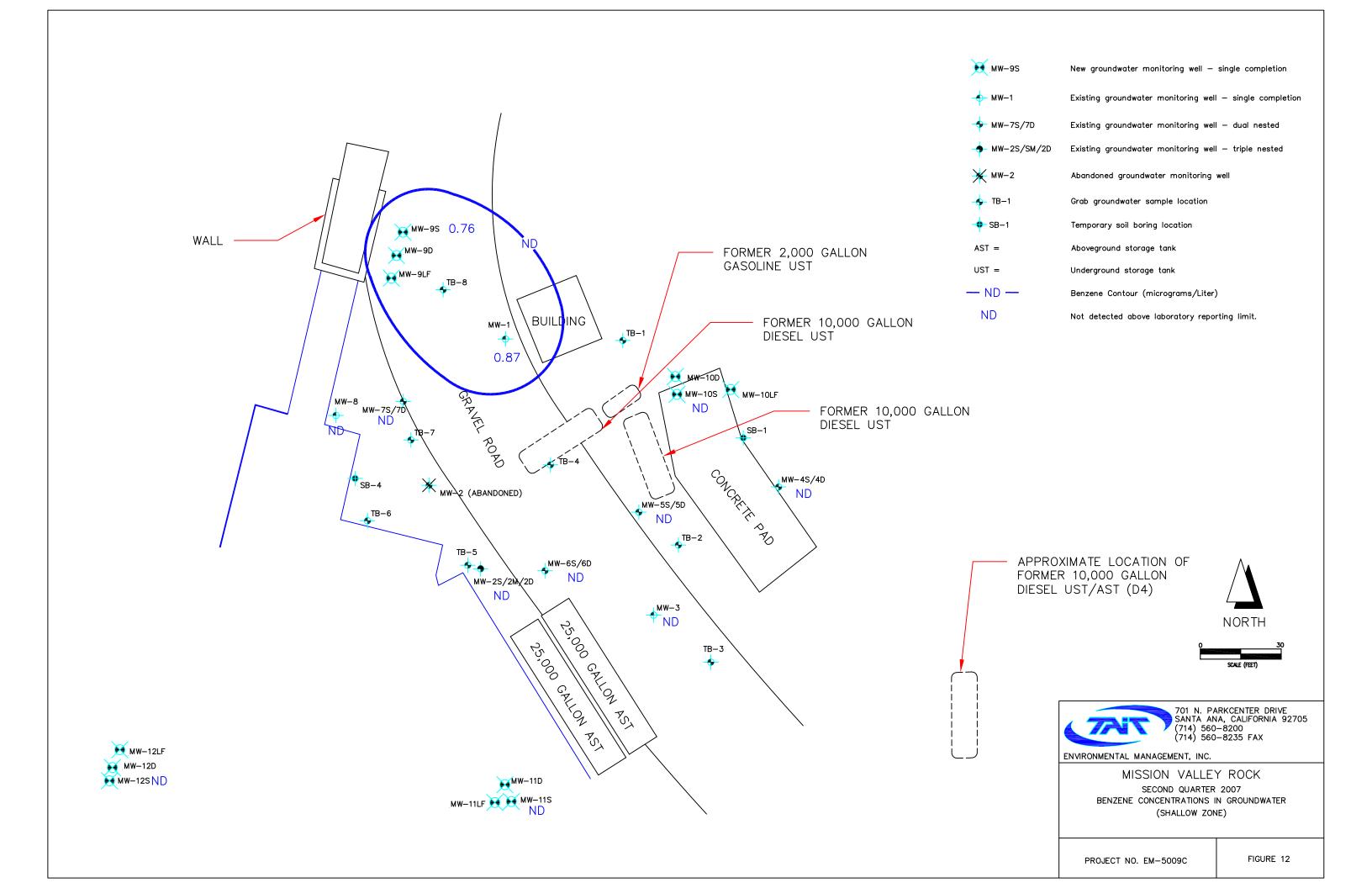


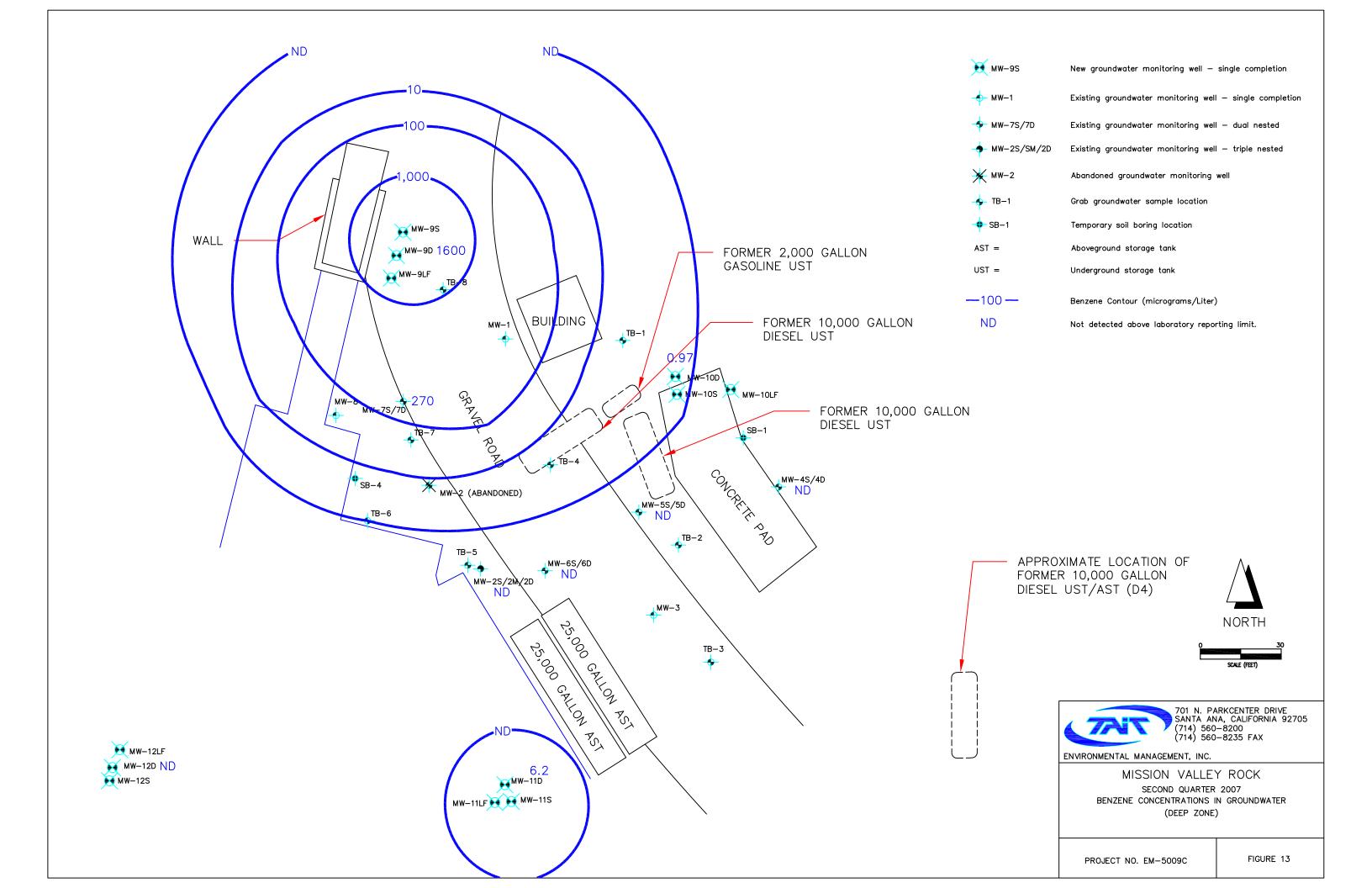












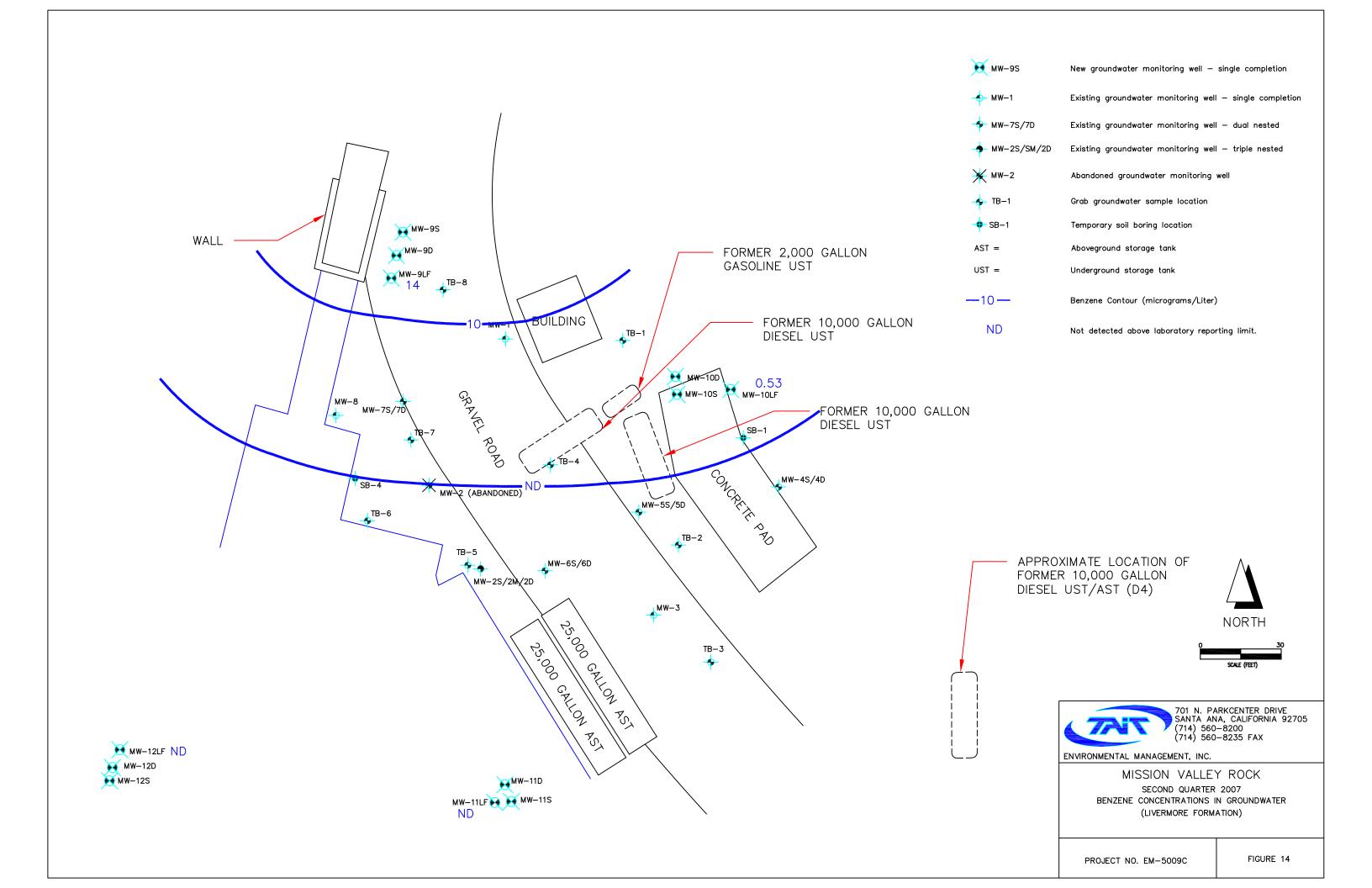




Table 1 Well Construction Details and Groundwater Elevation Data Second Quarter 2007

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	4.10	17.78	5.0 - 20.0	258.68	254.58
MW-2S	2	4.93	8.71	3.0-8.0	258.84	253.91
MW-2M	2	5.30	12.29	14.0-19.0	258.99	253.69
MW-2D	2	5.45	29.54	25.0-30.0	258.91	253.46
MW-3	2	6.11	14.70	5.0-20.0	259.08	252.97
MW-4S	2	4.75	8.35	3.0-8.0	259.14	254.39
MW-4D	2	6.25	23.38	17.0-22.0	259.22	252.97
MW-5S	2	5.10	8.24	3.0-8.0	259.43	254.33
MW-5D	2	5.39	22.65	17.0-22.0	259.40	254.01
MW-6S	2	4.80	15.00	5.0-15.0	258.75	253.95
MW-6D	2	5.93	29.15	24.5-29.5	259.27	253.34
MW-7S	2	4.32	8.48	5.0-8.0	258.84	254.52
MW-7D	2	4.95	23.61	20.0-25.0	258.80	253.85
MW-8	2	4.32	15.30	5.0-15.0	258.84	254.52
MW-9S	2	3.70	12.20	5.3-12.3	258.41	254.71
MW-9D	2	5.19	24.28	18.9-23.9	258.86	253.67
MW-9LF	2	8.94	39.11	33.3-38.3	258.94	250.00
MW-10S	2	4.84	9.58	4.8-9.8	260.67	255.83
MW-10D	2	7.13	19.38	15.5-20.5	260.64	253.51
MW-10LF	2	7.86	39.90	34.4-39.4	260.58	252.72
MW-11S	2	5.72	9.43	4.8-9.8	258.96	253.24
MW-11D	2	6.14	20.50	15.3-20.3	258.98	252.84
MW-11LF	2	6.15	39.41	32.8-37.8	259.01	252.86
MW-12S	2	7.95	11.04	4.6-11.6	262.69	254.74
MW-12D	2	7.96	19.70	16.0-21.0	262.70	254.74
MW-12LF	2	8.10	39.50	33.7-38.7	262.90	254.80

Notes

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 June 11, 2007.

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

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
		06/30/00	4.01	252.50	Slight Odor
		09/14/00	5.11	251.40	Slight Odor
		12/20/00	4.95	251.56	ND
	256.51	03/22/01	2.28	254.23	ND
	200.01	06/27/01	3.60	252.91	ND
		09/21/01	6.50	250.01	ND
		12/27/01	1.29	255.22	ND
		03/29/02	2.91	253.60	ND
B 80 87 4		06/13/02	3.95	252.56	ND
MW-1		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
		12/12/05	6.44	252.24	ND
	050.00	03/02/06	0.71	257.97	ND
	258.68	06/12/06	2.47	256.21	ND
		09/05/06	6.13	252.55	ND
		12/04/06	5.42	253.26	ND
		02/26/07	2.46	256.22	ND
		06/11/07	4.10	254.58	ND

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	1.72	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	
	200	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 ND	
		03/31/03	1.78	254.92	ND ND	
		06/27/03	3.10	253.60	ND ND	
		09/19/03	5.02	251.68	ND ND	
		12/22/03	NM	NM	ND	
		01/05/05	INIVI	Abandoned	ND	
		01/03/05	4.25		ND	
		05/04/05		254.59		
			1.98	256.86	ND ND	
		08/12/05 12/12/05	5.46 7.38	253.38	ND ND	
	258.84	03/02/06	2.24	251.46	ND ND	
MW-2S		06/12/06	3.08	256.60 255.76	ND	
		09/05/06	7.01	251.83	ND ND	
		12/04/06	6.40		ND ND	
		02/26/07	3.52	252.44		
		06/11/07	4.93	255.32 253.91	ND ND	
		01/17/05	.	254.31		
		05/04/05	4.68 2.32	254.31 256.67	ND ND	
			•	253.22	ND ND	
		08/12/05 12/12/05	5.77 7.78		ND ND	
			2.10	251.21		
MW-2M	258.99	03/02/06 06/12/06	3.39	256.89 255.60	ND ND	
		09/05/06	7.36	251.63	ND	
		12/04/06	6.89	252.10	ND ND	
		02/26/07	3.79	255.20	ND ND	
		06/11/07	5.30	253.69	ND ND	
		01/17/05	4.75	254.16	ND ND	
		05/04/05	2.38	256.53	ND ND	
		08/12/05	5.90	253.01	ND ND	
		12/12/05	7.85	251.06	ND ND	
MW-2D	258.91	03/02/06	2.16	256.75	ND	
		06/12/06	3.48	255.43	ND	
		09/05/06	7.44	251.47	ND ND	
		12/04/06	6.94	251.97	ND ND	
		02/26/07	3.89	255.02	ND NB	
		06/11/07	5.45	253.46	ND	

			Surioi, California		
Well	Top of Casing Elevation (Feet)	Date	Depth to Water (feet below TOC)	Groundwater Elevation (feet MSL)	LPH Thickness (feet)
		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
	256.72	06/27/01	NM	NM	NM
		09/21/01	7.89	248.83	ND
		12/27/01	3.77	252.95	ND
		03/29/02	5.12	251.60	ND
BANA/ O		06/13/02	6.52	250.20	ND
MW-3		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
	259.08	08/12/05	6.01	253.07	ND
		12/12/05	8.45	250.63	ND
		03/02/06	3.42	255.66	ND
		06/12/06	4.15	254.93	ND
		09/05/06	7.97	251.11	ND
		12/04/06	7.30	251.78	ND
		02/26/07	4.62	254.46	ND
		06/11/07	6.11	252.97	ND
		01/17/05	4.62	254.52	ND
		05/04/05	3.73	255.41	ND
		08/12/05	3.45	255.69	ND
		12/12/05	5.48	253.66	ND
MW-4S	259.14	03/02/06	3.10	256.04	ND
14144-43	259.14	06/12/06	4.10	255.04	ND
		09/05/06	3.90	255.24	ND
		12/04/06	4.05	255.09	ND
		02/26/07	3.40	255.74	ND
		06/11/07	4.75	254.39	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
		12/12/05	8.50	250.72	ND
MW-4D	250 22	03/02/06	3.63	255.59	ND
191 9 9 - 4 D	259.22	06/12/06	4.51	254.71	ND
		09/05/06	8.18	251.04	ND
		12/04/06	7.95	251.27	ND
		02/26/07	4.49	254.73	ND
		06/11/07	6.25	252.97	ND

MW-5D Top of Casing Elevation (Feet) Date Depth to Water (feet below TOC) Creek MSL) LPH Thickness (feet)	Sunoi, California					
MW-5S 259.43 05/04/05 08/12/05 08/12/05 5.30 254.13 ND 12/12/05 7.68 251.75 ND 03/02/06 1.42 258.01 ND 06/12/06 3.73 255.70 ND 12/04/06 6.31 253.12 ND 02/26/07 3.06 252.41 ND 06/11/07 5.10 254.33 ND 01/17/05 5.15 254.25 ND 08/12/05 08/12/05 7.92 251.48 ND 08/12/05 7.92 251.48 ND 08/12/06 12/12/05 7.92 251.48 ND 08/12/06 3.64 255.76 ND 08/12/06 3.64 255.76 ND 09/05/06 7.30 252.11 ND 06/11/07 5.10 06/11/07 5.10 08/12/05 7.92 251.48 ND 08/12/05 7.92 251.48 ND 08/12/06 6.69 252.71 ND 09/05/06 7.30 252.10 ND 12/04/06 6.69 252.71 ND 06/11/07 5.39 254.45 ND 06/11/07 5.39 254.45 ND 08/12/05 7.48 251.27 ND 08/12/05 7.48 251.27 ND 08/12/06 08/12/06 3.10 256.85 ND 08/12/06 1.96 256.80 ND 08/12/06 1.96 256.79 ND 08/12/06 08/12/06 3.10 252.45 ND 08/12/06 3.10 252.45 ND 08/12/06 3.10 252.45 ND 09/05/06 1.95 256.80 ND 08/12/06 3.10 255.85 ND 08/12/06 3.10 252.45 ND 09/05/06 1.95 256.80 ND 09/05/06 1.95 1.95 256.80 ND 09/05/06 1.95 1.96 256.81 ND 09/05/06 1.95 1.96 256.81 ND 09/05/06 1.96	Well		Date			LPH Thickness (feet)
MW-5S 259.43 05/04/05 08/12/05 08/12/05 5.30 254.13 ND 12/12/05 7.68 251.75 ND 03/02/06 1.42 258.01 ND 06/12/06 3.73 255.70 ND 12/04/06 6.31 253.12 ND 02/26/07 3.06 252.41 ND 06/11/07 5.10 254.33 ND 01/17/05 5.15 254.25 ND 08/12/05 08/12/05 7.92 251.48 ND 08/12/05 7.92 251.48 ND 08/12/06 12/12/05 7.92 251.48 ND 08/12/06 3.64 255.76 ND 08/12/06 3.64 255.76 ND 09/05/06 7.30 252.11 ND 06/11/07 5.10 06/11/07 5.10 08/12/05 7.92 251.48 ND 08/12/05 7.92 251.48 ND 08/12/06 6.69 252.71 ND 09/05/06 7.30 252.10 ND 12/04/06 6.69 252.71 ND 06/11/07 5.39 254.45 ND 06/11/07 5.39 254.45 ND 08/12/05 7.48 251.27 ND 08/12/05 7.48 251.27 ND 08/12/06 08/12/06 3.10 256.85 ND 08/12/06 1.96 256.80 ND 08/12/06 1.96 256.79 ND 08/12/06 08/12/06 3.10 252.45 ND 08/12/06 3.10 252.45 ND 08/12/06 3.10 252.45 ND 09/05/06 1.95 256.80 ND 08/12/06 3.10 255.85 ND 08/12/06 3.10 252.45 ND 09/05/06 1.95 256.80 ND 09/05/06 1.95 1.95 256.80 ND 09/05/06 1.95 1.96 256.81 ND 09/05/06 1.95 1.96 256.81 ND 09/05/06 1.96			01/17/05	4.57	254.86	ND
MW-5S 259.43 08/12/05 5.30 254.13 ND 12/12/05 7.68 251.75 ND 03/02/06 1.42 258.01 ND 06/12/06 3.73 255.70 ND 09/05/06 7.02 252.41 ND 02/26/07 3.06 256.37 ND 02/26/07 3.06 256.37 ND 06/11/07 5.10 254.33 ND 01/17/05 5.15 254.25 ND 08/12/05 7.92 251.48 ND 08/12/05 7.92 251.48 ND 08/12/05 7.92 251.48 ND 08/12/05 7.92 251.48 ND 09/05/06 7.30 252.71 ND 09/05/06 7.30 252.71 ND 09/05/06 7.30 252.71 ND 00/11/07 5.39 254.01 ND 01/17/05 4.30 255.80 ND 01/17/05 06/11/07 5.39 254.01 ND 01/17/05 06/11/07 5.39 254.01 ND 01/17/05 06/11/07 06						
MW-5S 259.43 12/12/05 7.68 251.75 ND ND 03/02/06 1.42 258.01 ND 06/12/06 3.73 255.70 ND 09/05/06 7.02 252.41 ND 12/04/06 6.31 253.12 ND 02/26/07 3.06 256.37 ND 06/11/07 5.10 254.33 ND 01/17/05 5.15 254.25 ND 08/12/05 7.92 251.48 ND 03/02/06 12/12/05 7.92 251.48 ND 03/02/06 1.98 257.42 ND 06/12/06 3.64 255.76 ND 06/12/06 3.64 255.76 ND 06/12/06 3.64 255.76 ND 06/12/06 3.64 255.76 ND 06/11/07 5.39 254.01 ND 06/11/07 5.39 254.01 ND 01/17/05 4.30 254.45 ND 06/11/07 5.39 254.01 ND 01/17/05 4.30 254.45 ND 06/11/07 5.39 251.00 ND 01/17/05 4.30 252.10 ND 01/17/05 4.30 254.45 ND 06/11/07 5.39 254.01 ND 01/17/05 4.30 255.56 ND 08/12/05 7.48 255.77 ND 08/12/05 7.48 255.27 ND 08/12/05 7.48 255.27 ND 08/12/06 3.10 255.65 ND 09/05/06 3.10 255.65 ND 09/05/06 3.44 255.31 ND 01/17/05 5.17 253.58 ND 01/17/05 5.17 253.58 ND 01/17/105 5.17 253.58 ND 01/17/105 12/04/06 6.30 252.45 ND 09/05/06 3.44 255.31 ND 01/17/05 5.17 253.58 ND 01/17/05 12/04/06 6.30 252.45 ND 09/05/06 5.17 253.58 ND 00/17/705 5.17 254.10 ND						
MW-5S 259.43 03/02/06 06/12/06 3.73 255.70 ND 09/05/06 7.02 252.41 ND 12/04/06 6.31 253.12 ND 02/26/07 3.06 256.37 ND 06/11/07 5.10 254.33 ND 01/17/05 5.15 254.25 ND 08/12/05 08/12/05 12/12/05 7.92 251.48 ND 08/12/06 12/12/06 3.64 255.76 ND 08/12/06 3.64 255.76 ND 08/12/06 3.64 255.76 ND 08/12/06 08/12/06 3.64 255.76 ND 08/12/06 08/12/06 3.64 255.76 ND 08/12/06 08/12/06 12/04/06 6.69 252.71 ND 06/11/07 5.39 254.45 ND 06/11/07 5.39 254.45 ND 01/17/05 4.30 254.45 ND 08/12/05 12/12/05 7.48 258.75 MW-6S 258.75 MW-6S 258.75 MW-6S 258.75 MW-6S 258.75 ND 03/02/06 1.96 252.71 ND 05/04/05 1.96 256.79 ND 08/12/05 7.48 251.27 ND 08/12/05 7.48 251.27 ND 08/12/05 7.48 251.27 ND 08/12/06 08/12/06 3.10 255.65 ND 09/05/06 6.94 251.81 ND 02/26/07 3.44 255.31 ND 02/26/07 3.44 255.31 ND 01/17/07 4.80 253.95 ND 01/17/07 4.80 258.47 ND						
MW-6S 259.43 06/12/06 3.73 255.70 ND 09/05/06 7.02 252.41 ND 12/04/06 6.31 253.12 ND 02/26/07 3.06 256.37 ND 06/11/07 5.10 254.33 ND 01/17/05 5.15 254.25 ND 05/04/05 2.75 256.65 ND 03/02/06 12/12/05 7.92 251.48 ND 03/02/06 1.98 257.42 ND 06/12/06 06/12/06 3.64 255.76 ND 09/05/06 7.30 252.10 ND 06/11/07 5.39 254.01 ND 06/11/07 5.39 254.01 ND 06/11/07 06/11/05 4.30 254.45 ND 06/11/07 5.39 254.01 ND 06/11/05 06/12/06 06/11/07 1.98 255.66 255.84 ND 06/11/07 1.98 254.01 ND 06/11/07 1.98 254.01 ND 06/11/07 1.98 254.01 ND 06/11/07 1.98 254.01 ND 06/11/07 1.98 255.66 ND 09/05/06 06/11/07 1.98 255.66 ND 09/05/06 1.98 252.71 ND 06/11/07 1.98 254.01 ND 06/11/07 1.98 255.65 ND 09/05/06 1.98 255.65 ND 09/05/06 1.95 256.80 ND 06/12/06 3.10 255.65 ND 09/05/06 6.94 251.81 ND 06/12/06 6.30 252.45 ND 06/11/07 4.80 253.95 ND 01/17/05 5.17 254.10 ND						
MW-5D 12/04/06	MW-5S	259.43				
MW-5D 12/04/06						
MW-5D MW-5D 259.40						
MW-5D MW-5D 259.40 06/11/07 5.10 254.33 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 12/12/05 7.92 251.48 ND 03/02/06 1.98 257.42 ND 06/12/06 3.64 255.76 ND 09/05/06 7.30 252.10 ND 12/04/06 6.69 255.84 ND 06/11/07 5.39 254.01 ND 06/11/05 4.30 254.01 ND 06/11/05 4.30 254.45 ND 06/05/04/05 1.96 258.89 ND 08/12/05 7.48 251.27 ND 08/12/05 7.48 251.27 ND 08/12/05 7.48 251.27 ND 08/12/06 3.10 255.65 ND 09/05/06 6.94 251.81 ND 02/26/07 3.44 255.31 ND 01/17/05 5.17 253.89 ND 01/17/05 03/02/06 1.95 256.80 ND 09/05/06 6.94 251.81 ND 01/17/05 5.17 254.01 ND 01/17/05 01/17/0						
MW-5D 259.40 01/17/05 5.15 254.25 ND MW-5D 05/04/05 2.75 256.65 ND 08/12/05 5.60 253.80 ND 12/12/05 7.92 251.48 ND 03/02/06 1.98 257.42 ND 06/12/06 3.64 255.76 ND 09/05/06 7.30 252.10 ND 12/04/06 6.69 252.71 ND 02/26/07 3.56 255.84 ND 06/11/07 5.39 254.01 ND 05/04/05 1.96 256.79 ND 08/12/05 5.17 253.58 ND 12/12/05 7.48 251.27 ND 03/02/06 1.95 256.80 ND 12/12/05 7.48 251.27 ND 06/12/06 3.10 255.65 ND 09/05/06 6.94 251.81 ND 12/04/06 6.30 252.45						
MW-5D 05/04/05 0.00 2.75 0.00 256.65 ND MW-5D 08/12/05 5.60 253.80 ND 12/12/05 7.92 251.48 ND 03/02/06 1.98 257.42 ND 06/12/06 3.64 255.76 ND 09/05/06 7.30 252.10 ND 12/04/06 6.69 252.71 ND 02/26/07 3.56 255.84 ND 06/11/07 5.39 254.01 ND 06/11/07 5.39 254.01 ND 05/04/05 1.96 256.79 ND 08/12/05 5.17 253.58 ND 12/12/05 7.48 251.27 ND 03/02/06 1.95 256.80 ND 06/12/06 3.10 255.65 ND 09/05/06 6.94 251.81 ND 12/04/06 6.30 252.45 ND 02/26/07 3.44 255.31 ND 06/11/07 4.80 253.95 ND 01/17/05 5.17 254.10 ND						
MW-5D 259.40 08/12/05 5.60 253.80 ND 03/02/06 1.2/12/05 7.92 251.48 ND 03/02/06 1.98 257.42 ND 06/12/06 3.64 255.76 ND 09/05/06 7.30 252.10 ND 12/04/06 6.69 252.71 ND 02/26/07 3.56 255.84 ND 06/11/07 5.39 254.01 ND 05/04/05 1.96 256.79 ND 05/04/05 1.96 256.79 ND 08/12/05 5.17 253.58 ND 12/12/05 7.48 251.27 ND 03/02/06 1.95 256.80 ND 06/12/06 3.10 255.65 ND 09/05/06 6.94 251.81 ND 02/26/07 3.44 255.31 ND 02/26/07 3.44 255.31 ND 06/11/07 4.80 253.95						
MW-5D 12/12/05 7.92 251.48 ND 03/02/06 1.98 257.42 ND 06/12/06 3.64 255.76 ND 09/05/06 7.30 252.10 ND 12/04/06 6.69 252.71 ND 02/26/07 3.56 255.84 ND 06/11/07 5.39 254.01 ND 05/04/05 4.30 254.45 ND 05/04/05 1.96 256.79 ND 08/12/05 5.17 253.58 ND 12/12/05 7.48 251.27 ND 03/02/06 1.95 256.80 ND 09/05/06 6.94 251.81 ND 09/05/06 6.94 251.81 ND 02/26/07 3.44 255.31 ND 06/11/07 4.80 253.95 ND 01/17/05 5.17 254.10 ND 05/04/05 2.80 256.47 ND						
MW-5D 03/02/06 1.98 257.42 ND 06/12/06 3.64 255.76 ND 09/05/06 7.30 252.10 ND 12/04/06 6.69 252.71 ND 02/26/07 3.56 255.84 ND 06/11/07 5.39 254.01 ND 05/04/05 4.30 254.45 ND 05/04/05 1.96 256.79 ND 08/12/05 5.17 253.58 ND 12/12/05 7.48 251.27 ND 03/02/06 1.95 256.80 ND 06/12/06 3.10 255.65 ND 09/05/06 6.94 251.81 ND 12/04/06 6.30 252.45 ND 02/26/07 3.44 255.31 ND 06/11/07 4.80 253.95 ND 01/17/05 5.17 254.10 ND 05/04/05 2.80 256.47 ND						
MW-6S MW-6S 259.40 06/12/06 3.64 255.76 ND						
MW-6S MW-6S 12/04/06	MW-5D	259.40				
MW-6S 12/04/06 6.69 252.71 ND	02					ND
MW-6S 02/26/07 3.56 255.84 ND 06/11/07 5.39 254.01 ND 01/17/05 4.30 254.45 ND 05/04/05 1.96 256.79 ND 08/12/05 5.17 253.58 ND 12/12/05 7.48 251.27 ND 03/02/06 1.95 256.80 ND 06/12/06 3.10 255.65 ND 09/05/06 6.94 251.81 ND 12/04/06 6.30 252.45 ND 02/26/07 3.44 255.31 ND 06/11/07 4.80 253.95 ND 01/17/05 5.17 254.10 ND				7.30	252.10	ND
MW-6S 06/11/07 5.39 254.01 ND 01/17/05 4.30 254.45 ND 05/04/05 1.96 256.79 ND 08/12/05 5.17 253.58 ND 12/12/05 7.48 251.27 ND 03/02/06 1.95 256.80 ND 09/05/06 6.94 251.81 ND 12/04/06 6.30 252.45 ND 02/26/07 3.44 255.31 ND 06/11/07 4.80 253.95 ND 01/17/05 5.17 254.10 ND 05/04/05 2.80 256.47 ND			12/04/06	6.69	252.71	ND
MW-6S 258.75 01/17/05 4.30 254.45 ND 05/04/05 1.96 256.79 ND 08/12/05 5.17 253.58 ND 12/12/05 7.48 251.27 ND 03/02/06 1.95 256.80 ND 06/12/06 3.10 255.65 ND 09/05/06 6.94 251.81 ND 12/04/06 6.30 252.45 ND 02/26/07 3.44 255.31 ND 06/11/07 4.80 253.95 ND 01/17/05 5.17 254.10 ND 05/04/05 2.80 256.47 ND			02/26/07	3.56	255.84	ND
MW-6S 258.75 05/04/05 1.96 256.79 ND 08/12/05 5.17 253.58 ND 12/12/05 7.48 251.27 ND 03/02/06 1.95 256.80 ND 06/12/06 3.10 255.65 ND 09/05/06 6.94 251.81 ND 12/04/06 6.30 252.45 ND 02/26/07 3.44 255.31 ND 06/11/07 4.80 253.95 ND 01/17/05 5.17 254.10 ND 05/04/05 2.80 256.47 ND			06/11/07	5.39	254.01	ND
MW-6S 258.75 08/12/05 5.17 253.58 ND 12/12/05 7.48 251.27 ND 03/02/06 1.95 256.80 ND 06/12/06 3.10 255.65 ND 09/05/06 6.94 251.81 ND 12/04/06 6.30 252.45 ND 02/26/07 3.44 255.31 ND 06/11/07 4.80 253.95 ND 01/17/05 5.17 254.10 ND 05/04/05 2.80 256.47 ND			01/17/05	4.30	254.45	ND
MW-6S 258.75 12/12/05 7.48 251.27 ND 03/02/06 1.95 256.80 ND 06/12/06 3.10 255.65 ND 09/05/06 6.94 251.81 ND 12/04/06 6.30 252.45 ND 02/26/07 3.44 255.31 ND 06/11/07 4.80 253.95 ND 01/17/05 5.17 254.10 ND 05/04/05 2.80 256.47 ND			05/04/05	1.96	256.79	ND
MW-6S 258.75 03/02/06 1.95 256.80 ND 06/12/06 3.10 255.65 ND 09/05/06 6.94 251.81 ND 12/04/06 6.30 252.45 ND 02/26/07 3.44 255.31 ND 06/11/07 4.80 253.95 ND 01/17/05 5.17 254.10 ND 05/04/05 2.80 256.47 ND			08/12/05	5.17	253.58	ND
MW-6S 258.75 03/02/06 1.95 256.80 ND 06/12/06 3.10 255.65 ND 09/05/06 6.94 251.81 ND 12/04/06 6.30 252.45 ND 02/26/07 3.44 255.31 ND 06/11/07 4.80 253.95 ND 01/17/05 5.17 254.10 ND 05/04/05 2.80 256.47 ND			12/12/05	7.48	251.27	ND
MW-65 258.75 06/12/06 3.10 255.65 ND 09/05/06 6.94 251.81 ND 12/04/06 6.30 252.45 ND 02/26/07 3.44 255.31 ND 06/11/07 4.80 253.95 ND 01/17/05 5.17 254.10 ND 05/04/05 2.80 256.47 ND			03/02/06	1.95	256.80	
09/05/06 6.94 251.81 ND 12/04/06 6.30 252.45 ND 02/26/07 3.44 255.31 ND 06/11/07 4.80 253.95 ND 01/17/05 5.17 254.10 ND 05/04/05 2.80 256.47 ND	MW-6S	258.75				
12/04/06 6.30 252.45 ND 02/26/07 3.44 255.31 ND 06/11/07 4.80 253.95 ND 01/17/05 5.17 254.10 ND 05/04/05 2.80 256.47 ND						ND
02/26/07 3.44 255.31 ND 06/11/07 4.80 253.95 ND 01/17/05 5.17 254.10 ND 05/04/05 2.80 256.47 ND						
06/11/07 4.80 253.95 ND 01/17/05 5.17 254.10 ND 05/04/05 2.80 256.47 ND						
01/17/05 5.17 254.10 ND 05/04/05 2.80 256.47 ND						
05/04/05 2.80 256.47 ND						
12/12/05 8.32 250.95 ND						
03/02/06 2.70 256.57 ND						
M(W-h)) 259.27	MW-6D	259.27				
06/12/06 4.05 255.22 ND 09/05/06 7.90 251.37 ND						
12/04/06 7.37 251.90 ND						
02/26/07 4.35 254.92 ND						
06/11/07 5.93 253.34 ND						
01/17/05 3.42 255.40 ND						
05/04/05 1.44 257.38 ND		050.00				
258.82 08/12/05 4.80 254.02 ND		258.82				
12/12/05 6.64 252.18 ND						
MW-7S 03/02/06 0.95 257.87 ND	MW-7S					
06/12/06 2.55 256.29 ND						
09/05/06 6.30 252.54 ND						ND
258.84 12/04/06 5.60 253.24 ND		258.84	12/04/06		253.24	ND
02/26/07 2.61 256.23 ND					256.23	ND
06/11/07 4.32 254.52 ND			06/11/07	4.32	254.52	ND

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	5.50	252.57	ND
		05/04/05	1.45	256.62	ND
	258.07	08/12/05	4.70	253.37	ND
		12/12/05	7.40	250.67	ND
		03/02/06	5.10	252.97	Gasoline odor
MW-7D		06/12/06	3.66	255.14	Gasoline odor
		09/05/06	7.19	251.61	ND
	258.80	12/04/06	6.64	252.16	ND
		02/26/07	3.65	255.15	ND
		06/11/07	4.95	253.85	ND
		01/17/05	3.45	255.39	ND
		05/04/05	1.25	257.59	ND
		08/12/05	4.92	253.92	ND
		12/12/05	6.67	252.17	ND
		03/02/06	0.78	258.06	ND
MW-8	258.84	06/12/06	2.44	256.40	ND
		09/05/06	6.45	252.39	ND
		12/04/06	5.80	253.04	ND
		02/26/07	2.68	256.16	ND
		06/11/07	4.32	254.52	ND
		06/12/06	2.14	256.27	ND
		09/05/06	5.92	252.49	ND
MW-9S	258.41	12/04/06	5.21	253.20	ND
		02/26/07	3.28	255.13	ND
		06/11/07	3.70	254.71	ND
		06/12/06	3.16	255.70	ND
		09/05/06	7.12	251.74	ND
MW-9D	258.86	12/04/06	6.58	252.28	ND
		02/26/07	3.52	255.34	Sheen
		06/11/07	5.19	253.67	Sheen
		06/12/06	3.46	255.48	ND
	258.94	09/05/06	7.37	251.57	ND
MW-9LF		12/04/06	6.85	252.09	ND
		02/26/07	3.79	255.15	ND
		06/11/07	8.94	250.00	ND
		06/12/06	5.00	255.67	ND
		09/05/06	5.62	255.05	ND
MW-10S	260.67	12/04/06	5.04	255.63	ND
		02/26/07	3.88	256.79	ND
		06/11/07	4.84	255.83	ND
		06/12/06	5.42	255.22	ND
		09/05/06	8.92	251.72	ND
MW-10D	260.64	12/04/06	8.18	252.46	ND
	200.04	02/26/07	5.40	255.24	ND
		06/11/07	7.13	253.51	ND
		06/12/06	5.99	254.59	ND
		09/05/06	9.65	250.93	ND
MW-10LF	260.58	12/04/06	9.02	251.56	ND
	200.00	02/26/07	6.23	254.35	ND
		06/11/07	7.86	252.72	ND
	1				: : =

Table 2 Historical Groundwater Gauging Data

Mission Valley Rock Company Sunol, California

Well	Top of Casing Elevation (Feet)	Date	Depth to Water (feet below TOC)	Groundwater Elevation (feet MSL)	LPH Thickness (feet)
		06/12/06	3.69	255.27	ND
		09/05/06	7.69	251.27	ND
MW-11S	258.96	12/04/06	7.28	251.68	ND
		02/26/07	4.20	254.76	ND
		06/11/07	5.72	253.24	ND
		06/12/06	3.70	255.28	ND
		09/05/06	8.50	250.48	ND
MW-11D	258.98	12/04/06	7.65	251.33	ND
		02/26/07	4.48	254.50	Sheen
		06/11/07	6.14	252.84	Sheen
		06/12/06	3.90	255.11	ND
	259.01	09/05/06	7.84	251.17	ND
MW-11LF		12/04/06	7.75	251.26	ND
		02/26/07	4.69	254.32	ND
		06/11/07	6.15	252.86	ND
	262.69	06/12/06	5.77	256.92	ND
		09/05/06	10.51	252.18	ND
MW-12S		12/04/06	10.00	252.69	ND
		02/26/07	6.45	256.24	ND
		06/11/07	7.95	254.74	ND
		06/12/06	5.69	257.01	ND
		09/05/06	10.40	252.30	ND
MW-12D	262.70	12/04/06	9.94	252.76	ND
		02/26/07	6.47	256.23	ND
		06/11/07	7.96	254.74	ND
		06/12/06	5.92	256.98	ND
		09/05/06	10.69	252.21	ND
MW-12LF	262.90	12/04/06	10.25	252.65	ND
		02/26/07	6.65	256.25	ND
		06/11/07	8.10	254.80	ND

Notes:

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)

ND = Not Detected

TOC = Top of Casing

MSL = Mean Sea Level

LPH = Liquid-Phase Hydrocarbon

Table 3 Groundwater Analytical Results Second Quarter 2007

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)	Tert-amyl methyl ether TAME (ug/L)	Tert-butyl alcohol (ug/L)	MTBE (ug/L)
MW-1	06/12/07	ND<500	370	0.87	ND<0.5	17	ND<1.0	ND<2.0	ND<10	ND<1.0
MW-2S	06/12/07	3700	90	ND<0.5	ND<0.5	ND<0.5	ND<1.0	ND<2.0	12	19
MW-2M	06/12/07	350	290	ND<0.5	ND<0.5	0.65	ND<1.0	ND<2.0	ND<10	14
MW-2D	06/12/07	ND<500	140	ND<0.5	ND<0.5	0.63	1.1	ND<2.0	ND<10	19
MW-3	06/12/07	ND<500	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1.0	ND<2.0	ND<10	45
MW-4S	06/11/07	ND<500	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1.0	ND<2.0	ND<10	ND<1.0
MW-4D	06/11/07	ND<500	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1.0	ND<2.0	ND<10	ND<1.0
MW-5S	06/11/07	ND<500	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1.0	ND<2.0	ND<10	2.2
MW-5D	06/12/07	ND<500	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1.0	ND<2.0	ND<10	2.4
MW-6S	06/12/07	490	1200	ND<0.5	ND<0.5	1.6	ND<1.0	ND<2.0	ND<10	42
MW-6D	06/13/07	ND<500	180	ND<0.5	ND<0.5	ND<0.5	ND<1.0	ND<2.0	ND<10	39
MW-7S	06/11/07	ND<500	64	ND<0.5	ND<0.5	ND<0.5	ND<1.0	ND<2.0	ND<10	ND<1.0
MW-7D	06/13/07	23000	100000	270	950	4000	950	ND<2.0	ND<10	ND<1.0
MW-8	06/11/07	ND<500	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1.0	ND<2.0	ND<10	ND<1.0
MW-9S	06/12/07	ND<500	210	0.76	ND<0.5	5.5	ND<1.0	ND<2.0	ND<10	ND<1.0
MW-9D	06/13/07	11000	42000	1600	5100	2600	2131	13	39	ND<1.0
MW-9LF	06/12/07	ND<500	280	14	0.92	3.8	4.5	ND<2.0	ND<10	ND<1.0
MW-10S	06/12/07	ND<500	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1.0	ND<2.0	ND<10	ND<1.0
MW-10D	06/12/07	ND<500	830	0.97	ND<0.5	14	2	ND<2.0	ND<10	ND<1.0
MW-10LF	06/12/07	260	440	0.53	0.73	ND<0.5	2.5	ND<2.0	ND<10	2.0
MW-11S	06/12/07	ND<500	1800	ND<0.5	ND<0.5	ND<0.5	ND<1.0	ND<2.0	ND<10	4.3

Table 3 Groundwater Analytical Results Second Quarter 2007

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)	Tert-amyl methyl ether TAME (ug/L)	Tert-butyl alcohol (ug/L)	MTBE (ug/L)
MW-11D	06/13/07	6700	11000	6.2	7.4	13	39	ND<2.0	ND<10	15
MW-11LF	06/11/07	ND<500	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1.0	ND<2.0	ND<10	110
MW-12S	06/11/07	ND<500	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1.0	ND<2.0	19	ND<1.0
MW-12D	06/11/07	ND<500	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1.0	ND<2.0	ND<10	ND<1.0
MW-12LF	06/11/07	ND<500	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1.0	ND<2.0	ND<10	ND<1.0

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), Tert-amyl methyl ether (TAME), and Tert-butyl alcolhol (TBA) were performed using EPA Method No. 8260B. 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.

ug/L = Micrograms per Liter

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

Mission Valley Rock Company Sunol, California

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		TDILL	TOU		- .	E		T A B 4 C	TDA	MEDE
Well	Date	TPHd	TPHg	Benzene	Toluene	Ethylbenzene	Xylenes (ug/L)	TAME	TBA	MTBE
	2 4.0	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	7 tylelles (ag/ <u>_</u>)	(ug/L)	(ug/L)	(ug/L)
	06/23/98	0.1	3,100	19	2.3	91	48	ND<2.0	ND<10	110
	10/01/98	0.1	2,300	3.1	4.2	5.0	15	ND<2.0	ND<10	ND<0.5
	01/05/99	350	ND<50	12	7.5	20	6.2	ND<2.0	ND<10	ND<5.0
	03/29/99	190	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2.0	ND<10	ND<0.5
	06/10/99	210	1,800	1.2	0.9	1.5	4.6	ND<2.0	ND<10	ND<0.5
	09/17/99	62	180	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2.0	ND<10	ND<0.5
	12/27/99	290	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2.0	ND<10	ND<0.5
	03/22/00	86	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2.0	ND<10	ND<0.5
	06/30/00	70	450	2.1	ND<0.5	2.1	1.4	ND<2.0	ND<10	7.6
	09/14/00	ND<50	850	5.4	ND<0.5	9.4	2.6	ND<2.0	ND<10	9.8
	12/20/00	ND<1,000	370	5.3	ND<1.0	2.7	ND<3.0	ND<2.0	ND<10	55
	03/22/01	ND<1,000	700	ND<1.0	ND<1.0	1.4	ND<1.0	ND<2.0	ND<10	ND<1.0
	06/27/01	ND<1,000	170	ND<1.0	ND<1.0	1.2	ND<1.0	ND<2.0	ND<10	ND<1.0
	09/21/01	ND<1,000	730	1.4	ND<1.0	7.6	1.2	ND<2.0	ND<10	ND<1.0
	12/27/01	1000	500	15	ND<1.0	27	5.5	ND<2.0	ND<10	ND<1.0
	03/29/02	12000	29000	50	ND<25	960	290	ND<2.0	ND<10	ND<25
MW-1	06/13/02	ND<1,000	1400	3.5	ND<1.0	42	7.9	ND<2.0	ND<10	ND<1.0
	09/27/02	1400	760	ND<1.0	ND<1.0	4.3	1.1	ND<2.0	ND<10	ND<1.0
	12/03/02	ND<1,000	1600	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<2.0	ND<10	ND<1.0
	03/31/03	ND<1,000	620	1.2	ND<1.0	12	ND<1.0	ND<2.0	ND<10	ND<1.0
	06/27/03	ND<1,000	0.61	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<2.0	ND<10	ND<1.0
	09/19/03	ND<1,000	1.2	ND<1.0	ND<1.0	6.4	ND<1.0	ND<2.0	ND<10	ND<1.0
	12/22/03	ND<1,000	0.49	ND<1.0	ND<1.0	3	ND<1.0	ND<2.0	ND<10	ND<1.0
	01/17/05	ND<50	63	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2.0	ND<10	ND<1.0
	05/04/05	ND<50	1200	ND<0.5	ND<0.5	8.5	1.2	ND<2.0	ND<10	ND<1.0
	08/12/05	ND<50	410	ND<0.5	ND<0.5	2.4	ND<0.5	ND<2.0	ND<10	ND<1.0
	12/13/05	ND<50	750	3.8	ND<0.5	4.2	ND<1.0	ND<2.0	ND<10	ND<1.0
	03/03/06	ND<50	310	ND<0.5	ND<0.5	ND<0.5	ND<1.0	ND<2.0	ND<10	ND<1.0
	06/13/06	ND<50	96	ND<0.5	ND<0.5	ND<0.5	ND<1.0	ND<2.0	ND<10	ND<1.0
	09/06/06	ND<50	920	ND<0.5	ND<0.5	5.3	ND<1.0	ND<2.0	ND<10	ND<1.0
	12/05/06	ND<50	1200	1.4	ND<0.5	1.5	ND<1.0	ND<2.0	ND<10	ND<1.0
	02/27/07	ND<500	430	1.1	ND<0.5	7.9	ND<1.0	ND<2.0	ND<10	ND<1.0
	06/12/07	ND<500	370	0.9	ND<0.5	17	ND<1.0	ND<2.0	ND<10	ND<1.0
	06/23/98	12,000	2,500	0.68	ND<0.50	1.2	0.57	ND<2.0	ND<10	14
	10/01/98	4,300	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2.0	ND<10	ND<0.5
	01/05/99	38,000	ND<5,000	ND<50	ND<50	51	190	ND<2.0	ND<10	ND<500
	03/29/99	580	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2.0	ND<10	ND<0.5
	06/10/99	4,500	24,000	38	27	41	98	ND<2.0	ND<10	ND<0.5
	09/17/99	24,000	1,400	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2.0	ND<10	27
	12/27/99	2,300	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2.0	ND<10	ND<0.5
	03/22/00	620	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2.0	ND<10	ND<0.5
	06/30/00	1,700	270	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2.0	ND<10	17
	09/14/00	5,800	130	ND<0.5	ND<0.5	ND<0.5	0.94	ND<2.0	ND<10	12
	12/20/00	19,000	1700	ND<50	ND<50	ND<50	ND<150	ND<2.0	ND<10	ND<250
MW-2	03/22/01	610000	3300	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<2.0	ND<10	9
	06/27/01	8800	1800	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<2.0	ND<10	6.7
	09/21/01	530000	7000	ND<50	ND<50	ND<50	ND<50	ND<2.0	ND<10	ND<50
	12/27/01	27000	310	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<2.0	ND<10	62
1	03/29/02	65000	130	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<2.0	ND<10	30

TPHd: diesel

TPHg: gasoline TAME: tert amyl methyl ether TBA: tert-butyl alcohol MTBE: methyl tert-butyl ether ug/L: micrograms per liter

Mission Valley Rock Company Sunol, California

					Sunoi, Ca	IIIOITIIA				
Well	Date	TPHd (ug/L)	TPHg (ug/L)	Benzene (ug/L)	Toluene (ug/L)	Ethylbenzene (ug/L)	Xylenes (ug/L)	TAME (ug/L)	TBA (ug/L)	MTBE (ug/L)
	06/13/02	130000	460	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<2.0	ND<10	24
l	09/27/02	480000	290	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<2.0	ND<10	16
	12/03/02	61000	1800	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<2.0	ND<10	10
	03/31/03	5000	ND<100	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<2.0	ND<10	14
	06/27/03	8.1	360	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<2.0	ND<10	20
	09/19/03	85	12	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<2.0	ND<10	15
	12/22/03		!		·	NS	'		!	!
	01/17/05					Abandone	ed			
	01/17/05	1100	730	ND<0.5	ND<0.5	1.0	3.5	ND<2.0	ND<10	50
	05/04/05	8200	190	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2.0	ND<10	44
	08/12/05	6100	120	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2.0	ND<10	77
	12/12/05	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1.0	ND<2.0	ND<10	26
	03/03/06	5900	160	ND<0.5	ND<0.5	ND<0.5	ND<1.0	ND<2.0	ND<10	21
MW-2S	06/13/06	8700	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1.0	ND<2.0	ND<10	22
	09/06/06	11000	190	ND<0.5	ND<0.5	ND<0.5	ND<1.0	ND<2.0	ND<10	29
	12/05/06	18000	ND<50	ND<0.5	ND<50	ND<0.5	ND<1.0	ND<2.0	ND<10	38
	02/28/07	6600	140	ND<0.5	ND<0.5	ND<0.5	ND<1.0	ND<2.0	ND<10	33
	06/12/07	3700	90	ND<0.5	ND<0.5	ND<0.5	ND<1.0	ND<2.0	12	19
	01/17/05	4100	3300	6.5	1.7	89	82.2	ND<2.0	ND<10	38
	05/04/05	ND<50	610	ND<0.5	ND<0.5	16	10.6	ND<2.0	ND<10	32
	08/12/05	ND<50	460	ND<0.5	ND<0.5	2.5	1.2	ND<2.0	ND<10	56
	12/12/05	ND<50	410	ND<0.5	ND<0.5	ND<0.5	ND<1.0	ND<2.0	ND<10	28
MW-2M	03/03/06	ND<50	290	ND<0.5	ND<0.5	0.5	ND<1.0	ND<2.0	ND<10	17
IVI VV-ZIVI	06/13/06	ND<50	130	ND<0.5	ND<0.5	ND<0.5	ND<1.0	ND<2.0	ND<10	ND<1.0
	09/06/06	1900	330	ND<0.5	ND<0.5	ND<0.5	ND<1.0	ND<2.0	ND<10	22
	12/05/06	6100	340	ND<0.5	ND<0.5	ND<0.5	ND<1.0	ND<2.0	ND<10	37
	02/27/07	ND<500	310	ND<0.5	ND<0.5	0.65	ND<1.0	ND<2.0	ND<10	25
	06/12/07	350	290	ND<0.5	ND<0.5	ND<0.5	ND<1.0	ND<2.0	ND<10	14
	01/17/05	1800	1000	6.5	ND<0.5	80	71	ND<2.0	ND<10	62
	05/04/05	ND<50	250	ND<0.5	ND<0.5	4.6	1.6	ND<2.0	ND<10	72
	08/12/05	ND<50	ND<50	ND<0.5	ND<0.5	2.8	1.1	ND<2.0	ND<10	51
	12/12/05	ND<50	200	ND<0.5	ND<0.5	ND<0.5	ND<1.0	ND<2.0	ND<10	39
MW-2D	03/03/06	ND<50	140	ND<0.5	ND<0.5	ND<0.5	ND<1.0	ND<2.0	ND<10	38
	06/13/06	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1.0	ND<2.0	ND<10	36
	09/06/06	1700	230	ND<0.5	ND<0.5	ND<0.5	ND<1.0	ND<2.0	ND<10	27
	12/05/06	3000	150	ND<0.5	ND<0.5	ND<0.5	ND<1.0	ND<2.0	ND<10	37
	02/27/07	1100	140	ND<0.5	ND<0.5	0.63	1.1	ND<2.0	ND<10	25
	06/12/07	ND<500	140	ND<0.5	ND<0.5	ND<0.5	ND<1.0	ND<2.0	ND<10	19
	06/23/98	12,000	300	0.80	ND<0.5	ND<0.5	ND<0.5	ND<2.0	ND<10	150
	10/01/98	6400	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2.0	ND<10	ND<0.5
	01/05/99	5,600	ND<100	1.6	1.4	ND<1.0	ND<1.0	ND<2.0	ND<10	110
	03/29/99	150	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2.0	ND<10	ND<0.5
	06/10/99	620	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2.0	ND<10	ND<0.5
	09/17/99	1,500	230	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2.0	ND<10	89
	12/27/99	58	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2.0	ND<10	ND<0.5
	03/22/00	94	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2.0	ND<10	ND<0.5
	06/30/00	240	170	ND<0.5	0.52	ND<0.5	ND<0.5	ND<2.0	ND<10	100
	09/14/00	850	170	0.81	ND<0.5	ND<0.5	ND<0.5	ND<2.0	ND<10	68
	12/20/00	1600	230	ND<1.0	ND<1.0	ND<1.0	ND<3.0	ND<2.0	ND<10	80

TPHd: diesel

TPHg: gasoline TAME: tert amyl methyl ether TBA: tert-butyl alcohol MTBE: methyl tert-butyl ether ug/L: micrograms per liter

Mission Valley Rock Company Sunol, California

		•			Sunoi, Ca	ilioitila				
Well	Date	TPHd (ug/L)	TPHg (ug/L)	Benzene (ug/L)	Toluene (ug/L)	Ethylbenzene (ug/L)	Xylenes (ug/L)	TAME (ug/L)	TBA (ug/L)	MTBE (ug/L)
	03/22/01	1100	140	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<2.0	ND<10	83
	06/27/01					NS			112 114	
	09/21/01	3800	ND<100	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<2.0	ND<10	45
	12/27/01	3100	340	1.4	1.1	10	3.8	ND<2.0	ND<10	45
	03/29/02	1500	ND<100	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<2.0	ND<10	50
MW-3	06/13/02	ND<1000	160	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<2.0	ND<10	36
IVIVV-3										43
	09/27/02	ND<1000 ND<1000	ND<1000 ND<100	ND<1.0 ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<2.0	ND<10 ND<10	43
	12/03/02				ND<1.0	ND<1.0 ND<2.5	ND<1.0 ND<2.5	ND<2.0		92
	03/31/03	ND<1000	ND<100	ND<2.5	ND<2.5			ND<2.0	ND<10	
	06/27/03	1200	ND<100	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<10	93
	09/19/03	ND<1000	ND<100	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<10	65
	12/22/03	5700	190	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<10	56
	01/17/05	ND<50	590	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2.0	ND<10	47
	05/04/05	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2.0	ND<10	190
	08/11/05	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2.0	ND<10	110
	12/13/05	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1.0	ND<2.0	ND<10	75
	03/03/06	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1.0	ND<2.0	ND<10	140
	06/12/06	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1.0	ND<2.0	ND<10	100
	09/06/06	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2.0	ND<10	67
	12/05/06	ND<50	82	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2.0	ND<10	39
	02/27/07	56	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2.0	ND<10	43
	06/12/07	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2.0	ND<10	45
	01/17/05	ND<50	65	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2.0	ND<10	ND<1.0
	05/04/05	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2.0	ND<10	ND<1.0
	08/12/05	ND<50	ND<50	ND<0.5	ND<0.5	2.2	5.8	ND<2.0	ND<10	ND<1.0
	12/12/05	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1.0	ND<2.0	ND<10	ND<1.0
MW-4S	03/03/06	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1.0	ND<2.0	ND<10	ND<1.0
	06/12/06	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1.0	ND<2.0	ND<10	ND<1.0
	09/05/06	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1.0	ND<2.0	ND<10	ND<1.0
	12/04/06	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1.0	ND<2.0	ND<10	ND<1.0
	02/26/07	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1.0	ND<2.0	ND<10	ND<1.0
	06/11/07	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1.0	ND<2.0	ND<10	ND<1.0
	01/17/05	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2.0	ND<10	ND<1.0
	05/04/05	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2.0	ND<10	ND<1.0
	08/12/05	ND<50	410	ND<0.5	2.2	10	25.5	ND<2.0	ND<10	ND<1.0
	12/12/05	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1.0	ND<2.0	ND<10	ND<1.0
MW-4D	03/03/06	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1.0	ND<2.0	ND<10	ND<1.0
14144-40	06/12/06	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1.0	ND<2.0	ND<10	7.8
	09/05/06	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1.0	ND<2.0	ND<10	ND<1.0
	12/04/06	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1.0	ND<2.0	ND<10	ND<1.0
	02/26/07	ND<500	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2.0	ND<10	ND<1.0
	06/11/07	ND<500	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2.0	ND<10	ND<1.0
	01/17/05	ND<50	ND<50	ND<0.5	4.5	ND<0.5	ND<0.5	ND<2.0	ND<10	ND<1.0
	05/04/05	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2.0	ND<10	ND<1.0
	08/11/05	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2.0	ND<10	5.8
	12/12/05	ND<50	ND<50	3.4	1.3	ND<0.5	ND<1.0	ND<2.0	ND<10	ND<1.0
MIN ES	03/03/06	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1.0	ND<2.0	ND<10	ND<1.0
MW-5S	06/12/06	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1.0	ND<2.0	ND<10	ND<1.0
	09/05/06	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2.0	ND<10	5.4
							1			

TPHd: diesel

TPHg: gasoline TAME: tert amyl methyl ether TBA: tert-butyl alcohol MTBE: methyl tert-butyl ether ug/L: micrograms per liter

Mission Valley Rock Company Sunol, California

					Surioi, Ca	illorria				
Well	Date	TPHd (ug/L)	TPHg (ug/L)	Benzene (ug/L)	Toluene (ug/L)	Ethylbenzene (ug/L)	Xylenes (ug/L)	TAME (ug/L)	TBA (ug/L)	MTBE (ug/L)
	12/04/06	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2.0	ND<10	5.8
	02/26/07	360	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2.0	ND<10	3.2
	06/11/07	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2.0	ND<10	2.2
	01/17/05	ND<50	210	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2.0	ND<10	ND<1.0
	05/04/05	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2.0	ND<10	10
	08/11/05	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2.0	ND<10	6.4
	12/12/05	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1.0	ND<2.0	ND<10	ND<1.0
	03/03/06	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1.0	ND<2.0	ND<10	4.7
MW-5D	06/12/06	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1.0	ND<2.0	ND<10	5.0
	09/05/06	ND<50	ND<50	ND<0.5	0.60	ND<0.5	ND<1.0	ND<2.0	ND<10	5.3
	12/05/06	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1.0	ND<2.0	ND<10	1.9
	02/28/07	ND<500	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1.0	ND<2.0	ND<10	1.6
	06/12/07	ND<500	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1.0	ND<2.0	ND<10	2.4
	01/17/05	2800	1600	6.1	ND<0.5	3.6	2.3	ND<2.0	ND<10	160
	05/04/05	ND<50	750	ND<0.5	ND<0.5	3.0	ND<0.5	ND<2.0	ND<10	160
	08/12/05	1300	1100	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2.0	ND<10	410
	12/12/05	ND<50	1000	ND<0.5	ND<0.5	1.4	ND<1.0	ND<2.0	ND<10	190
	03/03/06	ND<50	940	ND<0.5	ND<0.5	4.9	ND<1.0	ND<2.0	ND<10	60
MW-6S	06/14/06	1300	650	ND<0.5	1.7	1.9	2.0	ND<2.0	ND<10	ND<1.0
	09/06/06	2400	750	ND<0.5	ND<0.5	0.7	0.5	ND<2.0	ND<10	200
	12/05/06	2600	1000	ND<0.5	ND<0.5	1.2	ND<1.0	ND<2.0	ND<10	110
	02/27/07	3000	1100	0.79	ND<0.5	1.1	ND<1.0	ND<2.0	ND<10	54
	06/12/07	490	1200	ND<0.5	ND<0.5	1.6	ND<1.0	ND<2.0	ND<10	47
	01/17/05	2100	1200	10	ND<0.5	1.6	2.2	ND<2.0	ND<10	180
	05/04/05	ND<50	360	2	ND<0.5	ND<0.5	ND<0.5	ND<2.0	ND<10	360
	03/04/03	ND<50	480	2	ND<0.5	ND<0.5	ND<0.5	ND<2.0	ND<10	270
	12/12/05	ND<50	240	ND<0.5	ND<0.5	ND<0.5	ND<1.0	ND<2.0	ND<10	92
	03/03/06	ND<50	310	ND<0.5	ND<0.5	ND<0.5	ND<1.0	ND<2.0	ND<10	93
MW-6D	06/14/06	ND<50	130	ND<0.5	3.0	1.1	2.6	ND<2.0	ND<10	69
	09/06/06	ND<50	230	ND<0.5	ND<0.5	ND<0.5	ND<1.0	ND<2.0	ND<10	74
	12/06/06	1300	500	0.98	8.1	16	38.8	ND<2.0	ND<10	59
	02/27/07	470	150	ND<0.5	ND<0.5	ND<0.5	ND<1.0	ND<2.0	ND<10	48
	06/13/07	ND<500	180	ND<0.5	ND<0.5	ND<0.5	ND<1.0	ND<2.0	ND<10	39
	00/13/07	ND<50	12000	10	89	590	1670	ND<2.0	ND<10	ND<1.0
	05/04/05	520	1600	ND<0.5	ND<0.5	31	18.4	ND<2.0	ND<10	ND<1.0
	08/12/05	ND<50	660	ND<0.5	ND<0.5	5.5	ND<0.5	ND<2.0	ND<10	ND<1.0
	12/12/05	ND<50	610	ND<0.5	ND<0.5	ND<0.5	ND<1.0	ND<2.0	ND<10	ND<1.0
	03/03/06	ND<50	630	1.1	9	31	78	ND<2.0	ND<10	ND<1.0
MW-7S	06/14/06	ND<50	430	ND<0.5	ND<0.5	6.1	14.5	ND<2.0	ND<10	ND<1.0
	09/07/06	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1.0	ND<2.0	ND<10	ND<1.0
	12/04/06	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1.0	ND<2.0	ND<10	ND<1.0
	02/26/07	ND<500	55	ND<0.5	ND<0.5	ND<0.5	ND<1.0	ND<2.0	ND<10	ND<1.0
	06/11/07	ND<500	64	ND<0.5	ND<0.5	ND<0.5	ND<1.0	ND<2.0	ND<10	ND<1.0
	01/17/05	ND<50	23000	350	1000	1800	5200	ND<2.0	ND<10	ND<1.0
	05/04/05	140<00	23000	330	1000	NS	3200	ND\Z.U	140/10	140<1.0
	03/04/03	37	83000	550	2200	4400	10600	ND<2.0	ND<10	ND<50
	12/12/05	150000	1300000	640	3100	21000	54800	ND<2.0	ND<10	ND<50
	03/03/06	45000	71000	420	2400	4400	11300	ND<2.0	ND<10	ND<30
MW-7D	06/14/06	ND<50	160000	310	2400	4500				
1	00/14/00	บต>บท	100000	310	2400	4500	9800	ND<2.0	ND<10	ND<1.0

TPHd: diesel

TPHg: gasoline TAME: tert amyl methyl ether TBA: tert-butyl alcohol MTBE: methyl tert-butyl ether ug/L: micrograms per liter

Mission Valley Rock Company Sunol, California

					Sunoi, Ca	illiorriia			•	
Well	Date	TPHd (ug/L)	TPHg (ug/L)	Benzene (ug/L)	Toluene (ug/L)	Ethylbenzene (ug/L)	Xylenes (ug/L)	TAME (ug/L)	TBA (ug/L)	MTBE (ug/L)
	09/07/06	22000	71000	360	8600	33000	87000	ND<2.0	ND<10	ND<1.0
	12/06/06	12000	58000	160	1300	3900	5800	ND<2.0	ND<10	ND<1.0
	02/28/07	790	6800	29	51	460	491	ND<2.0	ND<10	ND<1.0
	06/13/07	23000	100000	270	950	4000	950	ND<2.0	ND<10	ND<1.0
	01/17/05	ND<50	120	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2.0	ND<10	ND<1.0
	05/04/05	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2.0	ND<10	ND<1.0
	08/12/05	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2.0	ND<10	ND<1.0
	12/12/05	830	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1.0	ND<2.0	ND<10	ND<1.0
	03/03/06	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1.0	ND<2.0	ND<10	ND<1.0
MW-8	06/12/06	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1.0	ND<2.0	ND<10	ND<1.0
	09/07/06	ND<50	ND<50	ND<0.5	3.3	ND<0.5	5.5	ND<2.0	ND<10	ND<1.0
	12/04/06	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1.0	ND<2.0	ND<10	ND<1.0
	02/26/07	ND<500	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1.0	ND<2.0	ND<10	ND<1.0
	06/11/07	ND<500	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1.0	ND<2.0	ND<10	ND<1.0
	05/05/06	ND<50	1300	8.6	24	40	29.8	ND<2.0	ND<10	ND<1.0
<u> </u>	06/14/06	ND<50	330	ND<0.5	ND<0.5	3.0	ND<1.0	ND<2.0	ND<10	ND<1.0
	09/07/06	ND<50	240	ND<0.5	ND<0.5	ND<0.5	ND<1.0	ND<2.0	ND<10	ND<1.0
MW-9S	12/05/06	ND<50	190	ND<0.5	ND<0.5	0.76	ND<1.0	ND<2.0	ND<10	ND<1.0
	02/27/07	ND<500	130	0.79	0.58	8.4	1.0	ND<2.0	ND<10	ND<1.0
	06/12/07	ND<500	210	0.76	ND<0.5	5.5	ND<1.0	ND<2.0	ND<10	ND<1.0
	05/05/06	13	88000	5500	15000	4200	15000	ND<2.0	ND<10	ND<1.0
	06/14/06	ND<50	76000	3200	13000	2700	9200	ND<2.0	ND<10	ND<1.0
	09/07/06	5400	58000	1800	7400	2400	8000	ND<2.0	ND<10	ND<1.0
MW-9D	12/06/06	9100	170000	1800	6700	3400	7400	ND<2.0	ND<10	ND<1.0
	02/28/07	4500	210000	1900	6200	2400	9000	ND<2.0	ND<10	ND<1.0
	06/13/07	11000	42000	1600	5100	2600	2131	13	39	ND<1.0
	05/05/06	ND<50	5400	12	17	190	150	ND<2.0	ND<10	ND<1.0
	06/14/06	ND<50	1800	13	17	30	36	ND<2.0	ND<10	ND<1.0
101 C	09/07/06	ND<50	1100	58	23	31	58	ND<2.0	ND<10	ND<1.0
MW-9LF	12/05/06	290	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1.0	ND<2.0	ND<10	31
	02/27/07	ND<500	530	39	5	31	25.4	ND<2.0	ND<10	ND<1.0
	06/12/07	ND<500	280	14	0.92	3.8	4.5	ND<2.0	ND<10	ND<1.0
	05/05/06	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1.0	ND<2.0	ND<10	ND<1.0
	06/13/06	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1.0	ND<2.0	ND<10	ND<1.0
NOW 400	09/07/06	ND<50	93	ND<0.5	ND<0.5	ND<0.5	ND<1.0	ND<2.0	ND<10	ND<1.0
MW-10S	12/05/06	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1.0	ND<2.0	ND<10	ND<1.0
	02/26/07	ND<500	54	ND<0.5	ND<0.5	ND<0.5	ND<1.0	ND<2.0	ND<10	ND<1.0
	06/12/07	ND<500	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1.0	ND<2.0	ND<10	ND<1.0
	05/05/06	ND<50	5900	24	9	260	23	ND<2.0	ND<10	ND<1.0
	06/13/06	ND<50	2300	7.6	2.4	66	6.6	ND<2.0	ND<10	ND<1.0
MW 40D	09/07/06	ND<50	2400	3.9	2.0	54	11.89	ND<2.0	ND<10	ND<1.0
MW-10D	12/06/06	ND<50	1600	2.5	1.0	28	4	ND<2.0	ND<10	ND<1.0
Ī	02/27/07	200	850	2.7	0.90	28	2.3	ND<2.0	ND<10	ND<1.0
	0=,=.,0.				ND<0.5	14	2.0	ND<2.0	ND<10	ND<1.0
	06/12/07	ND<500	830	1.0	ND VO.5					
		ND<500 ND<50	830 860	1.0 ND<0.5	11	ND<0.5	4.6	ND<2.0	ND<10	ND<1.0
-	06/12/07						4.6 4.2			ND<1.0 ND<1.0
MW 401 E	06/12/07 05/05/06	ND<50	860	ND<0.5	11	ND<0.5		ND<2.0	ND<10	
MW-10LF	06/12/07 05/05/06 06/13/06	ND<50 ND<50	860 780	ND<0.5 2.0	11 2.4	ND<0.5 1.1	4.2	ND<2.0 ND<2.0	ND<10 ND<10	ND<1.0

TPHd: diesel

TPHg: gasoline TAME: tert amyl methyl ether TBA: tert-butyl alcohol MTBE: methyl tert-butyl ether ug/L: micrograms per liter

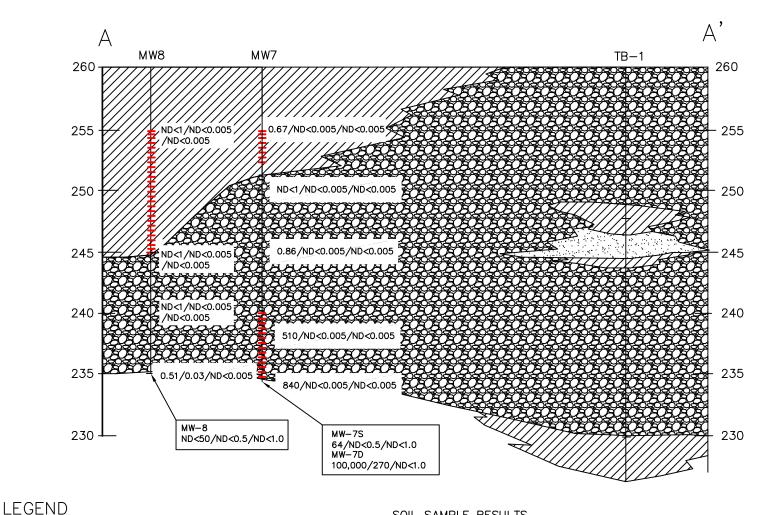
Mission Valley Rock Company Sunol, California

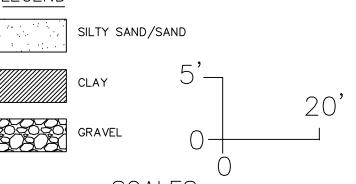
					Gurioi, Ga					
Well	Date	TPHd (ug/L)	TPHg (ug/L)	Benzene (ug/L)	Toluene (ug/L)	Ethylbenzene (ug/L)	Xylenes (ug/L)	TAME (ug/L)	TBA (ug/L)	MTBE (ug/L)
	06/12/07	260	440	0.5	0.7	ND<0.5	2.5	ND<2.0	ND<10	2.0
	05/05/06	ND<50	11000	ND<0.5	ND<0.5	ND<0.5	ND<1.0	ND<2.0	ND<10	8.4
	06/14/06	ND<50	730	ND<0.5	ND<0.5	ND<0.5	ND<1.0	ND<2.0	ND<10	ND<1.0
MW 446	09/06/06	3300	1400	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2.0	ND<10	4.8
MW-11S	12/06/06	1700	130	0.71	ND<0.5	0.64	0.51	ND<2.0	ND<10	11
	02/27/07	540	300	ND<0.5	ND<0.5	ND<0.5	ND<1.0	ND<2.0	ND<10	4.3
	06/12/07	ND<500	1800	ND<0.5	ND<0.5	ND<0.5	ND<1.0	ND<2.0	ND<10	4.3
	05/05/06	ND<50	13000	20	20	26	77	ND<2.0	ND<10	47
	06/14/06	18000	6500	12	4.4	11	22	ND<2.0	ND<10	26
MW 44D	09/06/06	210000	33000	25	30	28	97	ND<2.0	ND<10	31
MW-11D	12/06/06	190000	2100	15	23	29	101	ND<2.0	ND<10	19
	02/28/07	13000	7400	8.4	16	17	54	ND<2.0	ND<10	18
	06/13/07	6700	11000	6.2	7	13	39	ND<2.0	ND<10	15
	05/05/06	ND<50	1300	ND<0.5	ND<0.5	ND<0.5	3	ND<2.0	ND<10	250
	06/14/06	1100	99	ND<0.5	ND<0.5	ND<0.5	ND<1.0	ND<2.0	ND<10	240
MW-11LF	09/06/06	5300	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1.0	ND<2.0	ND<10	160
IVIVV-IILF	12/04/06	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1.0	ND<2.0	ND<10	240
	02/27/07	ND<500	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1.0	ND<2.0	ND<10	110
	06/11/07	ND<500	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1.0	ND<2.0	ND<10	110
	05/05/06	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1.0	ND<2.0	ND<10	ND<1.0
	06/13/06	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1.0	ND<2.0	ND<10	ND<1.0
MW-12S	09/07/06	ND<50	81	ND<0.5	ND<0.5	ND<0.5	ND<1.0	ND<2.0	ND<10	ND<1.0
10100-123	12/05/06	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1.0	ND<2.0	210	ND<1.0
	02/27/07	ND<500	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1.0	ND<2.0	ND<10	ND<1.0
	06/11/07	ND<500	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1.0	ND<2.0	19	ND<1.0
	05/05/06	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1.0	ND<2.0	ND<10	ND<1.0
	06/13/06	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1.0	ND<2.0	ND<10	ND<1.0
MW-12D	09/06/06	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1.0	ND<2.0	ND<10	ND<1.0
IVIVV-12D	12/04/06	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1.0	ND<2.0	ND<10	ND<1.0
	02/28/07	ND<500	51	ND<0.5	ND<0.5	ND<0.5	ND<1.0	ND<2.0	ND<10	ND<1.0
	06/11/07	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1.0	ND<2.0	ND<10	ND<1.0
	05/05/06	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1.0	ND<2.0	ND<10	ND<1.0
Ī	06/13/06	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1.0	ND<2.0	ND<10	ND<1.0
MW-12LF	09/06/06	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1.0	ND<2.0	ND<10	ND<1.0
IVIVV-IZEF	12/05/06	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1.0	ND<2.0	ND<10	ND<1.0
	02/26/07	ND<500	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1.0	ND<2.0	ND<10	ND<1.0
	06/11/07	ND<500	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1.0	ND<2.0	ND<10	ND<1.0

TPHd: diesel

TPHg: gasoline TAME: tert amyl methyl ether TBA: tert-butyl alcohol MTBE: methyl tert-butyl ether ug/L: micrograms per liter

APPENDIX A CROSS SECTIONS





SOIL SAMPLE RESULTS
January 2005 (mg/kg) (On Section):
TPHg/BENZENE/MTBE
ND<1/ND<0.005/ND<0.005

Screen Interval in Well

GROUNDWATER DATA RESULTS
June 2007 (μg/l) (Below Section):

TPH-g/Benzene/MTBE ND<50/ND<0.5/ND<1.0

SCALES VERTICAL SCALE EXAGGERATED



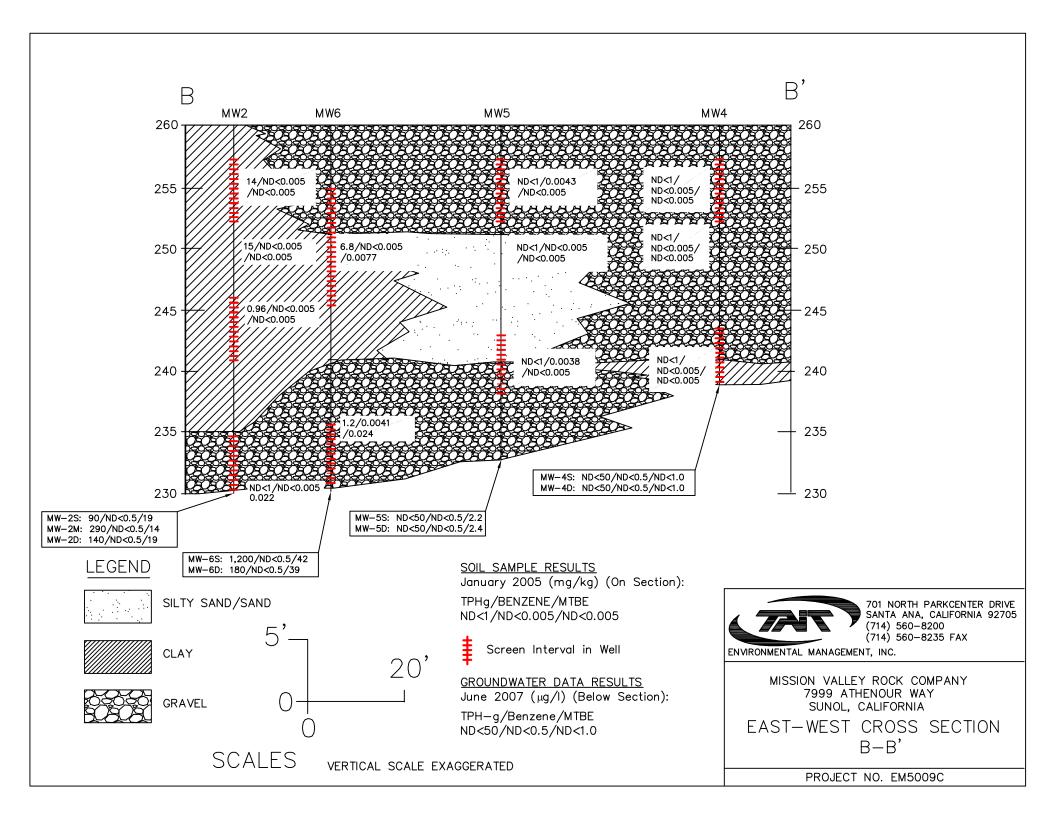
701 NORTH PARKCENTER DRIVE SANTA ANA, CALIFORNIA 92705 (714) 560-8200 (714) 560-8235 FAX

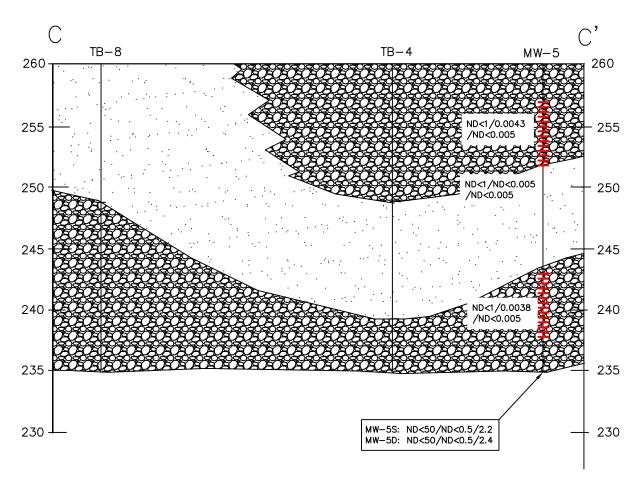
ENVIRONMENTAL MANAGEMENT, INC.

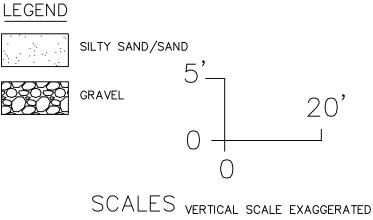
MISSION VALLEY ROCK COMPANY 7999 ATHENOUR WAY SUNOL, CALIFORNIA

EAST-WEST CROSS SECTION A-A'

PROJECT NO. EM5009C







SOIL SAMPLE RESULTS
January 2005 (mg/kg) (On Section):
TPHg/BENZENE/MTBE
ND<1/ND<0.005/ND<0.005

Screen Interval in Well

GROUNDWATER DATA RESULTS
June 2007 (μg/l) (Below Section):
TPH-g/Benzene/MTBE
ND<50/ND<0.5/ND<1.0



701 NORTH PARKCENTER DRIVE SANTA ANA, CALIFORNIA 92705 (714) 560-8200 (714) 560-8235 FAX

ENVIRONMENTAL MANAGEMENT, INC.

MISSION VALLEY ROCK COMPANY 7999 ATHENOUR WAY SUNOL, CALIFORNIA

NORTH-SOUTH CROSS SECTION C-C'

PROJECT NO. EM5009C

APPENDIX B SAMPLING DATA SHEETS



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Projec	t Na	m	e: i	Vissi	on	Valley	Rock			·			Date:	/1	11-07					
Projec									·											
Well I	dent	H	catio	n;	1	1W-U	15						Weath		Michae			·····		
Meası	ırem	10	nt Po	int De	9 5C	ription:	TOC I	North		···				Intake:			34	cr ee n:		
LN	APL bmp		1	Dep Static evel	: W	ater	Weil 7	Fotal ft-bmj	•	Wate Colui Helg (ft)	mn jht	LNAPL 1	Thickn bmp)		One (1) /olume (g Ca: (5) Volu	e (3) sing mes	Above Screen Volume	Screen Volume
NA 4.75 8.35 3.6 NA								0.5	3	1.7	3	•	•							
We	li Dia	an	eter	(ln)			Ga	llons/	Foot		F	ield Equipr	nent:	Horib	a, 2 sta	ge pur	np			
				(,		0.75	2	`\	4	6	P	urge Metho	od:	2 sta	ge pum)				
0.75	2		4	6		0.02	0.10	6	0.65	1.47	M	Veli Conditi	on:	6	ood					
Time		Ca	sing / S	creen	P	olume urged allons)	Flow (gp		Wate Leve (ft-bm	ıl I	ρН	Tempera (°C)	ture	Turbidity (NTU)	Condu		Dissolved Oxygen (mg/L)	ORP (mV)	Obs	ervations
1318						0				7.	18	21.5		82.5	0.14	7	5.92	-31	<\EA	, v 2_
						l				7	.08	3 20.7	ı	٩.3	6.11	B	3.33	- 50	,	
1328						2_				7	02	20.2		1.5	0.4	8	ر5. چ	-54		
														***************************************	ļ					
							······								-					
		_												•						
Purge Tim				ge Enc ime	.	Averag (gp			Gallons irged		Casi ume: rged	s Reco	overy Level pth	at Sa	r Level mpling ft-bmp)	Colle	mple ection me	Sai	mple identifica	tion
1318	٠		13	28		0.	2	2	<u>ک</u>	3.	45	5.4	47	Ц,	77	133	, 1			
lotes	:					L						l		1						



Page $\frac{2}{2}$ of $\frac{24}{6}$

rrojeci	t Na	me:	Missic	n Valle	y Rock					Date	. /		_		···········	****	
Project	t No.	: EN	15009								<u>" ع</u> ared By:	// - 6.					
Well Id				MW-					·	Wea	ther: +4	MICIE	ei sch				
Measu	reme	ent Po	int De	scription	: TOC	North	1			Pum	p Intake:	: 19'	De S	3	creen:	·	
Dept LNA (ft-b	\PL		Static	th to Water ft-bmp)		Total ft-bm;	Depth)	Wate Colum Heigh (ft)	n	LNAPL Thick (ft-bmp)		One (1 Volume) Casing (gallon	Ga: S) Volu	e (3) sing imes lons)	Above Screen Volume	Scr ee n Volume
NA 6.25 23.38 17.1 NA 2.74							4	8.7		-	_						
Well	Dia	meter	· (In)		Ga	llons/	Foot	***	Fie	ld Equipment	Horit	oa, 2 sta	age pun			-11:	
			(,	0.75	$\sqrt{2}$		4	6	Pur	rge Method:		ge pum					
0.75	2	4	6	0.02	0.1	6	0.65	1.47	We	ll Condition:	90	od					
Time	C	asing / S	creen	Volume Purged (gallons)	4	Rate m)	Wate Leve (ft-bm	i p	Н	Temperature (°C)	Turbidity (NTU)	Condi	uctivity	Dissolved Oxygen (mg/L)	ORP (mV)	Obse	ervations
345				0				7 3	5	17.5	45.6	0.3	3	3.35	- 33	cle.	Q
··.	-			3				7	09	16.8	ø	6.4	16	3.40	-15	1	
				<u>6</u>				7	14	168	ø	0.1	14	3.35	- 22		
1357				9				_ 7.	14	16.9	Ø	0.4	13	2.84	- 22		
														·····			
		· · · · · · · · · · · · · · · · · · ·												<u> </u>			
Purge Si Time			ge End lime		ge Flow om)	1	Gallons irged	Total C Volum Purg	mes	80% Recovery Water Leve Depth	at Sa	r Level mpling (ft-bmp)	Sam Colle Tin	ction	Sar	mple Identifica	tion
345		13	57	0.	15	9		3.3	>	9.70	6.3	0	140	4			



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Project Name: Mission Valley Rock Date: 6-11-07 Project No.: EM5009C Prepared By: Michael Schenone Well Identification: MW - 55 Weather: Hot Dex Screen: **Measurement Point Description: TOC North** Pump Intake: Water Depth to Depth to Three (3) Well Total Depth Column **LNAPL Thickness** LNAPL Above Static Water One (1) Casing Casing Screen (ft-bmp) Height Screen (ft-bmp) Level (ft-bmp) (ft-bmp) Volume (gallons) **Volumes** Volume (ft) Volume (gailons) NA 5.10 8.24 3.1 NA 0.5 1.5 Gallons/Foot Field Equipment: Horiba, 2 stage pump Well Diameter (in) 0.75 2 6 Purge Method: 2 stage pump 0.75 2 4 6 0.02 0.16 0.65 1.47 (2-00d Weil Condition: Volume Water Flow Rate Dissolved Time Temperature Casing / Screen Turbidity Conductivity Purged Level ORP Нα (gpm) Oxygen (°C) (S/m) Observations (NTU) (gallons) (ft-bmp) (mV) (mg/L) \bigcirc 1420 7.20 23.5 67.8 0.20 7.73 - 40 Clear_ WELL WENT D0-4 3 *00000x 1425 2 80% **Total Casing** Purge Start Water Level Purge End Sample Average Flow **Total Gallons** Recovery Volumes Time at Sampling Time (gpm) Collection Purged Sample Identification Water Level Purged Time (ft-bmp) Time Depth 1420 1425 0.1 0.5 5.14 1747 5.76 USED disposable handbailer to sample Notes:

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			ion Vall	ey Rock	<u> </u>				Dat	م :0	-11-07					
Project								·			ly: Mich		2020-			· · - · · · · · · · · · · · · · · · · ·
Well ide			MW-						Wes	ther:	hot	aoi oci				
Measur	ement	Point [)escriptio	n: TOC	North				Pun	np Intal	ke: 8			cr ee n:		
Depti LNA (ft-bi	PL	Stat	pth to Ic Water I (ft-bmp)	! .	Total i	- ,	Wate Colum Heigh (ft)	תנ	LNAPL Thic	kness		l) Casin	g Car	e (3) sing Imes lons)	Above Screen Volume	Screen Volume
NA	١	4:	32	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	5.48		4.2		NA		0.4	. 7	2.0		÷	_
Well	Diame	eter (in)		Ge	ilons/I	Foot		Fiel	id Equipment	∷ Ho	riba, 2 st	age pui	np			
			0.75	5 / 2		4	6	Pur	ge Method:	2 s	tage pun	np				
0.75	2	4 (3 0.02	0.1	6	0.65	1.47	Wel	l Condition:	C	rood				····	
Time	Casir	ng / Screen	Volume Purged (gallons)	1 (Rate m)	Water Level (ft-bmp)	pl	Н	Temperature (°C)	Turbid (NTU	ity Cong	luctivity	Dissolved Oxygen (mg/L)	ORP (mV)	Obse	ervations
1441	_		0				6.8	32	189	750	0.	2_1	5.07	-30	NUR	<u></u>
	<u> </u>		1				6 8	59	1છ.5	340	0.	රි	2.78	-50	1	<u> </u>
450	-		2				6.0	11	18.6	500	0.	17	2.72	-50		
		<u>.</u>														
			,													
Purge Sta Time	art	Purge En Time		age Flow gpm)		Gallons rged	Total Ca Volun Purg	nes	80% Recovery Water Leve	ւ ∣at:	ater Level Sampling e (ft-bmp)	Colle	nple oction ne	Sar	nple Identificat	ion
1441		1450	0.	22	Z	O	3.	0	1455	4	.45	14.5	5			
lotes:					***				7		-	1		***		



Page <u>5</u> of <u>2</u> •

Project	Nar	ne: A	Aissid	on Valle	y Rock		**			Date	Le -1	1007					
Project	No.	: EM	5009								red By:		al Cal				
Well Ide	entif	icatio	n:	B-WN							her: 🦙						
Measure	eme	nt Poi	nt De	scription	: TOC	North				Pump	Intake:	12,	3,2	3	cr ee n:		
Depth LNAF (ft-bn	PL		Static	th to Water ft-bmp)		Total ft-bm	Depth >)	Water Column Height (ft)	LNAPL (ft		1055	One (1) Casin (gallor	g Cas (\$) Volu	e (3) sing imes lons)	Above Screen Volume	Screen Volume
NA	<u> </u>		4.3	2	15	5.34		11.0		NA		1.74	2	5.2		-	•
Weli [Well Diameter (In)					llons/	Foot	F	ield Equip	ment:	Horib	a, 2 sta	age pur	np	<u> </u>		
			(,	0.75	2		4	6 P	urge Meth	od:	2 stag	je pum	ıp				
0.75 2	2	4	6	0.02	0.1	6	0.65	1.47 W	/ell Condi	don:	6-	.od					
Time	Cı	asing / So	reen	Volume Purged (gallons)	Flow (gp		Wate Leve (ft-bm	l pH	Temper (°C		Turbidity (NTU)	Condi	uctivity	Dissolved Oxygen (mg/L)	ORP (mV)	Obs	ervations
510	1			0				7.15	17.0		105	0.1	5	1.85	-67	_ LIE	AR
				2				7.16	ا ما ا	3	5 ما	0.1	5	1.83	-46	1	
				11				7.16	16.	5 (101	0.1	5	1.79	-43		
1519		···		b				7.16	160.	8	58	0.0	5	1.77	-40	1	,
	-										·						
Purge Sta Time	art		je End ime		ge Flow om)		Gallons irged	Total Casi Volumes Purged	Rec Wate	0% covery or Level epth	Water at San Time (f	npling	Colle	nple ection ne	Sar	mple Identifica	tion
510		15	19	0.0	7ء	(,.0	3.4	ه. ي	5 Y	14.1	15	152	5			
lotes:				<u></u>								<u> </u>	1.				

Page 6 26

Projec					Valley	11001	<u> </u>				Date	ع :	-11-0	7				
Well I											Prej	ared By	/: Mich	ael Sci	henone			
					N - 1						Wea	ther: Y	70t,	dry		creen:		
	0.,,	GIIL I	OINT D	95 C	ription:	: 100	Norti	<u> </u>			Pun	p Intak	e: 34	, ,				
LN (ft-	th to APL bmp		De Stati Level		ater		Total ft-bm	Depth p)	Wat Colus Helg (ft)	mn jht	LNAPL Thick	1	One (1 Volume	l) Casin (gallor	g Ca is) Vol	ee (3) sing umes ilons)	Above Screen Volume	Screen Volume
٨	IA		. و)	15		3°	14.8		33.3	3	NA		5.3	2	Nto	.0	-	
Wel	l Dia	mete	r (in)	_		Ga	llons/	Foot		Fie	eld Equipment	Hor	iba, 2 st	age pui	пр	<u>-</u>		
					0.75	2		4	6	Pu	irge Method:	2 st	age pun	np			<u> </u>	
0.75	2	4	ϵ		0.02	0.1	6	0.65	1.47	W	eli Condition:	(, o	od					
Time	(Casing /	Screen	Pι	olume urged allons)		Rate m)	Wate Leve (ft-bm	i i	рН	Temperature (°C)	Turbidit (NTU)		fuctivity	Dissolved Oxygen (mg/L)	ORP (mV)	Obs	ervations
543				(0				7.	78	18.8	350	0.1	14	3,84	-99		
<u>-</u>					4				7	73	18.6	750	0.	14	1.99	-105	MUR	
·····					8				7	<u>6</u>	18.6	801	0.	14	1.74	-110		
		<u>.</u>			2				7	59	18.3	243	0.	17	1.74	-114		
<u>555</u>	`			(6	 	···		7	55	18.3	375	0.	14	1.82	-110		
							· · · · · · · · · · · · · · · · · · ·											
Purge S Time	3		irge End Time		Average (gp			Gallons irged	•	Casing Imes ged	g 80% Recovery Water Leve Depth	atS	er Level ampling (ft-bmp)	Colle	nple ection	San	nple Identifica	tion
543	>	13	555		1.3	3	10	0	3.6	\circ	12.77	1 ~	95	1600				

Page <u>7</u> of <u>2</u>4

					on Valle	у коск	· · · · · · · · · · · · · · · · · · ·				Date: (0~11	- 07					
Proje											Prepared	By:	Micha	el Sci	10nono			
Well					1M-15						Weather	he	y—4.	dru		cr ee n:		
Meas	urem	ent	Pol	nt De	scription	: TOC	North				Pump Int	ake:	10.5	,		J. 6011.		
LN (ft-	pth to IAPL bmp			tatic evel (th to Water ft-bmp)		Total E	- I	Water Column Height (ft)		Thicknes: bmp)	1) Casin (gallor	g Cas	e (3) sing imes lons)	Above Screen Volume	Screen Volume
ļ	NA ————			7.9	5	11	40.		3 · (1	NA		0.5		1.5	·		-
We	ii Dia	met	er (in)		Ga	ilons/F	oot		leid Equip	ment:	loriba	ı, 2 sta	age pur	mp		······································	
	-			, , 	0.75	/ 2		4	6 F	urge Meth			e pum					
0.75	2		1	6	0.02	0.1	6/	0.65	1.47 ¥	Vell Condit	ion:	(500	od					
Time		Casing	/ Scr		Volume Purged (gallons)		Rate m)	Wate Leve (ft-bm)	l pH	Tempera (°C)		oidity (TU)	Condi	uctivity	Dissolved Oxygen (mg/L)	ORP (mV)	Obse	ervations
622				0				7.14	18.3	, Ø	2.3	0	23	2 56	-58	CLEA	. Ø	
<u>630</u>								7.18	> \7	7 04	ER	٥.	23		+ 61	Muex		
							*	WEV	r men.	yso 7	(e) \(\times\)	ppa	.0%	1.0	gallor	15		
)%							
Purge :	е		Tir		Averag (gp	m)	Pui	Gailons rged	Total Cas Volume Purged	s Rec S Wate De	cvery Level T	Vater t at Sam ime (ft-	pling -bmp)	Colle	nple ection ne	San	nple Identificat	tion
162Z		1	ج ما	50	0.1	3	١.,	0	2.0	8.9	56	92	0	174	0			



TAIT Environmental Management, Inc

Groundwater Sampling Data Sheet

Page & of 24 Volume Screen Observations 丁ソロコイ Sample Identification Volume Screen Above 00 √ 00 OHO (ye) ナ の ν. Θ Screen: Three (3) Volumes (galions) Casing S.63 + ŧ Dissolved Oxygen (mg/L) 2:25 707 E+ 2 1.97 Prepared By: Michael Schenone Sample Collection Time Horiba, 2 stage pump 1657 Volume (gailons) One (1) Casing Conductivity Weather Mot, dry 9:0 9 ₹ **** <u>e</u> 9:0 2 stage pump 1.88 10-11-07 Pump Intake: 10 Water Level at Sampling Time (ft-bmp) **4005**) $\frac{\omega}{\tilde{\omega}}$ Turbidity (NTU) 7000 **OVER** ないので ひろので LNAPL Thickness Date: Field Equipment: Recovery Water Level (ft-bmp) Temperature (°C) Well Condition: ¥ Purge Method: Depth %08 16.01 17.3 1 $c\cap$ 5 Total Casing Volumes Purged 7.20 Column Height 7:32 7.23 3.19 풉 Water ابا د £ 11.74 1.47 φ Water Level (ft-bmp) Total Gallons Purged Well Total Depth 0.65 ە بە Gallons/Foot (ft-bmp) Measurement Point Description: TOC North 19.70 Flow Rate (mdb) 9 Project Name: Mission Valley Rock €4 Average Flow (gpm) 21.0 P21-32 0.75 0.02 Purged (gallons) Volume Level (ft-bmp) Static Water Depth to 0 ہ و Y 5.0 Project No.: EM5009C Purge End Time 9 Well Identification: Well Diameter (in) 1650 Casing / Screen Depth to (ft-bmp) LNAPL Purge Start Time Q ۲ 5000 1622 1622 Time Notes: 0.75

ft-bmp = feet bekow measuring point G:\TEM\Forms\Well Sampling Field Data Sheet.doc

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TAIT Environmental Management, Inc

Well Identification	8						Prep	ared By:	Prepared By: Michael Schenone	henone			
Measurem	å	NA - 16	7 CT	1			Wea	Weather: 7	HOY, ANY		Screen:		
			2			ŀ	Pum	Pump Intake:	(s)				
Depth to LNAPL (ft-bmp)	Static Water Level (ft-bmp)	th to Water Y-bmp)	Well To (ft-l	Well Total Depth (ff-bmp)	Water Column Height (ft)		LNAPL Thickness (ff-bmp)		One (1) Casing Volume (gallons)		Three (3) Casing Volumes	Above Screen Volume	Screen Volume
AN	9·6	<u> </u>	39 5	0	31.4		AN		0.10	2			
Well Dia	Well Diameter (In)		Gallo	Gallons/Foot		Fled	Fleid Equipment:		Horiba. 2 stade numo		1		-
		0.75	2	4	9	Purge	Purge Method:		2 stade primp	2			
0.75 2	4 6	0.02	0.16	0.65	1.47	Well	Well Condition:	5	grand same				
	Casing / Screen	Volume Purged (gallons)	Flow Rate (gpm)	Water Level (ft-bmp)		Ha	Temperature (°C)	Turbidity (NTU)	Conductivity	Dissolved Oxygen	d ORP (mV)		Observations
2101		0			1	36	5.71	39.2	0:5	105,7	+	2411	C
		v			7.	7	3.	93.5	0.15	80 80 80	T.		j s
		0			<u></u>	10	4. [-	420	7.0		+) 7
HZ2		$\widehat{\mathcal{N}}$			1	200	5:11	00	0.0	88.1	777		, , , , , , , , , , , , , , , , , , ,
Purge Start Time	Purge End Time	Average Flow (gpm)		Total Gallons Purged	Total Casir Volumes Purged	Casing lumes irged	80% Recovery Water Level Depth	Water Level at Sampling Time (ft-bmp)		Sample Collection Time	SS -	Sample Identification	ion
7112	+211	1.25	10	15.0	3.0	ó	14.38	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	65 1730	30			

ft-bmp = feet below measuring point G:\TEMForms\Well Sampling Fiekl Data Sheet.doc



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TAIT Environmental Management, Inc.

Projec	t Na	ne: N	lissio	n Valley	/ Rock					Date	- ما	-12-07					
		: EM		C						Prep	ared B	y: Michae	el Sch	enone			
Well Id	lenti	icatio	n:	MW-5	d							not, d			creen:		
Measu	reme	nt Poi	nt De	scription	: TOC I	<u>lorth</u>					p Intak						
LN.	th to APL bmp)	\$		h to Water ft-bmp)	Well 1	rotal t-bmp	•	Wate Colum Heigh (ft)	מו	LNAPL Thick (ft-bmp)		One (1) Volume (g Cas s) Volu	ee (3) sing imes lons)	Above Screen Volume	Screen Volume
١	IA	,	5 - 3º	1	22.	65		17.3		NA		2.74	9	8	3	•	•
Wei	l Dia	meter	(In)		Ga	llons/	Foot		Fie	ld Equipment	Но	riba, 2 sta	ge pur	np			
			(,,,,	0.75	2		4	6	Pu	rge Method:	2 s	tage pum)				
0.75	2	4	6	0.02	0.16	5/	0.65	1.47	We	ll Condition:	Ge	 >∞d	******				
Time	c	asing / Sc		Volume Purged (gallons)	Flow (gp		Wate Leve (ft-bm)	l p	Н	Temperature (°C)	Turbid (NTU			Dissolved Oxygen (mg/L)	ORP (mV)	Obs	ervations
915				0				7.0	00	0.81	14:	2 6.7	28	3,91	-78	CIE	AQ_
				3				-7.	58	18.0	14.7	0.3	<u>3</u> 0	3.39	-82		
				رن				7	53_	18.0	13.7	0.1	32	2.17	-93		
730				9				75	52_	18.0	33.4	1 0.3	2	1.89	-98		
														······································			
Purge :			je End ime	1 7	ge Flow om)		Gallons	Total C Volum Purç	nes `	80% Recovery Water Leve Depth	at	ater Level Sampling e (ft-bmp)	Colle	nple ection ne	Sa	mple Identifica	ition
915		93	0	0.	9	9	٥.	3.2	<i>م</i> ا.	8.81	5	91	939	5			
lotes:		1						<u> </u>						1			



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Projec	et Na	ıme:	Missi	on Valley	y Rock					Date:	(9-1	12-0-	7				
		o.: EM		C						Prepared				******			
		ificatio		MW-7			<u></u>			Weather					creen:		
Measu	116m	ent Po	int De	scription	# TOC N	orth				Pump In	itake:		7/		sreen:		
LN. (ft-l	pth to IAPL -bmp)	. ;	Static Level (oth to Water (ft-bmp)	1	otal Depth -bmp)	Colu	ater lumn light ft)	n LNAPL	Thicknes -bmp)	BS (One (1) /olume		g Cas ns) Volu	ee (3) sing umes lons)	Above Screen Volume	Screen Volume
N	NA		۰، هـ)	\\	14	10	€.	φ.	ľ	NA		1.3	7	4.1		*	
Wei	il Die	ameter	(In)		Galle	ons/Foot			Field Equips	ment:	Horib	a, 2 sta	age pur	mp		-	
			\'''''	0.75	2	4	6	-	Purge Metho			je pumi		,,h			
0.75	2	4	6	0.02	0.16	0.65	1.47	1	Well Conditi		وموري						
Time		Casing / So		Volume Purged (gallons)	Flow Ra (gpm)	Le	ater evel emp)	pН	Tempera	\$	rbidity VTU)	Condu	uctivity	Dissolved Oxygen (mg/L)	ORP (mV)	Obs	ervations
953				0			7	7.له7	12 18.8	, 7.	35	0.	30	1.94	-117		exy
				2_			7	7.5	18.9	1 0'	VER	0.	30	1.85	-123	-	
				4			7	1.48	8 18.9	1 0.	VEL	10 ·	30	1-76	-128	+	
1000	<u> </u>			_5			7	7.4	47 19.0	2 D.	UER	٥.٠	29	1.74	-132		
					 												
								<u>-</u>									
Purge S Time			ge End lime		ge Flow T	Total Gallons Purged	Vo	al Cas olume 'urgec	es Reco	rlevel	Water I at Sam Time (ft	npling	Colle	nple ection me	Sam	ple Identificat	tion
953		100	50	0.	71	5.0	3.1	د ه	7.5	82	ه. م	19	100	PC			
Notes:	,		***************************************														

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Project Name: Mission Valley Rock Date: 6-12-07 Project No.: EM5009C Prepared By: Michael Schenone Well Identification: MW-105 Weather: hat, dry Screen: **Measurement Point Description: TOC North** Pump Intake: 9' Water Depth to Depth to Three (3) **Well Total Depth** Column LNAPL **LNAPL Thickness** Above Static Water One (1) Casing Casing Screen (ft-bmp) Helaht **Screen** (ft-bmp) (ft-bmp) Volume (gallons) Level (ft-bmp) Volumes Volume (ft) Volume (gallons) NA 4.84 9.58 4.7 NA 0.76 2.27 Gallons/Foot Field Equipment: Horiba, 2 stage pump Well Diameter (in) 0.75 2 4 6 Purge Method: 2 stage pump 0.75 2 4 6 0.02 0.16 0.65 1.47 Weil Condition: Good Volume Water Flow Rate Dissolved Time Casing / Screen Temperature Purged Turbidity Conductivity (≤/M) Level ORP рΗ (gpm) Oxygen (°C) (gallons) (NTU) Observations (ft-bmp) (mV) (mg/L) 1033 0 7.32 21.0 181 0.43 5.15 -48 MURKY 7.35 67.4 21.0 0.43 4.41 - 4w CLEAR 2 7.37 16.3 21.0 0.43 3.30 -43 3 1041 7.39 21.1 2.8 0.43 2.60 -43 80% Total Casing Purge Start Purae End Average Flow Water Level Sample **Total Gallons** Recovery Volumes Time Time at Sampling Collection (gpm) Purged Sample Identification Water Level Purged Time (ft-bmp) Time Depth 1041 3 1033 0.38 3.95 5.82 4.88 1045 Notes:

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Project Name: Mission Valley Rock Date: Project No.: EM5009C 6-12-07 Prepared By: Michael Schenone Well Identification: bs - WM Weather: hot dry **Measurement Point Description: TOC North** Screen: Pump Intake: 24/ Depth to Water Depth to **Well Total Depth** Three (3) LNAPL **Static Water** Column **LNAPL Thickness** Above One (1) Casing Casing (ft-bmp) (ft-bmp) Height Screen Level (ft-bmp) (ft-bmp) Screen Volume (gailons) Volumes **Volume** (ft) Volume (gallons) NA 5.45 29.54 24.1 NA 3.85 11.60 Gallons/Foot Field Equipment: Well Diameter (In) Horiba, 2 stage pump 0.75 2 6 **Purge Method:** 2 stage pump 0.75 2 4 6 0.02 0.16 0.65 1.47 **Well Condition:** Good Volume Water Flow Rate Time Casing / Screen Purged Dissolved Temperature Turbidity Level Conductivity Ηq (gpm) ORP (gallons) (°C) Oxygen (NTU) (ft-bmp) (S/M Observations (mV) (mg/L) 1055 \circ 7.70 18.5 3.5 0.26 2.59 -99 CIEAR 4 7.47 18.2 Ø 0.26 1.98 -118 8 7.39 Ø 18.2 0.25 1.68 -125 4011 7.38 Ø 18.2 0.24 1.60 - 130 80% Purge Start Purge End **Total Casing** Average Flow **Total Gallons** Water Level Sample Recovery Time Time Volumes (gpm) Purged at Sampling Collection Water Level Sample Identification Purged Time (ft-bmp) Time Depth 1055 1104 1.33 12.0 3.12 10.26 6.05 1110 Notes:

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				on Valle	y Roci	<u> </u>				Date	بها	12-0	7				
Well Id			EM5009							Prep	ared By:	Micha	el Sch	enone			·
				<u> MM - 5</u>								ے _ر +ہ			creen:		<u> </u>
measu	- U	ent	POINT DE	scriptio	n: TOC	Norti		T		Pum	p Intake:	(0.5					<u>.</u>
Dept LNA (ft-b	\PL (mp)		Static	th to Water (ft-bmp)	1	Total (ft-bm)	Depth P)	Wate Colun Heigi (ft)	מו	LNAPL Thick (ft-bmp)	ļ) Casing (galion	g Car s) Volu	e (3) sing imes ions)	Above Screen Volume	Screen Volume
N/	A 		5.3	0	12	. 29		699		NA		1.12		3.3	60	•	-
Well	Dla	met	er (in)		Ga	lions/	Foot		Fle	ld Equipment	Horib	a, 2 sta	age pun	пр			-
		Ţ		0.75	2		4	6	Pur	ge Method:		je pum					
0.75	2		4 6	0.02	0.1	6	0.65	1.47	We	li Condition:	(500	4	<u> </u>				
Time	,	Casing	/ Screen	Volume Purged (gallons)	1	Rate om)	Wate Leve (ft-bm	і р	Н	Temperature (°C)	Turbidity (NTU)	Condi	uctivity	Dissolved Oxygen (mg/L)	ORP (mV)	Obs	ervations
1129				0				7.3	37	19.0	28.9	0.5	25	1.84	-136	CIE	AR
	_			1				7.	37	18.6	30.4	0.	25	1.80	-137		
 ·				2					36	18.5	39.2	δ.	25	1.75	-137		
				3		······		7.7		18.5	44.1	0.	25	1.73	- 137		
135	+	·		Ц				7.	35	18.4	42.3	0.	25	1.71	- ١૩৪	T T	
		·····							··· .					· · · · · · · · · · · · · · · · · · ·			
Purge St Time	tart	F	urge End Time		ge Flow pm)	Total Pr	Gallons urged	Total C Volur Purg	ກອsັ	80% Recovery Water Leve Depth	Water at Sar Time (f	npling	Sarr Colle Tin	ction	San	nple Identifica	tion
1129		11	35	0.	67	4	.0	3.5	7	6.70	5.9	12	113	7			

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Project Name: Mission Valley Rock Date: 6-12-07 Project No.: EM5009C Prepared By: Michael Schenone Well Identification: MW-95 Weather: hot, dry **Measurement Point Description: TOC North** Screen: Pump Intake: 10 ' Depth to Water Depth to Three (3) **Well Total Depth** LNAPL Column **LNAPL Thickness** Static Water Above One (1) Casing Casing Screen (ft-bmp) (ft-bmp) Height Level (ft-bmp) Screen (ft-bmp) Volume (galions) **Volumes** Volume (ft) Volume (gallons) NA 3.70 12.20 8.5 NA 1.36 4.08 Gailons/Foot Field Equipment: Weil Diameter (in) Horiba, 2 stage pump 0.75 2 6 **Purge Method:** 2 stage pump 0.75 4 6 Broken WELL box concrete - needs: 0.02 0.16 /0.65 1.47 Well Condition: Volume Water Flow Rate Time Casing / Screen Dissolved Temperature Purged Conductivity Turbidity Level Нα ORP (map) Oxygen (°C) (gallons) (NTU) Observations (ft-bmp) (Sm) (mV) (mg/L) 1158 \bigcirc 7.21 18.5 870 0.28 1.85 -146 MURKY 7.24 18.4 683 0.28 1.80 -125 2 7.28 18.4 372 0.28 1.76 -120 3 7.32 18.3 481 0.28 1.72 -111 1159 4 18.3 7.33 583 0.29 1.71 -110 80% Purge Start **Total Casing** Purge End Average Flow Water Level Total Gallons Sample Recovery Volumes Time Time (gpm) at Sampling Purged Collection Water Level Sample Identification Purged Time (ft-bmp) Time Depth 1152 1159 0.57 80.4 3.0 5.40 4.73 1204 Notes:

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Project	Nan	no: A	lissic	n Valley	y Rock					Date	. /						
Project	No.	: EM	5009			······································						12-07					
Well Ide	ntif	icatio	n: r	1W - 60	5						4.0			nenone			
Measure	eme	nt Pol	nt De	scription	: TOC I	North						<u>ho⊤</u> ≈ 13′	dry		creen:		····
Depth LNAF (ft-bn	PL.	1	Static	th to Water ft-bmp)	Weil '	Totai i ft-bmp	-	Wate Colun Heigh (ft)	m	LNAPL Thick (ft-bmp)	(ness	") Casin	g Ca ns) Voi	sing umes lions)	Above Screen Volume	Screen Volume
NA	1		4.8	0	15	.00		10.2		NA		1.6	3	4.0		_	_
Weli [Dian	neter	(in)		Ga	lions/l	oot		Fle	id Equipment	Hor	ba, 2 sta	age pui	np	<u> </u>		
			1	0.75	2		4	6	Pur	ge Method:	2 st	age pur	ıp				
0.75	2	4	6	0.02	0.1	6/	0.65	1.47	We	II Condition:	6	ood					
Time	Ca	ising / Sc	i .	Volume Purged (gallons)	Flow (gp		Wate Leve (ft-bm	ј р	Н	Temperature (°C)	Turbidit (NTU)	y Cond	uctivity	Dissolved Oxygen (mg/L)	ORP (mV)	Obs	ervations
1230				0				7.0	٥2	19.8	461	0.7	۷4	1.91	-125	<u> </u>	exy
				1				7.	55	19.3	450	0.3	24	1.85	-140		<u> </u>
	+			2				و. ح	52	19.2	548	٥.	25	1.76	-143	,	
···	-			3				7.	14	19.1	845	٥.	28	1.74	-145	-	
···	-			4				٠, ٦	12	19.0	OVER	0.	29	1.75	-146		
238				5				7.4	41	19.0	OVER	0.	29	1.76	-147	1	
Purge Sta Time	ırt		e End me	Averag (gp			Gallons rged	Total C Volur Purg	nes	80% Recovery Water Level Depth	at S	er Level ampling (ft-bmp)	Colle	nple oction ne	San	nple Identifica	tion
230		123	5 %	0.0	3ء ا	5	0	3.0	7	6.84	ص ا	.10	124	3			
lotes:				· · · · · · · · · · · · · · · · · · ·						1							



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Ргоје	et N	am	: N	lissic	n Valle	y Rock					Date) ,							
Proje	ct N	o.:	EM	5009										- 07	al Sak	enone			
Well I	dent	tHI	catlo	n: N	1W - 10	ンレド				·				<u>ح</u> کے		· · · · · · · · · · · · · · · · · · ·	creen;		
Meas	uren	neı	nt Pol	nt De	scription	n: TOC	Norti	1			Pun	p Inta	ke:	34	``		C: 0011,		
LN	oth t IAPL bmp	-	!	Static	th to Water ft-bmp)	1	Total ft-bm	Depth p)	Wate Colur Helg (ft)	mn ht	LNAPL Thick		i	One (1)		g Cas s) Volu	e (3) sing imes lons)	Above Screen Volume	Screen Volume
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Wa	ii Di	an	eter	(in)		Ga	ilons	/Foot	***	F	leid Equipment	: Ho	riba	ı, 2 sta	ge pur	np			
				·····	0.75	2		4	6	P	urge Method:	2 9	stag	e pum _i)			,,,,,,	
0.75	2		4	6	0.02	0.1	6	0.65	1.47	W	Vell Condition:	(>q					7//41
Time		Ca	sing / So	reen	Volume Purged (gallons)	j.	Rate om)	Wate Leve (ft-brr	el	рН	Temperature (°C)	Turbic (NTU		Condu		Dissolved Oxygen (mg/L)	ORP (mV)	Obs	servations
300	-				0				7.	50	18.2	79.4	+	0.2	5	1.89	-172	- CIE	A.C.
					Ч				7.	(pO	18.2	56∙∶	3	0.2	.5	1.65	-168	,	
					8				7.	56	18.4	73.	9	0.3	2	1.62	-163	3	
					12				7.	56	18.3	87.	2	0.3	2	1.62	-163	,	······································
311					160				٦.	57	18.2	127		0.3	1	1.62	-163	1	•
			· · · · · · · · · · · · · · · · · · ·																
Purge Tim				je End ime		ge Flow lpm)	1	ıl Gallons 'urged	Total (Voiu Pur		s Hecovery	ı at	Sam	Level ipling -bmp)	Colie	nple oction ne	Sai	mple Identifica	ation
1300)		13	11	١. ٧	5	10	۰.0	3 -	12	14.27	8	, , 0	1	131	9			
lotes	:			•••			<u> </u>										******		

Page 18 of 26

Project Name: Mission Valley Rock Date: 6-12-07 Project No.: EM5009C Prepared By: Michael Schenone Well Identification: MW-1 Weather: hor pry **Measurement Point Description: TOC North** Screen: Pump Intake: 15/ Depth to Water Depth to Three (3) **Well Total Depth** LNAPL Column Static Water **LNAPL Thickness** Above One (1) Casing Casing Screen (ft-bmp) (ft-bmp) Height Level (ft-bmp) (ft-bmp) Screen Volume (gallons) Volumes Volume (ft) Volume (gailons) NA 4.10 17.78 13.68 NA 2.19 6.57 Gallons/Foot Fleid Equipment: Horiba, 2 stage pump Well Diameter (in) 0.75 2 6 **Purge Method:** 2 stage pump 0.75 2 6 0.02 0.16 0.65 1.47 Well Condition: (rood Volume Water Flow Rate Time Casing / Screen Dissolved Temperature Purged **Turbidity** Conductivity Level pН ORP (gpm) Oxygen (gallons) (°C) (NTU) (SM) **Observations** (ft-bmp) (mV) (mg/L) 1340 \circ 19.2 7.56 159 0.32 2.01 -143 CLEAR 2 7.5(19.2 157 0.32 1.85 141-14 7.55 19.1 165 0.32 1.94 -138 0 7.54 17.9 231 0.32 1.75 -137 Muery 1350 7 7.54 18.6 226 0.32 1.69 -136 80% **Total Casing** Purge Start Purge End Average Flow Water Level Total Gallons Sample Recovery Volumes Time Time (gpm) at Sampling Collection Purged Water Level Sample Identification Purged Time (ft-bmp) Time Depth 1350 1340 0.7 7.0 3.20 6.83 4.60 1355 Notes:



Page 19 of 26

Project Name: Mission Valley Rock Date: 6-12-07 Project No.: EM5009C Prepared By: Michael Schenone **Well Identification:** MW- 9LF Weather: hot, dry Screen: **Measurement Point Description: TOC North** Pump Intake: Depth to Water Depth to Three (3) Well Total Depth Column LNAPL **LNAPL Thickness** Above **Static Water** One (1) Casing Casing Screen (ft-bmp) Height (ft-bmp) Screen Volume (gallons) Level (ft-bmp) (ft-bmp) Volumes Volume (ft) Volume (gallons) NA 8.94 39.11 30.7 4.83 NA 14.48 Gailons/Foot Field Equipment: Horiba, 2 stage pump Well Diameter (in) 0.75 2 6 **Purge Method:** 2 stage pump 0.75 2 4 6 0.02 0.16 0.65 1.47 Well Condition: (rood Volume Water Flow Rate Time Casing / Screen Dissolved Purged Temperature Turbidity Conductivity Leve! Ha ORP (map) Oxygen (°C) (gailons) (NTU) (S M) Observations (ft-bmp) (mV) (mg/L)1415 \circ 7.78 18.1 222 0.22 1.90 -153 MURKY 5 7.74 18.2 516 0.21 2.95 -114 10 7.87 18.7 272 0.21 2.17 -137 1443 15% 7.86 18.5 150 0.21 3.01 ~ 127 80% **Purge Start Total Casing** Purge End Average Flow **Total Gallons** Water Level Sample Recovery Time Volumes Time (gpm) Purged at Sampling Collection Water Level Sample Identification Purged Time (ft-bmp) Time Depth 1415 1443 0.54 15.0 3.11 14.95 14.95 1455 Notes: 4 waiting Abe well to been ange

Page <u>20</u> of <u>2</u>6

Project Name: Mission Valley Rock Date: 6-12-07 Project No.: EM5009C Prepared By: Michael Schenone Well Identification: MW - 25 Weather: hat, dry **Measurement Point Description: TOC North** Screen: Pump Intake: 8.5 Depth to Water Depth to **Well Total Depth** Three (3) LNAPL Column **LNAPL Thickness** Static Water Above One (1) Casing Casing (ft-bmp) (ft-bmp) Height Screen Level (ft-bmp) (ft-bmp) Volume (gallons) Screen Volumes (ft) Volume Volume (galions) NA 4.93 8.71 3.78 NA 0.60 1.81 Gallons/Foot Well Diameter (in) Field Equipment: Horiba, 2 stage pump 0.75 2 6 Purge Method: 2 stage pump 0.75 2 4 6 0.02 0.16 0.65 1.47 **Weil Condition:** (See sed Volume Water Flow Rate Time Casing / Screen Dissolved Purged Temperature Turbidity Level Conductivity Hq (gpm) ORP (gallons) (°C) Oxygen (NTU) (ft-bmp) $(> | \sim)$ Observations (mV)(mg/L) 1518 0 7.40 12.0 2.07 0.23 2.12 -122 ţ 7.36 20.3 324 0.23 1.81 -127 1530 7.36 20.4 446 0.22 3.91 -126 Purge Start 80% Purge End **Total Casing** Average Flow **Total Gallons** Water Level Sample Recovery Time Time Volumes (gpm) Purged at Sampling Collection Water Level Sample Identification Purged Time (ft-bmp) Time Depth 1518 1530 0.17 2.0 3.33 5.68 5.68 1545 Notes:



Page <u>21</u> of <u>26</u>

Project Na	me:	Missic	n Valle	y Rock					Date	10-	12-07					
Project No	.: E	M5009	C							ared By:	·····	el Sch	enone			
Well Ident	ficat	lon:	MW -	115						ther: 🦙		·~4		cr oe n:		
Measurem	ent P	oint De	scription	: TOC I	North]			·····	p intake		·) —				
Depth to LNAPL (ft-bmp		Static	th to Water ft-bmp)		Fotal ft-bm _l	Depth p)	Wat Colu Heig (ft	mn Jht	LNAPL Thick (ft-bmp)		One (1) Volume		Ca:	e (3) sing imes lons)	Above Screen Volume	Screen Volume
NA		5.7	2	৭	.43		3.7	{	NA		0.50	!	1.7	8	_	-
Well Dia	mete	er (in)		Ga	lions/	Foot		Fi	ield Equipment:	Horil	oa, 2 sta	ge pun	np			
	,	. (,	0.75	2		4	6	Pi	urge Method:	2 sta	ge pum	p				
0.75 2	4	6	0.02	0.1	6	0.65	1.47	W	ell Condition:	(500	od .					
Time	Casing .	Screen	Volume Purged (gallons)	1	Rate m)	Wate Leve (ft-bm	el	рН	Temperature (°C)	Turbidity (NTU)	Condu	ıctivity	Dissolved Oxygen (mg/L)	ORP (mV)	Obs	ervations
551			0			,	7	.38	20.0	۱۰۹ع)	0.	20	3.17	-121	CLE	u.e.
	· · · · · · · · · · · · · · · · · · ·		1				7.	.40	20.0	82.4	0.	7	2.76	-124	1	
00ما							7	39	19.8	76.2	0	18	1.99	-128	Ţ	
Purge Start Time	Р	urge End Time		ge Flow pm)		l Gallons urged		Casii umes irged	Mecovery	, at Sa	er Level ampling (ft-bmp)	Sam Colle Tir	ction	Sar	mple identifica	tion
1551	10	600	δ.	22	2	0	3.	39	6.46	(a.	10	160	4			

Page 22 of کلت

Project Name: Mission Valley Rock Date: 6-12-07 Project No.: EM5009C Prepared By: Michael Schenone Well Identification: MW-109 Weather: hot day **Measurement Point Description: TOC North** Screen: Pump Intake: 16 Water Depth to Depth to Three (3) **Well Total Depth** LNAPL Column **LNAPL Thickness** Static Water Above One (1) Casing Casing Screen (ft-bmp) Height (ft-bmp) Level (ft-bmp) (ft-bmp) Screen Volume (gallons) Volumes Volume (ft) Volume (gailons) NA 7.13 19.38 12.25 NA 1.96 5.88 Gallons/Foot Field Equipment: Well Diameter (in) Horiba, 2 stage pump 0.75 2 6 Purge Method: 2 stage pump 0.75 2 4 6 0.02 0.16 0.65 1.47 **Well Condition:** (mood Volume Water Flow Rate Time Casing / Screen Dissolved Purged Temperature Turbidity Conductivity Level pН ORP (gpm) Oxygen (gallons) (°C) (NTU) (5m) (ft-bmp) Observations (mV) (mg/L)1620 0 7.27 18.8 45.9 0.30 4.73 - (47 C/EAR 7.64 17.5 86.4 0.38 2.21 -155 4 7.45 17.5 103 0.38 1.95 >155 1637 (0 7.60 17.6 182 0.38 1.79 -155 muexa 80% Purge Start Purge End **Total Casing** Average Flow **Total Gallons** Water Level Sample Recovery Time Volumes Time (gpm) Purged at Sampling Collection Water Level Sample Identification Purged Time (ft-bmp) Time Depth 1637 1620 0.35 (a. b) 3.06 9.58 1041 1641 Notes: 785

Page 23 of 24

Project				on Valle	, 1100					Date	0: لو۔/	3-0	7				
Well Ide				·	, ,					Pre	pared By:	Mich	ael Sci	henone			
	*******			MW - 1 escription		81 41					ther: 🦙		ν~k		creen:		
	O (III)	JIII FO	int De	всприоп	: 100	North				Pun	np intake:	ارد	, ,				
Depti LNA (ft-br	PL mp)		Static	th to Water (ft-bmp)		Totai (ft-bm _i	Depth p)	Wate Colum Heigh (ft)	n LN/	APL Thici (ft-bmp	1		l) Casir 9 (gallor	ng Ca ns) Volu	sing umes lons)	Above Screen Volume	Screer Volume
NA	\		ه ۱۷		20	.50		14.36	>	NA		2.30	5	(م. 8	39	•	
Well I	Dia	meter	(ln)		Ga	illons/	Foot		Field Ed	ulpment	: Horit	oa, 2 st	age pu				····
		,		0.75	2		4	6	Purge N	lethod:		ge pun					
0.75	2	4	6	0.02	0.1	6	0.65	1.47	Well Co	ndition:	رصور)						
Time	С	asing / S	creen	Volume Purged (gallons)	1 .	Rate om)	Wate Level (ft-bm;	l pi	Ten	nperature (°C)	Turbidity (NTU)	Cong	fuctivity	Dissolved Oxygen (mg/L)	ORP (mV)	Obse	ervations
710	-			0				8.5	3 1	8.6	OVER	0.	17	7.55	- 61	she	en/od
				22				8.3	5 1	८. ५	OVER	0.	17	7.07	-84		
				4				8.0	0 1	B.5	OVER	 	17	6.17	 	mor	243
				6				7.4		8.4	OVER	0.		4.99	-89		
				7				7.5		8.4	8عاما				-91		
			-4	' છ				7.4		8.4		0.		4.28	-98		
128		···	4								404		17	1.83	-98		
	_						<u> </u>	7.4	12 11	8.4	282	0.1	17	1.79	-99		
Purge Sta Time	ert	-	je End ime	Averag (gp	om)	Pι	Gallons Irged	Total Ca Volun Purg	nes 📗 ,	80% Recovery Vater Leve Depth	ı at Sar	Level mpling ft-bmp)	Colle	mple ection me	San	nple Identificati	ion
910	İ	92	.	0.	5	9	.0	3.9	1	9.01	7.2	ц	93				

Groundwater Sampling Data Sheet

Page 24 of 24

Project Name: Mission Valley Rock Date: 6-13-07 Project No.: EM5009C Prepared By: Michael Schenone Well Identification: MW-60d Weather: hot, dry **Measurement Point Description: TOC North** Screen: Pump Intake: 2년/ Depth to Water Depth to Three (3) **Weil Total Depth** LNAPL Static Water Column **LNAPL Thickness** Above One (1) Casing Casing (ft-bmp) Screen (ft-bmp) Height Level (ft-bmp) (ft-bmp) Volume (gallons) Screen **Volumes** Volume (ft) Volume (galions) NA 5.93 29.15 23.72 NA 3.72 11.15 Gallons/Foot Field Equipment: Well Diameter (In) Horiba, 2 stage pump 0.75 2 4 6 **Purge Method:** 2 stage pump 0.75 2 4 6 0.02 0.16 0.65 1.47 Well Condition: (sood Volume Water Flow Rate Time Casing / Screen Purged Temperature Dissolved Turbidity Conductivity Level Нα (gpm) ORP (gailons) (°C) Oxygen (NTU) (5 m) (ft-bmp) Observations (mV) (mg/L) 951 \circ 19.1 7.38 100 0.21 2.87 -128 CIEAR ц 7.52 18.6 112 0.22 2.02 ~13ろ 7 7.54 18.5 92.8 1.73 0.21 - 135 1000 12 7.56 18.5 101 0.21 1.72 -137 Purge Start 80% Purge End **Total Casing** Average Flow **Total Gallons** Water Level Sample Recovery Time Time Volumes (gpm) at Sampling Purged Collection Water Level Sample Identification Purged Time (ft-bmp) Time Depth 951 1000 1.33 12.0 3.23 10.57 6.84 1006 **Notes:**



Groundwater Sampling Data Sheet

مِكِ2 Page 25 of

Project Name: Mission Valley Rock Date: Le-13-07 Project No.: EM5009C Prepared By: Michael Schenone Well Identification: MW-96 Weather: hot <u>. d~4</u> **Measurement Point Description: TOC North** Screen: Pump Intake: 19/ Water Depth to Depth to Three (3) Well Total Depth Column LNAPL **LNAPL Thickness Static Water** Above One (1) Casing Casing Screen (ft-bmp) Helaht (ft-bmp) Level (ft-bmp) (ft-bmp) Screen Volume (gallons) **Volumes** Volume (ft) Volume (gailons) 5.19 NA 24.28 19.09 3,05 NA 9.16 Gallons/Foot Field Equipment: Horiba, 2 stage pump Well Diameter (In) 0.75 2 4 6 Purge Method: 2 stage pump 0.75 2 4 6 0.02 0.16 0.65 1.47 Well Condition: (sood Volume Water Flow Rate Time Casing / Screen Dissolved Purged Temperature Turbidity Level Conductivity ρН ORP (gpm) Oxygen (°C) (gallons) (Sm (NTU) Observations (ft-bmp) (mV) (mg/L) 1024 0 7.49 18.2 OVER 0.24 3.50 ~132 odur Sheen 3 7.48 18.6 OVER 0.25 2.18 -145 NUEKY 7.49 18.3 0.25 ONER 2.03 -140 9 7.49 17.9 DVER 0.24 1.69 -150 1044 10 7.49 B. [] OVER 0.24 1.68 -151 80% Purge Start Total Casing Purge End Average Flow Water Level Total Gallons Sample Recovery Time Volumes Time at Sampling (gpm) Purged Collection Water Level Sample Identification Purged Time (ft-bmp) Time Depth 1024 4401 0.5 10.0 3.28 9.00 6.92 1048 for well water to stabilize (TEMP) Notes: 😼

Groundwater Sampling Data Sheet

م<u>ا 2</u> Page <u>کان</u> of

Project No. Well Identif Measureme								Date:							
		MW-	7 1				I	repar	ed By:	Mich	ael Sc	henone			
				-4L				Veath	er: 🦙	o+ , c	4~F		icreen:		
	· ·		. 100 NO	<u>u</u>			1	ump	Intake	: 18	, ,			· · · · · · · · · · · · · · · · · · ·	
Depth to LNAPL (ft-bmp)	Stati Level	pth to c Water (ft-bmp)	Well Tot (ft-b	-	Col He	ater lumn ight ft)	LNAPL T				1) Casir • (galio:	g Ca ns) Vol	ee (3) sing umes ilons)	Above Screen Volume	Screen Volume
NA	4.9	5	23.(e (18.	حاما.	N.	A		2.9	19	8.			
Well Dian	notor (lu)		Gallor	s/Foot		F	leid Equipm	ent:	Horit				700	-	-
		0.75	2	4	6		urge Method	······		ge pun	age pu	mp			
0.75 2	4 6	0.02	0.16	0.65	1.47		eli Conditio			ge pui	ub				
	asing / Screen	Volume Purged (gallons)	Flow Rate (gpm)	Wa Lev (ft-br	/el	рН	Temperatu (°C)	ire T	urbidity (NTU)	Cong	fuctivity	Dissolved Oxygen	ORP (mV)	Obse	ervations
1113		0			-	7.52	18.0	0	VER	0.1		(mg/L) 4.33			
		3				1.48	18.0	0	VER	0.		1.79	-159	MUE	<u>vy</u>
		6			-	7.48	18.0	0.	JER	0.		1.76	-163		
130		9			_	7.49	18.0	0	VEL	0.		1.74	-162	ļ	
													-103	\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \	
Purge Start							80%		-						
Time	Purge End Time	Average (gpi		al Gallons Purged	Vol	l Casin lumes irged	10	ery evel	Water at Sar Time (f	npling	San Colle Tin	ction	Sam	ple Identificati	on
lotes: *wo	1130	0.5	3 '	9.0	3	.01	868		* 8.0	<u></u> 48	113				

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

Chain of Custody Record

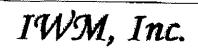
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						+ OXY	8260 BTEX, OXY only		8021 BTEX	8015M (gasoline)	8015M (diesel)	/ Ext./Carbon Chain	6010/7000 Title 22 Metais					Laboratory ID #					Total # of containers
0I- ID	D		Sample	Container	8260	960	097	8270	21	1151	151	8015M	10/					bor					1 4
Sample ID	Date Sampled		Туре	Type Vos	8	82		8	ω	38	8	8	199					La	Co	mme	ents/Pre	servative	. 6
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SunStar Laboratories, Inc. 3002 Dow Ave., Ste. 212 Tustin, CA 92780 714-505-4010

Chain of Custody Record

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APPENDIX C CERTIFICATE OF DISPOSAL



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

CERTIFICATE OF DISPOSAL

Generator Name;	Mission Valley Rock Company	Facility Name:	Mission Valley Rock
Address:	7999 Athenour Way	Address:	7999 Athenour Way
	Sunol, CA 94586	~~	Sunol, CA 94586
Contact:	Mort Calvert	Facility Contact:	Mike Schenone, TAIT Environmental
Phone:	925.862.2257	Phone:	916.858.1060

 IWM Job #:
 96982 DE

 Description of Waste:
 4 Drums of

 Non-Hazardous
 Water

 Removal Date:
 7/2/07

 Ticket #:
 SP020707-MISC

<u>Transp</u>	orter Information	Dispos	sal Facility Information
Name:	IWM, Inc.	Name:	Seaport Refining & Environmental
Address:	1945 Concourse Drive	Address:	700 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.

Million To To To The Control of the	Villower ?	್ಯೋ ಹೌಗ್⊏	
william 1. DeLon '			7/2/07
Authorized Representative	ive (Print Name and	d Signature)	Date

APPENDIX D TEM LABORATORY REPORT

26 June 2007

Michael Schenone 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 06/16/07 09:30. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Albert Vargas For John Shepler

allee Turgas

Laboratory Director

Project: Mission Valley Rock

Project Number: EM5009C Project Manager: Michael Schenone **Reported:** 06/26/07 09:49

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW-4s	T700784-01	Water	06/11/07 13:31	06/16/07 09:30
MW-4d	T700784-02	Water	06/11/07 14:04	06/16/07 09:30
MW-5s	T700784-03	Water	06/11/07 17:47	06/16/07 09:30
MW-7s	T700784-04	Water	06/11/07 14:55	06/16/07 09:30
MW-8	T700784-05	Water	06/11/07 15:25	06/16/07 09:30
MW-11 LF	T700784-06	Water	06/11/07 16:02	06/16/07 09:30
MW-12s	T700784-07	Water	06/11/07 18:00	06/16/07 09:30
MW-12d	T700784-08	Water	06/11/07 16:57	06/16/07 09:30
MW-12 LF	T700784-09	Water	06/11/07 17:30	06/16/07 09:30
EQUIP 1	T700784-10	Water	06/11/07 17:58	06/16/07 09:30
MW-5d	T700784-11	Water	06/12/07 09:35	06/16/07 09:30
MW-3	T700784-12	Water	06/12/07 10:04	06/16/07 09:30
MW-10s	T700784-13	Water	06/12/07 10:45	06/16/07 09:30
MW-2d	T700784-14	Water	06/12/07 11:10	06/16/07 09:30
MW-2m	T700784-15	Water	06/12/07 11:37	06/16/07 09:30
MW-9s	T700784-16	Water	06/12/07 12:04	06/16/07 09:30
MW-6s	T700784-17	Water	06/12/07 12:43	06/16/07 09:30
MW-10 LF	T700784-18	Water	06/12/07 13:16	06/16/07 09:30
MW-1	T700784-19	Water	06/12/07 13:55	06/16/07 09:30
MW-9 LF	T700784-20	Water	06/12/07 14:55	06/16/07 09:30
MW-2s	T700784-21	Water	06/12/07 15:45	06/16/07 09:30
MW-11s	T700784-22	Water	06/12/07 16:06	06/16/07 09:30
MW-10d	T700784-23	Water	06/12/07 16:41	06/16/07 09:30
EQUIP 2	T700784-24	Water	06/12/07 17:07	06/16/07 09:30
MW-11d	T700784-25	Water	06/13/07 09:34	06/16/07 09:30
MW-6d	T700784-26	Water	06/13/07 10:06	06/16/07 09:30
MW-9d	T700784-27	Water	06/13/07 10:48	06/16/07 09:30
MW-7d	T700784-28	Water	06/13/07 11:35	06/16/07 09:30
EQUIP 3	T700784-29	Water	06/13/07 12:13	06/16/07 09:30

SunStar Laboratories, Inc.

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Tait EnvironmentalProject: Mission Valley Rock701 N. Parkcenter DriveProject Number: EM5009CReported:Santa Ana CA, 92705Project Manager: Michael Schenone06/26/07 09:49

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allee Tagas

Project: Mission Valley Rock

Project Number: EM5009C Project Manager: Michael Schenone

Reported: 06/26/07 09:49

MW-4s T700784-01(Water)

			170070	7-01(11 al	, ,					
Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
			SunStar La	aboratorie	s, Inc.					
Purgeable Petroleum Hydrocarb	ons by EPA 801	5m								
C6-C12 (GRO)	ND		50	ug/l	1	7061913	06/19/07	06/20/07	EPA 8015m	
Surrogate: 4-Bromofluorobenzene			91.8 %	65-13	35	"	"	"	"	
Extractable Petroleum Hydrocar	bons by 8015m									
Diesel Range Hydrocarbons	ND	0.098	0.50	mg/l	1	7061902	06/18/07	06/19/07	EPA 8015m	
Surrogate: p-Terphenyl			92.0 %	65-13	35	"	"	"	"	
Volatile Organic Compounds by	EPA Method 82	60B								
Methyl tert-butyl ether	ND		1.0	ug/l	1	7061911	06/19/07	06/19/07	EPA 8260B	
Toluene	ND		0.50	"	"	"	"	"	"	
Tert-butyl alcohol	ND		10	"	"	"	"	"	"	
o-Xylene	ND		0.50	"	"	"	"	"	"	
m,p-Xylene	ND		1.0	"	"	"	"	"	"	
Ethylbenzene	ND		0.50	"	"	"	"	"	"	
Tert-amyl methyl ether	ND		2.0	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND		2.0	"	"	"	"	"	"	
Benzene	ND		0.50	"	"	"	"	"	"	
Di-isopropyl ether	ND		2.0	"	"	"	"	"	"	
Surrogate: Toluene-d8			99.2 %	85-11	15	"	"	"	"	
Surrogate: 4-Bromofluorobenzene			99.1 %	84-11	18	"	"	"	"	
Surrogate: Dibromofluoromethane			82.1 %	66-12	24	"	"	"	"	

SunStar Laboratories, Inc.

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Project: Mission Valley Rock

Project Number: EM5009C Project Manager: Michael Schenone

Reported: 06/26/07 09:49

MW-4d T700784-02(Water)

			=,,,,		,					
Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
			SunStar L	aboratorie	s, Inc.					
Purgeable Petroleum Hydrocarb	ons by EPA 801	5m								
C6-C12 (GRO)	ND		50	ug/l	1	7061913	06/19/07	06/20/07	EPA 8015m	
Surrogate: 4-Bromofluorobenzene			97.6 %	65-13	5	"	"	"	"	
Extractable Petroleum Hydrocar	bons by 8015m									
Diesel Range Hydrocarbons	ND	0.098	0.50	mg/l	1	7061902	06/18/07	06/19/07	EPA 8015m	
Surrogate: p-Terphenyl			97.3 %	65-13	5	"	"	"	"	
Volatile Organic Compounds by	EPA Method 82	60B								
Ethyl tert-butyl ether	ND		2.0	ug/l	1	7061911	06/19/07	06/19/07	EPA 8260B	
o-Xylene	ND		0.50	"	"	"	"	"	"	
Toluene	ND		0.50	"	"	"	"	"	"	
Tert-amyl methyl ether	ND		2.0	"	"	"	"	"	"	
Methyl tert-butyl ether	ND		1.0	"	"	"	"	"	"	
m,p-Xylene	ND		1.0	"	"	"	"	"	"	
Ethylbenzene	ND		0.50	"	"	"	"	"	"	
Tert-butyl alcohol	ND		10	"	"	"	"	"	"	
Benzene	ND		0.50	"	"	"	"	"	"	
Di-isopropyl ether	ND		2.0	"	"	"	"	"	"	
Surrogate: Toluene-d8			98.2 %	85-11	5	"	"	"	"	
Surrogate: Dibromofluoromethane			80.5 %	66-12	4	"	"	"	"	
Surrogate: 4-Bromofluorobenzene			98.5 %	84-11	8	"	"	"	"	

SunStar Laboratories, Inc.

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Project: Mission Valley Rock

Project Number: EM5009C Project Manager: Michael Schenone

Reported: 06/26/07 09:49

MW-5s T700784-03(Water)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
			SunStar La	aboratorio	es, Inc.					
Purgeable Petroleum Hydrocarb	ons by EPA 801	5m								
C6-C12 (GRO)	ND		50	ug/l	1	7061913	06/19/07	06/21/07	EPA 8015m	
Surrogate: 4-Bromofluorobenzene			90.5 %	65-1	35	"	"	"	"	
Extractable Petroleum Hydrocar	bons by 8015m									
Diesel Range Hydrocarbons	ND	0.098	0.50	mg/l	1	7061902	06/18/07	06/19/07	EPA 8015m	
Surrogate: p-Terphenyl			80.3 %	65-1	35	"	"	"	"	
Volatile Organic Compounds by	EPA Method 82	60B								
Tert-butyl alcohol	ND		10	ug/l	1	7061911	06/19/07	06/19/07	EPA 8260B	
Tert-amyl methyl ether	ND		2.0	"	"	"	"	"	"	
o-Xylene	ND		0.50	"	"	"	"	"	"	
Methyl tert-butyl ether	2.2		1.0	"	"	"	"	"	"	
m,p-Xylene	ND		1.0	"	"	"	"	"	"	
Toluene	ND		0.50	"	"	"	"	"	"	
Di-isopropyl ether	ND		2.0	"	"	"	"	"	"	
Benzene	ND		0.50	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND		2.0	"	"	"	"	"	"	
Ethylbenzene	ND		0.50	"	"	"	"	"	"	
Surrogate: Toluene-d8			97.5 %	85-1	15	"	"	"	"	
Surrogate: Dibromofluoromethane			84.4 %	66-1	24	"	"	"	"	
Surrogate: 4-Bromofluorobenzene			99.1 %	84-1	18	"	"	"	"	

SunStar Laboratories, Inc.

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Project: Mission Valley Rock

Project Number: EM5009C Project Manager: Michael Schenone

Reported: 06/26/07 09:49

MW-7s T700784-04(Water)

			D							
Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
			SunStar L	aboratorie	s, Inc.					
Purgeable Petroleum Hydrocarbo	ons by EPA 801	15m								
C6-C12 (GRO)	64		50	ug/l	1	7061913	06/19/07	06/21/07	EPA 8015m	
Surrogate: 4-Bromofluorobenzene			90.1 %	65-13	25	"	"	"	"	
Extractable Petroleum Hydrocar	bons by 8015m	l								
Diesel Range Hydrocarbons	ND	0.098	0.50	mg/l	1	7061902	06/18/07	06/19/07	EPA 8015m	
Surrogate: p-Terphenyl			105 %	65-13	25	"	"	"	"	
Volatile Organic Compounds by	EPA Method 8	260B								
Ethylbenzene	ND		0.50	ug/l	1	7061911	06/19/07	06/19/07	EPA 8260B	
m,p-Xylene	ND		1.0	"	"	"	"	"	"	
Methyl tert-butyl ether	ND		1.0	"	"	"	"	"	"	
o-Xylene	ND		0.50	"	"	"	"	"	"	
Tert-amyl methyl ether	ND		2.0	"	"	"	"	"	"	
Tert-butyl alcohol	ND		10	"	"	"	"	"	"	
Toluene	ND		0.50	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND		2.0	"	"	"	"	"	"	
Benzene	ND		0.50	"	"	"	"	"	"	
Di-isopropyl ether	ND		2.0	"	"	"	"	"	n .	
Surrogate: Toluene-d8			99.9 %	85-11	5	"	"	"	"	
Surrogate: 4-Bromofluorobenzene			99.1 %	84-11	8	"	"	"	"	
Surrogate: Dibromofluoromethane			82.5 %	66-12	:4	"	"	"	"	

SunStar Laboratories, Inc.

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Project: Mission Valley Rock

Project Number: EM5009C Project Manager: Michael Schenone

Reported: 06/26/07 09:49

MW-8 T700784-05(Water)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
			SunStar La	aboratorie	s, Inc.	_				
Purgeable Petroleum Hydrocarb	ons by EPA 80	15m								
C6-C12 (GRO)	ND		50	ug/l	1	7061913	06/19/07	06/21/07	EPA 8015m	
Surrogate: 4-Bromofluorobenzene			93.0 %	65-13	5	"	"	"	"	
Extractable Petroleum Hydrocar	bons by 8015m	1								
Diesel Range Hydrocarbons	ND	0.098	0.50	mg/l	1	7061902	06/18/07	06/19/07	EPA 8015m	
Surrogate: p-Terphenyl			90.5 %	65-13	5	"	"	"	"	
Volatile Organic Compounds by	EPA Method 8	3260B								
Ethyl tert-butyl ether	ND		2.0	ug/l	1	7061911	06/19/07	06/19/07	EPA 8260B	
Tert-butyl alcohol	ND		10	"	"	"	"	"	"	
Tert-amyl methyl ether	ND		2.0	"	"	"	"	"	"	
o-Xylene	ND		0.50	"	"	"	"	"	"	
Methyl tert-butyl ether	ND		1.0	"	"	"	"	"	"	
m,p-Xylene	ND		1.0	"	"	"	"	"	"	
Toluene	ND		0.50	"	"	"	"	"	"	
Ethylbenzene	ND		0.50	n	"	"	"	"	"	
Benzene	ND		0.50	n	"	"	"	"	"	
Di-isopropyl ether	ND		2.0	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane			85.5 %	66-12	4	"	"	"	"	
Surrogate: Toluene-d8			100 %	85-11	5	"	"	"	"	
Surrogate: 4-Bromofluorobenzene			98.8 %	84-11	8	"	"	"	"	

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Project: Mission Valley Rock

Project Number: EM5009C Project Manager: Michael Schenone

Reported: 06/26/07 09:49

MW-11 LF T700784-06(Water)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
			SunStar L	aboratorio	es, Inc.					
Purgeable Petroleum Hydrocarb	ons by EPA 801	5m								
C6-C12 (GRO)	ND		50	ug/l	1	7061913	06/19/07	06/21/07	EPA 8015m	
Surrogate: 4-Bromofluorobenzene			92.9 %	65-1	35	"	"	"	"	
Extractable Petroleum Hydrocar	bons by 8015m									
Diesel Range Hydrocarbons	ND	0.098	0.50	mg/l	1	7061902	06/18/07	06/19/07	EPA 8015m	
Surrogate: p-Terphenyl			86.3 %	65-1	35	"	"	"	"	
Volatile Organic Compounds by	EPA Method 82	60B								
Ethylbenzene	ND		0.50	ug/l	1	7061911	06/19/07	06/19/07	EPA 8260B	
Tert-butyl alcohol	ND		10	"	"	"	"	"	"	
Tert-amyl methyl ether	ND		2.0	"	"	"	"	"	"	
o-Xylene	ND		0.50	"	"	"	"	"	"	
Methyl tert-butyl ether	110		1.0	"	"	"	"	"	"	
m,p-Xylene	ND		1.0	"	"	"	"	"	"	
Toluene	ND		0.50	"	"	"	"	"	"	
Di-isopropyl ether	ND		2.0	"	"	"	"	"	"	
Benzene	ND		0.50	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND		2.0	"	"	"	"	"	"	
Surrogate: Toluene-d8			99.1 %	85-1	15	"	"	"	"	
Surrogate: Dibromofluoromethane			83.9 %	66-1	24	"	"	"	"	
Surrogate: 4-Bromofluorobenzene			99.1 %	84-1	18	"	"	"	"	

SunStar Laboratories, Inc.

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Project: Mission Valley Rock

Project Number: EM5009C Project Manager: Michael Schenone

Reported: 06/26/07 09:49

MW-12s T700784-07(Water)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
			SunStar La	aboratorie	s, Inc.					
Purgeable Petroleum Hydrocarb	ons by EPA 80	15m								
C6-C12 (GRO)	ND		50	ug/l	1	7061913	06/19/07	06/21/07	EPA 8015m	
Surrogate: 4-Bromofluorobenzene			91.8 %	65-13	5	"	"	"	"	
Extractable Petroleum Hydrocar	bons by 8015m	1								
Diesel Range Hydrocarbons	ND	0.098	0.50	mg/l	1	7061902	06/18/07	06/19/07	EPA 8015m	
Surrogate: p-Terphenyl			89.3 %	65-13	5	"	"	"	"	
Volatile Organic Compounds by	EPA Method 8	3260B								
Methyl tert-butyl ether	ND		1.0	ug/l	1	7061911	06/19/07	06/19/07	EPA 8260B	
o-Xylene	ND		0.50	"	"	"	"	"	"	
Tert-amyl methyl ether	ND		2.0	"	"	"	"	"	"	
Tert-butyl alcohol	19		10	"	"	"	"	"	"	
Toluene	ND		0.50	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND		2.0	"	"	"	"	"	"	
Ethylbenzene	ND		0.50	"	"	"	"	"	"	
Benzene	ND		0.50	"	"	"	"	"	"	
Di-isopropyl ether	ND		2.0	"	"	"	"	"	"	
m,p-Xylene	ND		1.0	n	"	"	"	"	n	
Surrogate: Toluene-d8			99.8 %	85-11	5	"	"	"	"	
Surrogate: 4-Bromofluorobenzene			98.5 %	84-11	8	"	"	"	"	
Surrogate: Dibromofluoromethane			85.5 %	66-12	4	"	"	"	"	

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Allen Tangas

Project: Mission Valley Rock

Project Number: EM5009C Project Manager: Michael Schenone

Reported: 06/26/07 09:49

MW-12d T700784-08(Water)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
			SunStar La	aboratorie	s, Inc.					
Purgeable Petroleum Hydrocarbo	ons by EPA 801	.5m								
C6-C12 (GRO)	ND		50	ug/l	1	7061913	06/19/07	06/21/07	EPA 8015m	
Surrogate: 4-Bromofluorobenzene			94.1 %	65-1.	35	"	"	"	"	
Extractable Petroleum Hydrocar	bons by 8015m									
Diesel Range Hydrocarbons	ND	0.098	0.50	mg/l	1	7061902	06/18/07	06/19/07	EPA 8015m	
Surrogate: p-Terphenyl			89.6 %	65-1.	35	"	"	"	"	
Volatile Organic Compounds by	EPA Method 82	260B								
o-Xylene	ND		0.50	ug/l	1	7061911	06/19/07	06/19/07	EPA 8260B	
Ethylbenzene	ND		0.50	"	"	"	"	"	"	
Toluene	ND		0.50	"	"	"	"	"	"	
Tert-amyl methyl ether	ND		2.0	"	"	"	"	"	"	
Methyl tert-butyl ether	ND		1.0	"	"	"	"	"	"	
m,p-Xylene	ND		1.0	"	"	"	"	"	"	
Tert-butyl alcohol	ND		10	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND		2.0	"	"	"	"	"	"	
Benzene	ND		0.50	"	"	"	"	"	"	
Di-isopropyl ether	ND		2.0	n .	"	"	"	"	n	
Surrogate: Toluene-d8			99.1 %	85-1	15	"	"	"	"	
Surrogate: 4-Bromofluorobenzene			95.6 %	84-1	18	"	"	"	"	
Surrogate: Dibromofluoromethane			85.2 %	66-12	24	"	"	"	"	

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Project: Mission Valley Rock

Project Number: EM5009C Project Manager: Michael Schenone

Reported: 06/26/07 09:49

MW-12 LF T700784-09(Water)

1913 06/19/07 " " 1902 06/18/07	Analyzed 06/21/07	Method EPA 8015m	Notes
" "			
" "			
" "			
	"	"	
1902 06/18/07			
1902 06/18/07			
	06/19/07	EPA 8015m	
" "	"	"	
1911 06/19/07	06/19/07	EPA 8260B	
"	"	"	
"	"	"	
"	"	"	
, "	"	"	
"	"	"	
. "	"	"	
. "	"	"	
" "	"	"	
" "	"	"	
" "	"	"	
" "	"	"	
" "	"	"	
1	911 06/19/07	911 06/19/07 06/19/07	911 06/19/07 06/19/07 EPA 8260B " " " " " " " " " " " " " " " " " " "

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.

Allen Tangas

Project: Mission Valley Rock

Project Number: EM5009C Project Manager: Michael Schenone

Reported: 06/26/07 09:49

EQUIP 1 T700784-10(Water)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
,					_		1			
			SunStar La	aboratories	s, Inc.					
Purgeable Petroleum Hydrocarb	ons by EPA 80	15m								
C6-C12 (GRO)	59		50	ug/l	1	7061913	06/19/07	06/21/07	EPA 8015m	
Surrogate: 4-Bromofluorobenzene			91.2 %	65-13	5	"	"	"	"	
Extractable Petroleum Hydrocar	bons by 8015m	ı								
Diesel Range Hydrocarbons	ND	0.098	0.50	mg/l	1	7061902	06/18/07	06/19/07	EPA 8015m	
Surrogate: p-Terphenyl			71.6 %	65-13	5	"	"	"	"	
Volatile Organic Compounds by	EPA Method 8	260B								
Methyl tert-butyl ether	ND		1.0	ug/l	1	7061911	06/19/07	06/19/07	EPA 8260B	
Toluene	ND		0.50	"	"	"	"	"	"	
Tert-butyl alcohol	17		10	"	"	"	"	"	"	
o-Xylene	ND		0.50	"	"	"	"	"	"	
m,p-Xylene	ND		1.0	"	"	"	"	"	"	
Ethylbenzene	ND		0.50	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND		2.0	"	"	"	"	"	"	
Tert-amyl methyl ether	ND		2.0	"	"	"	"	"	"	
Benzene	ND		0.50	"	"	"	"	"	"	
Di-isopropyl ether	ND		2.0	"	"	"	"	"	"	
Surrogate: Toluene-d8			99.5 %	85-11	5	"	"	"	"	
Surrogate: Dibromofluoromethane			85.8 %	66-12	4	"	"	"	"	
Surrogate: 4-Bromofluorobenzene			97.2 %	84-11	8	"	"	"	"	

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Project: Mission Valley Rock

Project Number: EM5009C Project Manager: Michael Schenone

Reported: 06/26/07 09:49

MW-5d T700784-11(Water)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
			SunStar La	aboratorie	es, Inc.					
Purgeable Petroleum Hydrocarb	ons by EPA 801	5m								
C6-C12 (GRO)	ND		50	ug/l	1	7061913	06/19/07	06/21/07	EPA 8015m	
Surrogate: 4-Bromofluorobenzene			86.1 %	65-1.	35	"	"	"	"	
Extractable Petroleum Hydrocar	bons by 8015m									
Diesel Range Hydrocarbons	ND	0.098	0.50	mg/l	1	7061902	06/19/07	06/19/07	EPA 8015m	
Surrogate: p-Terphenyl			71.9 %	65-1.	35	"	"	"	"	
Volatile Organic Compounds by	EPA Method 82	60B								
Tert-butyl alcohol	ND		10	ug/l	1	7061911	06/19/07	06/19/07	EPA 8260B	
Benzene	ND		0.50	"	"	"	"	"	"	
Di-isopropyl ether	ND		2.0	"	"	"	"	"	"	
Toluene	ND		0.50	"	"	"	"	"	"	
Ethylbenzene	ND		0.50	"	"	"	"	"	"	
m,p-Xylene	ND		1.0	"	"	"	"	"	"	
Methyl tert-butyl ether	2.4		1.0	"	"	"	"	"	"	
Tert-amyl methyl ether	ND		2.0	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND		2.0	"	"	"	"	"	"	
o-Xylene	ND		0.50	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane			87.5 %	66-1	24	"	"	"	"	
Surrogate: 4-Bromofluorobenzene			97.8 %	84-1	18	"	"	"	"	
Surrogate: Toluene-d8			99.5 %	85-1	15	"	"	"	"	

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Project: Mission Valley Rock

Project Number: EM5009C Project Manager: Michael Schenone

Reported: 06/26/07 09:49

MW-3 T700784-12(Water)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
			SunStar La	aboratorie	s, Inc.					
Purgeable Petroleum Hydrocarb	ons by EPA 801	5m								
C6-C12 (GRO)	ND		50	ug/l	1	7061913	06/19/07	06/21/07	EPA 8015m	
Surrogate: 4-Bromofluorobenzene			93.7 %	65-13	35	"	"	"	"	
Extractable Petroleum Hydrocar	bons by 8015m									
Diesel Range Hydrocarbons	ND	0.098	0.50	mg/l	1	7061902	06/19/07	06/19/07	EPA 8015m	
Surrogate: p-Terphenyl			70.7 %	65-13	35	"	"	"	"	
Volatile Organic Compounds by	EPA Method 82	60B								
Di-isopropyl ether	ND		2.0	ug/l	1	7061911	06/19/07	06/19/07	EPA 8260B	
Benzene	ND		0.50	"	"	"	"	"	"	
Ethylbenzene	ND		0.50	"	"	"	"	"	"	
m,p-Xylene	ND		1.0	"	"	"	"	"	"	
Methyl tert-butyl ether	45		1.0	"	"	"	"	"	"	
o-Xylene	ND		0.50	"	"	"	"	"	"	
Tert-amyl methyl ether	ND		2.0	"	"	"	"	"	"	
Tert-butyl alcohol	ND		10	"	"	"	"	"	"	
Toluene	ND		0.50	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND		2.0	"	"	"	"	"	"	
Surrogate: 4-Bromofluorobenzene			99.4 %	84-11	18	"	"	"	"	
Surrogate: Dibromofluoromethane			85.8 %	66-12	24	"	"	"	"	
Surrogate: Toluene-d8			102 %	85-11	15	"	"	"	"	

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Project: Mission Valley Rock

Project Number: EM5009C Project Manager: Michael Schenone

Reported: 06/26/07 09:49

MW-10s T700784-13(Water)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
			SunStar La	aboratorie	s, Inc.					
Purgeable Petroleum Hydrocarbo	ons by EPA 801	5m								
C6-C12 (GRO)	ND		50	ug/l	1	7061914	06/19/07	06/21/07	EPA 8015m	
Surrogate: 4-Bromofluorobenzene			94.3 %	65-13	5	"	"	"	"	
Extractable Petroleum Hydrocar	bons by 8015m									
Diesel Range Hydrocarbons	ND	0.098	0.50	mg/l	1	7061902	06/19/07	06/19/07	EPA 8015m	
Surrogate: p-Terphenyl			73.3 %	65-13	5	"	"	"	"	
Volatile Organic Compounds by	EPA Method 82	60B								
Toluene	ND		0.50	ug/l	1	7061912	06/19/07	06/19/07	EPA 8260B	
Ethylbenzene	ND		0.50	"	"	"	"	"	"	
m,p-Xylene	ND		1.0	"	"	"	"	"	"	
Methyl tert-butyl ether	ND		1.0	"	"	"	"	"	"	
o-Xylene	ND		0.50	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND		2.0	"	"	"	"	"	"	
Tert-butyl alcohol	ND		10	"	"	"	"	"	"	
Tert-amyl methyl ether	ND		2.0	"	"	"	"	"	"	
Di-isopropyl ether	ND		2.0	"	"	"	"	"	"	
Benzene	ND		0.50	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane			86.2 %	66-12	4	"	"	"	"	
Surrogate: 4-Bromofluorobenzene			96.9 %	84-11	8	"	"	"	"	
Surrogate: Toluene-d8			100 %	85-11	5	"	"	"	"	

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Project: Mission Valley Rock

Project Number: EM5009C Project Manager: Michael Schenone

Reported: 06/26/07 09:49

MW-2d T700784-14(Water)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
			SunStar L	aboratorie	s, Inc.					
Purgeable Petroleum Hydrocarb	ons by EPA 80	15m								
C6-C12 (GRO)	140		50	ug/l	1	7061914	06/19/07	06/21/07	EPA 8015m	
Surrogate: 4-Bromofluorobenzene			97.4 %	65-13	35	"	"	"	"	
Extractable Petroleum Hydrocar	bons by 8015m	ı								
Diesel Range Hydrocarbons	ND	0.098	0.50	mg/l	1	7061902	06/19/07	06/19/07	EPA 8015m	
Surrogate: p-Terphenyl			74.9 %	65-13	35	"	"	"	"	
Volatile Organic Compounds by	EPA Method 8	260B								
Methyl tert-butyl ether	19		1.0	ug/l	1	7061912	06/19/07	06/19/07	EPA 8260B	
Toluene	ND		0.50	"	"	"	"	"	"	
Tert-butyl alcohol	ND		10	"	"	"	"	"	"	
o-Xylene	ND		0.50	"	"	"	"	"	"	
m,p-Xylene	ND		1.0	"	"	"	"	"	"	
Ethylbenzene	ND		0.50	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND		2.0	"	"	"	"	"	"	
Di-isopropyl ether	ND		2.0	"	"	"	"	"	"	
Benzene	ND		0.50	"	"	"	"	"	"	
Tert-amyl methyl ether	ND		2.0	"	"	"	"	"	"	
Surrogate: Toluene-d8			100 %	85-11	15	"	"	"	"	
Surrogate: 4-Bromofluorobenzene			100 %	84-11	8	"	"	"	"	
Surrogate: Dibromofluoromethane			87.0 %	66-12	24	"	"	"	"	

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Project: Mission Valley Rock

Project Number: EM5009C Project Manager: Michael Schenone

Reported: 06/26/07 09:49

MW-2m T700784-15(Water)

			= , 0 0 , 0		, ,					
Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
			SunStar L	aboratorie	es, Inc.					
Purgeable Petroleum Hydrocarb	ons by EPA 80	15m								
C6-C12 (GRO)	290		50	ug/l	1	7061914	06/19/07	06/21/07	EPA 8015m	
Surrogate: 4-Bromofluorobenzene			102 %	65-1	35	"	"	"	"	
Extractable Petroleum Hydrocar	rbons by 8015m	ı								
Diesel Range Hydrocarbons	0.35	0.098	0.50	mg/l	1	7061902	06/19/07	06/19/07	EPA 8015m	D-03,
Surrogate: p-Terphenyl			79.1 %	65-1	35	"	"	"	"	
Volatile Organic Compounds by	EPA Method 8	260B								
Ethyl tert-butyl ether	ND		2.0	ug/l	1	7061912	06/19/07	06/19/07	EPA 8260B	
Di-isopropyl ether	ND		2.0	"	"	"	"	"	"	
Benzene	ND		0.50	"	"	"	"	"	"	
Ethylbenzene	ND		0.50	"	"	"	"	"	"	
m,p-Xylene	ND		1.0	"	"	"	"	"	"	
Methyl tert-butyl ether	14		1.0	"	"	"	"	"	"	
o-Xylene	ND		0.50	"	"	"	"	"	"	
Tert-amyl methyl ether	ND		2.0	"	"	"	"	"	"	
Tert-butyl alcohol	ND		10	"	"	"	"	"	"	
Toluene	ND		0.50	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane			85.2 %	66-1	24	"	"	"	"	
Surrogate: 4-Bromofluorobenzene			100 %	84-1	18	"	"	"	"	
Surrogate: Toluene-d8			99.8 %	85-1	15	"	"	"	"	
Surrogate: Toluene-d8			99.8 %	85-1	15	"	"		"	" "

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Project: Mission Valley Rock

Project Number: EM5009C Project Manager: Michael Schenone

Reported: 06/26/07 09:49

MW-9s T700784-16(Water)

			= 70070	2. 20(11 44	,					
Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
			SunStar L	aboratorie	s, Inc.					
Purgeable Petroleum Hydrocarb	ons by EPA 80	15m								
C6-C12 (GRO)	210		50	ug/l	1	7061914	06/19/07	06/21/07	EPA 8015m	
Surrogate: 4-Bromofluorobenzene			98.1 %	65-13	35	"	"	"	"	
Extractable Petroleum Hydrocai	bons by 8015m	1								
Diesel Range Hydrocarbons	ND	0.098	0.50	mg/l	1	7061902	06/19/07	06/19/07	EPA 8015m	
Surrogate: p-Terphenyl			86.9 %	65-13	35	"	"	"	"	
Volatile Organic Compounds by	EPA Method 8	260B								
o-Xylene	ND		0.50	ug/l	1	7061912	06/19/07	06/19/07	EPA 8260B	
Benzene	0.76		0.50	"	"	"	"	"	"	
Tert-butyl alcohol	ND		10	"	"	"	"	"	"	
Di-isopropyl ether	ND		2.0	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND		2.0	"	"	"	"	"	"	
Ethylbenzene	5.5		0.50	"	"	"	"	"	"	
m,p-Xylene	ND		1.0	"	"	"	"	"	"	
Methyl tert-butyl ether	ND		1.0	"	"	"	"	"	"	
Tert-amyl methyl ether	ND		2.0	"	"	"	"	"	"	
Toluene	ND		0.50	"	"	"	"	"	"	
Surrogate: 4-Bromofluorobenzene			98.5 %	84-11	18	"	"	"	"	
Surrogate: Toluene-d8			100 %	85-11	15	"	"	"	"	
Surrogate: Dibromofluoromethane			85.6 %	66-12	24	"	"	"	"	

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Project: Mission Valley Rock

Project Number: EM5009C Project Manager: Michael Schenone

Reported: 06/26/07 09:49

MW-6s T700784-17(Water)

			= 70070		,					
Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
			SunStar L	aboratorie	s, Inc.					
Purgeable Petroleum Hydrocarb	ons by EPA 801	5m								
C6-C12 (GRO)	1200		50	ug/l	1	7061914	06/19/07	06/21/07	EPA 8015m	
Surrogate: 4-Bromofluorobenzene			102 %	65-13	35	"	"	"	"	
Extractable Petroleum Hydrocar	rbons by 8015m									
Diesel Range Hydrocarbons	0.49	0.098	0.50	mg/l	1	7061902	06/19/07	06/19/07	EPA 8015m	
Surrogate: p-Terphenyl			90.8 %	65-13	35	"	"	"	"	
Volatile Organic Compounds by	EPA Method 82	260B								
Ethyl tert-butyl ether	ND		2.0	ug/l	1	7061912	06/19/07	06/19/07	EPA 8260B	
Benzene	ND		0.50	"	"	"	"	"	"	
m,p-Xylene	ND		1.0	"	"	"	"	"	"	
Methyl tert-butyl ether	42		1.0	"	"	"	"	"	"	
o-Xylene	ND		0.50	"	"	"	"	"	"	
Tert-amyl methyl ether	ND		2.0	"	"	"	"	"	"	
Tert-butyl alcohol	ND		10	"	"	"	"	"	"	
Toluene	ND		0.50	"	"	"	"	"	"	
Di-isopropyl ether	ND		2.0	m .	"	"	"	"	"	
Ethylbenzene	1.6		0.50	n n	"	"	"	"	n n	
Surrogate: 4-Bromofluorobenzene			100 %	84-11	18	"	"	"	"	
Surrogate: Dibromofluoromethane			84.4 %	66-12	24	"	"	"	"	
Surrogate: Toluene-d8			100 %	85-11	!5	"	"	"	"	

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Project: Mission Valley Rock

Project Number: EM5009C

Reported: 06/26/07 09:49

Project Manager: Michael Schenone

MW-10 LF T700784-18(Water)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
			SunStar L	aboratories	s, Inc.					
Purgeable Petroleum Hydrocarb	ons by EPA 801	5m								
C6-C12 (GRO)	440		50	ug/l	1	7061914	06/19/07	06/21/07	EPA 8015m	
Surrogate: 4-Bromofluorobenzene			105 %	65-135		"	"	"	"	
Extractable Petroleum Hydrocar	bons by 8015m									
Diesel Range Hydrocarbons	0.26	0.098	0.50	mg/l	1	7061902	06/19/07	06/19/07	EPA 8015m	
Surrogate: p-Terphenyl			101 %	65-13	5	"	"	"	"	
Volatile Organic Compounds by	EPA Method 82	260B								
Di-isopropyl ether	ND		2.0	ug/l	1	7061912	06/19/07	06/19/07	EPA 8260B	
Ethyl tert-butyl ether	ND		2.0	"	"	"	"	"	"	
Tert-amyl methyl ether	ND		2.0	"	"	"	"	"	"	
Ethylbenzene	ND		0.50	"	"	"	"	"	"	
m,p-Xylene	2.5		1.0	"	"	"	"	"	"	
o-Xylene	ND		0.50	"	"	"	"	"	"	
Tert-butyl alcohol	ND		10	"	"	"	"	"	"	
Toluene	0.73		0.50	"	"	"	"	"	"	
Methyl tert-butyl ether	2.0		1.0	"	"	"	"	"	"	
Benzene	0.53		0.50	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane			84.6 %	66-12	4	"	"	"	"	
Surrogate: 4-Bromofluorobenzene			99.9 %	84-11	8	"	"	"	"	
Surrogate: Toluene-d8			100 %	85-11	5	"	"	"	"	

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Project: Mission Valley Rock

Project Number: EM5009C Project Manager: Michael Schenone

Reported: 06/26/07 09:49

MW-1 T700784-19(Water)

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Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
			SunStar L	aboratorie	es, Inc.					
Purgeable Petroleum Hydrocarb	ons by EPA 801	5m								
C6-C12 (GRO)	370		50	ug/l	1	7061914	06/19/07	06/21/07	EPA 8015m	
Surrogate: 4-Bromofluorobenzene			102 %	65-135		"	"	"	"	
Extractable Petroleum Hydrocai	bons by 8015m									
Diesel Range Hydrocarbons	ND	0.098	0.50	mg/l	1	7061902	06/19/07	06/19/07	EPA 8015m	
Surrogate: p-Terphenyl			66.3 %	65-1	35	"	"	"	"	
Volatile Organic Compounds by	EPA Method 82	260B								
Benzene	0.87		0.50	ug/l	1	7061912	06/19/07	06/19/07	EPA 8260B	
Di-isopropyl ether	ND		2.0	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND		2.0	"	"	"	"	"	"	
Toluene	ND		0.50	"	"	"	"	"	"	
m,p-Xylene	ND		1.0	"	"	"	"	"	"	
Methyl tert-butyl ether	ND		1.0	"	"	"	"	"	"	
o-Xylene	ND		0.50	"	"	"	"	"	"	
Tert-amyl methyl ether	ND		2.0	"	"	"	"	"	"	
Tert-butyl alcohol	ND		10	"	"	"	"	"	"	
Ethylbenzene	17		0.50	"	"	"	"	"	II .	
Surrogate: 4-Bromofluorobenzene			99.8 %	84-1	18	"	"	"	"	
Surrogate: Dibromofluoromethane			83.1 %	66-1	24	"	"	"	"	
Surrogate: Toluene-d8			99.9 %	85-1	15	"	"	"	"	

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Project: Mission Valley Rock

Project Number: EM5009C Project Manager: Michael Schenone

Reported: 06/26/07 09:49

MW-9 LF T700784-20(Water)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
			SunStar L	aboratori	es, Inc.					
Purgeable Petroleum Hydrocarb	ons by EPA 80	15m								
C6-C12 (GRO)	280		50	ug/l	1	7061914	06/19/07	06/21/07	EPA 8015m	
Surrogate: 4-Bromofluorobenzene			104 %	65-135		"	"	"	"	
Extractable Petroleum Hydrocar	bons by 8015m	ı								
Diesel Range Hydrocarbons	ND	0.098	0.50	mg/l	1	7061902	06/19/07	06/19/07	EPA 8015m	
Surrogate: p-Terphenyl			75.7 %	65-1	135	"	"	"	"	
Volatile Organic Compounds by	EPA Method 8	260B								
m,p-Xylene	3.2		1.0	ug/l	1	7061912	06/19/07	06/19/07	EPA 8260B	
Methyl tert-butyl ether	ND		1.0	"	"	"	"	"	"	
o-Xylene	1.3		0.50	"	"	"	"	"	"	
Tert-amyl methyl ether	ND		2.0	"	"	"	"	"	"	
Tert-butyl alcohol	ND		10	"	"	"	"	"	"	
Ethylbenzene	3.8		0.50	"	"	"	"	"	"	
Toluene	0.92		0.50	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND		2.0	"	"	"	"	"	n .	
Di-isopropyl ether	ND		2.0	"	"	"	"	"	"	
Benzene	14		0.50	n	"	"	"	"	n	
Surrogate: Toluene-d8			98.6 %	85-1	115	"	"	"	"	
Surrogate: Dibromofluoromethane			83.2 %	66-1	124	"	"	"	"	
Surrogate: 4-Bromofluorobenzene			98.8 %	84-1	118	"	"	"	"	

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Project: Mission Valley Rock

Project Number: EM5009C Project Manager: Michael Schenone

Reported: 06/26/07 09:49

MW-2s T700784-21(Water)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
			SunStar L	aboratorie	s, Inc.					
Purgeable Petroleum Hydrocarbo	ons by EPA 801	5m								
C6-C12 (GRO)	90		50	ug/l	1	7061914	06/19/07	06/21/07	EPA 8015m	
Surrogate: 4-Bromofluorobenzene			101 %	65-135		"	"	"	"	
Extractable Petroleum Hydrocar	bons by 8015m									
Diesel Range Hydrocarbons	3.7	0.098	0.50	mg/l	1	7061903	06/19/07	06/19/07	EPA 8015m	D-02
Surrogate: p-Terphenyl			82.3 %	65-135		"	"	"	"	
Volatile Organic Compounds by	EPA Method 82	60B								
Ethylbenzene	ND		0.50	ug/l	1	7061912	06/19/07	06/20/07	EPA 8260B	
Methyl tert-butyl ether	19		1.0	"	"	"	"	"	"	
Toluene	ND		0.50	"	"	"	"	"	"	
Tert-butyl alcohol	12		10	"	"	"	"	"	"	
o-Xylene	ND		0.50	"	"	"	"	"	"	
m,p-Xylene	ND		1.0	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND		2.0	"	"	"	"	"	"	
Di-isopropyl ether	ND		2.0	"	"	"	"	"	"	
Benzene	ND		0.50	"	"	"	"	"	"	
Tert-amyl methyl ether	ND		2.0	н	"	"	"	"	n	
Surrogate: Toluene-d8			98.5 %	85-11	5	"	"	"	"	
Surrogate: Dibromofluoromethane			90.9 %	66-12	24	"	"	"	"	
Surrogate: 4-Bromofluorobenzene			100 %	84-11	8	"	"	"	"	

SunStar Laboratories, Inc.

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aller Targas

Project: Mission Valley Rock

Project Number: EM5009C Project Manager: Michael Schenone

Reported: 06/26/07 09:49

MW-11s T700784-22(Water)

			2.00.0	77 22(1141	, ,					
Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
			SunStar L	aboratorie	s, Inc.					
Purgeable Petroleum Hydrocarb	ons by EPA 801	5m								
C6-C12 (GRO)	1800		50	ug/l	1	7061914	06/19/07	06/21/07	EPA 8015m	
Surrogate: 4-Bromofluorobenzene			111 %	65-13	35	"	"	"	"	
Extractable Petroleum Hydrocar	bons by 8015m									
Diesel Range Hydrocarbons	ND	0.098	0.50	mg/l	1	7061903	06/19/07	06/20/07	EPA 8015m	
Surrogate: p-Terphenyl			100 %	65-13	35	"	"	"	"	
Volatile Organic Compounds by	EPA Method 82	60B								
Ethylbenzene	ND		0.50	ug/l	1	7061912	06/19/07	06/20/07	EPA 8260B	
Di-isopropyl ether	ND		2.0	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND		2.0	"	"	"	"	"	"	
m,p-Xylene	ND		1.0	"	"	"	"	"	"	
Methyl tert-butyl ether	4.3		1.0	"	"	"	"	"	"	
o-Xylene	ND		0.50	"	"	"	"	"	"	
Tert-amyl methyl ether	ND		2.0	"	"	"	"	"	"	
Tert-butyl alcohol	ND		10	"	"	"	"	"	"	
Toluene	ND		0.50	m .	"	"	"	"	"	
Benzene	ND		0.50	"	"	"	"	"	"	
Surrogate: 4-Bromofluorobenzene			99.2 %	84-11	18	"	"	"	"	
Surrogate: Dibromofluoromethane			83.9 %	66-12	24	"	"	"	"	
Surrogate: Toluene-d8			99.1 %	85-11	!5	"	"	"	"	

SunStar Laboratories, Inc.

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aller Targas

Project: Mission Valley Rock

Project Number: EM5009C Project Manager: Michael Schenone

Reported: 06/26/07 09:49

MW-10d T700784-23(Water)

			Reporting							
Analyte	Result	MDL	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
			SunStar La	aboratorie	s, Inc.					
Purgeable Petroleum Hydrocarb	ons by EPA 801	5m								
C6-C12 (GRO)	830		50	ug/l	1	7061914	06/19/07	06/21/07	EPA 8015m	
Surrogate: 4-Bromofluorobenzene			109 %	65-135		"	"	"	"	
Extractable Petroleum Hydrocar	bons by 8015m									
Diesel Range Hydrocarbons	ND	0.098	0.50	mg/l	1	7061903	06/19/07	06/20/07	EPA 8015m	
Surrogate: p-Terphenyl			105 %	65-135		"	"	"	"	
Volatile Organic Compounds by	EPA Method 82	60B								
Benzene	0.97		0.50	ug/l	1	7061912	06/19/07	06/20/07	EPA 8260B	
Di-isopropyl ether	ND		2.0	"	"	"	"	"	"	
Tert-amyl methyl ether	ND		2.0	"	"	"	"	"	"	
Ethylbenzene	14		0.50	"	"	"	"	"	"	
m,p-Xylene	2.0		1.0	"	"	"	"	"	"	
Methyl tert-butyl ether	ND		1.0	"	"	"	"	"	"	
o-Xylene	ND		0.50	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND		2.0	"	"	"	"	"	"	
Toluene	ND		0.50	"	"	"	"	"	"	
Tert-butyl alcohol	ND		10	"	"	"	"	"	"	
Surrogate: Toluene-d8			100 %	85-11	5	"	"	"	"	
Surrogate: 4-Bromofluorobenzene			99.5 %	84-11	8	"	"	"	"	
Surrogate: Dibromofluoromethane			81.9 %	66-12	4	"	"	"	"	

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.

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Project: Mission Valley Rock

Project Number: EM5009C Project Manager: Michael Schenone

Reported: 06/26/07 09:49

EQUIP 2 T700784-24(Water)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
			SunStar La	aboratorie	s, Inc.					
Purgeable Petroleum Hydrocarbo	ons by EPA 801	5m								
C6-C12 (GRO)	ND		50	ug/l	1	7061914	06/19/07	06/21/07	EPA 8015m	
Surrogate: 4-Bromofluorobenzene			107 %	65-135		"	"	"	"	
Extractable Petroleum Hydrocar	bons by 8015m									
Diesel Range Hydrocarbons	ND	0.098	0.50	mg/l	1	7061903	06/19/07	06/20/07	EPA 8015m	
Surrogate: p-Terphenyl			93.7 %	65-135		"	"	"	"	
Volatile Organic Compounds by	EPA Method 82	60B								
m,p-Xylene	ND		1.0	ug/l	1	7061912	06/19/07	06/20/07	EPA 8260B	
Methyl tert-butyl ether	ND		1.0	"	"	"	"	"	"	
o-Xylene	ND		0.50	"	"	"	"	"	"	
Tert-amyl methyl ether	ND		2.0	"	"	"	"	"	"	
Toluene	ND		0.50	"	"	"	"	"	"	
Ethylbenzene	ND		0.50	"	"	"	"	"	"	
Tert-butyl alcohol	15		10	"	"	"	"	"	"	
Di-isopropyl ether	ND		2.0	"	"	"	"	"	"	
Benzene	ND		0.50	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND		2.0	"	"	"	"	"	"	
Surrogate: Toluene-d8			98.6 %	85-11	15	"	"	"	"	
Surrogate: Dibromofluoromethane			80.9 %	66-12	24	"	"	"	"	
Surrogate: 4-Bromofluorobenzene			99.9 %	84-11	18	"	"	"	"	

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Project: Mission Valley Rock

Project Number: EM5009C Project Manager: Michael Schenone

Reported: 06/26/07 09:49

MW-11d T700784-25(Water)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
			SunStar L	aboratories	s, Inc.					
Purgeable Petroleum Hydrocarb	ons by EPA 801	5m								
C6-C12 (GRO)	11000		50	ug/l	1	7061914	06/19/07	06/21/07	EPA 8015m	
Surrogate: 4-Bromofluorobenzene			122 %	65-135		"	"	"	"	
Extractable Petroleum Hydrocar	bons by 8015m									
Diesel Range Hydrocarbons	6.7	0.098	0.50	mg/l	1	7061903	06/19/07	06/20/07	EPA 8015m	D-02
Surrogate: p-Terphenyl			79.2 %	65-13	5	"	"	"	"	
Volatile Organic Compounds by	EPA Method 82	60B								
Ethyl tert-butyl ether	ND		2.0	ug/l	1	7061912	06/19/07	06/20/07	EPA 8260B	
Ethylbenzene	13		0.50	"	"	"	"	"	"	
Methyl tert-butyl ether	15		1.0	"	"	"	"	"	"	
o-Xylene	18		0.50	"	"	"	"	"	"	
Tert-amyl methyl ether	ND		2.0	"	"	"	"	"	"	
Toluene	7.4		0.50	"	"	"	"	"	"	
Tert-butyl alcohol	ND		10	"	"	"	"	"	"	
m,p-Xylene	21		1.0	"	"	"	"	"	"	
Benzene	6.2		0.50	"	"	"	"	"	"	
Di-isopropyl ether	ND		2.0	"	"	"	"	"	"	
Surrogate: Toluene-d8			97.0 %	85-11	5	"	"	"	"	
Surrogate: Dibromofluoromethane			84.9 %	66-12	4	"	"	"	"	
Surrogate: 4-Bromofluorobenzene			105 %	84-11	8	"	"	"	"	

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Project: Mission Valley Rock

Project Number: EM5009C Project Manager: Michael Schenone

Reported: 06/26/07 09:49

MW-6d T700784-26(Water)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
			SunStar L	aboratorie	s, Inc.					
Purgeable Petroleum Hydrocarbo	ons by EPA 801	15m								
C6-C12 (GRO)	180		50	ug/l	1	7061914	06/19/07	06/21/07	EPA 8015m	
Surrogate: 4-Bromofluorobenzene			107 %	65-13	35	"	"	"	"	
Extractable Petroleum Hydrocar	bons by 8015m									
Diesel Range Hydrocarbons	ND	0.098	0.50	mg/l	1	7061903	06/19/07	06/20/07	EPA 8015m	
Surrogate: p-Terphenyl			79.7 %	65-13	35	"	"	"	"	
Volatile Organic Compounds by 1	EPA Method 82	260B								
Benzene	ND		0.50	ug/l	1	7061912	06/19/07	06/20/07	EPA 8260B	
Tert-butyl alcohol	ND		10	"	"	"	"	"	"	
Tert-amyl methyl ether	ND		2.0	"	"	"	"	"	"	
o-Xylene	ND		0.50	"	"	"	"	"	"	
Methyl tert-butyl ether	39		1.0	"	"	"	"	"	"	
m,p-Xylene	ND		1.0	"	"	"	"	"	"	
Ethylbenzene	ND		0.50	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND		2.0	"	"	"	"	"	"	
Di-isopropyl ether	ND		2.0	"	"	"	"	"	"	
Toluene	ND		0.50	"	"	"	"	"	"	
Surrogate: 4-Bromofluorobenzene			97.9 %	84-11	18	"	"	"	"	
Surrogate: Toluene-d8			98.8 %	85-11	15	"	"	"	"	
Surrogate: Dibromofluoromethane			81.6 %	66-12	24	"	"	"	"	

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Project: Mission Valley Rock

Project Number: EM5009C Project Manager: Michael Schenone

Reported: 06/26/07 09:49

MW-9d T700784-27(Water)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
			SunStar L	aboratori	ies, Inc.					
Purgeable Petroleum Hydrocarb	ons by EPA 801	5m								
C6-C12 (GRO)	42000		50	ug/l	1	7061914	06/19/07	06/21/07	EPA 8015m	
Surrogate: 4-Bromofluorobenzene			85.0 %	65-	135	"	"	"	"	
Extractable Petroleum Hydrocar	bons by 8015m									
Diesel Range Hydrocarbons	11	0.098	0.50	mg/l	1	7061903	06/19/07	06/20/07	EPA 8015m	D-02
Surrogate: p-Terphenyl			108 %	65-	135	"	"	"	"	
Volatile Organic Compounds by	EPA Method 82	60B								
o-Xylene	2100		25	ug/l	50	7061912	06/19/07	06/20/07	EPA 8260B	
Ethyl tert-butyl ether	ND		2.0	"	1	"	"	06/20/07	"	
Benzene	1600		25	"	50	"	"	06/20/07	"	
Tert-butyl alcohol	39		10	"	1	"	"	06/20/07	"	
Ethylbenzene	2600		25	"	50	"	"	06/20/07	"	
m,p-Xylene	31		1.0	"	1	"	"	06/20/07	"	
Methyl tert-butyl ether	ND		1.0	"	"	"	"	"	"	
Tert-amyl methyl ether	13		2.0	"	"	"	"	"	"	
Toluene	5100		25	"	50	"	"	06/20/07	"	
Di-isopropyl ether	ND		2.0	"	1	"	"	06/20/07	"	
Surrogate: 4-Bromofluorobenzene			67.8 %	84-	118	"	"	"	"	S-02
Surrogate: Dibromofluoromethane			82.1 %	66-	124	"	"	"	"	
Surrogate: Toluene-d8			111 %	85-	115	"	"	"	"	

SunStar Laboratories, Inc.

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Project: Mission Valley Rock

Project Number: EM5009C Project Manager: Michael Schenone

Reported: 06/26/07 09:49

MW-7d T700784-28(Water)

				`	,					
Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
			SunStar L	aborator	ies, Inc.					
Purgeable Petroleum Hydrocar	bons by EPA 80)15m								
C6-C12 (GRO)	100000		2500	ug/l	50	7061914	06/19/07	06/21/07	EPA 8015m	
Surrogate: 4-Bromofluorobenzene			94.0 %	65-	135	"	"	"	"	
Extractable Petroleum Hydroc	arbons by 8015r	n								
Diesel Range Hydrocarbons	23	0.098	0.50	mg/l	1	7061903	06/19/07	06/20/07	EPA 8015m	D-02
Surrogate: p-Terphenyl			87.5 %	65-	135	"	"	"	"	
Volatile Organic Compounds b	y EPA Method 8	8260B								
o-Xylene	830		25	ug/l	50	7061912	06/19/07	06/20/07	EPA 8260B	
Ethyl tert-butyl ether	ND		2.0	"	1	"	"	06/20/07	"	
Toluene	950		25	"	50	"	"	06/20/07	"	
Tert-butyl alcohol	ND		10	"	1	"	"	06/20/07	"	
Tert-amyl methyl ether	ND		2.0	"	"	"	"	"	"	
Methyl tert-butyl ether	ND		1.0	"	"	"	"	"	"	
m,p-Xylene	120		1.0	"	"	"	"	"	"	
Ethylbenzene	4000		25	"	50	"	"	06/20/07	"	
Di-isopropyl ether	ND		2.0	"	1	"	"	06/20/07	"	
Benzene	270		25	n	50	"	"	06/20/07	11	
Surrogate: Toluene-d8			162 %	85-	115	"	"	06/20/07	"	S-02
Surrogate: Dibromofluoromethane			70.8 %	66-	124	"	"	"	"	
Surrogate: 4-Bromofluorobenzene			62.9 %	84-	118	"	"	"	"	S-02

SunStar Laboratories, Inc.

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Project: Mission Valley Rock

Project Number: EM5009C Project Manager: Michael Schenone

Reported: 06/26/07 09:49

EQUIP 3 T700784-29(Water)

				` `						
Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
			SunStar L	aboratorie	s, Inc.					
Purgeable Petroleum Hydrocarb	ons by EPA 801	5m								
C6-C12 (GRO)	830		50	ug/l	1	7061914	06/19/07	06/21/07	EPA 8015m	
Surrogate: 4-Bromofluorobenzene			114 %	65-13	5	"	"	"	"	
Extractable Petroleum Hydrocai	bons by 8015m									
Diesel Range Hydrocarbons	0.38	0.098	0.50	mg/l	1	7061903	06/19/07	06/20/07	EPA 8015m	
Surrogate: p-Terphenyl			108 %	65-13	5	"	"	"	"	
Volatile Organic Compounds by	EPA Method 82	60B								
Methyl tert-butyl ether	ND		1.0	ug/l	1	7061912	06/19/07	06/20/07	EPA 8260B	
Tert-amyl methyl ether	ND		2.0	"	"	"	"	"	"	
Di-isopropyl ether	ND		2.0	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND		2.0	"	"	"	"	"	"	
Ethylbenzene	1.0		0.50	"	"	"	"	"	"	
m,p-Xylene	2.2		1.0	"	"	"	"	"	"	
o-Xylene	0.66		0.50	"	"	"	"	"	"	
Tert-butyl alcohol	ND		10	"	"	"	"	"	"	
Toluene	0.55		0.50	"	"	"	"	"	"	
Benzene	ND		0.50	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane			78.6 %	66-12	4	"	"	"	"	
Surrogate: 4-Bromofluorobenzene			96.8 %	84-11	8	"	"	"	"	
Surrogate: Toluene-d8			98.0 %	85-11	5	"	"	"	"	

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Project: Mission Valley Rock

Project Number: EM5009C Project Manager: Michael Schenone **Reported:** 06/26/07 09:49

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

Analyte	Result	MDL	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 7061913 - EPA 5030 GC											
Blank (7061913-BLK1)					Prepared:	06/19/07	Analyzed	: 06/20/07			
Surrogate: 4-Bromofluorobenzene	198			ug/l	200		99.2	65-135			
C6-C12 (GRO)	ND		50	"							
LCS (7061913-BS1)					Prepared:	06/19/07	Analyzed	: 06/21/07			
Surrogate: 4-Bromofluorobenzene	209			ug/l	200		104	65-135			
C6-C12 (GRO)	5140		50	"	5500		93.5	75-125			
LCS Dup (7061913-BSD1)					Prepared:	06/19/07	Analyzed	: 06/21/07			
Surrogate: 4-Bromofluorobenzene	205			ug/l	200		102	65-135			
C6-C12 (GRO)	5230		50	"	5500		95.1	75-125	1.71	20	
Batch 7061914 - EPA 5030 GC											
Blank (7061914-BLK1)					Prepared:	06/19/07	Analyzed	: 06/21/07			
Surrogate: 4-Bromofluorobenzene	186			ug/l	200		93.0	65-135			
C6-C12 (GRO)	ND		50	"							
LCS (7061914-BS1)					Prepared:	06/19/07	Analyzed	: 06/21/07			
Surrogate: 4-Bromofluorobenzene	224			ug/l	200		112	65-135			
C6-C12 (GRO)	4570		50	"	5500		83.1	75-125			
LCS Dup (7061914-BSD1)					Prepared:	06/19/07	Analyzed	: 06/21/07			
Surrogate: 4-Bromofluorobenzene	202			ug/l	200		101	65-135			
C6-C12 (GRO)	5550		50	"	5500		101	75-125	19.4	20	

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Project: Mission Valley Rock

Project Number: EM5009C Project Manager: Michael Schenone **Reported:** 06/26/07 09:49

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

Analyte	Result	MDL	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 7061902 - EPA 3510C GC											
Blank (7061902-BLK1)					Prepared	& Analyz	ed: 06/19/	07			
Surrogate: p-Terphenyl	4.52			mg/l	4.00		113	65-135			
Diesel Range Hydrocarbons	ND	0.098	0.50	"							
LCS (7061902-BS1)					Prepared	& Analyz	ed: 06/19/	07			
Surrogate: p-Terphenyl	3.42			mg/l	4.00		85.5	65-135			
Diesel Range Hydrocarbons	17.5	0.098	0.50	"	20.0		87.3	75-125			
Matrix Spike (7061902-MS1)		Source	: T700784-	01	Prepared	& Analyz	ed: 06/19/	07			
Surrogate: p-Terphenyl	3.84			mg/l	4.00		95.9	65-135			
Diesel Range Hydrocarbons	19.3	0.098	0.50	"	20.0	ND	96.4	75-125			
Matrix Spike Dup (7061902-MSD1)		Source	: T700784-	01	Prepared	& Analyz	ed: 06/19/	07			
Surrogate: p-Terphenyl	3.22			mg/l	4.00		80.5	65-135			
Diesel Range Hydrocarbons	16.1	0.098	0.50	"	20.0	ND	80.5	75-125	18.0	20	
Batch 7061903 - EPA 3510C GC											
Blank (7061903-BLK1)					Prepared	& Analyz	ed: 06/19/	07			
Surrogate: p-Terphenyl	4.02			mg/l	4.00		101	65-135			
Diesel Range Hydrocarbons	ND	0.098	0.50	"							
LCS (7061903-BS1)					Prepared:	06/19/07	Analyzed	1: 06/20/07			
Surrogate: p-Terphenyl	3.50			mg/l	4.00		87.5	65-135			
Diesel Range Hydrocarbons	19.0	0.098	0.50	"	20.0		94.8	75-125			
Matrix Spike (7061903-MS1)		Source	: T700784-	21	Prepared:	06/19/07	Analyzed	1: 06/20/07			
Surrogate: p-Terphenyl	3.19			mg/l	4.00		79.7	65-135			
Diesel Range Hydrocarbons	22.9	0.098	0.50	"	20.0	3.72	95.8	75-125			

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.

aller Vargas

Tait EnvironmentalProject: Mission Valley Rock701 N. Parkcenter DriveProject Number: EM5009CReported:Santa Ana CA, 92705Project Manager: Michael Schenone06/26/07 09:49

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

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

Batch 7061903 - EPA 3510C GC

Matrix Spike Dup (7061903-MSD1)		Source:	Г700784-2	21	Prepared:	06/19/07	Analyzed	d: 06/20/07			
Surrogate: p-Terphenyl	3.36			mg/l	4.00		84.1	65-135			
Diesel Range Hydrocarbons	21.1	0.098	0.50	"	20.0	3.72	86.7	75-125	8.28	20	

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.

alle Tagas

Blank (7061911-BLK1)

Methyl tert-butyl ether

Project: Mission Valley Rock

Prepared & Analyzed: 06/19/07

Project Number: EM5009C Project Manager: Michael Schenone **Reported:** 06/26/07 09:49

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

Analyte	Result	MDL	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 7061911 - EPA 5030 (GCMS										

Surrogate: 4-Bromofluorobenzene	7.64		ug/l	8.00	95.5	84-118
Surrogate: Dibromofluoromethane	6.59		"	8.00	82.4	66-124
Surrogate: Toluene-d8	7.85		"	8.00	98.1	85-115
Benzene	ND	0.50	"			
Toluene	ND	0.50	"			
Ethylbenzene	ND	0.50	"			
m,p-Xylene	ND	1.0	"			
o-Xylene	ND	0.50	"			
Tert-amyl methyl ether	ND	2.0	"			
Tert-butyl alcohol	ND	10	"			
Di-isopropyl ether	ND	2.0	"			
Ethyl tert-butyl ether	ND	2.0	"			

LCS (7061911-BS1)		Prepared & Analyzed: 06/19/07						
Surrogate: 4-Bromofluorobenzene	7.90	ug/l	8.00	98.8 84-118				
Surrogate: Dibromofluoromethane	6.79	"	8.00	84.9 66-124				
Surrogate: Toluene-d8	8.09	"	8.00	101 85-115				
Benzene	18.8	0.50 "	20.0	93.8 75-125				
Toluene	19.2	0.50 "	20.0	95.9 75-125				

1.0

ND

LCS Dup (7061911-BSD1)			Prepared & Ai	nalyzed: 06/19/0	07		
Surrogate: 4-Bromofluorobenzene	7.70	ug/l	8.00	96.2	84-118		
Surrogate: Dibromofluoromethane	6.87	"	8.00	85.9	66-124		
Surrogate: Toluene-d8	8.02	"	8.00	100	85-115		
Benzene	18.7	0.50 "	20.0	93.4	75-125	0.427	20
Toluene	19.2	0.50 "	20.0	96.0	75-125	0.0521	20

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.

Aller Wargas

Analyte

Project: Mission Valley Rock

Spike

Level

Source

Result

%REC

101

88.2

98.8

89.4

91.1

84-118

66-124

85-115

75-125

75-125

3.57

3.24

20

20

%REC

Limits

RPD

Project Number: EM5009C Project Manager: Michael Schenone **Reported:** 06/26/07 09:49

RPD

Limit

Notes

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

Reporting

Limit

MDL

Result

8.05

7.06

7.90

17.9

18.2

Blank (7061912-BLK1)		Prepared & Analyzed: 06/19/07									
Surrogate: 4-Bromofluorobenzene	8.00		ug/l	8.00	100	84-118					
Surrogate: Dibromofluoromethane	6.95		"	8.00	86.9	66-124					
Surrogate: Toluene-d8	7.94		"	8.00	99.2	85-115					
Benzene	ND	0.50	"								
Toluene	ND	0.50	"								
Ethylbenzene	ND	0.50	"								
m,p-Xylene	ND	1.0	"								
o-Xylene	ND	0.50	"								
LCS (7061912-BS1)				Prepared: 06/19	9/07 Analyzed	l: 06/20/07					
Surrogate: 4-Bromofluorobenzene	7.84		ug/l	8.00	98.0	84-118					
Surrogate: Dibromofluoromethane	6.31		"	8.00	78.9	66-124					
Surrogate: Toluene-d8	7.87		"	8.00	98.4	85-115					
Benzene	18.5	0.50	"	20.0	92.6	75-125					
Toluene	18.8	0.50	"	20.0	94.1	75-125					
LCS Dup (7061912-BSD1)				Prepared: 06/19	9/07 Analyzed	1: 06/20/07					

ug/l

0.50

0.50

8.00

8.00

8.00

20.0

20.0

SunStar Laboratories, Inc.

Surrogate: 4-Bromofluorobenzene

Surrogate: Dibromofluoromethane

Surrogate: Toluene-d8

Benzene

Toluene

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.

aller Targas

Tait Environmental	Project: Mission Valley Rock	
701 N. Parkcenter Drive	Project Number: EM5009C	Reported:
Santa Ana CA, 92705	Project Manager: Michael Schenone	06/26/07 09:49

Notes and Definitions

S-02	The surrogate recovery for this sample cannot be accurately quantified due to interference from coeluting organic compounds present in the sample extract.
J	Detected but below the Standard Reporting Limit; therefore, result is an estimated concentration (CLP J-Flag).
D-03	The result for the hydrocarbon range is due to the presence of a single analyte peak in the quantitation range. It does not resemble the requested pattern.
D-02	Hydrocarbon pattern present in the requested fuel quantitation range but does not resemble the pattern of the requested fuel.
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference

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.

Allen Tangas

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

Chain of Custody Record

T700784

Client: TAIT ENVIRONMENTAL MANAGEMENT Date: 6-13-07 Page: 1 Of 2

Address: 11280 Trade Certain Diene Project Name: Mission Valley Rock Project Name: Mission Valley Rock
Collector: Mike Schenore Client Project #: EM 5009C Project Manager: Mike Schenone Pau McCarter Batchr#: T0600102092 COC 72710 8015M Ext./Carbon Chain 6010/7000 Title 22 Metals OXY only Total # of containers 8015M (gasoline) 8015M (diesel) ₽ 8260 BTEX, 8260 + OXY Laboratory Sample Container Sample ID Date Sampled Time Type Type Comments/Preservative AOV MW-45 6-11-07 1331 (JEAB 61 MW-4d 404 62 MW - 55 1747 03 MW - 75 1455 04 8-WM 1525 05 MW-IILF 1602 90 MW - 125 1800 MW - 12d 1657 08 MW-12 LF 1730 EQUIP 1 1758 MW-5d 10-12-07 935 1) Mw - 3 1004 12 MW - 105 13 1045 MW - 2d 1110 14 MW - 2M 1137 Relinquished by: (signature) Date / Time eqeived by: Date / Time Total # of containers 75/145 Notes Nuchael Schenore 6/14/07 1312 Chain of Custody seals 6/N/NA Date / Time Provide EDF Relinguished by: (signature) Date / Time Seals intact (Y/N/NA Y C//6/07 09:30 Received good condition/cold 1. 7 6/16/0709:3 Relinquished by: (signature) Turn around time: STANDARD Sample disposal Instructions: Disposal @ \$2.00 each ____ Return to client _____ Pickup

T700784

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

Chain of Custody Record

Client: Tait tou	WOW	Lan	al Ma	naa	ene	~~	_			Da	te:_	ر	e ~	(3	0	7			Pag	je: 2		Of2_	
Client: Tait Environmental Management Address: 11200 Trade Center Dave										Pro	oiect	Naı	me:	М	رچ،	510	_	ر م	سلا	Roc	لح		
Phone: (916) 764-1239 Fax: (916) 858-1011										Со	Project Name: Mission Valley Rock Collector: Mike Schenore Client Project #: EM5009 C											<u> </u>	
Project Manager: Wike											atch #: T0600102092												
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								l +	ВТ		BT) N	5	N N	100				ato				
0 1 10	<u>.</u>			Samp		Container	99	8260	8260	8270	8021 BTEX	151	8015M (diesel)	8015M I	9				Laboratory				ब्र
Sample ID		e Sampled Time		Туре		Туре		8	8	82	8	80	8	8	8		_	<u> </u>		Com	ments/P	reservative	<u> </u>
MW-95	۱۰۵۱	2-07	1204	60248	>	VOA	 		$\langle \rangle$		_	$\overleftrightarrow{>}$	\Diamond		_				16				
MW-65 MW-10LF	-		1243			1	+		\Diamond			\Diamond	\Diamond		\dashv	-	-		17				
MW-10CF	+		1316			+	┼		\Diamond			\diamondsuit	\diamondsuit		-	+-			19	*******			
MW-9LF		 	1455		_				\Diamond			\Diamond	\diamondsuit		-				20				+
MW - 25			1545		-							$\stackrel{\checkmark}{>}$	\Diamond						21				+
MW-115		<u> </u>	1606				1		\overleftrightarrow{X}				父				—	+	22				+
MW - 10d			1491						X			X	X					T	13				
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MW-9d			1048			_	_		X			X	X				_		27				
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Relinquished by: (signature)		Date / Ti	me .	Receive	nd by:	signature)			Date									<u> </u>	70	145	B.1		
			<i>I</i>	1 1/2	//	ignature)	' i		Pall		3/2	سرد						ainers		145	No	otes	
Michael Schenone 6-14-07/1312 /2					(set /1/07 6/14/07								Chain of Custody seals A/N/NA							Pro	وتطع	EDF	
- 4 A					Received to: (signature) Dat								Seals intact? Ø /N/NA						K.				
Relinquished by: (signature) 6/16/07 69:30 Received by Received by						1//R	E 6/16/0				09	30	Received good condition/cold										
Relinquished by: (signature)		Date// Ti	me	Receive	ed by : (signature)			Date														
															Turn around time: STANDARD								
Sample disposal Instructions: [Disposal	@ \$2.00	each	Re	turn to c	lient		Pic	ckup	_					u		5	- 04					
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