First Quarter 2006
Groundwater Monitoring and Sampling Report

Mission Valley Rock Company
7999 Athenour Way
Sunol, California

Prepared by:
Tait Environmental Management, Inc.

April 20, 2006

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First Quarter 2006
Groundwater Monitoring and Sampling Report

Mission Valley Rock Company
7999 Athenour Way
Sunol, California

Prepared for:

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Project No. EM-5009A

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

1.0 INTRODUCTION

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

2.0 OBJECTIVE AND SCOPE OF WORK

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

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

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

3.0 BACKGROUND

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

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

In January 2005, eight additional soil borings were advanced at the site using a hollow-stem auger drill rig. Six of the borings were converted to single-, double-, and triple-completion groundwater monitoring wells for a total of 12 wells. 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)

Quarterly groundwater monitoring and sampling have been conducted by TEM from the Fourth

Quarter 2000 through the present.

4.0 SITE HYDROGEOLOGY

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

Drilling and sampling activities at the site indicate that a discontinuous clay layer is present below the surficial gravels to depths of 10 to 15 feet below ground surface (bgs), with the exception of the area at MW-2S/2M/2D, where the clay layer extends to a depth of 25 feet bgs (TEM, 2005). Soils below the clay layer to the maximum depth explored (30 feet bgs) consist primarily of gravelly sand and sandy gravel mixtures.

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

Based on the First Quarter 2006 groundwater monitoring data, the depth to groundwater at the site averaged 2.30 feet bgs. This represents an overall average rise in the groundwater table of about five feet relative to the Fourth Quarter 2005 groundwater monitoring event. The apparent groundwater flow direction in both the shallow-zone and the deep-zone wells is to the southeast at a gradient of about 0.02 feet/foot (Figures 3 and 4). The flow direction is opposite to the regional northwestern groundwater flow direction in the Sunol Valley as reported by the ACEHS in their letter to Mission Valley Rock Company, dated November 3, 2005 (ACEHS, 2005). The variation from the regional trend may reflect local conditions, and the groundwater levels at the site may be affected by excavation and pumping operations related to aggregate extraction at the site.

5.0 GROUNDWATER MONITORING WELL PURGING AND SAMPLING

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

On March 2 and 3, 2006, the groundwater monitoring wells were sampled using a Waterra inertial pump as part of the First Quarter 2006 groundwater monitoring and sampling event. Groundwater samples were collected from 14 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 65 gallons of purged groundwater were pumped into two steel 55-gallon drums during the sampling event. Groundwater samples were collected from the discharge end of the pump at low-flow levels and transferred into laboratory-supplied containers. Care was taken to ensure that no headspace was present in the containers.

Integrated Waste Management of Milpitas, California provided pick-up services for the drummed purge water generated by the monitoring activities. The drums were transported and disposed as non-hazardous water at Seaport Refining & Environmental in Redwood City, California on March 23, 2006. The Certificate of Disposal is contained in Appendix B.

6.0 LABORATORY ANALYSES

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

- The diesel and gasoline fractions of Total Petroleum Hydrocarbons (TPHd and TPHg, respectively) using EPA Method No. 8015M.

- Benzene, toluene, ethylbenzene, total xylenes (BTEX), 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.

Dissolved-phase TPHg concentrations in the shallow groundwater zone are presented in Figure 5, and deep-zone TPHg concentrations are contoured in Figure 6. Dissolved-phase MTBE concentrations in shallow-zone wells are contoured in Figure 7, and deep-zone MTBE isoconcentration contours are presented in Figure 8.

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

7.0 SUMMARY OF ACTIVITIES AND FINDINGS

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

- Based on the depth to water measurements obtained by TEM, groundwater levels averaged 2.30 feet bgs, which is approximately five feet higher than the water levels measured in the wells during the Fourth Quarter 2005 groundwater monitoring event. The groundwater flow direction in both the shallow-zone and deep-zone wells is to the southeast at a gradient of approximately 0.02 feet/foot.

- Fourteen (14) groundwater samples were collected from the monitoring wells at the site, and they were delivered to SunStar for analysis.
- A maximum TPHd concentration of 45,000 µg/L was detected in well MW-7D.
- A maximum TPHg concentration of 71,000 µg/L was detected in well MW-7D.
- A maximum benzene concentration of 420 µg/L was detected in well MW-7D.
- A maximum shallow-zone MTBE concentration of 60 µg/L was detected in well MW-6S.
- The maximum MTBE concentration in the deep-zone wells was 140 µg/L in well MW-3.
- In general, the levels of hydrocarbons decreased relative to their respective Fourth Quarter 2005 concentrations.
- MTBE concentrations were centered in the area downgradient from the former USTs in the vicinity of wells MW-3S/D and MW-6S/D.
- Based on groundwater sampling data, the BTEX concentrations were low except in well MW-7D, and fuel oxygenates other than MTBE were not detected above laboratory reporting limits.

8.0 QUALITY ASSURANCE/QUALITY CONTROL

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

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

9.0 REFERENCES

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

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

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.

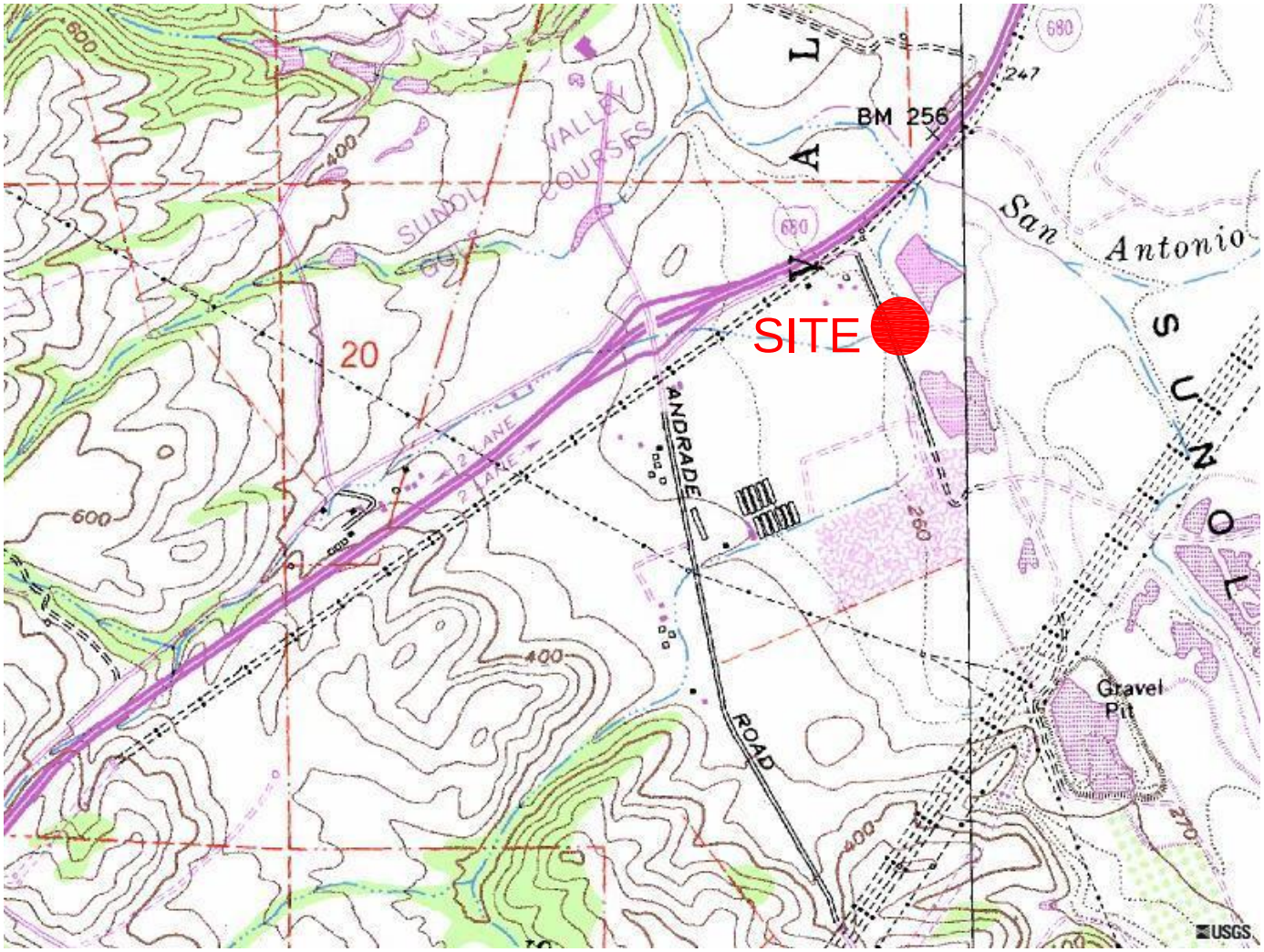
U.S. Geological Survey (USGS), 1989, *Fremont 7.5 Minute Topographic Quadrangle Map*, 1:24,000.

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.

M:\TEM\TEM 2006\Clients-TEM\Mission Valley Rock Company\Qtly GW Monitoring\GW Monitoring 1st Qtr 2006\MVR 1st Qtr Report 2006.doc

FIGURES



NORTH

0 2000

1" = 2000'

NOTES:

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

701 NORTH PARKCENTER DRIVE
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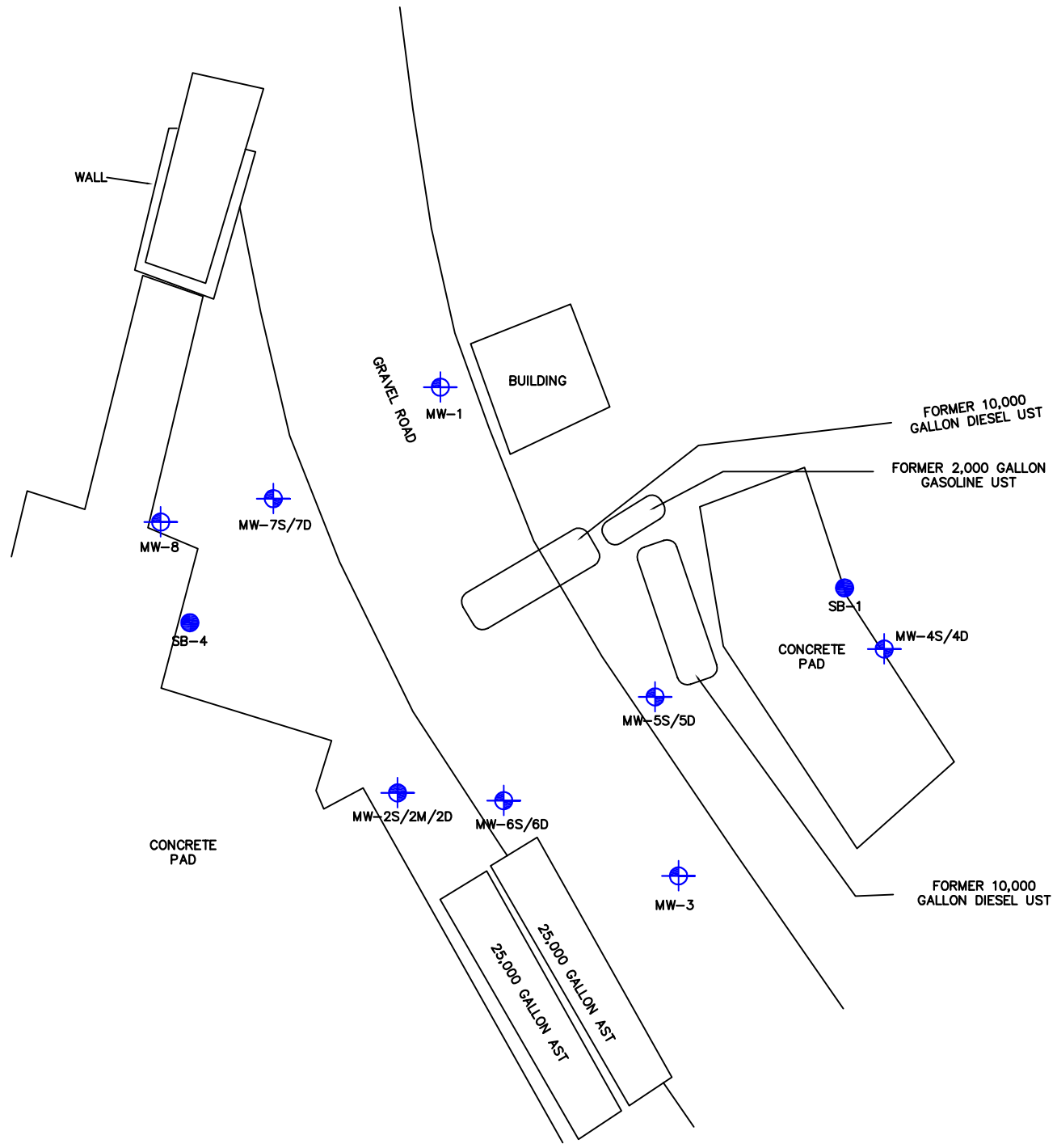
ENVIRONMENTAL MANAGEMENT, INC.

SITE VICINITY MAP

MISSION VALLEY ROCK CO.
7999 ATHENOUR WAY
SUNOL, CALIFORNIA

PROJECT NO. EM-5009A

FIGURE 1



Legend:

- Groundwater Monitoring Well – Single Completion — MW-1
- Groundwater Monitoring Well – Dual Nested — MW-7S/7D
- Groundwater Monitoring Well – Triple Nested — MW-2S/2M/2D
- Soil Boring — MW-1

0 30

SCALE: 1 INCH=30 FEET

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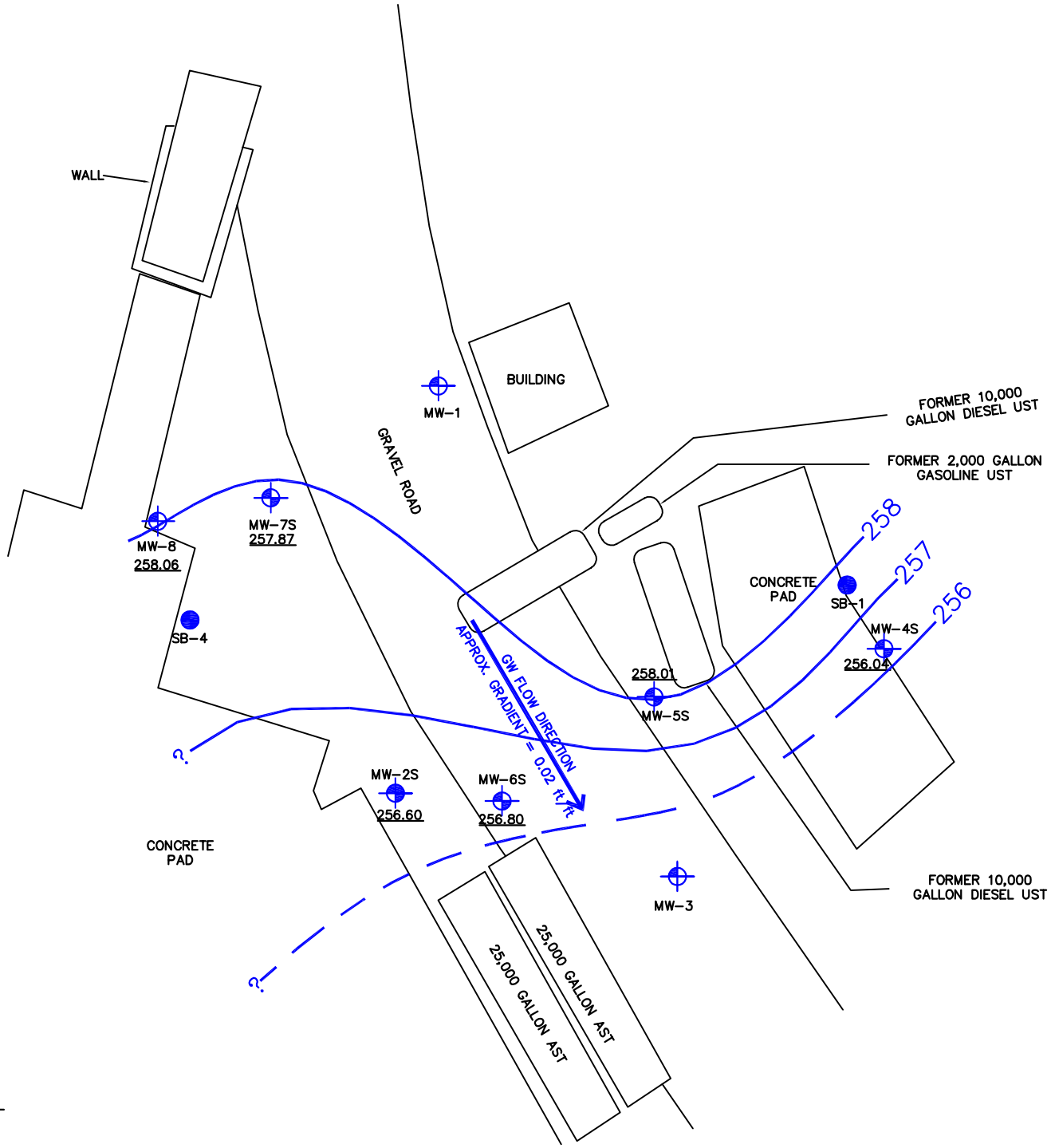
SITE PLAN

MISSION VALLEY ROCK
7999 ATHENOUR WAY
SUNOL, CALIFORNIA

PROJECT NO. EM-5009A

FIGURE 2



Legend:

MW-1 — GROUNDWATER MONITORING WELL – SINGLE COMPLETION

MW-7S/7D — GROUNDWATER MONITORING WELL – DUAL NESTED

MW-2S/2M/2D — GROUNDWATER MONITORING WELL – TRIPLE NESTED

MW-4S 256.04 — GROUNDWATER MONITORING WELL WITH GROUNDWATER ELEVATION IN FOOT ABOVE MEAN SEA LEVEL

SB-1 — TEMPORARY SOIL BORING

0 30

SCALE: 1 INCH=30 FEET

GROUNDWATER GAUGED ON March 2, 2006

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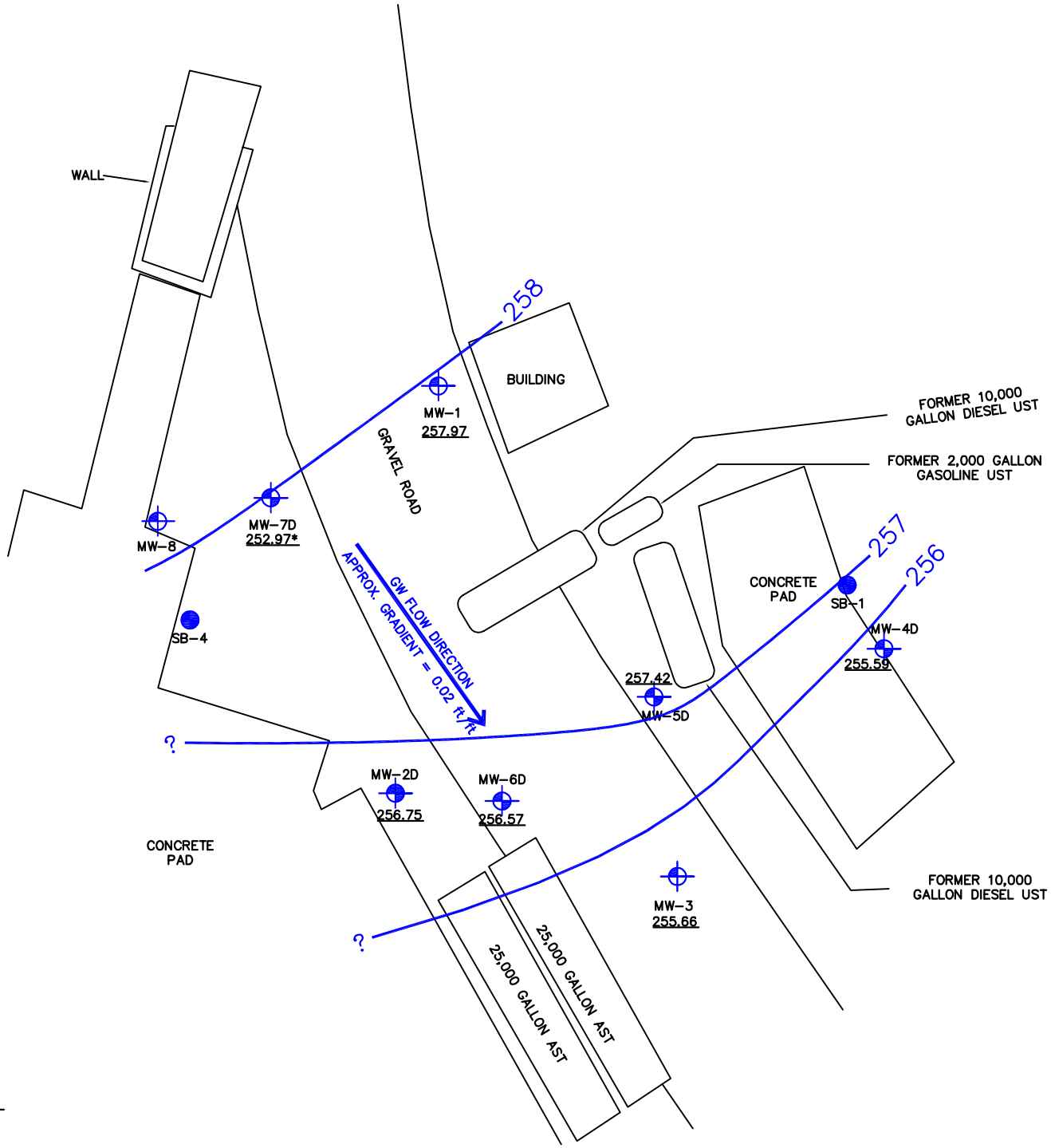
FIRST QUARTER 2006 GROUNDWATER CONTOUR MAP (SHALLOW ZONE)

MISSION VALLEY ROCK
7999 ATHENOUR WAY
SUNOL, CALIFORNIA

PROJECT NO. EM-5009A | FIGURE 3



Legend:

- MW-1 — GROUNDWATER MONITORING WELL – SINGLE COMPLETION
- MW-7S/7D — GROUNDWATER MONITORING WELL – DUAL NESTED
- MW-2S/2M/2D — GROUNDWATER MONITORING WELL – TRIPLE NESTED
- MW-2D 256.75 — DEEP GROUNDWATER MONITORING WELL WITH GROUNDWATER ELEVATION IN FEET ABOVE MEAN SEA LEVEL
- 252.97* GROUNDWATER ELEVATION NOT USED FOR CONTOURING
- TEMPORARY SOIL BORING

GROUNDWATER GAUGED ON March 2, 2006

0 30

SCALE: 1 INCH=30 FEET

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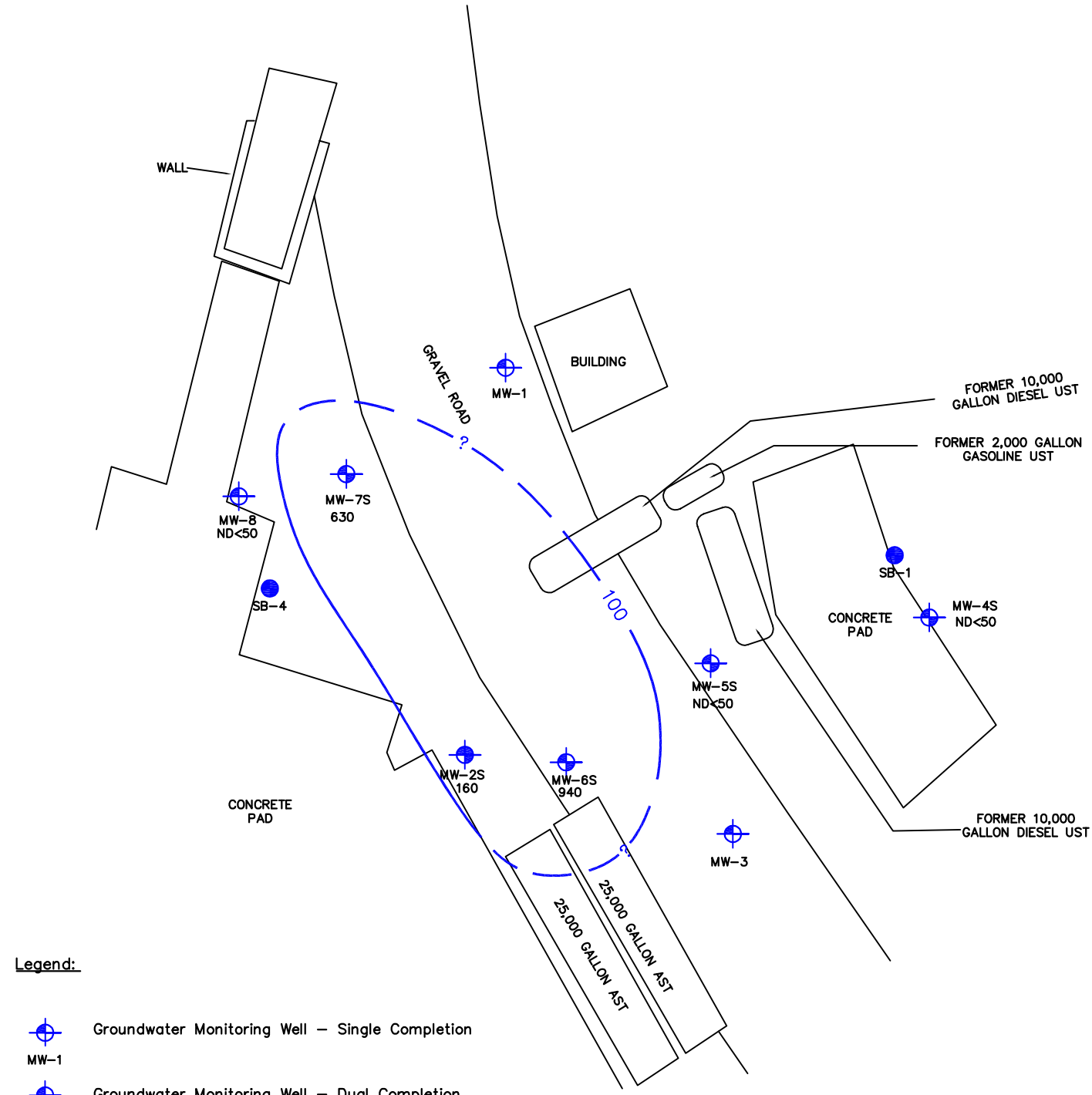
FIRST QUARTER 2006 GROUNDWATER CONTOUR MAP (DEEP ZONE)

MISSION VALLEY ROCK
7999 ATHENOUR WAY
SUNOL, CALIFORNIA

PROJECT NO. EM-5009A | FIGURE 4



Legend:

MW-1 — Groundwater Monitoring Well – Single Completion

MW-4S — Groundwater Monitoring Well – Dual Completion

MW-2S — Groundwater Monitoring Well – Triple Completion

MW-2S 160 — GROUNDWATER MONITORING WELL WITH TPH-G CONCENTRATION MICROGRAMS PER LITER (ug/L)

100 — TPH-G CONCENTRATION CONTOUR IN ug/L

SB-4 — TEMPORARY SOIL BORING

GROUNDWATER SAMPLES COLLECTED ON MARCH 2-3, 2006

0 30

SCALE: 1 INCH=30 FEET

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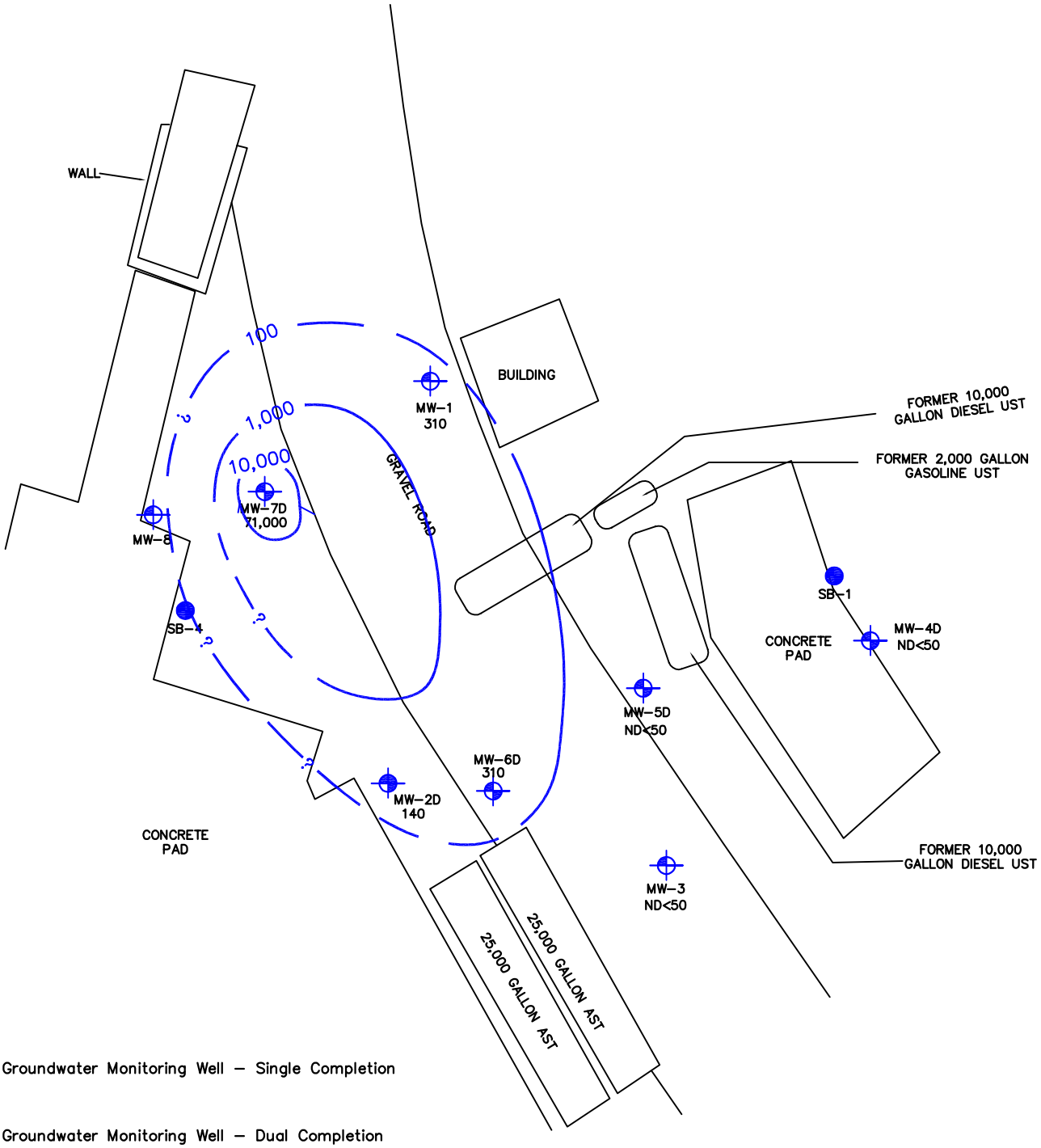
FIRST QUARTER 2006
TPH-G CONCENTRATIONS
IN GROUNDWATER (SHALLOW ZON
MISSION VALLEY ROCK
7999 ATHENOUR WAY
SUNOL, CALIFORNIA

PROJECT NO. EM-5009A | FIGURE 5



Legend:

MW-1 — Groundwater Monitoring Well – Single Completion

MW-4D — Groundwater Monitoring Well – Dual Completion

MW-2D — Groundwater Monitoring Well – Triple Completion

MW-2D 140 — GROUNDWATER MONITORING WELL WITH TPH-G CONCENTRATION MICROGRAMS PER LITER (ug/L)

100 — TPH-G CONCENTRATION CONTOUR LINE IN ug/L; WHERE QUIRIED UNKNOWN

SB-4 — TEMPORARY SOIL BORING

GROUNDWATER SAMPLES COLLECTED MARCH 2-3, 2006

0 30

SCALE: 1 INCH=30 FEET

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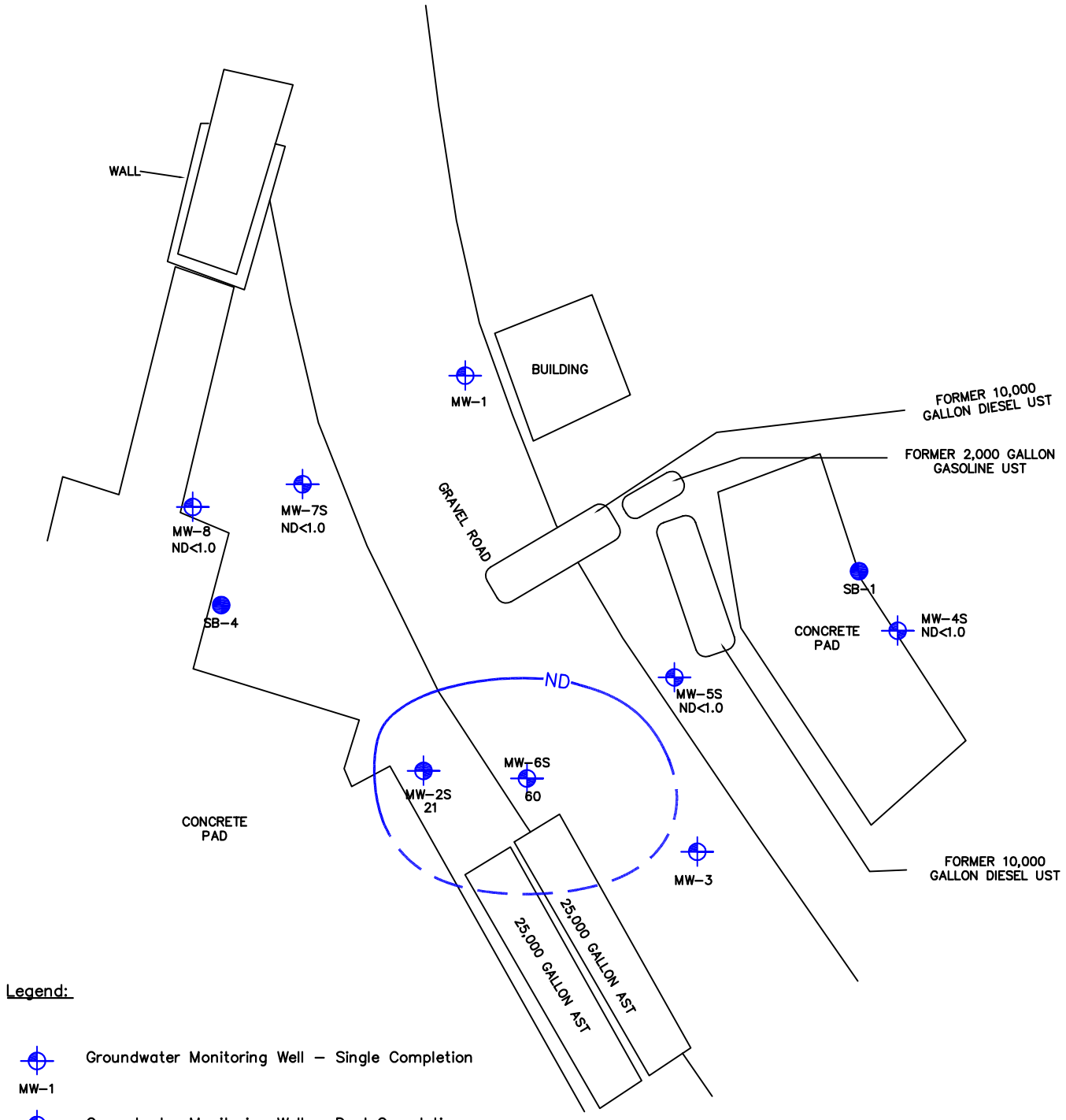
FIRST QUARTER 2006
TPH-G CONCENTRATIONS
IN GROUNDWATER (DEEP ZONE)
MISSION VALLEY ROCK
7999 ATHENOUR WAY
SUNOL, CALIFORNIA

PROJECT NO. EM-5009A | FIGURE 6



Legend:

- MW-1 — Groundwater Monitoring Well – Single Completion
- MW-4S — Groundwater Monitoring Well – Dual Completion
- MW-2S — Groundwater Monitoring Well – Triple Completion
- MW-2S 21 — GROUNDWATER MONITORING WELL WITH MTBE CONCENTRATION IN MICROGRAMS PER LITER (ug/L)
- ND — MTBE CONCENTRATION NOT DETECTED (BELOW LAB REPORTING LIMIT)
- SB-1 — TEMPORARY SOIL BORING

0 30

SCALE: 1 INCH=30 FEET

GROUNDWATER SAMPLES COLLECTED ON MARCH 2-3, 2006

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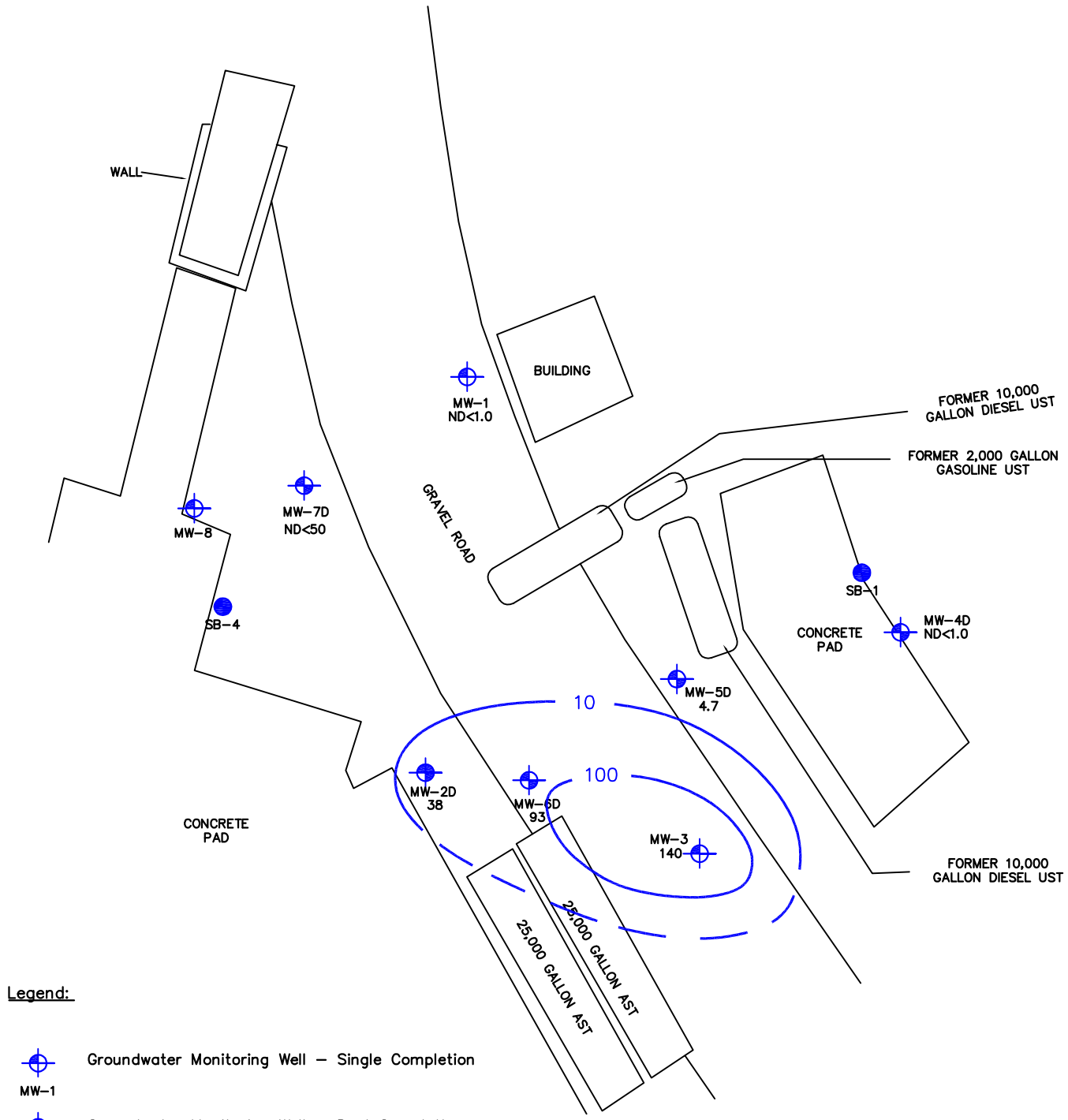
FIRST QUARTER 2006
MTBE CONCENTRATIONS
IN GROUNDWATER (SHALLOW ZONE)

MISSION VALLEY ROCK
7999 ATHENOUR WAY
SUNOL, CALIFORNIA

PROJECT NO. EM-5009A | FIGURE 7



Legend:

MW-1 — Groundwater Monitoring Well – Single Completion

MW-4D — Groundwater Monitoring Well – Dual Completion

MW-2D — Groundwater Monitoring Well – Triple Completion

MW-2D 38 — GROUNDWATER MONITORING WELL WITH MTBE CONCENTRATION IN MICROGRAMS PER LITER (ug/L)

10 — MTBE CONCENTRATION CONTOUR IN ug/L

TEMPORARY SOIL BORING

GROUNDWATER SAMPLES COLLECTED ON MARCH 2-3, 2006

0 30

SCALE: 1 INCH=30 FEET

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FIRST QUARTER 2006
MTBE CONCENTRATIONS
IN GROUNDWATER (DEEP ZONE)

MISSION VALLEY ROCK
7999 ATHENOUR WAY
SUNOL, CALIFORNIA

PROJECT NO. EM-5009A | FIGURE 8

TABLES

Table 1
Well Construction Details and Groundwater Elevation Data
First Quarter 2006
Mission Valley Rock Company
Sunol, California

Well ID	Casing Diameter (inches)	Depth to Water (feet below TOC)	Total Depth (feet below TOC)	Screened Interval (feet bgs)	Measuring Point Elevation (feet MSL)	Groundwater Elevation (feet MSL)
MW-1	2	0.71	17.55	5.0 - 20.0	258.68	257.97
MW-2S	2	2.24	8.50	3.0-8.0	258.84	256.60
MW-2M	2	2.10	18.76	14.0-19.0	258.99	256.89
MW-2D	2	2.16	29.43	25.0-30.0	258.91	256.75
MW-3	2	3.42	15.55	5.0-20.0	259.08	255.66
MW-4S	2	3.10	8.15	3.0-8.0	259.14	256.04
MW-4D	2	3.63	23.19	17.0-22.0	259.22	255.59
MW-5S	2	1.42	8.01	3.0-8.0	259.43	258.01
MW-5D	2	1.98	22.68	17.0-22.0	259.40	257.42
MW-6S	2	1.95	14.79	5.0-15.0	258.75	256.80
MW-6D	2	2.70	28.95	24.5-29.5	259.27	256.57
MW-7S	2	0.95	8.38	5.0-8.0	258.82	257.87
MW-7D	2	5.10	22.57	20.0-25.0	258.07	252.97
MW-8	2	0.78	15.10	5.0-15.0	258.84	258.06

Screened intervals are approximated. Screened interval in wells is lower than the measured total depth due to silting in the bottom of wells.
The measurement point for the above wells is the north side of the top of casing.
Depth to water and total depth measurements taken by Tait Environmental Management, Inc. personnel on March 2, 2006.
Total depth and depth to water measurements taken by Tait Environmental Management from designated measurement point.
Groundwater Elevation = Measurement Point Elevation - Depth to Water.
TOC = Top of Casing
bgs = Below Ground Surface
MSL = Mean Sea Level

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)
MW-1	256.51	06/01/98	1.32	255.19	ND
		01/01/99	2.28	254.23	ND
		03/01/99	1.88	254.63	ND
		06/01/99	3.35	253.16	ND
		09/01/99	3.66	252.85	ND
		12/01/99	2.94	253.57	ND
		03/01/00	2.72	253.79	Odor
		06/01/00	4.01	252.50	Slight Odor
		09/01/00	5.11	251.40	Slight Odor
		12/01/00	4.95	251.56	ND
		03/01/01	2.28	254.23	ND
		06/01/01	3.60	252.91	ND
		09/01/01	6.50	250.01	ND
		12/01/01	1.29	255.22	ND
		03/01/02	2.91	253.60	ND
		06/02/02	3.95	252.56	ND
		09/02/02	5.18	251.33	ND
		12/01/02	3.90	252.61	ND
		03/01/03	1.40	255.11	ND
		06/03/03	2.65	253.86	ND
		09/19/03	4.67	251.84	ND
		12/03/03	4.60	251.91	ND
	258.68	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
		03/02/06	0.71	257.97	ND
MW-2	256.7	06/01/98	1.72	254.98	0.005
		01/01/99	2.69	254.01	4.00
		03/01/99	2.50	254.20	ND
		06/01/99	4.00	252.70	Sheen
		09/01/99	4.54	252.16	0.50
		12/01/99	3.85	252.85	0.13
		03/01/00	3.20	253.50	0.03
		06/01/00	4.62	252.08	0.02
		09/01/00	5.95	250.75	>0.01
		12/01/00	5.65	251.05	0.07
		03/01/01	3.21	253.49	0.10
		06/01/01	3.31	253.39	0.06
		09/01/01	7.08	249.62	0.34
		12/01/01	2.18	254.52	0.26
		03/01/02	3.40	253.30	0.90
		06/02/02	4.35	252.35	0.08
		09/02/02	5.54	251.16	ND
		12/01/02	4.30	252.40	ND
		03/01/03	1.78	254.92	ND
		06/03/03	3.10	253.60	ND
		09/19/03	5.02	251.68	ND
		12/03/03	NM	NM	NM
		01/05/05	Abandoned		

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)
MW-2S	258.84	01/17/05	4.25	254.59	ND
		05/04/05	1.98	256.86	ND
		08/12/05	5.46	253.38	ND
		12/12/05	7.38	251.46	ND
		03/02/06	2.24	256.60	ND
MW-2M	258.99	01/17/05	4.68	254.31	ND
		05/04/05	2.32	256.67	ND
		08/12/05	5.77	253.22	ND
		12/12/05	7.78	251.21	ND
		03/02/06	2.1	256.89	ND
MW-2D	258.91	01/17/05	4.75	254.16	ND
		05/04/05	2.38	256.53	ND
		08/12/05	5.90	253.01	ND
		12/12/05	7.85	251.06	ND
		03/02/06	2.16	256.75	ND
MW-3	256.72	06/01/98	2.66	254.06	ND
		01/01/99	4.47	252.25	Slight Odor
		03/01/99	3.96	252.76	Sheen
		06/01/99	5.54	251.18	ND
		09/01/99	6.18	250.54	Sheen
		12/01/99	5.52	251.20	Odor
		03/01/00	4.61	252.11	Odor
		06/01/00	6.35	250.37	Very Slight Odor
		09/01/00	7.30	249.42	Very Slight Odor
		12/01/00	7.29	249.43	ND
		03/01/01	4.73	251.99	ND
		06/01/01	NM	NM	NM
		09/01/01	7.89	248.83	ND
		12/01/01	3.77	252.95	ND
		03/01/02	5.12	251.60	ND
		06/02/02	6.52	250.20	ND
		09/02/02	7.28	249.44	ND
		12/01/02	6.40	250.32	ND
		03/03/03	4.01	252.71	ND
		06/03/03	5.13	251.59	ND
		09/19/03	5.13	251.59	ND
		12/03/03	7.20	249.52	ND
	259.08	01/17/05	5.81	253.27	ND
		05/04/05	3.50	255.58	ND
		08/12/05	6.01	253.07	ND
		12/12/05	8.45	250.63	ND
		03/02/06	3.42	255.66	ND
MW-4S	259.14	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
		03/02/06	3.1	256.04	ND
MW-4D	259.22	01/17/05	5.96	253.26	ND
		05/04/05	3.93	255.29	ND
		08/12/05	5.60	253.62	ND

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)
		12/12/05	8.50	250.72	ND
		03/02/06	3.63	255.59	ND
MW-5S	259.43	01/17/05	4.57	254.86	ND
		05/04/05	2.50	256.93	ND
		08/12/05	5.30	254.13	ND
		12/12/05	7.68	251.75	ND
		03/02/06	1.42	258.01	ND
MW-5D	259.40	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
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
MW-6D	259.27	01/17/05	5.17	254.10	ND
		05/04/05	2.80	256.47	ND
		08/12/05	6.30	252.97	ND
		12/12/05	8.32	250.95	ND
		03/02/06	2.7	256.57	ND
MW-7S	258.82	01/17/05	3.42	255.40	ND
		05/04/05	1.44	257.38	ND
		08/12/05	4.80	254.02	ND
		12/12/05	6.64	252.18	ND
		03/02/06	0.95	257.87	ND
MW-7D	258.07	01/17/05	5.50	252.57	ND
		05/04/05	1.45	256.62	ND
		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-8	258.84	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

Depth to water and liquid phase hydrocarbon (LPH) thickness reported in feet below measurement point.
Groundwater elevations reported in feet above mean sea level (msl).
Adjusted groundwater elevation = Measurement Point Elevation - Depth to Water + (LPH Thickness x 0.75)
NM = Not Measured
ND = Not Detected
TOC = Top of Casing
MSL = Mean Sea Level
LPH = Liquid-Phase Hydrocarbon

Table 3
Groundwater Analytical Results
First Quarter 2006
Mission Valley Rock Company
Sunol, California

Well	Date	TPHd (ug/L)	TPHg (ug/L)	Benzene (ug/L)	Toluene (ug/L)	Ethylbenzene (ug/L)	Total Xylenes (ug/L)	MTBE (ug/L)	TBA (ug/L)
MW-1	3/3/2006	ND<50	310	ND<0.5	ND<0.5	ND<0.5	ND<1.0	ND<1.0	ND<10
MW-2S	3/3/2006	5900	160	ND<0.5	ND<0.5	ND<0.5	ND<1.0	21	ND<10
MW-2M	3/3/2006	ND<50	290	ND<0.5	ND<0.5	0.5	ND<1.0	17	ND<10
MW-2D	3/3/2006	ND<50	140	ND<0.5	ND<0.5	ND<0.5	ND<1.0	38	ND<10
MW-3	3/3/2006	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1.0	140	ND<10
MW-4S	3/3/2006	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1.0	ND<1.0	ND<10
MW-4D	3/3/2006	ND<50	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<1.0	ND<10
MW-5S	3/3/2006	ND<50	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<1.0	ND<10
MW-5D	3/3/2006	ND<50	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	4.7	ND<10
MW-6S	3/3/2006	ND<50	940	ND<0.50	ND<0.50	4.9	ND<1.0	60	ND<10
MW-6D	3/3/2006	ND<50	310	ND<0.50	ND<0.5	ND<0.5	ND<1.0	93	ND<10
MW-7S	3/3/2006	ND<50	630	1.1	9.0	31	78	ND<1.0	ND<10
MW-7D	3/3/2006	45000	71000	420	2400	4400	11300	ND<1.0	ND<10
MW-8	3/3/2006	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1.0	ND<1.0	ND<10

Notes:
Analyses for Total Petroleum Hydrocarbons as Gasoline and Diesel (TPHg and TPHd, respectively) were performed using EPA Method No. 8015M.
Analyses for benzene, toluene, ethylbenzene, total xylenes, methyl-tert-butyl ether (MTBE), and Tert-butyl alcolhol (TBA) were performed using EPA Method No. 8260B.
Tert-amyl methyl ether (TAME), Di-isoproppyl ether (DIPE), and Ethyl tert-butyl ther (ETBE) were not detected above laboratory detection limits.
Total xylene concentrations were determined by adding m,p-xylene and o-xylene from laboratory report.
NM = Not Measured
mg/L = Milligrams per Liter
ug/L = Micrograms per Liter
ND = Non-detect at or above corresponding laboratory reporting limit.
Monitoring wells MW-1 and MW-3 were sampled on December 13, 2005.

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

Well	Date	TPHd (ug/L)	TPHg (ug/L)	Benzene (ug/L)	Toluene (ug/L)	Ethylbenzene (ug/L)	Xylenes (ug/L)	MTBE (ug/L)
MW-1	06/01/98	0.1	3,100	19	2.3	91	48	110
	10/01/98	0.1	2,300	3.1	4.2	5.0	15	ND<0.50
	12/01/98	350	ND<50	12	7.5	20	6.2	ND<5.0
	03/01/99	190	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5
	06/01/99	210	1,800	1.2	0.9	1.5	4.6	ND<0.5
	09/01/99	62	180	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.5
	12/01/99	290	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5
	03/01/00	86	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5
	06/01/00	70	450	2.1	ND<0.5	2.1	1.4	7.6
	09/01/00	ND<50	850	5.4	ND<0.50	9.4	2.6	9.8
	12/01/00	ND<1,000	370	5.3	ND<1.0	2.7	ND<3.0	55
	03/01/01	ND<1,000	700	ND<1.0	ND<1.0	1.4	ND<1.0	ND<1.0
	06/01/01	ND<1,000	170	ND<1.0	ND<1.0	1.2	ND<1.0	ND<1.0
	09/01/01	ND<1,000	730	1.4	ND<1.0	7.6	1.2	ND<1.0
	12/01/01	1000	500	15	ND<1.0	27	5.5	ND<1.0
	03/02/02	12000	29000	50	ND<25	960	290	ND<25
	06/02/02	ND<1,000	1400	3.5	ND<1.0	42	7.9	ND<1.0
	09/02/02	1400	760	ND<1.0	ND<1.0	4.3	1.1	ND<1.0
	12/01/02	ND<1,000	1600	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0
	03/01/03	ND<1,000	620	1.2	ND<1.0	12	ND<1.0	ND<1.0
	06/03/03	ND<1,000	0.61	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0
	09/01/03	ND<1,000	1.2	ND<1.0	ND<1.0	6.4	ND<1.0	ND<1.0
	12/03/03	ND<1,000	0.49	ND<1.0	ND<1.0	3.0	ND<1.0	ND<1.0
	01/17/05	ND<50	63	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0
	05/04/05	ND<50	1200	ND<0.5	ND<0.5	8.5	1.2	ND<1.0
	08/12/05	ND<50	410	ND<0.5	ND<0.5	2.4	ND<0.5	ND<1.0
	12/13/05	ND<50	750	3.8	ND<0.5	4.2	ND<1.0	ND<1.0
	03/03/06	ND<50	310	ND<0.5	ND<0.5	ND<0.5	ND<1.0	ND<1.0
MW-2	06/01/98	12,000	2,500	0.68	ND<0.50	1.2	0.57	14
	10/01/98	4,300	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
	12/01/98	38,000	ND<5,000	ND<50	ND<50	51	190	ND<500
	03/01/99	580	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5
	06/01/99	4,500	24,000	38	27	41	98	ND<0.5
	09/01/99	24,000	1,400	ND<0.50	ND<0.50	ND<0.50	ND<0.50	27
	12/01/99	2,300	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5
	03/01/00	620	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5
	06/01/00	1,700	270	ND<0.5	ND<0.5	ND<0.5	ND<0.5	17
	09/01/00	5,800	130	ND<0.50	ND<0.50	ND<0.50	0.94	12
	12/01/00	19,000	1700	ND<50	ND<50	ND<50	ND<150	ND<250
	03/01/01	610000	3300	ND<1.0	ND<1.0	ND<1.0	ND<1.0	9.0
	06/01/01	8800	1800	ND<1.0	ND<1.0	ND<1.0	ND<1.0	6.7
	09/01/01	530000	7000	ND<50	ND<50	ND<50	ND<50	ND<50
	12/01/01	27000	310	ND<1.0	ND<1.0	ND<1.0	ND<1.0	62
	03/02/02	65000	130	ND<1.0	ND<1.0	ND<1.0	ND<1.0	30
	06/02/02	130000	460	ND<1.0	ND<1.0	ND<1.0	ND<1.0	24
	09/02/02	480000	290	ND<1.0	ND<1.0	ND<1.0	ND<1.0	16
	12/01/02	61000	1800	ND<1.0	ND<1.0	ND<1.0	ND<1.0	10
	03/01/03	5000	ND<100	ND<1.0	ND<1.0	ND<1.0	ND<1.0	14
	06/17/03	8.1	360	ND<1.0	ND<1.0	ND<1.0	ND<1.0	20
	09/19/03	85	12	ND<1.0	ND<1.0	ND<1.0	ND<1.0	15
	12/03/03	NS						
	01/17/05	Abandoned						
MW-2S	01/17/05	1100	730	ND<0.50	ND<0.50	1.0	3.5	50
	05/04/05	8200	190	ND<0.5	ND<0.5	ND<0.5	ND<0.5	44
	08/12/05	6100	120	ND<0.5	ND<0.5	ND<0.5	ND<0.5	77
	12/12/05	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1.0	26
	03/03/06	5900	160	ND<0.5	ND<0.5	ND<0.5	ND<1.0	21
MW-2M	01/17/05	4100	3300	6.5	1.7	89	82.2	38
	05/04/05	ND<50	610	ND<0.5	ND<0.5	16	10.6	32
	08/12/05	ND<50	460	ND<0.5	ND<0.5	2.5	1.2	56
	12/12/05	ND<50	410	ND<0.5	ND<0.5	ND<0.5	ND<1.0	28
	03/03/06	ND<50	290	ND<0.5	ND<0.5	0.5	ND<1.0	17
MW-2D	01/17/05	1800	1000	6.5	ND<0.50	80	71	62
	05/04/05	ND<50	250	ND<0.5	ND<0.5	4.6	1.6	72
	08/12/05	ND<50	ND<50	ND<0.5	ND<0.5	2.8	1.1	51
	12/12/05	ND<50	200	ND<0.5	ND<0.5	ND<0.5	ND<1.0	39
	03/03/06	ND<50	140	ND<0.5	ND<0.5	ND<0.5	ND<1.0	38
MW-3	06/01/98	12,000	300	0.80	ND<0.50	ND<0.50	ND<0.50	150
	10/01/98	6400	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
	12/01/98	5,600	ND<100	1.6	1.4	ND<1.0	ND<1.0	110
	03/01/99	150	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5
	06/01/99	620	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5
	09/01/99	1,500	230		ND<0.50	ND<0.50	ND<0.50	89
	12/01/99	58	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5
	03/01/00	94	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5
	06/01/00	240	170	ND<0.5	0.52	ND<0.5	ND<0.5	100
	09/01/00	850	170	0.81	ND<0.50	ND<0.50	ND<0.50	68
	12/01/00	1600	230	ND<1.0	ND<1.0	ND<1.0	ND<3.0	80
	03/01/01	1100	140	ND<1.0	ND<1.0	ND<1.0	ND<1.0	83
	06/01/01	NS	NS	NS	NS	NS	NS	NS

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

Well	Date	TPHd (ug/L)	TPHg (ug/L)	Benzene (ug/L)	Toluene (ug/L)	Ethylbenzene (ug/L)	Xylenes (ug/L)	MTBE (ug/L)
	09/01/01	3800	ND<100	ND<1.0	ND<1.0	ND<1.0	ND<1.0	45
	12/01/01	3100	340	1.4	1.1	10	3.8	45
	03/02/02	1500	ND<100	ND<1.0	ND<1.0	ND<1.0	ND<1.0	50
	06/02/02	ND<1000	160	ND<1.0	ND<1.0	ND<1.0	ND<1.0	36
	09/02/02	ND<1000	ND<1000	ND<1.0	ND<1.0	ND<1.0	ND<1.0	43
	12/01/02	ND<1000	ND<100	ND<1.0	ND<1.0	ND<1.0	ND<1.0	41
	03/01/03	ND<1000	ND<100	ND<2.5	ND<2.5	ND<2.5	ND<2.5	92
	06/03/03	1200.0	ND<100	ND<2.0	ND<2.0	ND<2.0	ND<2.0	93
	09/19/03	ND<1000	ND<100	ND<2.0	ND<2.0	ND<2.0	ND<2.0	65
	12/01/03	5700	190	ND<2.0	ND<2.0	ND<2.0	ND<2.0	56
	01/17/05	ND<50	590	ND<0.50	ND<0.50	ND<0.50	ND<0.50	47
	05/04/05	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	190
	08/11/05	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	110
	12/13/05	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1.0	75
	03/03/06	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1.0	140
MW-4S	01/17/05	ND<50	65	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0
	05/04/05	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<1.0
	08/12/05	ND<50	ND<50	ND<0.5	ND<0.5	2.2	5.8	ND<1.0
	12/12/05	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1.0	ND<1.0
	03/03/06	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1.0	ND<1.0
MW-4D	01/17/05	ND<50	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0
	05/04/05	ND<50	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0
	08/12/05	ND<50	410	ND<0.5	2.20	10.0	25.5	ND<1.0
	12/12/05	ND<50	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<1.0
	03/03/06	ND<50	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<1.0
MW-5S	01/17/05	ND<50	ND<50	ND<0.50	4.5	ND<0.50	ND<0.50	ND<1.0
	05/04/05	ND<50	ND<50	ND<0.50	ND<0.5	ND<0.50	ND<0.50	ND<1.0
	08/11/05	ND<50	ND<50	ND<0.50	ND<0.5	ND<0.50	ND<0.50	6
	12/12/05	ND<50	ND<50	3.4	1.3	ND<0.50	ND<1.0	ND<1.0
	03/03/06	ND<50	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<1.0
MW-5D	01/17/05	ND<50	210	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0
	05/04/05	ND<50	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	10
	08/11/05	ND<50	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	6
	12/12/05	ND<50	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<1.0
	03/03/06	ND<50	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	5
MW-6S	01/17/05	2800	1600	6.1	ND<0.50	3.6	2.3	160
	05/04/05	ND<50	750	ND<0.5	ND<0.5	3.0	ND<0.5	160
	08/12/05	1300	1100	ND<0.50	ND<0.50	ND<0.50	ND<0.50	410
	12/12/05	ND<50	1000	ND<0.50	ND<0.50	1.4	ND<1.0	190
	03/03/06	ND<50	940	ND<0.50	ND<0.50	4.9	ND<1.0	60
MW-6D	01/17/05	2100	1200	10	ND<0.50	1.6	2.2	180
	05/04/05	ND<50	360	2	ND<0.5	ND<0.5	ND<0.5	360
	08/12/05	ND<50	480	2	ND<0.5	ND<0.5	ND<0.5	270
	12/12/05	ND<50	240	ND<0.50	ND<0.5	ND<0.5	ND<1.0	92
	03/03/06	ND<50	310	ND<0.50	ND<0.5	ND<0.5	ND<1.0	93
MW-7S	01/17/05	ND<50	12000	10	89	590	1670	ND<1.0
	05/04/05	520	1600	ND<0.5	ND<0.5	31	18.4	1600
	08/12/05	ND<50	660	ND<0.5	ND<0.5	5.5	ND<0.5	ND<1.0
	12/12/05	ND<50	610	ND<0.5	ND<0.5	ND<0.5	ND<1.0	ND<1.0
	03/03/06	ND<50	630	1.1	9.0	31.0	78	ND<1.0
MW-7D	01/17/05	ND<50	23000	350	1000	1800	5200	ND<1.0
	05/04/05	NS						
	08/12/05	37	83000	550	2200	4400	10600	ND<50
	12/12/05	150000	1300000	640	3100	21000	54800	ND<50
	03/03/06	45000	71000	420	2400	4400	11300	ND<1.0
MW-8	01/17/05	ND<50	120	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0
	05/04/05	ND<50	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0
	08/12/05	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<1.0
	12/12/05	830	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1.0	ND<1.0
	03/03/06	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1.0	ND<1.0

Concentrations reported in micrograms per Liter (ug/L)

MTBE = Methyl-tert-Butyl Ether

ND = Not Detected at or above corresponding reporting limit

NS = Not Sampled

TPHd = Total Petroleum Hydrocarbons as Diesel

TPHd = Total Petroleum Hydrocarbons as Gasoline

NM: Not Measured

APPENDIX A

SAMPLING DATA SHEETS

TAIT Environmental Management, Inc

Groundwater Sampling Data Sheet

13,32

Page __ of __

Project Name: Mission Valley Rock	**Date:** 3-3-06
Project No.: 6m5009	**Prepared By:** SR
Well Identification: MW-2M	**Weather:** ~~Rainy~~ Showers **Screen:** —
Measurement Point Description: TOC North	**Pump Intake:** 17'

Depth to LNAPL (ft-bmp)	Depth to Static Water Level (ft-bmp)	Well Total Depth (ft-bmp)	Water Column Height (ft)	LNAPL Thickness (ft-bmp)	One (1) Casing Volume (gallons)	Three (3) Casing Volumes (gallons)	Above Screen Volume	Screen Volume
N/D	2.10	18.76	16.66	N/D	2.66	7.99	—	—

Well Diameter (in)				Gallons/Foot			
				0.75	2	4	6
0.75	(2)	4	6	0.02	0.16	0.65	1.47

Field Equipment: Solinst

Purge Method: WATERA Pump

Well Condition: OK (Soft Bottom)

Time	Casing / Screen	Volume Purged (gallons)	Flow Rate (gpm)	Water Level (ft-bmp)	Ph	Temperature (°C)	Turbidity (NTU)	Conductivity (S/m)	Dissolved Oxygen (mg/L)	ORP (mV)	Observations
11:32	1.0	2.5	.35	2.90	7.6	13.9	210	0.9	8.57	-119	Cloudy
11:40	2.0	5.0	.31	3.58	6.9	16.1	78	.27	8.86	-114	Clear
11:47	3.0	7.5	.35	3.90	6.8	17.3	160	.27	3.79	-118	Cloudy

Purge Start Time	Purge End Time	Average Flow (gpm)	Total Gallons Purged	Total Casing Volumes Purged	80% Recovery Water Level Depth	Water Level at Sampling Time (ft-bmp)	Sample Collection Time	Sample Identification
11:25	11:47	.34	7.5	3.0	5.44	2.30	11:55	

Notes:

ft-bmp = feet below measuring point

TAIT Environmental Management, Inc

Groundwater Sampling Data Sheet

4.04

Project Name: Mission Valley Rock	**Date:** 3/2/06
Project No.: EM5009	**Prepared By:** SR
Well Identification: MW-45	**Weather:** Sunny **Screen:** –
Measurement Point Description: TOC North	**Pump Intake:** 6"

Depth to LNAPL (ft-bmp)	Depth to Static Water Level (ft-bmp)	Well Total Depth (ft-bmp)	Water Column Height (ft)	LNAPL Thickness (ft-bmp)	One (1) Casing Volume (gallons)	Three (3) Casing Volumes (gallons)	Above Screen Volume	Screen Volume
N/D	3.10	8.15	5.05	N/D	.80	2.42	–	–

Well Diameter (in)				Gallons/Foot			
				0.75	2	4	6
0.75	(2)	4	6	0.02	0.16	0.65	1.47

Field Equipment: Solinst

Purge Method: WALtera Pump

Well Condition: OK (Hard Bottom)

Time	(Casing) / Screen	Volume Purged (gallons)	Flow Rate (gpm)	Water Level (ft-bmp)	Ph	Temperature (°C)	Turbidity (NTU)	Conductivity (s/m)	Dissolved Oxygen (mg/L)	ORP (mV)	Observations
12:42	1.0	1.0	.2	3.28	7.2	14.5	550	1.1	5.10	-152	GREY
12:48	2.0	2.0	.2	3.32	7.1	15.3	690	1.1	4.17	-113	GREY
12:53	3.0	3.0	.2	3.38	7.1	14.6	710	1.1	4.88	-110	GREY

Purge Start Time	Purge End Time	Average Flow (gpm)	Total Gallons Purged	Total Casing Volumes Purged	80% Recovery Water Level Depth	Water Level at Sampling Time (ft-bmp)	Sample Collection Time	Sample Identification
12:37	12:53	.18	3.0	3.0	4.11	3.20	12:58	

Notes:

ft-bmp = feet below measuring point

TAIT Environmental Management, Inc

Groundwater Sampling Data Sheet

Project Name: Mission Valley Rock	**Date:** 3-2-06
Project No.: Em5009	**Prepared By:** SR
Well Identification: MW-4D	**Weather:** Sunny **Screen:** -
Measurement Point Description: TOC North	**Pump Intake:** [illegible]" 18"

Depth to LNAPL (ft-bmp)	Depth to Static Water Level (ft-bmp)	Well Total Depth (ft-bmp)	Water Column Height (ft)	LNAPL Thickness (ft-bmp)	One (1) Casing Volume (gallons)	Three (3) Casing Volumes (gallons)	Above Screen Volume	Screen Volume
N/D	3.63	23.19	19.56	N/D	3.12	9.38	-	-

Well Diameter (in)				Gallons/Foot			
				0.75	2	4	6
0.75	(2)	4	6	0.02	0.16	0.65	1.47

Field Equipment: Solinst

Purge Method: WALtera Pump

Well Condition: OK (Hard Bottom)

Time	Casing/Screen	Volume Purged (gallons)	Flow Rate (gpm)	Water Level (ft-bmp)	Ph	Temperature (°C)	Turbidity (NTU)	Conductivity (s/m)	Dissolved Oxygen (mg/L)	ORP (mV)	Observations
12:13	1.0	3.0	.3	3.98	7.2	18.6	100	.76	6.88	-120	Cloudy
12:22	2.0	6.0	.3	4.04	7.0	18.9	14	.75	4.06	-124	Clear
12:29	3.0	9.0	.4	4.02	6.9	18.7	11	.74	2.25	-122	Clear

Purge Start Time	Purge End Time	Average Flow (gpm)	Total Gallons Purged	Total Casing Volumes Purged	80% Recovery Water Level Depth	Water Level at Sampling Time (ft-bmp)	Sample Collection Time	Sample Identification
12:03	12:29	.3	9.0	3.0	7.55	3.69	12:35	

Notes:

15.64

ft-bmp = feet below measuring point

TAIT Environmental Management, Inc

Groundwater Sampling Data Sheet

Project Name: Mission Valley Rock	**Date:** 3/3/06
Project No.: EM5009	**Prepared By:** SR
Well Identification: MW-6D	**Weather:** Cloudy **Screen:** —
Measurement Point Description: TOC North	**Pump Intake:** 27'

Depth to LNAPL (ft-bmp)	Depth to Static Water Level (ft-bmp)	Well Total Depth (ft-bmp)	Water Column Height (ft)	LNAPL Thickness (ft-bmp)	One (1) Casing Volume (gallons)	Three (3) Casing Volumes (gallons)	Above Screen Volume	Screen Volume
N/D	2.70	28.95	26.25	N/D	4.2	12.6	—	—

Well Diameter (in)				Gallons/Foot			
				0.75	2	4	6
0.75	(2)	4	6	0.02	0.16	0.65	1.47

Field Equipment: Solinst

Purge Method: WALTERA Pump

Well Condition: (OK SOFT Bottom)

Time	Casing / Screen	Volume Purged (gallons)	Flow Rate (gpm)	Water Level (ft-bmp)	Ph	Temperature (°C)	Turbidity (NTU)	Conductivity (S/m)	Dissolved Oxygen (mg/L)	ORP (mV)	Observations
09:56	1.0	4.0	.66	4.11	7.2	15.3	5	.20	4.23	-134	Clear
10:02	2.0	8.0	.66	4.43	7.1	16.7	710	.20	1.41	-124	GREY
10:08	3.0	12.0	.66	4.41	7.0	17.3	570	.19	2.30	-121	" "

Purge Start Time	Purge End Time	Average Flow (gpm)	Total Gallons Purged	Total Casing Volumes Purged	80% Recovery Water Level Depth	Water Level at Sampling Time (ft-bmp)	Sample Collection Time	Sample Identification
09:50	10:08	.66	12.0	3.0	7.93	2.97	10:15	

Notes:

21.02

ft-bmp = feet below measuring point

TAIT Environmental Management, Inc

Groundwater Sampling Data Sheet

Project Name: Mission Valley Rock	**Date:** 3/2/06
Project No.: Em5009	**Prepared By:** SR
Well Identification: MW-55	**Weather:** Sunny **Screen:** —
Measurement Point Description: TOC North	**Pump Intake:** 7"

Depth to LNAPL (ft-bmp)	Depth to Static Water Level (ft-bmp)	Well Total Depth (ft-bmp)	Water Column Height (ft)	LNAPL Thickness (ft-bmp)	One (1) Casing Volume (gallons)	Three (3) Casing Volumes (gallons)	Above Screen Volume	Screen Volume
N/D	1.42	8.01	6.59	N/D	1.05	3.16	—	—

Well Diameter (in)				Gallons/Foot			
				0.75	(2)	4	6
0.75	(2)	4	6	0.02	(0.16)	0.65	1.47

Field Equipment: Solinst

Purge Method: WALtera Pump

Well Condition: OK (Hard Bottom)

Time	(Casing) / Screen	Volume Purged (gallons)	Flow Rate (gpm)	Water Level (ft-bmp)	Ph	Temperature (°C)	Turbidity (NTU)	Conductivity (s/m)	Dissolved Oxygen (mg/L)	ORP (mV)	Observations
14:56	1.0	1.0	.25	1.90	7.3	13.0	990	.26	7.97	-113	GREY
15:00	2.0	2.0	.25	2.00	7.2	13.0	930	.24	6.65	-65	" "
15:03	3.0	3.0	.33	2.05	7.1	13.0	890	.25	5.52	-51	" "

Purge Start Time	Purge End Time	Average Flow (gpm)	Total Gallons Purged	Total Casing Volumes Purged	80% Recovery Water Level Depth	Water Level at Sampling Time (ft-bmp)	Sample Collection Time	Sample Identification
14:52	15:03	.27	3.0	3.0	2.74	1.52	15:10	

Notes:

5.27

ft-bmp = feet below measuring point

TAIT Environmental Management, Inc

Groundwater Sampling Data Sheet

Project Name:	Mission Valley Rock	**Date:**	3/3/06
Project No.:	Em5009	**Prepared By:**	SA
Well Identification:	MW-6S	**Weather:**	Cloudy **Screen:** —
Measurement Point Description:	TOC NORTH	**Pump Intake:**	13"

Depth to LNAPL (ft-bmp)	Depth to Static Water Level (ft-bmp)	Well Total Depth (ft-bmp)	Water Column Height (ft)	LNAPL Thickness (ft-bmp)	One (1) Casing Volume (gallons)	Three (3) Casing Volumes (gallons)	Above Screen Volume	Screen Volume
—	1.95	14.79	12.84	—	2.05	6.16	—	—

Well Diameter (in)				Gallons/Foot			
				0.75	(2)	4	6
0.75	(2)	4	6	0.02	0.16	0.65	1.47

Field Equipment: Solinst

Purge Method: WALTERA Pump

Well Condition: OK (SOFT Bottom)

Time	(Casing) / Screen	Volume Purged (gallons)	Flow Rate (gpm)	Water Level (ft-bmp)	Ph	Temperature (°C)	Turbidity (NTU)	Conductivity (s/m)	Dissolved Oxygen (mg/L)	ORP (mV)	Observations
10:23	1.0	2.0	.4	3.35	7.2	15.2	320	.33	8.99	-110	GREY
10:28	2.0	4.0	.4	3.45	6.8	15.6	350	.33	2.50	-119	" "
10:34	3.0	6.0	.3	3.46	6.8	15.7	330	.33	1.17	-119	" "

Purge Start Time	Purge End Time	Average Flow (gpm)	Total Gallons Purged	Total Casing Volumes Purged	80% Recovery Water Level Depth	Water Level at Sampling Time (ft-bmp)	Sample Collection Time	Sample Identification
10:18	10:34	.37	6.0	3.0	4.52	2.00	10:40	

Notes:

10.27

ft-bmp = feet below measuring point

TAIT Environmental Management, Inc

Groundwater Sampling Data Sheet

Project Name: Mission Valley Rock	**Date:** 3-2-06
Project No.: Em 5009	**Prepared By:** SR
Well Identification: MW-8	**Weather:** Clear **Screen:** N/A
Measurement Point Description: TOC North	**Pump Intake:** 10"

Depth to LNAPL (ft-bmp)	Depth to Static Water Level (ft-bmp)	Well Total Depth (ft-bmp)	Water Column Height (ft)	LNAPL Thickness (ft-bmp)	One (1) Casing Volume (gallons)	Three (3) Casing Volumes (gallons)	Above Screen Volume	Screen Volume
N/D	0.78	15.10	14.32	N/D	2.29	6.87	-	-

Well Diameter (in)				Gallons/Foot			
				0.75	2	4	6
0.75	(2)	4	6	0.02	0.16	0.65	1.47

Field Equipment: Solinst

Purge Method: WALtera Pump

Well Condition: OK (Hard Bottom)

Time	Casing / Screen	Volume Purged (gallons)	Flow Rate (gpm)	Water Level (ft-bmp)	Ph	Temperature (°C)	Turbidity (NTU)	Conductivity (s/m)	Dissolved Oxygen (mg/L)	ORP (mV)	Observations
11:36	1.0	2.3	.32	1.00	6.1	16.0	49	.15	8.39	161	Clear
11:42	2.0	4.6	.38	1.01	6.9	15.4	52	.14	9.17	137	Clear
11:48	3.0	6.9	.38	1.02	7.2	16.0	64	.14	7.55	67	Clear

Purge Start Time	Purge End Time	Average Flow (gpm)	Total Gallons Purged	Total Casing Volumes Purged	80% Recovery Water Level Depth	Water Level at Sampling Time (ft-bmp)	Sample Collection Time	Sample Identification
11:29	11:48	.36	6.9	3.0	3.65	.85	11:52	

Notes:

11.45

ft-bmp = feet below measuring point

TAIT Environmental Management, Inc

Groundwater Sampling Data Sheet

Project Name: Mission Valley Rock	**Date:** 3-2-06
Project No.: Em5009	**Prepared By:** SR
Well Identification: MW-5D	**Weather:** Sunny **Screen:** —
Measurement Point Description: TOC North	**Pump Intake:** 20"

Depth to LNAPL (ft-bmp)	Depth to Static Water Level (ft-bmp)	Well Total Depth (ft-bmp)	Water Column Height (ft)	LNAPL Thickness (ft-bmp)	One (1) Casing Volume (gallons)	Three (3) Casing Volumes (gallons)	Above Screen Volume	Screen Volume
n/a	1.98	22.68	20.7	n/a	3.31	9.93	-	-

Well Diameter (in)				Gallons/Foot			
				0.75	2	4	6
0.75	(2)	4	6	0.02	0.16	0.65	1.47

Field Equipment: Solinst

Purge Method: WALTERA Pump

Well Condition: OK (Hard Bottom)

Time	Casing / Screen	Volume Purged (gallons)	Flow Rate (gpm)	Water Level (ft-bmp)	Ph	Temperature (°C)	Turbidity (NTU)	Conductivity (s/m)	Dissolved Oxygen (mg/L)	ORP (mV)	Observations
14:26	1.0	3.0	.5	3.81	7.5	16.4	62	.43	6.53	-163	Clear
14:32	2.0	6.0	.5	3.86	6.9	16.5	32	.47	4.42	-104	" "
14:37	3.0	9.0	.6	3.88	6.9	16.3	23	.48	2.58	-104	" "

Purge Start Time	Purge End Time	Average Flow (gpm)	Total Gallons Purged	Total Casing Volumes Purged	80% Recovery Water Level Depth	Water Level at Sampling Time (ft-bmp)	Sample Collection Time	Sample Identification
14:20	14:37	.53	9.0	3.0	6.12	2.02	14:45	

Notes:

16.56

ft-bmp = feet below measuring point

TAIT Environmental Management, Inc

Groundwater Sampling Data Sheet

Project Name: Mission Valley Rock	**Date:** 3-2-06
Project No.: Em5009	**Prepared By:**
Well Identification: MW-3	**Weather:** Sunny **Screen:** —
Measurement Point Description: TOC North	**Pump Intake:** 12''

Depth to LNAPL (ft-bmp)	Depth to Static Water Level (ft-bmp)	Well Total Depth (ft-bmp)	Water Column Height (ft)	LNAPL Thickness (ft-bmp)	One (1) Casing Volume (gallons)	Three (3) Casing Volumes (gallons)	Above Screen Volume	Screen Volume
n/a	3.42	15.55	12.13	n/a	1.94	5.82	—	—

Well Diameter (in)				Gallons/Foot			
				0.75	2	4	6
0.75	(2)	4	6	0.02	0.16	0.65	1.47

Field Equipment: Solinst

Purge Method: WATERA Pump

Well Condition: OK (SOFT Bottom)

Time	Casing / Screen	Volume Purged (gallons)	Flow Rate (gpm)	Water Level (ft-bmp)	Ph	Temperature (°C)	Turbidity (NTU)	Conductivity (S/m)	Dissolved Oxygen (mg/L)	ORP (mV)	Observations
13:35	1.0	2.0	.4	4.15	7.2	19.2	5	.28	3.04	-119	Clear
13:42	2.0	4.0	.28	4.22	7.0	17.7	760	.25	2.02	-119	GREY
13:50	3.0	6.0	.25	4.42	6.9	17.7	5	.23	7.80	-125	Clear

Purge Start Time	Purge End Time	Average Flow (gpm)	Total Gallons Purged	Total Casing Volumes Purged	80% Recovery Water Level Depth	Water Level at Sampling Time (ft-bmp)	Sample Collection Time	Sample Identification
13:30	13:50	.3	6.0	3.0	5.85	3.60	13:55	

Notes: 9.70

ft-bmp = feet below measuring point

TAIT Environmental Management, Inc

Groundwater Sampling Data Sheet

Project Name: Mission Valley Rock	**Date:** 3-3-06
Project No.: Em 5009	**Prepared By:** SR
Well Identification: MW-1	**Weather:** ~~Sunny~~ Raining **Screen:** —
Measurement Point Description: TOC North	**Pump Intake:** 16"

Depth to LNAPL (ft-bmp)	Depth to Static Water Level (ft-bmp)	Well Total Depth (ft-bmp)	Water Column Height (ft)	LNAPL Thickness (ft-bmp)	One (1) Casing Volume (gallons)	Three (3) Casing Volumes (gallons)	Above Screen Volume	Screen Volume
N/D	0.71	17.55	16.84	N/D	2.69	8.08	—	—

Well Diameter (in)				Gallons/Foot			
				0.75	(2)	4	6
0.75	(2)	4	6	0.02	(0.16)	0.65	1.47

Field Equipment: Solinst

Purge Method: WALTERA Pump

Well Condition: OK (SOFT Bottom)

Time	(Casing) / Screen	Volume Purged (gallons)	Flow Rate (gpm)	Water Level (ft-bmp)	Ph	Temperature (°C)	Turbidity (NTU)	Conductivity (~~mS~~/cm)	Dissolved Oxygen (mg/L)	ORP (mV)	Observations
13:12	1.0	2.5	.25	1.68	7.7	13.3	170	.28	7.62	-77	Cloudy
13:22	2.0	5.0	.25	1.70	7.0	14.7	83	.38	4.64	-90	Clear
13:31	3.0	7.5	.27	1.80	7.0	14.7	53	.42	1.15	-90	" "

Purge Start Time	Purge End Time	Average Flow (gpm)	Total Gallons Purged	Total Casing Volumes Purged	80% Recovery Water Level Depth	Water Level at Sampling Time (ft-bmp)	Sample Collection Time	Sample Identification
13:02	13:31	.26	7.5	3.0	4.08	6.99	13:35	

Notes:

13.47

ft-bmp = feet below measuring point

TAIT Environmental Management, Inc

Groundwater Sampling Data Sheet

Project Name:	**Date:** 3-3-06
Project No.:	**Prepared By:** SR
Well Identification: MW-7D	**Weather:** Cloudy **Screen:** —
Measurement Point Description: TOC NORTH	**Pump Intake:** 14"

Depth to LNAPL (ft-bmp)	Depth to Static Water Level (ft-bmp)	Well Total Depth (ft-bmp)	Water Column Height (ft)	LNAPL Thickness (ft-bmp)	One (1) Casing Volume (gallons)	Three (3) Casing Volumes (gallons)	Above Screen Volume	Screen Volume
ND	5.10	22.57	17.47	N/D	2.79	8.38	—	—

Well Diameter (in)				Gallons/Foot			
				0.75	2	4	6
0.75	(2)	4	6	0.02	0.16	0.65	1.47

Field Equipment: Solinst

Purge Method: WALTER A Pump

Well Condition: OK (SOFT Bottom)

Time	(Casing) / Screen	Volume Purged (gallons)	Flow Rate (gpm)	Water Level (ft-bmp)	Ph	Temperature (°C)	Turbidity (NTU)	Conductivity (S/m)	Dissolved Oxygen (mg/L)	ORP (mV)	Observations
13:50	1.0	3.0	.33	10.15	6.9	16.1	7999	.19	7.81	-103	GREY Gasoline Smell
13:56	2.0	6.0	.5	10.90	6.9	15.8	7999	.17	4.23	-106	" " " "
14:03	3.0	9.0	.43	11:05	6.9	16.0	7999	.15	3.81	-105	" " " "

Purge Start Time	Purge End Time	Average Flow (gpm)	Total Gallons Purged	Total Casing Volumes Purged	80% Recovery Water Level Depth	Water Level at Sampling Time (ft-bmp)	Sample Collection Time	Sample Identification
13:41	14:03	.41	9.0	3.0	8.6	~~14.20~~ 4.95	14:20	

Notes: 13.97

ft-bmp = feet below measuring point

TAIT Environmental Management, Inc

Groundwater Sampling Data Sheet

Project Name:	**Date:** 3-3-06
Project No.:	**Prepared By:**
Well Identification: MW-7S	**Weather:** Cloudy **Screen:** —
Measurement Point Description: TOC North	**Pump Intake:** 6"

Depth to LNAPL (ft-bmp)	Depth to Static Water Level (ft-bmp)	Well Total Depth (ft-bmp)	Water Column Height (ft)	LNAPL Thickness (ft-bmp)	One (1) Casing Volume (gallons)	Three (3) Casing Volumes (gallons)	Above Screen Volume	Screen Volume
—	0.95	8.38	7.43	N/O	1.18	3.56	—	—

Well Diameter (in)				Gallons/Foot			
				0.75	2	4	6
0.75	(2)	4	6	0.02	0.16	0.65	1.47

Field Equipment: Solinst

Purge Method: WALTERA Pump

Well Condition: OK (SOFT Bottom)

Time	(Casing) / Screen	Volume Purged (gallons)	Flow Rate (gpm)	Water Level (ft-bmp)	Ph	Temperature (°C)	Turbidity (NTU)	Conductivity (Sim)	Dissolved Oxygen (mg/L)	ORP (mV)	Observations
14:33	1.0	1.0	.33	1.51	7.0	16.3	83	.24	6.98	-100	Clear
14:36	2.0	2.0	.33	1.60	7.0	16.5	50	.23	5.01	-110	Clear
14:39	3.0	3.0	.33	1.63	7.1	16.1	98	.23	3.33	-98	Clear

Purge Start Time	Purge End Time	Average Flow (gpm)	Total Gallons Purged	Total Casing Volumes Purged	80% Recovery Water Level Depth	Water Level at Sampling Time (ft-bmp)	Sample Collection Time	Sample Identification
14:36	14:39	.33	3.0	3.0	2.44	0.10	14:50	

Notes:

5.94

ft-bmp = feet below measuring point

TAIT Environmental Management, Inc

Groundwater Sampling Data Sheet

Project Name:	Mission Valley Rock	**Date:**	3-3-06
Project No.:	Em5009	**Prepared By:**	SR
Well Identification:	MW-25	**Weather:**	Sunny Cloudy **Screen:** –
Measurement Point Description:	TOC North	**Pump Intake:**	7''

Depth to LNAPL (ft-bmp)	Depth to Static Water Level (ft-bmp)	Well Total Depth (ft-bmp)	Water Column Height (ft)	LNAPL Thickness (ft-bmp)	One (1) Casing Volume (gallons)	Three (3) Casing Volumes (gallons)	Above Screen Volume	Screen Volume
N/D	2.24	8.50	6.26	N/D	1.00	3.00	–	–

Well Diameter (in)				Gallons/Foot			
				0.75	2	4	6
0.75	(2)	4	6	0.02	0.16	0.65	1.47

Field Equipment: Solinst

Purge Method: WALTERA Pump

Well Condition: OK (50FT Bottom)

Time	(Casing) / Screen	Volume Purged (gallons)	Flow Rate (gpm)	Water Level (ft-bmp)	Ph	Temperature (°C)	Turbidity (NTU)	Conductivity (s/m)	Dissolved Oxygen (mg/L)	ORP (mV)	Observations
11:06	1.0	1.0	.16	3.50	7.3	13.8	460	.26	8.17	-102	Cloudy
11:10	2.0	2.0	.25	3.86	7.1	14.8	460	.26	6.36	-108	" "
11:15	3.0	3.0	.2	3.82	6.9	14.8	320	.27	7.87	-113	" "

Purge Start Time	Purge End Time	Average Flow (gpm)	Total Gallons Purged	Total Casing Volumes Purged	80% Recovery Water Level Depth	Water Level at Sampling Time (ft-bmp)	Sample Collection Time	Sample Identification
11:00	11:15	.2	3.0	3.0	3.5	2.45	11:20	

Notes:

5.00

ft-bmp = feet below measuring point

TAIT Environmental Management, Inc

Groundwater Sampling Data Sheet

Project Name: Mission Valley Rock	**Date:** 3-3-06
Project No.: E-5009	**Prepared By:** SR
Well Identification: MW-20	**Weather:** Blustery Raining **Screen:** —
Measurement Point Description: TOC North	**Pump Intake:** 24'

Depth to LNAPL (ft-bmp)	Depth to Static Water Level (ft-bmp)	Well Total Depth (ft-bmp)	Water Column Height (ft)	LNAPL Thickness (ft-bmp)	One (1) Casing Volume (gallons)	Three (3) Casing Volumes (gallons)	Above Screen Volume	Screen Volume
N/D	2.16	29.43	27.27	N/D	4.36	13.08	—	—

Well Diameter (in)				Gallons/Foot			
				0.75	2	4	6
0.75	(2)	4	6	0.02	0.16	0.65	1.47

Field Equipment: Solinst

Purge Method: WALtera Pump

Well Condition: OK (Soft Bottom)

Time	Casing / Screen	Volume Purged (gallons)	Flow Rate (gpm)	Water Level (ft-bmp)	Ph	Temperature (°C)	Turbidity (NTU)	Conductivity (mS/cm)	Dissolved Oxygen (mg/L)	ORP (mV)	Observations
12:20	1.0	4.0	.44	3.45	7.5	14.4	390	.26	7.16	-113	Cloudy
12:30	2.0	8.0	.4	3.50	6.9	15.3	180	.24	1.55	-126	" "
12:41	3.0	12.0	.36	3.55	6.9	15.7	160	.24	3.74	-121	" "

Purge Start Time	Purge End Time	Average Flow (gpm)	Total Gallons Purged	Total Casing Volumes Purged	80% Recovery Water Level Depth	Water Level at Sampling Time (ft-bmp)	Sample Collection Time	Sample Identification
12:11	12:41	.4	12.0	3.0	7.62	2.18	12:50	

Notes:

21.81

ft-bmp = feet below measuring point

APPENDIX B

CERTIFICATE OF DISPOSAL

IWM

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 Co.	Facility Name:	Mission Valley Rock
Address:	7999 Athenour Way	Address:	7999 Athenour Way
	Sunol, CA 94586		Sunol, CA
Contact:	Mort Calvert	Facility Contact:	Paul McCarter, Tait Environmental
Phone:	925-862-2257	Phone:	714-560-8612

IWM Job #:	95875-DW
Description of Waste:	2 Drums of Non-Hazardous Water
Removal Date:	03/23/06
Ticket #:	SP230306-MISC

Transporter Information

Name:	IWM, Inc.
Address:	1945 Concourse Drive
	San Jose, CA 95131
Phone:	(408) 433-1990

Disposal Facility Information

Name:	Seaport Refining & Environmental
Address:	675 Seaport Blvd
	Redwood City, CA 94063
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.

William T. DeLon William T. DeLon
Authorized Representative (Print Name and Signature)

03/23/06
Date

APPENDIX C

LABORATORY REPORT

09 March 2006

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

RE: Mission Valley Rock

Enclosed are the results of analyses for samples received by the laboratory on 03/06/06 15:10. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Jennifer Stack
Project Manager

Tait Environmental	Project: Mission Valley Rock	
701 N. Parkcenter Drive	Project Number: EM5009	**Reported:**
Santa Ana CA, 92705	Project Manager: Paul McCarter	03/09/06 15:47

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW-2M	T600246-01	Water	03/03/06 11:55	03/06/06 15:10
MW-4S	T600246-02	Water	03/02/06 12:58	03/06/06 15:10
MW-4D	T600246-03	Water	03/02/06 12:35	03/06/06 15:10
MW-6D	T600246-04	Water	03/02/06 10:15	03/06/06 15:10
MW-5S	T600246-05	Water	03/03/06 15:10	03/06/06 15:10
MW-6S	T600246-06	Water	03/03/06 10:40	03/06/06 15:10
MW-8	T600246-07	Water	03/02/06 11:52	03/06/06 15:10
MW-5D	T600246-08	Water	03/02/06 14:45	03/06/06 15:10
MW-3	T600246-09	Water	03/02/06 13:55	03/06/06 15:10
MW-1	T600246-10	Water	03/03/06 13:35	03/06/06 15:10
MW-2D	T600246-11	Water	03/03/06 12:50	03/06/06 15:10
MW-2S	T600246-12	Water	03/03/06 11:20	03/06/06 15:10
MW-7D	T600246-13	Water	03/03/06 14:20	03/06/06 15:10
MW-7S	T600246-14	Water	03/03/06 14:50	03/06/06 15:10

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.

Jennifer Stack, Project Manager

Tait Environmental	Project: Mission Valley Rock	
701 N. Parkcenter Drive	Project Number: EM5009	**Reported:**
Santa Ana CA, 92705	Project Manager: Paul McCarter	03/09/06 15:47

MW-2M
T600246-01 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Purgeable Petroleum Hydrocarbons by EPA 8015m									
C6-C12 (GRO)	**290**	50	ug/l	1	6030711	03/07/06	03/08/06	EPA 8015m	
Surrogate: 4-Bromofluorobenzene		*80.8 %*	*65-135*		"	"	"	"	
Extractable Petroleum Hydrocarbons by 8015									
Diesel Range Hydrocarbons	ND	0.050	mg/l	1	6030608	03/06/06	03/09/06	EPA 8015m	
Volatile Organic Compounds by EPA Method 8260B									
Benzene	ND	0.50	ug/l	1	6030712	03/07/06	03/07/06	EPA 8260B	
Toluene	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	**0.54**	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	"	"	"	"	"	"	
Methyl tert-butyl ether	**17**	1.0	"	"	"	"	"	"	
Surrogate: Toluene-d8		*110 %*	*87.6-115*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*102 %*	*80-112*		"	"	"	"	
Surrogate: Dibromofluoromethane		*115 %*	*78.6-122*		"	"	"	"	

Tait Environmental	Project: Mission Valley Rock	
701 N. Parkcenter Drive	Project Number: EM5009	**Reported:**
Santa Ana CA, 92705	Project Manager: Paul McCarter	03/09/06 15:47

MW-4S
T600246-02 (Water)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Purgeable Petroleum Hydrocarbons by EPA 8015m									
C6-C12 (GRO)	ND	50	ug/l	1	6030711	03/07/06	03/08/06	EPA 8015m	
Surrogate: 4-Bromofluorobenzene		*85.2 %*	*65-135*		"	"	"	"	
Extractable Petroleum Hydrocarbons by 8015									
Diesel Range Hydrocarbons	ND	0.050	mg/l	1	6030608	03/06/06	03/09/06	EPA 8015m	
Volatile Organic Compounds by EPA Method 8260B									
Benzene	ND	0.50	ug/l	1	6030712	03/07/06	03/07/06	EPA 8260B	
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	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	1.0	"	"	"	"	"	"	
Surrogate: Toluene-d8		*108 %*	*87.6-115*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*91.5 %*	*80-112*		"	"	"	"	
Surrogate: Dibromofluoromethane		*116 %*	*78.6-122*		"	"	"	"	

Tait Environmental	Project: Mission Valley Rock	
701 N. Parkcenter Drive	Project Number: EM5009	**Reported:**
Santa Ana CA, 92705	Project Manager: Paul McCarter	03/09/06 15:47

MW-4D
T600246-03 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Purgeable Petroleum Hydrocarbons by EPA 8015m									
C6-C12 (GRO)	ND	50	ug/l	1	6030711	03/07/06	03/08/06	EPA 8015m	
Surrogate: 4-Bromofluorobenzene		*84.4 %*	*65-135*		"	"	"	"	
Extractable Petroleum Hydrocarbons by 8015									
Diesel Range Hydrocarbons	ND	0.050	mg/l	1	6030608	03/06/06	03/09/06	EPA 8015m	
Volatile Organic Compounds by EPA Method 8260B									
Benzene	ND	0.50	ug/l	1	6030712	03/07/06	03/07/06	EPA 8260B	
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	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	1.0	"	"	"	"	"	"	
Surrogate: Toluene-d8		*108 %*	*87.6-115*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*98.2 %*	*80-112*		"	"	"	"	
Surrogate: Dibromofluoromethane		*120 %*	*78.6-122*		"	"	"	"	

Tait Environmental	Project: Mission Valley Rock	
701 N. Parkcenter Drive	Project Number: EM5009	**Reported:**
Santa Ana CA, 92705	Project Manager: Paul McCarter	03/09/06 15:47

MW-6D
T600246-04 (Water)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Purgeable Petroleum Hydrocarbons by EPA 8015m									
C6-C12 (GRO)	**310**	50	ug/l	1	6030711	03/07/06	03/08/06	EPA 8015m	
Surrogate: 4-Bromofluorobenzene		*80.4 %*	*65-135*		"	"	"	"	
Extractable Petroleum Hydrocarbons by 8015									
Diesel Range Hydrocarbons	ND	0.050	mg/l	1	6030608	03/06/06	03/09/06	EPA 8015m	
Volatile Organic Compounds by EPA Method 8260B									
Benzene	ND	0.50	ug/l	1	6030712	03/07/06	03/07/06	EPA 8260B	
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	"	"	"	"	"	"	
Methyl tert-butyl ether	**93**	1.0	"	"	"	"	"	"	
Surrogate: Toluene-d8		*106 %*	*87.6-115*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*102 %*	*80-112*		"	"	"	"	
Surrogate: Dibromofluoromethane		*111 %*	*78.6-122*		"	"	"	"	

SunStar Laboratories, Inc.

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Jennifer Stack, Project Manager

Tait Environmental	Project: Mission Valley Rock	
701 N. Parkcenter Drive	Project Number: EM5009	**Reported:**
Santa Ana CA, 92705	Project Manager: Paul McCarter	03/09/06 15:47

MW-5S
T600246-05 (Water)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Purgeable Petroleum Hydrocarbons by EPA 8015m									
C6-C12 (GRO)	ND	50	ug/l	1	6030711	03/07/06	03/08/06	EPA 8015m	
Surrogate: 4-Bromofluorobenzene		*81.0 %*	*65-135*		"	"	"	"	
Extractable Petroleum Hydrocarbons by 8015									
Diesel Range Hydrocarbons	ND	0.050	mg/l	1	6030608	03/06/06	03/09/06	EPA 8015m	
Volatile Organic Compounds by EPA Method 8260B									
Benzene	ND	0.50	ug/l	1	6030712	03/07/06	03/07/06	EPA 8260B	
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	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	1.0	"	"	"	"	"	"	
Surrogate: Toluene-d8		*109 %*	*87.6-115*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*93.2 %*	*80-112*		"	"	"	"	
Surrogate: Dibromofluoromethane		*115 %*	*78.6-122*		"	"	"	"	

Tait Environmental	Project: Mission Valley Rock	
701 N. Parkcenter Drive	Project Number: EM5009	**Reported:**
Santa Ana CA, 92705	Project Manager: Paul McCarter	03/09/06 15:47

MW-6S
T600246-06 (Water)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Purgeable Petroleum Hydrocarbons by EPA 8015m									
C6-C12 (GRO)	**940**	50	ug/l	1	6030711	03/07/06	03/08/06	EPA 8015m	
Surrogate: 4-Bromofluorobenzene		*81.8 %*	*65-135*		"	"	"	"	
Extractable Petroleum Hydrocarbons by 8015									
Diesel Range Hydrocarbons	ND	0.050	mg/l	1	6030608	03/06/06	03/09/06	EPA 8015m	
Volatile Organic Compounds by EPA Method 8260B									
Benzene	ND	0.50	ug/l	1	6030712	03/07/06	03/07/06	EPA 8260B	
Toluene	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	**4.9**	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	"	"	"	"	"	"	
Methyl tert-butyl ether	**60**	1.0	"	"	"	"	"	"	
Surrogate: Toluene-d8		*104 %*	*87.6-115*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*112 %*	*80-112*		"	"	"	"	
Surrogate: Dibromofluoromethane		*118 %*	*78.6-122*		"	"	"	"	

SunStar Laboratories, Inc.

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Jennifer Stack, Project Manager

Tait Environmental	Project: Mission Valley Rock	
701 N. Parkcenter Drive	Project Number: EM5009	**Reported:**
Santa Ana CA, 92705	Project Manager: Paul McCarter	03/09/06 15:47

MW-8
T600246-07 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Purgeable Petroleum Hydrocarbons by EPA 8015m									
C6-C12 (GRO)	ND	50	ug/l	1	6030711	03/07/06	03/08/06	EPA 8015m	
Surrogate: 4-Bromofluorobenzene		*86.6 %*	*65-135*		"	"	"	"	
Extractable Petroleum Hydrocarbons by 8015									
Diesel Range Hydrocarbons	ND	0.050	mg/l	1	6030608	03/06/06	03/09/06	EPA 8015m	
Volatile Organic Compounds by EPA Method 8260B									
Benzene	ND	0.50	ug/l	1	6030712	03/07/06	03/07/06	EPA 8260B	
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	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	1.0	"	"	"	"	"	"	
Surrogate: Toluene-d8		*111 %*	*87.6-115*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*102 %*	*80-112*		"	"	"	"	
Surrogate: Dibromofluoromethane		*121 %*	*78.6-122*		"	"	"	"	

Tait Environmental	Project: Mission Valley Rock	
701 N. Parkcenter Drive	Project Number: EM5009	**Reported:**
Santa Ana CA, 92705	Project Manager: Paul McCarter	03/09/06 15:47

MW-5D
T600246-08 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Purgeable Petroleum Hydrocarbons by EPA 8015m									
C6-C12 (GRO)	ND	50	ug/l	1	6030711	03/07/06	03/08/06	EPA 8015m	
Surrogate: 4-Bromofluorobenzene		*85.2 %*	*65-135*		"	"	"	"	
Extractable Petroleum Hydrocarbons by 8015									
Diesel Range Hydrocarbons	ND	0.050	mg/l	1	6030608	03/06/06	03/09/06	EPA 8015m	
Volatile Organic Compounds by EPA Method 8260B									
Benzene	ND	0.50	ug/l	1	6030712	03/07/06	03/07/06	EPA 8260B	
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	"	"	"	"	"	"	
Methyl tert-butyl ether	**4.7**	1.0	"	"	"	"	"	"	
Surrogate: Toluene-d8		*109 %*	*87.6-115*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*97.2 %*	*80-112*		"	"	"	"	
Surrogate: Dibromofluoromethane		*116 %*	*78.6-122*		"	"	"	"	

SunStar Laboratories, Inc.

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Jennifer Stack, Project Manager

Tait Environmental	Project: Mission Valley Rock	
701 N. Parkcenter Drive	Project Number: EM5009	**Reported:**
Santa Ana CA, 92705	Project Manager: Paul McCarter	03/09/06 15:47

MW-3
T600246-09 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Purgeable Petroleum Hydrocarbons by EPA 8015m									
C6-C12 (GRO)	ND	50	ug/l	1	6030711	03/07/06	03/08/06	EPA 8015m	
Surrogate: 4-Bromofluorobenzene		*86.6 %*	*65-135*		"	"	"	"	
Extractable Petroleum Hydrocarbons by 8015									
Diesel Range Hydrocarbons	ND	0.050	mg/l	1	6030608	03/06/06	03/09/06	EPA 8015m	
Volatile Organic Compounds by EPA Method 8260B									
Benzene	ND	0.50	ug/l	1	6030712	03/07/06	03/07/06	EPA 8260B	
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	"	"	"	"	"	"	
Methyl tert-butyl ether	**140**	1.0	"	"	"	"	"	"	
Surrogate: Toluene-d8		*106 %*	*87.6-115*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*96.5 %*	*80-112*		"	"	"	"	
Surrogate: Dibromofluoromethane		*118 %*	*78.6-122*		"	"	"	"	

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.

Jennifer Stack, Project Manager

Tait Environmental	Project: Mission Valley Rock	
701 N. Parkcenter Drive	Project Number: EM5009	**Reported:**
Santa Ana CA, 92705	Project Manager: Paul McCarter	03/09/06 15:47

MW-1
T600246-10 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Purgeable Petroleum Hydrocarbons by EPA 8015m									
C6-C12 (GRO)	**310**	50	ug/l	1	6030711	03/07/06	03/08/06	EPA 8015m	
Surrogate: 4-Bromofluorobenzene		*99.2 %*	*65-135*		"	"	"	"	
Extractable Petroleum Hydrocarbons by 8015									
Diesel Range Hydrocarbons	ND	0.050	mg/l	1	6030608	03/06/06	03/09/06	EPA 8015m	
Volatile Organic Compounds by EPA Method 8260B									
Benzene	ND	0.50	ug/l	1	6030712	03/07/06	03/07/06	EPA 8260B	
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	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	1.0	"	"	"	"	"	"	
Surrogate: Toluene-d8		*110 %*	*87.6-115*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*99.2 %*	*80-112*		"	"	"	"	
Surrogate: Dibromofluoromethane		*109 %*	*78.6-122*		"	"	"	"	

Tait Environmental	Project: Mission Valley Rock	
701 N. Parkcenter Drive	Project Number: EM5009	**Reported:**
Santa Ana CA, 92705	Project Manager: Paul McCarter	03/09/06 15:47

MW-2D
T600246-11 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Purgeable Petroleum Hydrocarbons by EPA 8015m									
C6-C12 (GRO)	**140**	50	ug/l	1	6030711	03/07/06	03/08/06	EPA 8015m	
Surrogate: 4-Bromofluorobenzene		*79.0 %*	*65-135*		"	"	"	"	
Extractable Petroleum Hydrocarbons by 8015									
Diesel Range Hydrocarbons	ND	0.050	mg/l	1	6030608	03/06/06	03/09/06	EPA 8015m	
Volatile Organic Compounds by EPA Method 8260B									
Benzene	ND	0.50	ug/l	1	6030712	03/07/06	03/07/06	EPA 8260B	
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	"	"	"	"	"	"	
Methyl tert-butyl ether	**38**	1.0	"	"	"	"	"	"	
Surrogate: Toluene-d8		*109 %*	*87.6-115*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*99.8 %*	*80-112*		"	"	"	"	
Surrogate: Dibromofluoromethane		*113 %*	*78.6-122*		"	"	"	"	

SunStar Laboratories, Inc.

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Jennifer Stack, Project Manager

Tait Environmental	Project: Mission Valley Rock	
701 N. Parkcenter Drive	Project Number: EM5009	**Reported:**
Santa Ana CA, 92705	Project Manager: Paul McCarter	03/09/06 15:47

MW-2S
T600246-12 (Water)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Purgeable Petroleum Hydrocarbons by EPA 8015m									
C6-C12 (GRO)	**160**	50	ug/l	1	6030711	03/07/06	03/08/06	EPA 8015m	
Surrogate: 4-Bromofluorobenzene		*78.6 %*	*65-135*		"	"	"	"	
Extractable Petroleum Hydrocarbons by 8015									
Diesel Range Hydrocarbons	**5.9**	0.050	mg/l	1	6030608	03/06/06	03/09/06	EPA 8015m	
Volatile Organic Compounds by EPA Method 8260B									
Benzene	ND	0.50	ug/l	1	6030712	03/07/06	03/07/06	EPA 8260B	
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	"	"	"	"	"	"	
Methyl tert-butyl ether	**21**	1.0	"	"	"	"	"	"	
Surrogate: Toluene-d8		*107 %*	*87.6-115*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*100 %*	*80-112*		"	"	"	"	
Surrogate: Dibromofluoromethane		*117 %*	*78.6-122*		"	"	"	"	

SunStar Laboratories, Inc.

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Jennifer Stack, Project Manager

Tait Environmental	Project: Mission Valley Rock	
701 N. Parkcenter Drive	Project Number: EM5009	**Reported:**
Santa Ana CA, 92705	Project Manager: Paul McCarter	03/09/06 15:47

MW-7D
T600246-13 (Water)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Purgeable Petroleum Hydrocarbons by EPA 8015m									
C6-C12 (GRO)	**71000**	2500	ug/l	50	6030711	03/07/06	03/08/06	EPA 8015m	
Surrogate: 4-Bromofluorobenzene		*91.4 %*	*65-135*		"	"	"	"	
Extractable Petroleum Hydrocarbons by 8015									
Diesel Range Hydrocarbons	**45**	0.050	mg/l	1	6030608	03/06/06	03/09/06	EPA 8015m	D-02
Volatile Organic Compounds by EPA Method 8260B									
Benzene	**420**	0.50	ug/l	1	6030712	03/07/06	03/07/06	EPA 8260B	
Toluene	**2400**	12	"	25	"	"	03/08/06	"	
Ethylbenzene	**4400**	12	"	"	"	"	"	"	
m,p-Xylene	**9100**	100	"	100	"	"	03/08/06	"	
o-Xylene	**2200**	12	"	25	"	"	03/08/06	"	
Tert-amyl methyl ether	ND	2.0	"	1	"	"	03/07/06	"	
Tert-butyl alcohol	ND	10	"	"	"	"	"	"	
Di-isopropyl ether	ND	2.0	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	2.0	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	1.0	"	"	"	"	"	"	
Surrogate: Toluene-d8		*96.0 %*	*87.6-115*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*93.8 %*	*80-112*		"	"	"	"	
Surrogate: Dibromofluoromethane		*96.8 %*	*78.6-122*		"	"	"	"	

SunStar Laboratories, Inc.

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Jennifer Stack, Project Manager

Tait Environmental	Project: Mission Valley Rock	
701 N. Parkcenter Drive	Project Number: EM5009	**Reported:**
Santa Ana CA, 92705	Project Manager: Paul McCarter	03/09/06 15:47

MW-7S
T600246-14 (Water)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Purgeable Petroleum Hydrocarbons by EPA 8015m									
C6-C12 (GRO)	**630**	50	ug/l	1	6030711	03/07/06	03/08/06	EPA 8015m	
Surrogate: 4-Bromofluorobenzene		*83.0 %*	*65-135*		"	"	"	"	
Extractable Petroleum Hydrocarbons by 8015									
Diesel Range Hydrocarbons	ND	0.050	mg/l	1	6030608	03/06/06	03/09/06	EPA 8015m	
Volatile Organic Compounds by EPA Method 8260B									
Benzene	**1.1**	0.50	ug/l	1	6030712	03/07/06	03/07/06	EPA 8260B	
Toluene	**9.0**	0.50	"	"	"	"	"	"	
Ethylbenzene	**31**	0.50	"	"	"	"	"	"	
m,p-Xylene	**64**	1.0	"	"	"	"	"	"	
o-Xylene	**14**	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	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	1.0	"	"	"	"	"	"	
Surrogate: Toluene-d8		*106 %*	*87.6-115*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*101 %*	*80-112*		"	"	"	"	
Surrogate: Dibromofluoromethane		*118 %*	*78.6-122*		"	"	"	"	

SunStar Laboratories, Inc.

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Jennifer Stack, Project Manager

Purgeable Petroleum Hydrocarbons by EPA 8015m - Quality Control

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 6030711 - EPA 5030 GC										
Blank (6030711-BLK1)				Prepared: 03/07/06 Analyzed: 03/08/06						
Surrogate: 4-Bromofluorobenzene	*44.7*		*ug/l*	*50.0*		*89.4*	*65-135*			
C6-C12 (GRO)	ND	50	"							
LCS (6030711-BS1)				Prepared: 03/07/06 Analyzed: 03/08/06						
Surrogate: 4-Bromofluorobenzene	*45.8*		*ug/l*	*50.0*		*91.6*	*65-135*			
C6-C12 (GRO)	6420	50	"	5500		117	75-125			
Matrix Spike (6030711-MS1)	**Source: T600246-08**			Prepared: 03/07/06 Analyzed: 03/08/06						
Surrogate: 4-Bromofluorobenzene	*43.5*		*ug/l*	*50.0*		*87.0*	*65-135*			
C6-C12 (GRO)	6120	50	"	5500	ND	111	65-135			
Matrix Spike Dup (6030711-MSD1)	**Source: T600246-08**			Prepared: 03/07/06 Analyzed: 03/08/06						
Surrogate: 4-Bromofluorobenzene	*43.5*		*ug/l*	*50.0*		*87.0*	*65-135*			
C6-C12 (GRO)	6590	50	"	5500	ND	120	65-135	7.40	20	

Tait Environmental	Project: Mission Valley Rock	
701 N. Parkcenter Drive	Project Number: EM5009	**Reported:**
Santa Ana CA, 92705	Project Manager: Paul McCarter	03/09/06 15:47

Extractable Petroleum Hydrocarbons by 8015 - Quality Control

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 6030608 - EPA 3510C GC										
Blank (6030608-BLK1)				Prepared: 03/06/06 Analyzed: 03/09/06						
Diesel Range Hydrocarbons	ND	0.050	mg/l							
Matrix Spike (6030608-MS1)	**Source: T600246-01**			Prepared: 03/06/06 Analyzed: 03/09/06						
Diesel Range Hydrocarbons	18.7	0.050	mg/l	20.0	ND	93.5	75-125			
Matrix Spike Dup (6030608-MSD1)	**Source: T600246-01**			Prepared: 03/06/06 Analyzed: 03/09/06						
Diesel Range Hydrocarbons	16.8	0.050	mg/l	20.0	ND	84.0	75-125	10.7	20	

SunStar Laboratories, Inc.

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Jennifer Stack, Project Manager

Volatile Organic Compounds by EPA Method 8260B - Quality Control

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 6030712 - EPA 5030 GCMS										
Blank (6030712-BLK1)				Prepared & Analyzed: 03/07/06						
Surrogate: Toluene-d8	*43.6*		*ug/l*	*40.0*		*109*	*87.6-115*			
Surrogate: 4-Bromofluorobenzene	*38.5*		*"*	*40.0*		*96.2*	*80-112*			
Surrogate: Dibromofluoromethane	*48.0*		*"*	*40.0*		*120*	*78.6-122*			
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	"							
Methyl tert-butyl ether	ND	1.0	"							
LCS (6030712-BS1)				Prepared & Analyzed: 03/07/06						
Surrogate: Toluene-d8	*42.4*		*ug/l*	*40.0*		*106*	*87.6-115*			
Surrogate: 4-Bromofluorobenzene	*42.3*		*"*	*40.0*		*106*	*80-112*			
Surrogate: Dibromofluoromethane	*39.0*		*"*	*40.0*		*97.5*	*78.6-122*			
Benzene	109	0.50	"	100		109	75-125			
Toluene	110	0.50	"	100		110	75-125			
Matrix Spike (6030712-MS1)		**Source: T600246-08**		Prepared & Analyzed: 03/07/06						
Surrogate: Toluene-d8	*42.4*		*ug/l*	*40.0*		*106*	*87.6-115*			
Surrogate: 4-Bromofluorobenzene	*42.0*		*"*	*40.0*		*105*	*80-112*			
Surrogate: Dibromofluoromethane	*39.2*		*"*	*40.0*		*98.0*	*78.6-122*			
Benzene	115	0.50	"	100	ND	115	75-125			
Toluene	114	0.50	"	100	ND	114	75-125			

Volatile Organic Compounds by EPA Method 8260B - Quality Control

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 6030712 - EPA 5030 GCMS										
Matrix Spike Dup (6030712-MSD1)	**Source: T600246-08**			Prepared & Analyzed: 03/07/06						
Surrogate: Toluene-d8	*41.5*		*ug/l*	*40.0*		*104*	*87.6-115*			
Surrogate: 4-Bromofluorobenzene	*41.1*		*"*	*40.0*		*103*	*80-112*			
Surrogate: Dibromofluoromethane	*38.6*		*"*	*40.0*		*96.5*	*78.6-122*			
Benzene	121	0.50	"	100	ND	121	75-125	5.08	20	
Toluene	121	0.50	"	100	ND	121	75-125	5.96	20	

Notes and Definitions

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