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

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

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.

August 3, 2007

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

Prepared by:

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Tait Environmental Management
701 North Parkcenter Drive
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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 two-stage 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.

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 µg/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.

- 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 μg/L:

- EQUIP 1: 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. RO0000207*, 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.

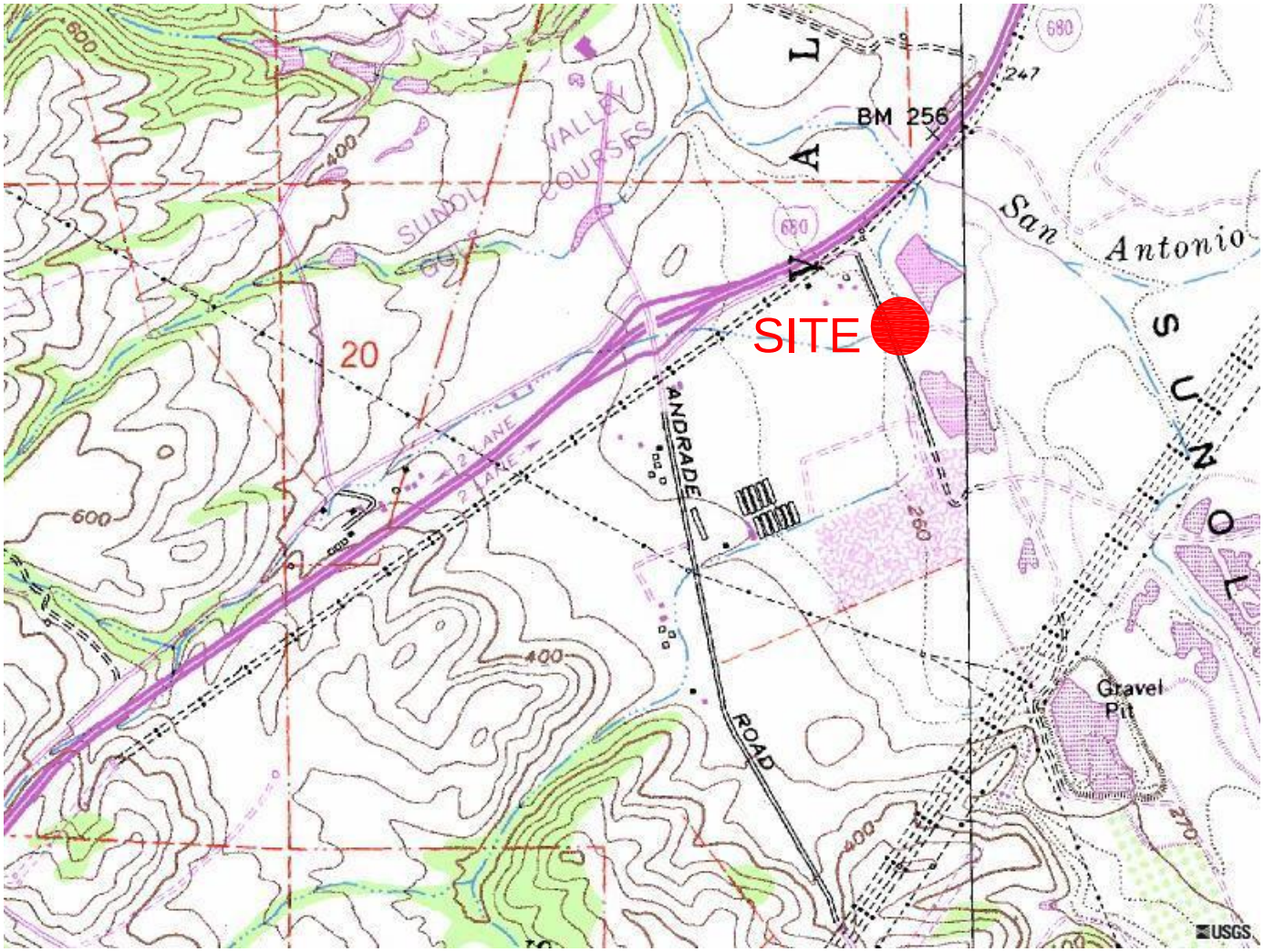
U.S. Geological Survey (USGS), 1989, *Fremont 7.5 Minute Topographic Quadrangle Map*, 1:24,000.

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.

FIGURES



NORTH

0 2000

1" = 2000'

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

NOTES:

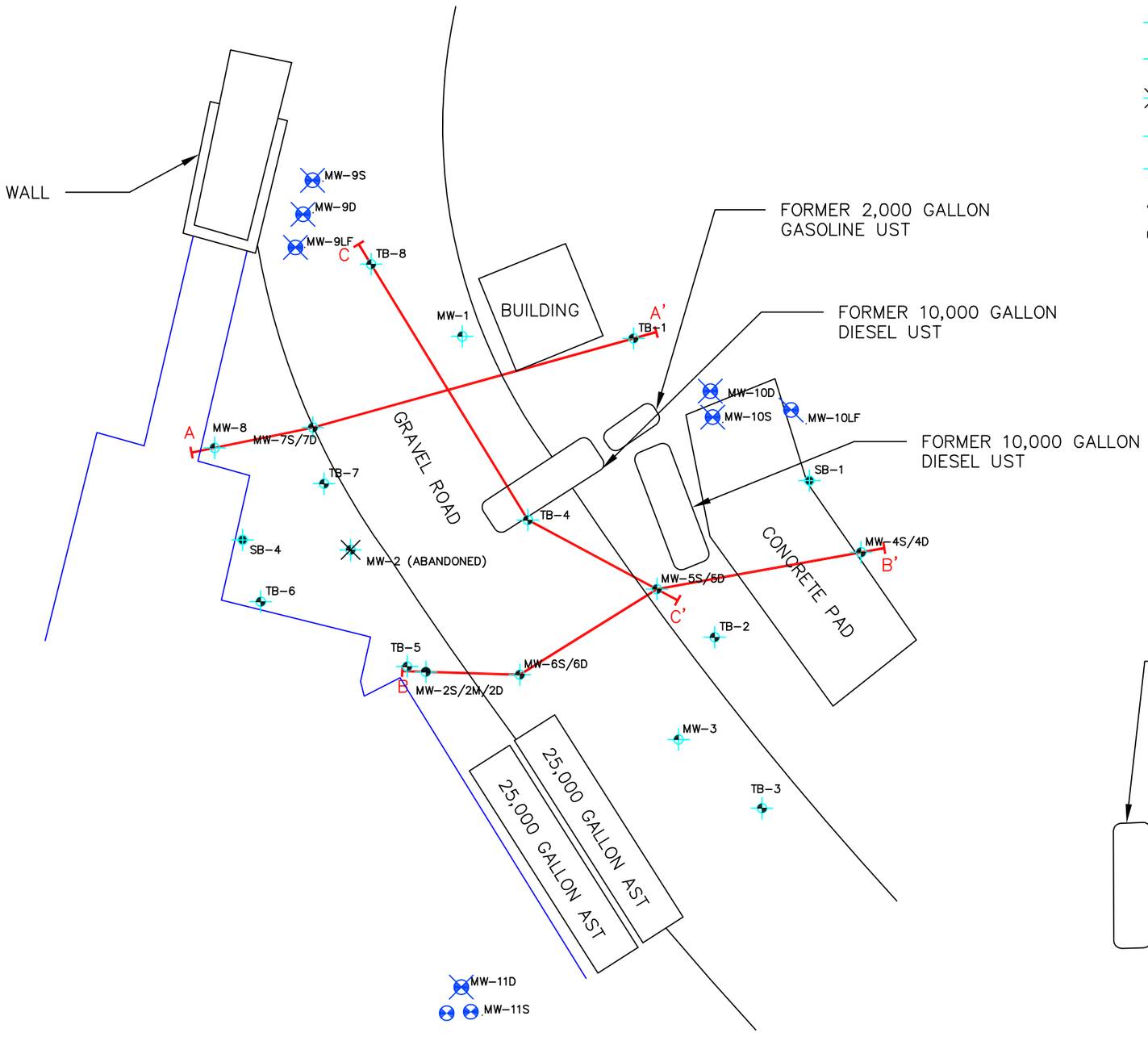
BASE MAP OBTAINED FROM TERRASERVER.COM, UNITED STATES GEOLOGICAL SURVEY (USGS), FREMONT QUADRANGLE, ALAMEDA COUNTY, CALIFORNIA. PRINTED JULY 1, 1989.

SITE VICINITY MAP

MISSION VALLEY ROCK CO.
7999 ATHENOUR WAY
SUNOL, CALIFORNIA

PROJECT NO. EM-5009A

FIGURE 1



MW-9S	New groundwater monitoring well – single completion
MW-1	Existing groundwater monitoring well – single completion
MW-7S/7D	Existing groundwater monitoring well – dual nested
MW-2S/SM/2D	Existing groundwater monitoring well – triple nested
MW-2	Abandoned groundwater monitoring well
TB-1	Grab groundwater sample location
SB-1	Temporary soil boring location
ATS =	Aboveground storage tank
UTS =	Underground storage tank
B B'	Cross Section Locations (Appendix A)

APPROXIMATE LOCATION OF FORMER 10,000 GALLON DIESEL UST/AST (D4)

NORTH

0 30
SCALE (FEET)

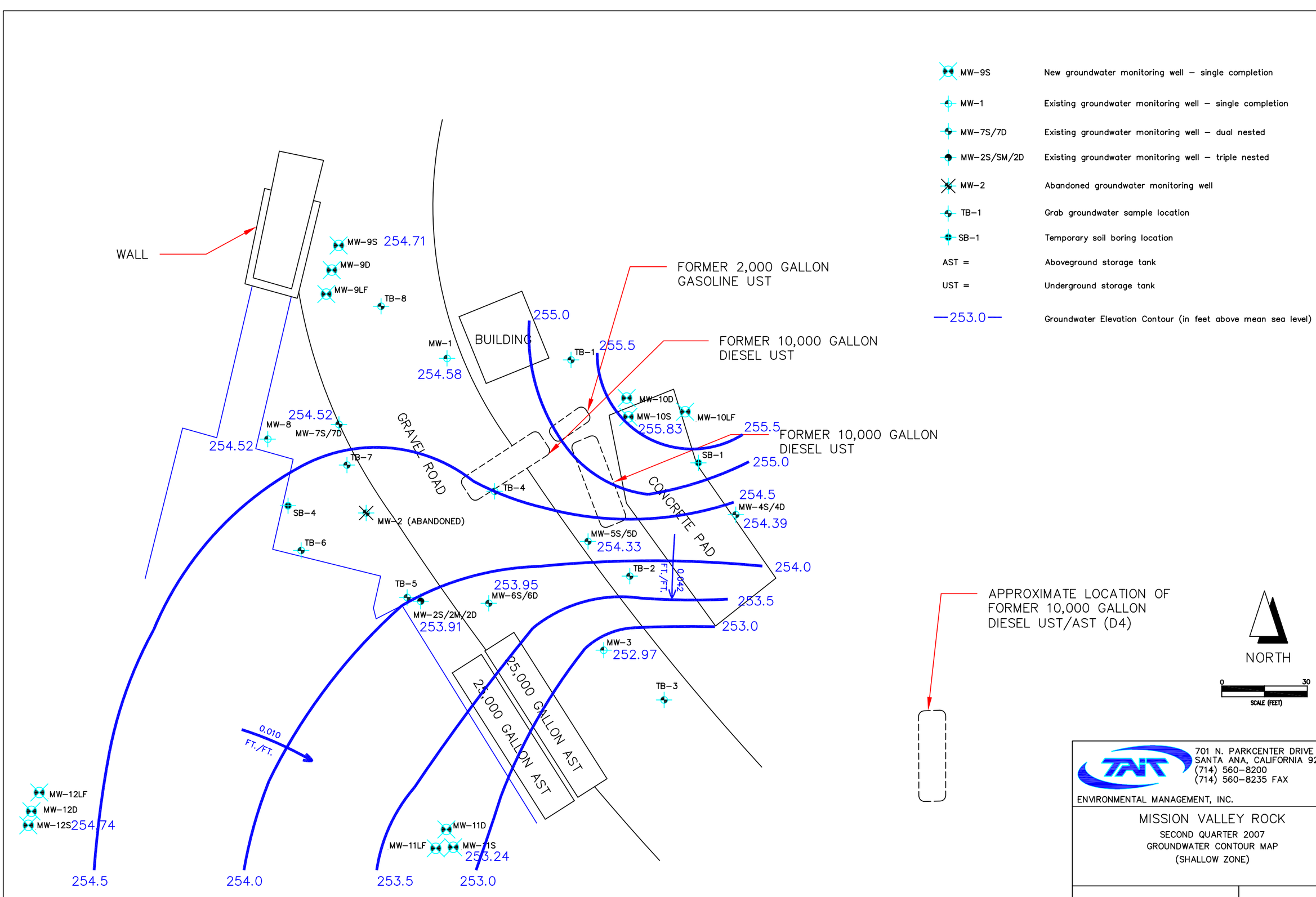
701 N. PARKCENTER DRIVE
SANTA ANA, CALIFORNIA 92705
(714) 560-8200
(714) 560-8235 FAX
ENVIRONMENTAL MANAGEMENT, INC.

MISSION VALLEY ROCK

SECOND QUARTER 2007
SITE PLAN

PROJECT NO. EM-5009C

FIGURE 2



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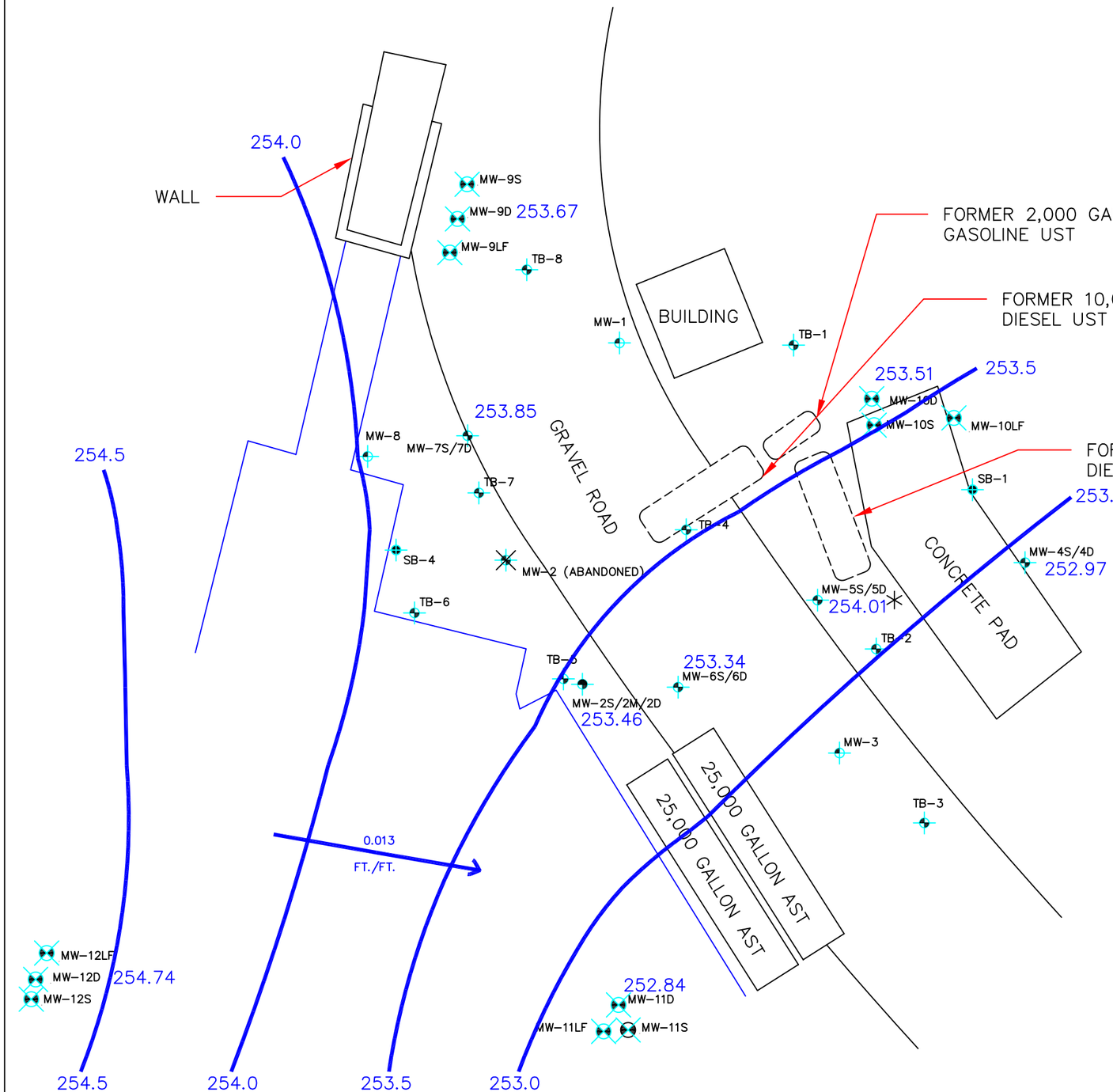
(714) 560-8235 FAX
ENVIRONMENTAL MANAGEMENT, INC.

MISSION VALLEY ROCK

SECOND QUARTER 2007
GROUNDWATER CONTOUR MAP
(SHALLOW ZONE)

PROJECT NO. EM-5009C

FIGURE 3



MW-9S	New groundwater monitoring well – single completion
MW-1	Existing groundwater monitoring well – single completion
MW-7S/7D	Existing groundwater monitoring well – dual nested
MW-2S/SM/2D	Existing groundwater monitoring well – triple nested
MW-2	Abandoned groundwater monitoring well
TB-1	Grab groundwater sample location
SB-1	Temporary soil boring location
AST =	Aboveground storage tank
UST =	Underground storage tank
—253.0—	Groundwater Elevation Contour (in feet above mean sea level)
✳	Not Used For Contouring

APPROXIMATE LOCATION OF FORMER 10,000 GALLON DIESEL UST/AST (D4)

NORTH

0 30
SCALE (FEET)

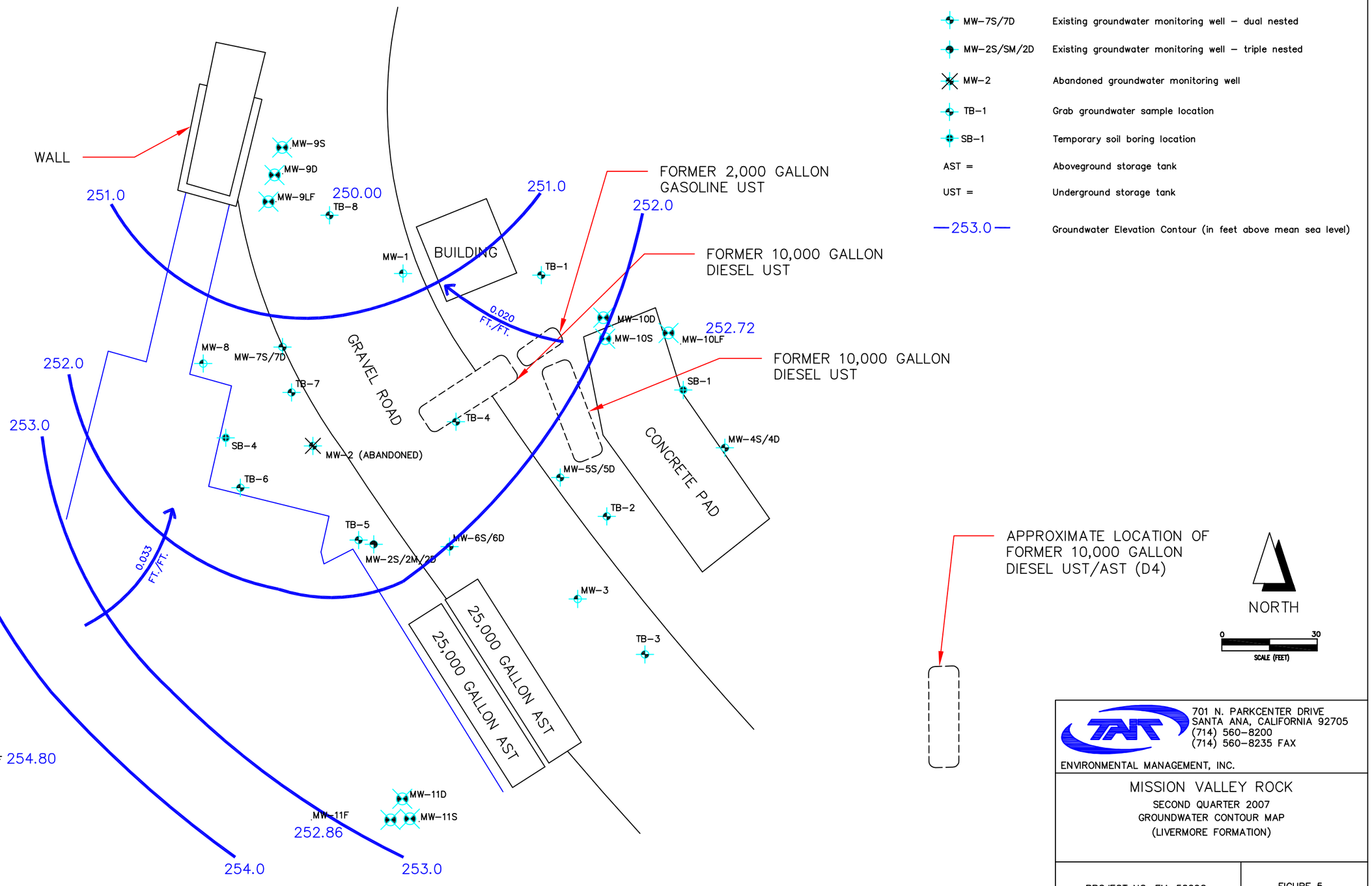
701 N. PARKCENTER DRIVE
SANTA ANA, CALIFORNIA 92705
(714) 560-8200
(714) 560-8235 FAX
ENVIRONMENTAL MANAGEMENT, INC.

MISSION VALLEY ROCK

SECOND QUARTER 2007
GROUNDWATER CONTOUR MAP
(DEEP ZONE)

PROJECT NO. EM-5009C

FIGURE 4



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SANTA ANA, CALIFORNIA 92705
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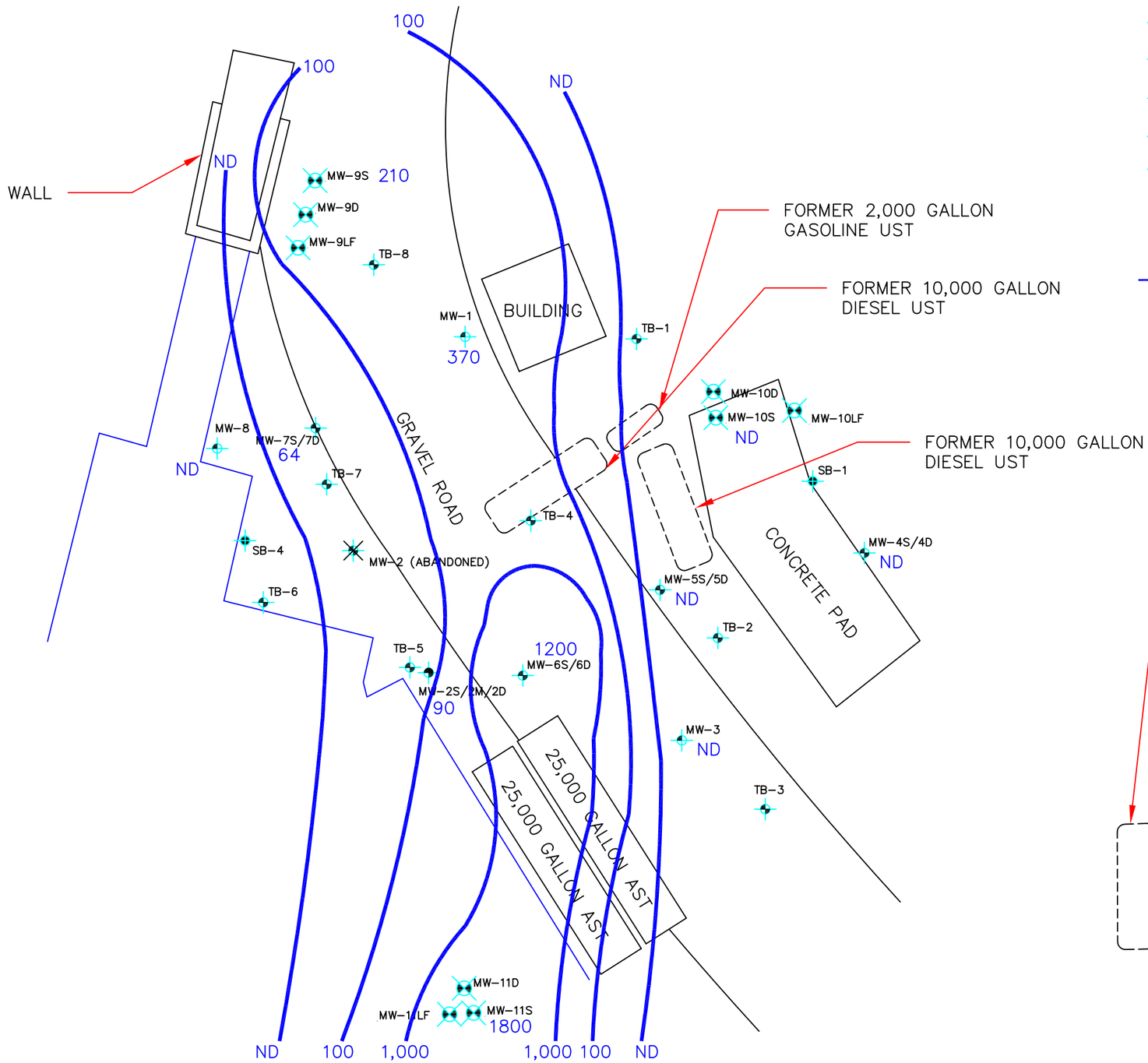
(714) 560-8235 FAX
ENVIRONMENTAL MANAGEMENT, INC.

MISSION VALLEY ROCK

SECOND QUARTER 2007
GROUNDWATER CONTOUR MAP
(LIVERMORE FORMATION)

PROJECT NO. EM-5009C

FIGURE 5



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MISSION VALLEY ROCK

SECOND QUARTER 2007
TPHg CONCENTRATIONS IN GROUNDWATER
(SHALLOW ZONE)

PROJECT NO. EM-5009C

FIGURE 6

ND
100
1,000
100
ND
10,000
WALL
MW-9S
MW-9D
42,000
MW-9LF
TB-8
BUILDING
MW-1
TB-1
FORMER 2,000 GALLON
GASOLINE UST
FORMER 10,000 GALLON
DIESEL UST
830
MW-10D
MW-10S
MW-10LF
FORMER 10,00
MW-8
MW-7S/7D
100,000
TB-7
SB-1
TB-4
MW-4S/4D
ND
SB-4
MW-2 (ABANDONED)
MW-5S/5D
ND
TB-6
TB-2
100
ND
TB-5
MW-6S/6D
180
MW-2S/2M/2D
140
MW-3
TB-3
1,000
MW-12LF
MW-12D ND
MW-12S
11,000
MW-11D
MW-11LF
MW-11S
10,000
100

MW-9S — New groundwater monitoring well – single completion

Existing groundwater monitoring well – single completion

Existing groundwater monitoring well – dual nested

MW-2S/SM/2D — Existing groundwater monitoring well – triple nested

Abandoned groundwater monitoring well

Grab groundwater sample location

1 — Temporary soil boring location

AST = Aboveground storage tank

UST = Underground storage tank

—100— TPHg Contour (micrograms/Liter)

ND — Not detected above laboratory reporting limit.

NORTH

0 30
SCALE (FEET)

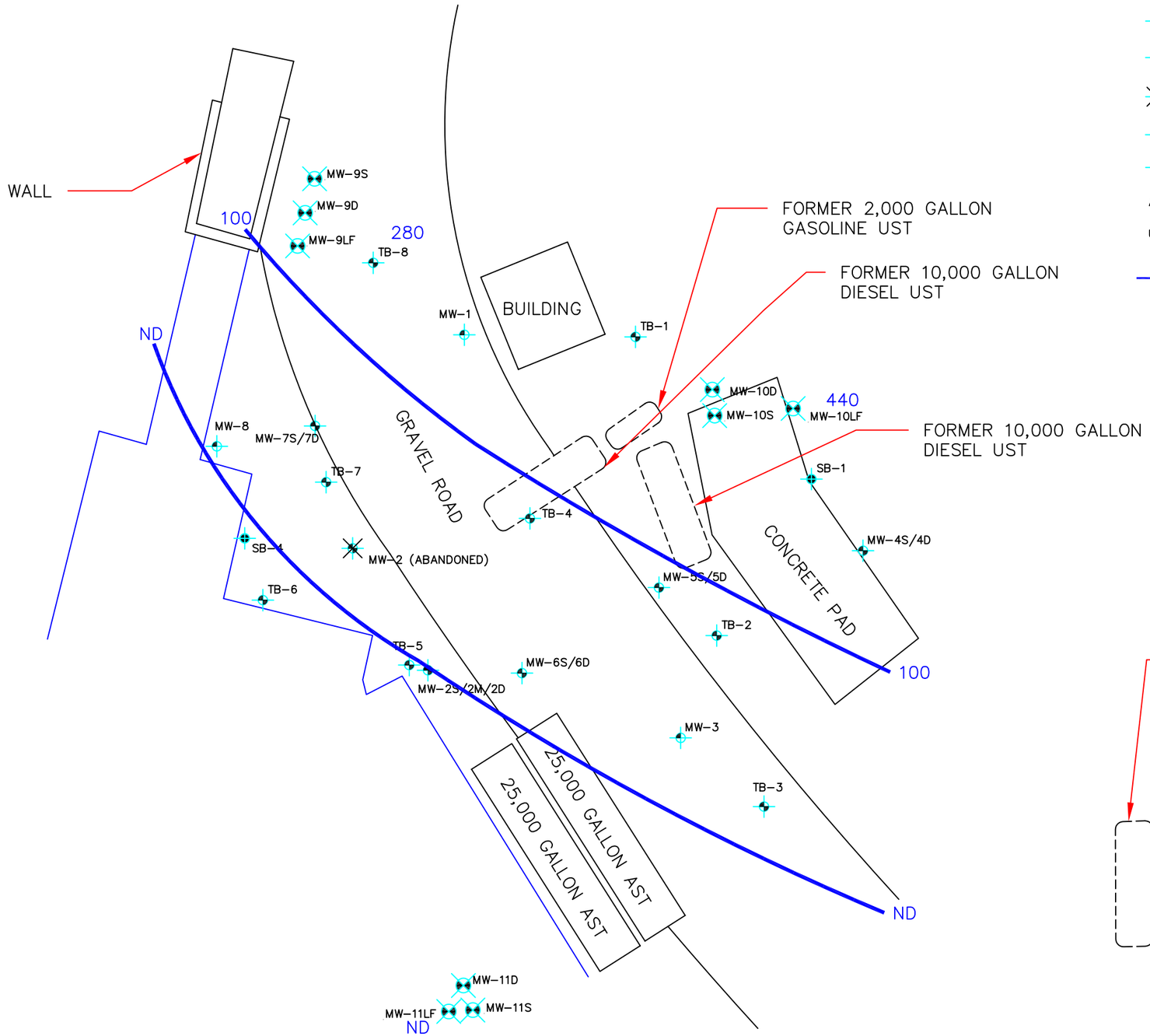
701 N. PARKCENTER DRIVE
SANTA ANA, CALIFORNIA 92705
(714) 560-8200
(714) 560-8235 FAX
ENVIRONMENTAL MANAGEMENT, INC.

MISSION VALLEY ROCK

SECOND QUARTER 2007
TPHg CONCENTRATIONS IN GROUNDWATER
(DEEP ZONE)

PROJECT NO. EM-5009C

FIGURE 7



MW-9S	New groundwater monitoring well – single completion
MW-1	Existing groundwater monitoring well – single completion
MW-7S/7D	Existing groundwater monitoring well – dual nested
MW-2S/SM/2D	Existing groundwater monitoring well – triple nested
MW-2	Abandoned groundwater monitoring well
TB-1	Grab groundwater sample location
SB-1	Temporary soil boring location
AST =	Aboveground storage tank
UST =	Underground storage tank
100	TPHg Contour (micrograms/Liter)
ND	Not detected above laboratory reporting limit.

APPROXIMATE LOCATION OF FORMER 10,000 GALLON DIESEL UST/AST (D4)

NORTH

0 30
SCALE (FEET)

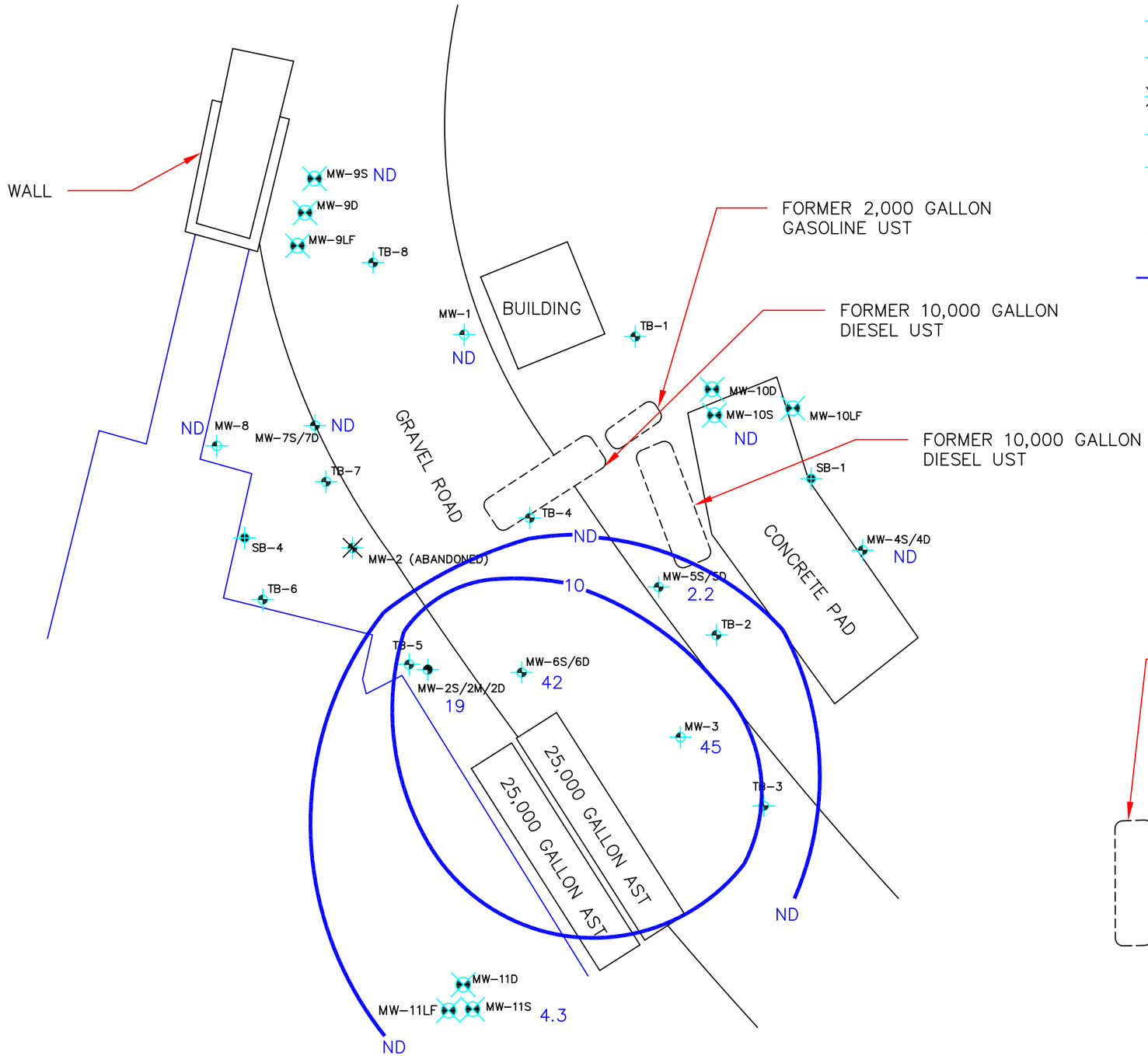
701 N. PARKCENTER DRIVE
SANTA ANA, CALIFORNIA 92705
(714) 560-8200
(714) 560-8235 FAX
ENVIRONMENTAL MANAGEMENT, INC.

MISSION VALLEY ROCK

SECOND QUARTER 2007
TPHg CONCENTRATIONS IN GROUNDWATER
(LIVERMORE FORMATION)

PROJECT NO. EM-5009C

FIGURE 8



MW-9S	New groundwater monitoring well – single completion
MW-1	Existing groundwater monitoring well – single completion
MW-7S/7D	Existing groundwater monitoring well – dual nested
MW-2S/SM/2D	Existing groundwater monitoring well – triple nested
MW-2	Abandoned groundwater monitoring well
TB-1	Grab groundwater sample location
SB-1	Temporary soil boring location
AST =	Aboveground storage tank
UST =	Underground storage tank
—10—	MTBE Contour (micrograms/Liter)
ND	Not detected above laboratory reporting limit.

APPROXIMATE LOCATION OF FORMER 10,000 GALLON DIESEL UST/AST (D4)

NORTH

0 30
SCALE (FEET)

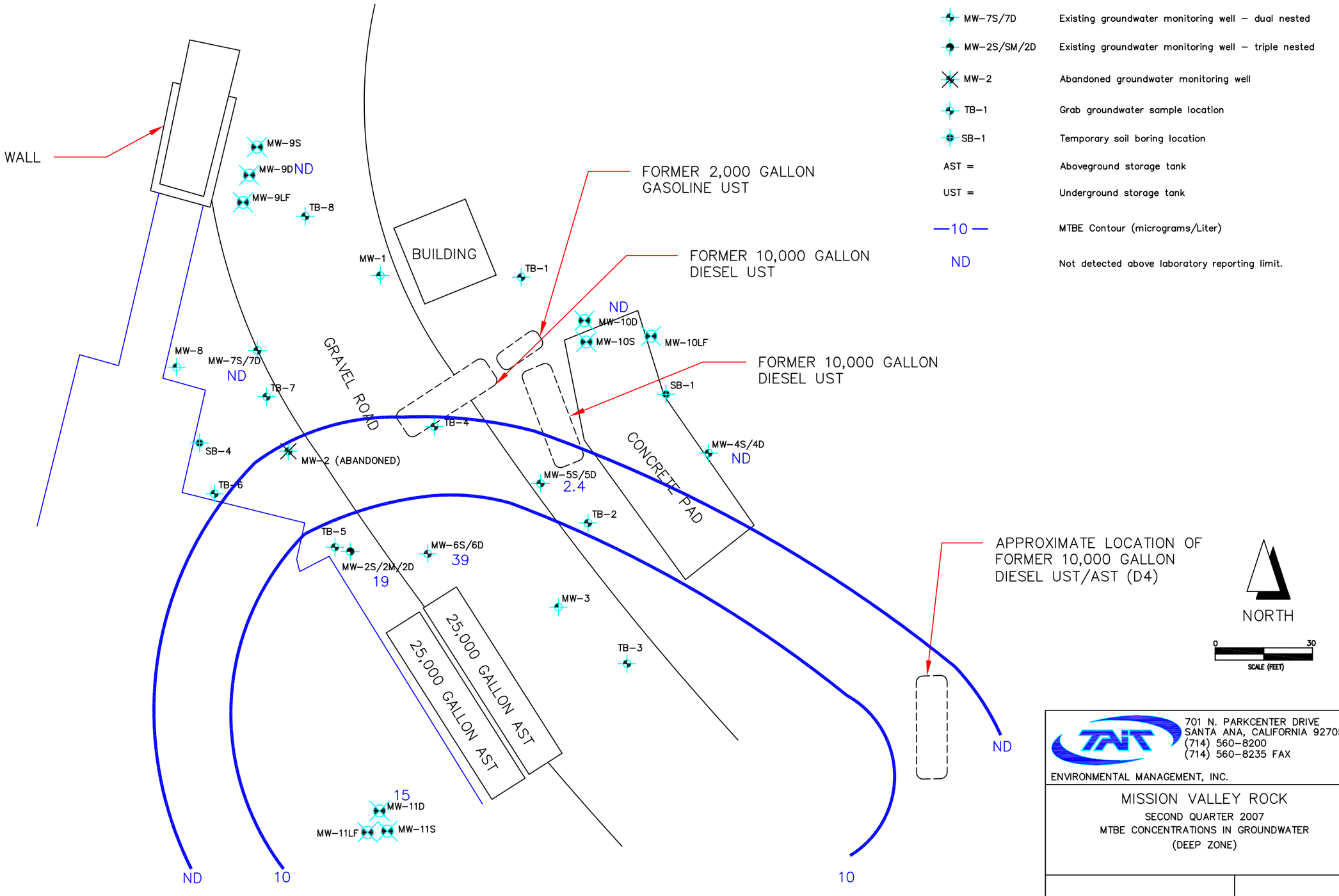
701 N. PARKCENTER DRIVE
SANTA ANA, CALIFORNIA 92705
(714) 560-8200
(714) 560-8235 FAX
ENVIRONMENTAL MANAGEMENT, INC.

MISSION VALLEY ROCK

SECOND QUARTER 2007
MTBE CONCENTRATIONS IN GROUNDWATER
(SHALLOW ZONE)

PROJECT NO. EM-5009C

FIGURE 9



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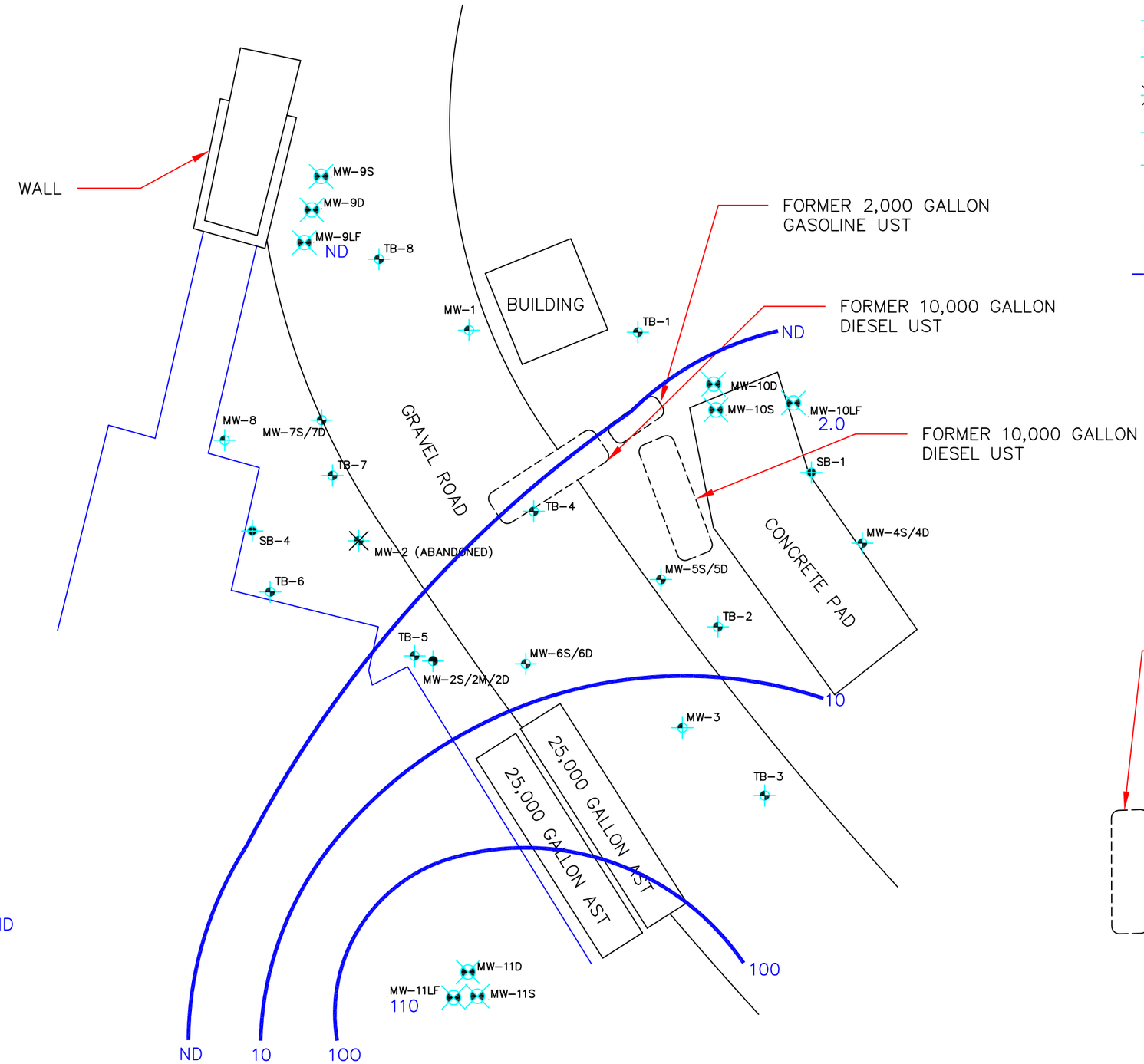
MISSION VALLEY ROCK

SECOND QUARTER 2007
MTBE CONCENTRATIONS IN GROUNDWATER
(DEEP ZONE)

PROJECT NO. EM-5009C

FIGURE 10



MW-9S	New groundwater monitoring well – single completion
MW-1	Existing groundwater monitoring well – single completion
MW-7S/7D	Existing groundwater monitoring well – dual nested
MW-2S/SM/2D	Existing groundwater monitoring well – triple nested
MW-2	Abandoned groundwater monitoring well
TB-1	Grab groundwater sample location
SB-1	Temporary soil boring location
AST =	Aboveground storage tank
UST =	Underground storage tank
—100—	MTBE Contour (micrograms/Liter)
ND	Not detected above laboratory reporting limit.

APPROXIMATE LOCATION OF FORMER 10,000 GALLON DIESEL UST/AST (D4)

NORTH

0 30
SCALE (FEET)

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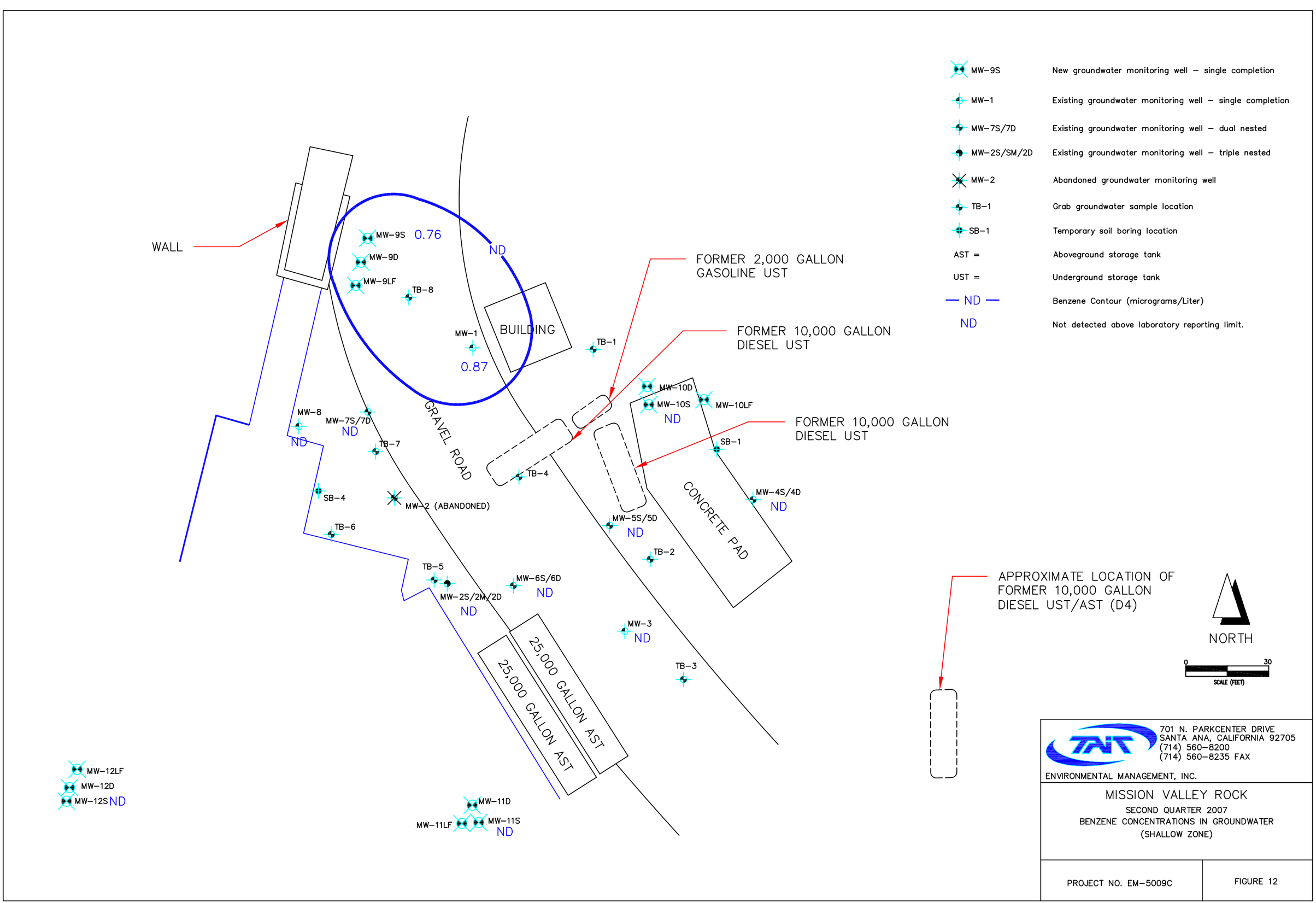
MISSION VALLEY ROCK

SECOND QUARTER 2007
MTBE CONCENTRATIONS IN GROUNDWATER
(LIVERMORE FORMATION)

PROJECT NO. EM-5009C

FIGURE 11



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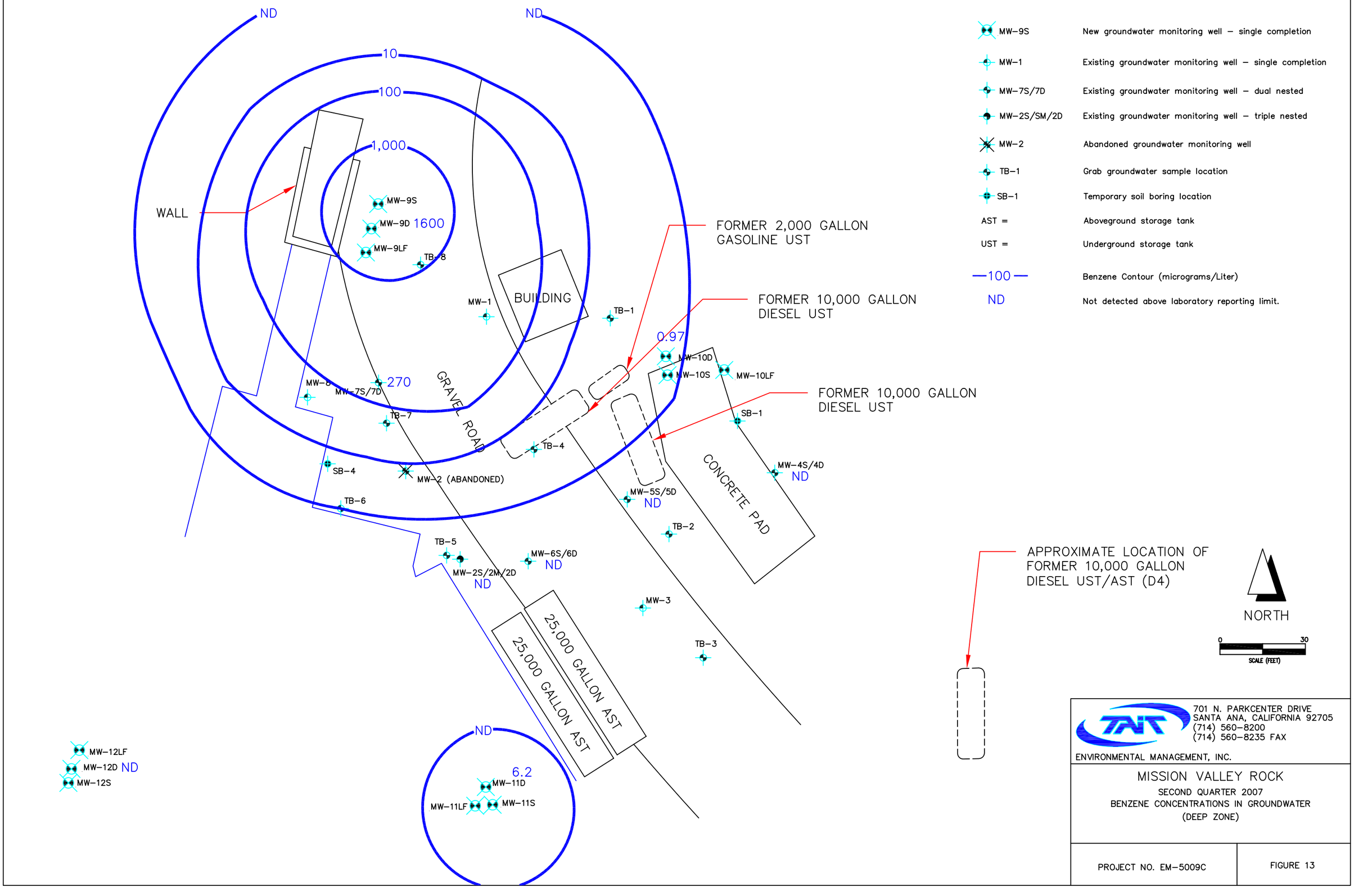
MISSION VALLEY ROCK

SECOND QUARTER 2007
BENZENE CONCENTRATIONS IN GROUNDWATER
(SHALLOW ZONE)

PROJECT NO. EM-5009C

FIGURE 12



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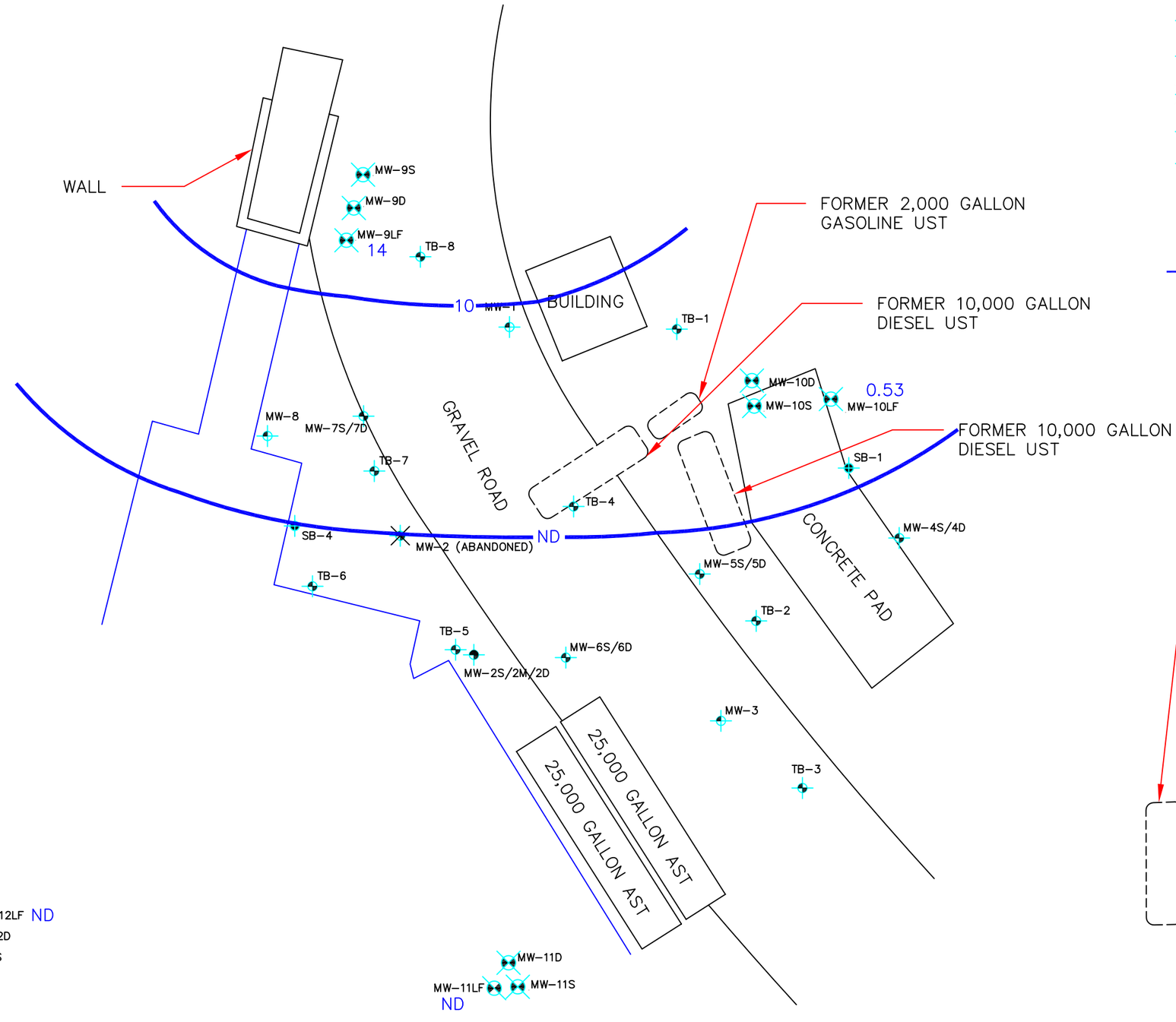
(714) 560-8235 FAX
ENVIRONMENTAL MANAGEMENT, INC.

MISSION VALLEY ROCK

SECOND QUARTER 2007
BENZENE CONCENTRATIONS IN GROUNDWATER
(DEEP ZONE)

PROJECT NO. EM-5009C

FIGURE 13



MW-9S	New groundwater monitoring well – single completion
MW-1	Existing groundwater monitoring well – single completion
MW-7S/7D	Existing groundwater monitoring well – dual nested
MW-2S/SM/2D	Existing groundwater monitoring well – triple nested
MW-2	Abandoned groundwater monitoring well
TB-1	Grab groundwater sample location
SB-1	Temporary soil boring location
AST =	Aboveground storage tank
UST =	Underground storage tank
10	Benzene Contour (micrograms/Liter)
ND	Not detected above laboratory reporting limit.

APPROXIMATE LOCATION OF FORMER 10,000 GALLON DIESEL UST/AST (D4)

NORTH

0 30

SCALE (FEET)

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SANTA ANA, CALIFORNIA 92705
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(714) 560-8235 FAX

ENVIRONMENTAL MANAGEMENT, INC.

MISSION VALLEY ROCK

SECOND QUARTER 2007
BENZENE CONCENTRATIONS IN GROUNDWATER
(LIVERMORE FORMATION)

PROJECT NO. EM-5009C

FIGURE 14

TABLES

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

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	06/23/98	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
		03/22/01	2.28	254.23	ND
		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
		06/13/02	3.95	252.56	ND
		09/27/02	5.18	251.33	ND
		12/03/02	3.90	252.61	ND
		03/31/03	1.40	255.11	ND
		06/27/03	2.65	253.86	ND
		09/19/03	4.67	251.84	ND
		12/22/03	4.60	251.91	ND
	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
		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

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-2	256.7	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
		06/27/01	3.31	253.39	0.06
		09/21/01	7.08	249.62	0.34
		12/27/01	2.18	254.52	0.26
		03/29/02	3.40	253.30	0.90
		06/13/02	4.35	252.35	0.08
		09/27/02	5.54	251.16	ND
		12/03/02	4.30	252.40	ND
		03/31/03	1.78	254.92	ND
		06/27/03	3.10	253.60	ND
		09/19/03	5.02	251.68	ND
		12/22/03	NM	NM	ND
		01/05/05	Abandoned		
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
		06/12/06	3.08	255.76	ND
		09/05/06	7.01	251.83	ND
		12/04/06	6.40	252.44	ND
		02/26/07	3.52	255.32	ND
		06/11/07	4.93	253.91	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	2.10	256.89	ND
		06/12/06	3.39	255.60	ND
		09/05/06	7.36	251.63	ND
		12/04/06	6.89	252.10	ND
		02/26/07	3.79	255.20	ND
		06/11/07	5.30	253.69	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
		06/12/06	3.48	255.43	ND
		09/05/06	7.44	251.47	ND
		12/04/06	6.94	251.97	ND
		02/26/07	3.89	255.02	ND
		06/11/07	5.45	253.46	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)
MW-3	256.72	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
		03/22/01	4.73	251.99	ND
		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
		06/13/02	6.52	250.20	ND
		09/27/02	7.28	249.44	ND
		12/03/02	6.40	250.32	ND
		03/31/03	4.01	252.71	ND
		06/27/03	5.13	251.59	ND
		09/19/03	5.13	251.59	ND
		12/22/03	7.20	249.52	ND
	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
		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
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	3.10	256.04	ND
		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
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
		12/12/05	8.50	250.72	ND
		03/02/06	3.63	255.59	ND
		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

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-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
		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
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
		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
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
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	2.70	256.57	ND
		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
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
	258.84	06/12/06	2.55	256.29	ND
		09/05/06	6.30	252.54	ND
		12/04/06	5.60	253.24	ND
		02/26/07	2.61	256.23	ND
		06/11/07	4.32	254.52	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)
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
	258.80	06/12/06	3.66	255.14	Gasoline odor
		09/05/06	7.19	251.61	ND
		12/04/06	6.64	252.16	ND
		02/26/07	3.65	255.15	ND
		06/11/07	4.95	253.85	ND
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
		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
MW-9S	258.41	06/12/06	2.14	256.27	ND
		09/05/06	5.92	252.49	ND
		12/04/06	5.21	253.20	ND
		02/26/07	3.28	255.13	ND
		06/11/07	3.70	254.71	ND
MW-9D	258.86	06/12/06	3.16	255.70	ND
		09/05/06	7.12	251.74	ND
		12/04/06	6.58	252.28	ND
		02/26/07	3.52	255.34	Sheen
		06/11/07	5.19	253.67	Sheen
MW-9LF	258.94	06/12/06	3.46	255.48	ND
		09/05/06	7.37	251.57	ND
		12/04/06	6.85	252.09	ND
		02/26/07	3.79	255.15	ND
		06/11/07	8.94	250.00	ND
MW-10S	260.67	06/12/06	5.00	255.67	ND
		09/05/06	5.62	255.05	ND
		12/04/06	5.04	255.63	ND
		02/26/07	3.88	256.79	ND
		06/11/07	4.84	255.83	ND
MW-10D	260.64	06/12/06	5.42	255.22	ND
		09/05/06	8.92	251.72	ND
		12/04/06	8.18	252.46	ND
		02/26/07	5.40	255.24	ND
		06/11/07	7.13	253.51	ND
MW-10LF	260.58	06/12/06	5.99	254.59	ND
		09/05/06	9.65	250.93	ND
		12/04/06	9.02	251.56	ND
		02/26/07	6.23	254.35	ND
		06/11/07	7.86	252.72	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)
MW-11S	258.96	06/12/06	3.69	255.27	ND
		09/05/06	7.69	251.27	ND
		12/04/06	7.28	251.68	ND
		02/26/07	4.20	254.76	ND
		06/11/07	5.72	253.24	ND
MW-11D	258.98	06/12/06	3.70	255.28	ND
		09/05/06	8.50	250.48	ND
		12/04/06	7.65	251.33	ND
		02/26/07	4.48	254.50	Sheen
		06/11/07	6.14	252.84	Sheen
MW-11LF	259.01	06/12/06	3.90	255.11	ND
		09/05/06	7.84	251.17	ND
		12/04/06	7.75	251.26	ND
		02/26/07	4.69	254.32	ND
		06/11/07	6.15	252.86	ND
MW-12S	262.69	06/12/06	5.77	256.92	ND
		09/05/06	10.51	252.18	ND
		12/04/06	10.00	252.69	ND
		02/26/07	6.45	256.24	ND
		06/11/07	7.95	254.74	ND
MW-12D	262.70	06/12/06	5.69	257.01	ND
		09/05/06	10.40	252.30	ND
		12/04/06	9.94	252.76	ND
		02/26/07	6.47	256.23	ND
		06/11/07	7.96	254.74	ND
MW-12LF	262.90	06/12/06	5.92	256.98	ND
		09/05/06	10.69	252.21	ND
		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.

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)	TAME (ug/L)	TBA (ug/L)	MTBE (ug/L)
MW-1	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
	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
MW-2	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
	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**
	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
ND: not detected above laboratory reporting limit

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)	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**
	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	Abandoned								
MW-2S	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**
	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**
MW-2M	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**
	03/03/06	ND<50	**290**	ND<0.5	ND<0.5	**0.5**	ND<1.0	ND<2.0	ND<10	**17**
	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**
MW-2D	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**
	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
ND: not detected above laboratory reporting limit

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)	TAME (ug/L)	TBA (ug/L)	MTBE (ug/L)
MW-3	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								
	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**
	06/13/02	ND<1000	**160**	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<2.0	ND<10	**36**
	09/27/02	ND<1000	ND<1000	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<2.0	ND<10	**43**
	12/03/02	ND<1000	ND<100	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<2.0	ND<10	**41**
	03/31/03	ND<1000	ND<100	ND<2.5	ND<2.5	ND<2.5	ND<2.5	ND<2.0	ND<10	**92**
	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**
MW-4S	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
	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
MW-4D	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
	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	**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
MW-5S	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
	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<0.5	ND<2.0	ND<10	**5.4**

TPHd: diesel
TPHg: gasoline
TAME: tert amyl methyl ether
TBA: tert-butyl alcohol
MTBE: methyl tert-butyl ether
ug/L: micrograms per liter
ND: not detected above laboratory reporting limit

Table 4
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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**
MW-5D	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**
	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**
MW-6S	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**
	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**
MW-6D	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**
	08/12/05	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**
	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**
MW-7S	01/17/05	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
	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
MW-7D	01/17/05	ND<50	**23000**	**350**	**1000**	**1800**	**5200**	ND<2.0	ND<10	ND<1.0
	05/04/05	NS								
	08/12/05	**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<1.0
	06/14/06	ND<50	**160000**	**310**	**2400**	**4500**	**9800**	ND<2.0	ND<10	ND<1.0

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	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
MW-8	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
	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
MW-9S	05/05/06	ND<50	**1300**	**8.6**	**24**	**40**	**29.8**	ND<2.0	ND<10	ND<1.0
	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
	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
MW-9D	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
	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
MW-9LF	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
	09/07/06	ND<50	**1100**	**58**	**23**	**31**	**58**	ND<2.0	ND<10	ND<1.0
	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
MW-10S	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
	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
	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
MW-10D	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
	09/07/06	ND<50	**2400**	**3.9**	**2.0**	**54**	**11.89**	ND<2.0	ND<10	ND<1.0
	12/06/06	ND<50	**1600**	**2.5**	**1.0**	**28**	**4**	ND<2.0	ND<10	ND<1.0
	02/27/07	**200**	**850**	**2.7**	**0.90**	**28**	**2.3**	ND<2.0	ND<10	ND<1.0
	06/12/07	ND<500	**830**	**1.0**	ND<0.5	**14**	**2.0**	ND<2.0	ND<10	ND<1.0
MW-10LF	05/05/06	ND<50	**860**	ND<0.5	**11**	ND<0.5	**4.6**	ND<2.0	ND<10	ND<1.0
	06/13/06	ND<50	**780**	**2.0**	**2.4**	**1.1**	**4.2**	ND<2.0	ND<10	ND<1.0
	09/07/06	ND<50	**780**	**1.7**	**1.6**	**1.7**	**7.8**	ND<2.0	ND<10	ND<1.0
	12/05/06	**190**	**610**	**0.5**	**0.56**	ND<0.5	**1.5**	ND<2.0	ND<10	**3.7**
	02/27/07	ND<500	**580**	**1.0**	**1.1**	**0.51**	**3.6**	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
ND: not detected above laboratory reporting limit

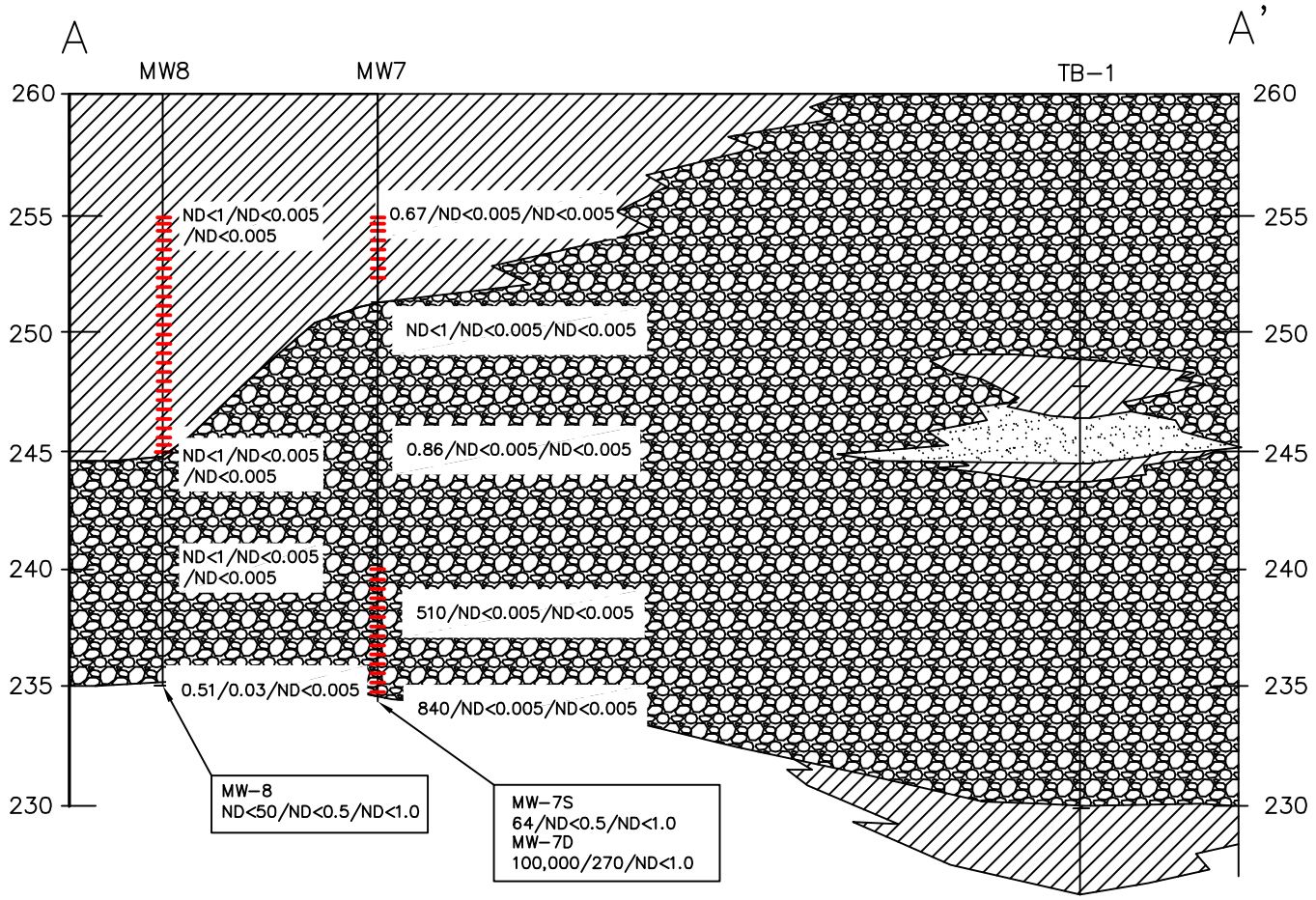
Table 4
Historical Groundwater Analytical Results
Mission Valley Rock Company
Sunol, California

Well	Date	TPHd (ug/L)	TPHg (ug/L)	Benzene (ug/L)	Toluene (ug/L)	Ethylbenzene (ug/L)	Xylenes (ug/L)	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**
MW-11S	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
	09/06/06	**3300**	**1400**	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2.0	ND<10	**4.8**
	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**
MW-11D	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**
	09/06/06	**210000**	**33000**	**25**	**30**	**28**	**97**	ND<2.0	ND<10	**31**
	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**
MW-11LF	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**
	09/06/06	**5300**	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1.0	ND<2.0	ND<10	**160**
	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**
MW-12S	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
	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
	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
MW-12D	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
	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
	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
MW-12LF	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
	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
	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
ND: not detected above laboratory reporting limit

APPENDIX A

CROSS SECTIONS



LEGEND

- SILTY SAND/SAND
- CLAY
- GRAVEL

5'
20'
0
0

SCALES VERTICAL SCALE EXAGGERATED

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

Screen Interval in Well

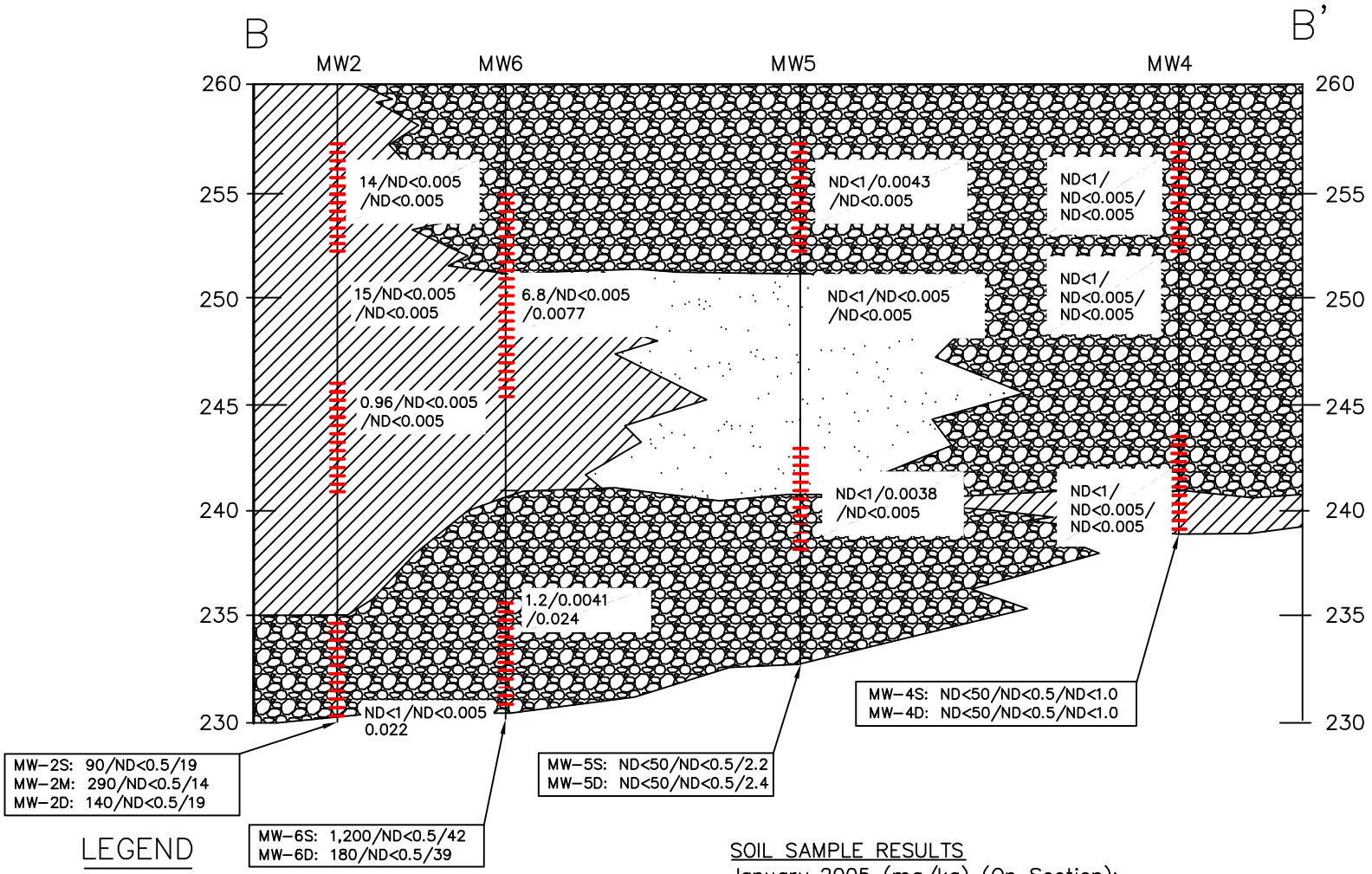
GROUNDWATER DATA RESULTS
June 2007 (µg/l) (Below Section):
TPH-g/Benzene/MTBE
ND<50/ND<0.5/ND<1.0

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

EAST-WEST CROSS SECTION
A-A'

PROJECT NO. EM5009C



LEGEND

SILTY SAND/SAND

CLAY

GRAVEL

5'

20'

0

0

SCALES

VERTICAL SCALE EXAGGERATED

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

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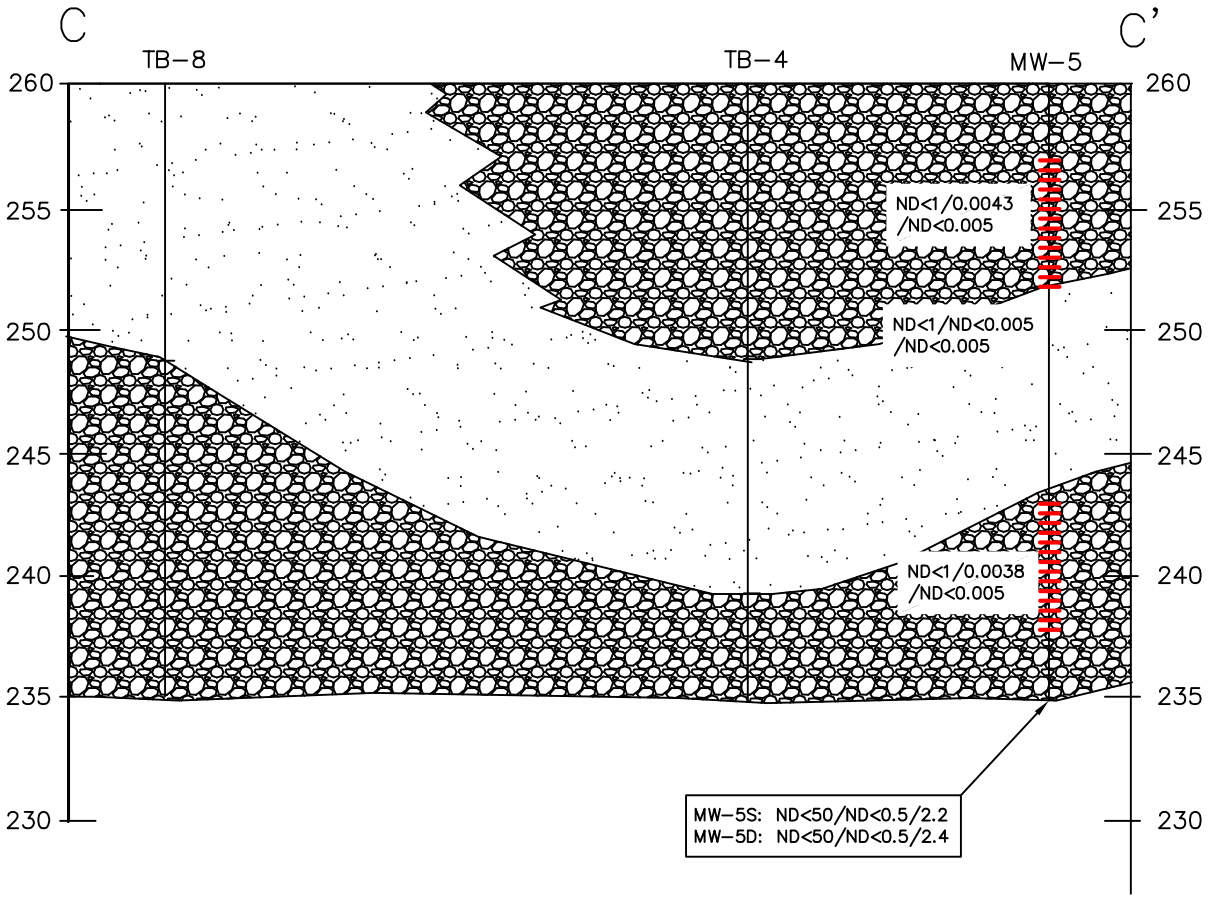
7999 ATHENOUR WAY
SUNOL, CALIFORNIA

EAST-WEST CROSS SECTION
B-B'

PROJECT NO. EM5009C



LEGEND

SILTY SAND/SAND

GRAVEL

5'

20'

0

0

SCALES VERTICAL SCALE EXAGGERATED

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

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SUNOL, CALIFORNIA

NORTH-SOUTH CROSS SECTION C-C'

PROJECT NO. EM5009C

APPENDIX B

SAMPLING DATA SHEETS

TAIT Environmental Management, Inc

Groundwater Sampling Data Sheet

Project Name: Mission Valley Rock	**Date:** 6-11-07
Project No.: EM5009C	**Prepared By:** Michael Schenone
Well Identification: MW-45	**Weather:** Hot, Dry **Screen:**
Measurement Point Description: TOC North	**Pump Intake:** 8'

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
NA	4.75	8.35	3.6	NA	0.58	1.73	-	-

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: Horiba, 2 stage pump

Purge Method: 2 stage pump

Well Condition: Good

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
1318		0			7.18	21.5	82.5	0.47	5.92	-31	clear
		1			7.08	20.7	9.3	0.48	3.33	-50	↓
1328		2			7.02	20.2	1.5	0.48	2.51	-54	

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
1318	1328	0.2	2	3.45	5.47	4.77	1331	

Notes:

ft-bmp = feet below measuring point

TAIT Environmental Management, Inc

Groundwater Sampling Data Sheet

Project Name: Mission Valley Rock	**Date:** 6-11-07
Project No.: EM5009C	**Prepared By:** Michael Schenone
Well Identification: MW-4d	**Weather:** Hot, Dry **Screen:**
Measurement Point Description: TOC North	**Pump Intake:** 19'

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
NA	6.25	23.38	17.1	NA	2.74	8.22	-	-

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: Horiba, 2 stage pump

Purge Method: 2 stage pump

Well Condition: good

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
1345		0			7.35	17.5	45.6	0.33	3.35	-33	CLEAR
		3			7.09	16.8	Ø	0.46	3.46	-15	↓
		6			7.14	16.8	Ø	0.44	3.35	-22	
1357		9			7.14	16.9	Ø	0.43	2.84	-22	

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
1345	1357	0.75	9	3.3	9.70	6.30	1404	

Notes:

ft-bmp = feet below measuring point

TAIT Environmental Management, Inc

Groundwater Sampling Data Sheet

Project Name: Mission Valley Rock
Project No.: EM5009C
Well Identification: MW-55
Measurement Point Description: TOC North

Date: 6-11-07
Prepared By: Michael Schenone
Weather: Hot Dey **Screen:**
Pump Intake: 8'

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
NA	5.10	8.24	3.1	NA	0.5	1.5	-	-

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: Horiba, 2 stage pump
Purge Method: 2 stage pump
Well Condition: Good

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
1420		0			7.20	23.5	67.8	0.20	7.73	-40	clear
		1	WELL	WENT	DRY	@	APPROX	0.5	gallon.		
1425		2									

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
1420	1425	0.1	0.5	1	5.76	5.14	1747	

Notes: used disposable handbailer to sample

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

TAIT Environmental Management, Inc

Groundwater Sampling Data Sheet

Project Name: Mission Valley Rock	**Date:** 6-11-07
Project No.: EM5009C	**Prepared By:** Michael Schenone
Well Identification: MW-7S	**Weather:** hot, dry **Screen:**
Measurement Point Description: TOC North	**Pump Intake:** 8'

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
NA	4.32	8.48	4.2	NA	0.67	2.0	-	-

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: Horiba, 2 stage pump

Purge Method: 2 stage pump

Well Condition: Good

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
1441		0			6.82	18.9	750	0.21	5.07	-30	Murky
		1			6.89	18.5	340	0.18	2.78	-50	↓
1450		2			6.91	18.60	500	0.17	2.72	-56	

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
1441	1450	0.22	2.0	3.0	1455	4.45	14.55	

Notes:

ft-bmp = feet below measuring point

TAIT Environmental Management, Inc

Groundwater Sampling Data Sheet

Project Name: Mission Valley Rock
Project No.: EM5009C
Well Identification: MW-8
Measurement Point Description: TOC North

Date: 6-11-07
Prepared By: Michael Schenone
Weather: hot, dry **Screen:**
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
NA	4.32	15.34	11.0	NA	1.76	5.29	-	-

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: Horiba, 2 stage pump
Purge Method: 2 stage pump
Well Condition: Good

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
1510		0			7.15	17.0	105	0.15	1.85	-67	CLEAR
		2			7.16	16.8	65	0.15	1.83	-46	↓
		4			7.16	16.8	61	0.15	1.79	-43	
1519		6			7.16	16.8	58	0.15	1.77	-40	

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
1510	1519	0.67	6.0	3.4	6.54	4.45	1525	

Notes:

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

TAIT Environmental Management, Inc

Groundwater Sampling Data Sheet

Project Name: Mission Valley Rock
Project No.: EM5009C
Well Identification: MW - 11LF
Measurement Point Description: TOC North

Date: 6-11-07
Prepared By: Michael Schenone
Weather: hot, dry **Screen:**
Pump Intake: 34'

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
NA	6.15	39.41	33.3	NA	5.32	16.0	-	-

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: Horiba, 2 stage pump
Purge Method: 2 stage pump
Well Condition: Good

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
1543		0			7.78	18.8	350	0.14	3.86	-99	MURKY
		4			7.73	18.6	750	0.14	1.99	-105	
		8			7.69	18.6	801	0.14	1.74	-110	
		12			7.59	18.3	243	0.14	1.74	-114	
1555		16			7.55	18.3	375	0.14	1.82	-116	

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
1543	1555	1.33	16	3.0	12.77	6.95	1602	

Notes:

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

TAIT Environmental Management, Inc

Groundwater Sampling Data Sheet

Project Name: Mission Valley Rock
Project No.: EM5009C
Well Identification: MW-12S
Measurement Point Description: TOC North

Date: 6-11-07
Prepared By: Michael Schenone
Weather: hot, dry **Screen:**
Pump Intake: 10.5'

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
NA	7.95	11.04	3.1	NA	0.5	1.5	-	-

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: Horiba, 2 stage pump
Purge Method: 2 stage pump
Well Condition: Good

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
1622		0			7.14	18.3	~~0.83~~	0.23	2.56	-58	clear
1630		1			7.18	17.7	OVER	0.23		+61	MURKY
			*	WELL	WENT	DRY @	APPROX	1.0	gallons		

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
1622	1630	0.13	1.0	2.0	8.56	*9.20	1740	

Notes: used Disposable handbailer to sample

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

TAIT Environmental Management, Inc

Groundwater Sampling Data Sheet

Project Name: Mission Valley Rock	**Date:** 6-11-07
Project No.: EM5009C	**Prepared By:** Michael Schenone
Well Identification: MW-12d	**Weather:** hot, dry **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
NA	7.96	19.70	11.74	NA	1.88	5.63	-	-

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: Horiba, 2 stage pump
Purge Method: 2 stage pump
Well Condition: Good

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
1622		0			7.32	17.2	OVER	0.16	2.43	+85	MURKY
		2			7.27	17.3	OVER	0.16	2.22	+85	
		4			7.23	17.3	OVER	0.16	2.02	+85	
1650		6			7.20	17.3	OVER	0.16	1.97	+84	↓

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
1622	1650	0.75	6.0	3.19	10.31	8.13	1657	

Notes:

ft-bmp = feet below measuring point

TAIT Environmental Management, Inc

Groundwater Sampling Data Sheet

Project Name: Mission Valley Rock
Project No.: EM5009C
Well Identification: MW-12 LF
Measurement Point Description: TOC North

Date: 6-11-07
Prepared By: Michael Schenone
Weather: hot, dry **Screen:**
Pump Intake: 35'

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
NA	8.10	39.50	31.4	NA	5.0	15	-	-

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: Horiba, 2 stage pump
Purge Method: 2 stage pump
Well Condition: Good

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
1712		0			7.36	17.3	39.2	0.15	4.90	+71	CLEAR
		5			7.37	17.6	93.5	0.15	3.83	+81	CLEAR
		10			7.37	17.4	420	0.14	2.54	+81	MURKY
1724		15			7.38	17.5	813	0.14	1.88	+77	MURKY

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
1712	1724	1.25	15.0	3.0	14.38	8.65	1730	

Notes:

ft-bmp = feet below measuring point
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TAIT Environmental Management, Inc

Groundwater Sampling Data Sheet

Project Name: Mission Valley Rock	**Date:** 6-12-07
Project No.: EM5009C	**Prepared By:** Michael Schenone
Well Identification: MW-5d	**Weather:** hot, dry **Screen:**
Measurement Point Description: TOC North	**Pump Intake:** 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
NA	5.39	22.65	17.3	NA	2.76	8.3	-	-

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: Horiba, 2 stage pump

Purge Method: 2 stage pump

Well Condition: Good

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
915		0			7.60	18.0	14.2	0.28	3.91	-78	CLEAR
		3			7.58	18.0	14.7	0.30	3.39	-82	
		6			7.53	18.0	13.7	0.32	2.17	-93	
930		9			7.52	18.0	33.4	0.32	1.89	-98	

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
915	930	0.6	9.0	3.26	8.81	5.91	935	

Notes:

ft-bmp = feet below measuring point

TAIT Environmental Management, Inc

Groundwater Sampling Data Sheet

Project Name: Mission Valley Rock	**Date:** 6-12-07
Project No.: EM5009C	**Prepared By:** Michael Schenone
Well Identification: MW-3	**Weather:** hot, dry **Screen:**
Measurement Point Description: TOC North	**Pump Intake:**

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
NA	6.11	14.70	8.60	NA	1.37	4.12	-	-

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: Horiba, 2 stage pump
Purge Method: 2 stage pump
Well Condition: Good

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
953		0			7.62	18.8	735	0.30	1.94	-117	murky
		2			7.54	18.9	OVER	0.30	1.85	-123	
		4			7.48	18.9	OVER	0.30	1.76	-128	
1000		5			7.47	19.0	OVER	0.29	1.74	-132	↓

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
953	1000	0.71	5.0	3.65	7.82	6.99	1004	

Notes:

ft-bmp = feet below measuring point

TAIT Environmental Management, Inc

Groundwater Sampling Data Sheet

Project Name: Mission Valley Rock
Project No.: EM5009C
Well Identification: MW-10S
Measurement Point Description: TOC North

Date: 6-12-07
Prepared By: Michael Schenone
Weather: hot, dry **Screen:**
Pump Intake: 9'

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
NA	4.84	9.58	4.7	NA	0.76	2.27	-	-

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: Horiba, 2 stage pump
Purge Method: 2 stage pump
Well Condition: Good

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
1033		0			7.32	21.0	181	0.43	5.15	-48	MURKY
		1			7.35	21.0	67.4	0.43	4.41	-46	CLEAR
		2			7.37	21.0	16.3	0.43	3.30	-43	↓
1041		3			7.39	21.1	2.8	0.43	2.66	-43	

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
1033	1041	0.38	3	3.95	5.82	4.88	1045	

Notes:

ft-bmp = feet below measuring point
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TAIT Environmental Management, Inc

Groundwater Sampling Data Sheet

Project Name: Mission Valley Rock
Project No.: EM5009C
Well Identification: MW - 2d
Measurement Point Description: TOC North

Date: 6-12-07
Prepared By: Michael Schenone
Weather: hot, dry **Screen:**
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
NA	5.45	29.54	24.1	NA	3.85	11.6	-	-

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: Horiba, 2 stage pump
Purge Method: 2 stage pump
Well Condition: Good

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
1055		0			7.70	18.5	3.5	0.26	2.59	-99	CLEAR
		4			7.47	18.2	∅	0.26	1.98	-118	
		8			7.39	18.2	∅	0.25	1.68	-125	
1104		12			7.38	18.2	∅	0.24	1.66	-130	

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
1055	1104	1.33	12.0	3.12	10.26	6.05	1110	

Notes:

ft-bmp = feet below measuring point
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Groundwater Sampling Data Sheet

Project Name: Mission Valley Rock
Project No.: EM5009C
Well Identification: MW - 2M
Measurement Point Description: TOC North

Date: 6-12-07
Prepared By: Michael Schenone
Weather: hot, dry **Screen:**
Pump Intake: 10.5'

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
NA	5.30	12.29	6.99	NA	1.12	3.36	-	-

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: Horiba, 2 stage pump
Purge Method: 2 stage pump
Well Condition: Good

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
1129		0			7.37	19.0	28.9	0.25	1.84	-136	CLEAR
		1			7.37	18.6	30.4	0.25	1.80	-137	
		2			7.36	18.5	39.2	0.25	1.75	-137	
		3			7.35	18.5	44.1	0.25	1.73	-137	
1135		4			7.35	18.4	42.3	0.25	1.71	-138	

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
1129	1135	0.67	4.0	3.57	6.70	5.92	1137	

Notes:

ft-bmp = feet below measuring point
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Groundwater Sampling Data Sheet

Project Name: Mission Valley Rock	**Date:** 6-12-07
Project No.: EM5009C	**Prepared By:** Michael Schenone
Well Identification: MW-9S	**Weather:** hot, dry **Screen:**
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
NA	3.70	12.20	8.5	NA	1.36	4.08	-	-

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: Horiba, 2 stage pump

Purge Method: 2 stage pump

Well Condition: Broken well box concrete - needs repair

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
1158		0			7.21	18.5	870	0.28	1.85	-146	Murky
		1			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			7.33	18.3	583	0.29	1.71	-110	

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
1152	1159	0.57	4.08	3.0	5.40	4.73	1204	

Notes:

ft-bmp = feet below measuring point

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Groundwater Sampling Data Sheet

Project Name: Mission Valley Rock	**Date:** 6-12-07
Project No.: EM5009C	**Prepared By:** Michael Schenone
Well Identification: MW-65	**Weather:** hot, dry **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
NA	4.80	15.00	10.2	NA	1.63	4.90	-	-

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: Horiba, 2 stage pump
Purge Method: 2 stage pump
Well Condition: Good

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
1230		0			7.62	19.8	461	0.24	1.91	-125	Murky
		1			7.55	19.3	650	0.24	1.85	-140	
		2			7.52	19.2	548	0.25	1.76	-143	
		3			7.44	19.1	845	0.28	1.74	-145	
		4			7.42	19.0	OVER	0.29	1.75	-146	
1238		5			7.41	19.0	OVER	0.29	1.76	-147	

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
1230	1238	0.63	5.0	3.07	6.84	6.10	1243	

Notes:

ft-bmp = feet below measuring point

TAIT Environmental Management, Inc

Groundwater Sampling Data Sheet

Project Name: Mission Valley Rock	**Date:** 6-12-07
Project No.: EM5009C	**Prepared By:** Michael Schenone
Well Identification: MW-10LF	**Weather:** hot, dry **Screen:**
Measurement Point Description: TOC North	**Pump Intake:** 34'

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
NA	7.86	39.90	32.04	NA	5.13	15.38	-	-

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: Horiba, 2 stage pump

Purge Method: 2 stage pump

Well Condition: Good

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
1300		0			7.50	18.2	79.4	0.25	1.89	-172	CLEAR
		4			7.60	18.2	56.3	0.25	1.65	-168	
		8			7.56	18.4	73.9	0.32	1.62	-163	
		12			7.56	18.3	87.2	0.32	1.62	-163	
1311		16			7.57	18.2	127	0.31	1.62	-163	

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
1300	1311	1.45	16.0	3.12	14.27	8.01	1316	

Notes:

ft-bmp = feet below measuring point

TAIT Environmental Management, Inc

Groundwater Sampling Data Sheet

Project Name: Mission Valley Rock
Project No.: EM5009C
Well Identification: MW-1
Measurement Point Description: TOC North

Date: 6-12-07
Prepared By: Michael Schenone
Weather: hot dry
Screen:
Pump Intake: 15'

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
NA	4.10	17.78	13.68	NA	2.19	6.57	-	-

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: Horiba, 2 stage pump
Purge Method: 2 stage pump
Well Condition: Good

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
1340		0			7.56	19.2	159	0.32	2.01	-143	CLEAR
		2			7.51	19.2	157	0.32	1.85	-141	↓
		4			7.55	19.1	165	0.32	1.94	-138	
		6			7.54	17.9	231	0.32	1.75	-137	MUCKY
1350		7			7.54	18.1	226	0.32	1.69	-136	MUCKY

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
1340	1350	0.7	7.0	3.20	6.83	4.60	1355	

Notes:

ft-bmp = feet below measuring point
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Groundwater Sampling Data Sheet

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:** 34'

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
NA	8.94	39.11	30.2	NA	4.83	14.48	-	-

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: Horiba, 2 stage pump
Purge Method: 2 stage pump
Well Condition: Good

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
1415		0			7.78	18.1	222	0.22	1.90	-153	murky
		5			7.76	18.2	516	0.21	2.95	-114	↓
		10			7.87	18.7	272	0.21	2.12	-137	
1443		15			7.86	18.5	150	0.21	3.01	-127	

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
1415	1443	0.54	15.0	3.11	14.95	* 14.95	1455	

Notes: * waiting for well to recharge

ft-bmp = feet below measuring point

TAIT Environmental Management, Inc

Groundwater Sampling Data Sheet

Project Name: Mission Valley Rock
Project No.: EM5009C
Well Identification: MW-23
Measurement Point Description: TOC North

Date: 6-12-07
Prepared By: Michael Schenone
Weather: hot, dry
Screen:
Pump Intake: 8.5'

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
NA	4.93	8.71	3.78	NA	0.60	1.81	-	-

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: Horiba, 2 stage pump
Purge Method: 2 stage pump
Well Condition: Good

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
1518		0			7.40	22.0	207	0.23	2.12	-122	Murky
		1			7.36	20.3	324	0.23	1.81	-127	↓
1530		2			7.36	20.4	446	0.22	3.91	-126	

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
1518	1530	0.17	2.0	3.33	5.68	5.68	1545	

Notes:

ft-bmp = feet below measuring point
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Groundwater Sampling Data Sheet

Project Name: Mission Valley Rock	**Date:** 6-12-07
Project No.: EM5009C	**Prepared By:** Michael Schenone
Well Identification: MW-11S	**Weather:** hot, dry **Screen:**
Measurement Point Description: TOC North	**Pump Intake:** 9'

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
NA	5.72	9.43	3.71	NA	0.59	1.78	-	-

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: Horiba, 2 stage pump

Purge Method: 2 stage pump

Well Condition: Good

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
1551		0			7.38	20.0	61.4	0.20	3.17	-121	CLEAR
		1			7.40	20.0	82.4	0.17	2.76	-124	↓
1600		2			7.39	19.8	76.2	0.18	1.99	-128	↓

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
1551	1600	0.22	2.0	3.39	6.46	6.10	1606	

Notes:

ft-bmp = feet below measuring point

TAIT Environmental Management, Inc

Groundwater Sampling Data Sheet

Project Name: Mission Valley Rock
Project No.: EM5009C
Well Identification: MW - 10d
Measurement Point Description: TOC North

Date: 6-12-07
Prepared By: Michael Schenone
Weather: hot, dry **Screen:**
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
NA	7.13	19.38	12.25	NA	1.96	5.88	-	-

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: Horiba, 2 stage pump
Purge Method: 2 stage pump
Well Condition: Good

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
1620		0			7.27	18.8	45.9	0.30	4.73	-147	clear
		2			7.64	17.5	86.4	0.38	2.21	-155	↓
		4			7.65	17.5	103	0.38	1.95	-155	
1637		6			7.66	17.6	182	0.38	1.79	-155	murky

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
1620	1637	0.35	6.0	3.06	9.58	1641	1641	

Notes:

7.85

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

TAIT Environmental Management, Inc

Groundwater Sampling Data Sheet

Project Name: Mission Valley Rock	**Date:** 6-13-07
Project No.: EM5009C	**Prepared By:** Michael Schenone
Well Identification: MW-11d	**Weather:** hot, dry **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
NA	6.14	20.50	14.36	NA	2.30	6.89	-	-

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: Horiba, 2 stage pump
Purge Method: 2 stage pump
Well Condition: Good

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
910		0			8.53	18.6	OVER	0.17	7.55	-61	sheen/odor
		2			8.35	18.4	OVER	0.17	7.07	-84	murky
		4			8.00	18.5	OVER	0.17	6.17	-89	
		6			7.60	18.4	OVER	0.17	4.99	-91	
		7			7.53	18.4	668	0.17	4.28	-98	
		* 8			7.49	18.4	464	0.17	1.83	-98	
928		* 9			7.45	18.4	282	0.17	1.79	-99	

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
910	928	0.5	9.0	3.91	9.01	7.24	934	

Notes: * waiting for well water to stabilize (pH)

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

TAIT Environmental Management, Inc

Groundwater Sampling Data Sheet

Project Name: Mission Valley Rock
Project No.: EM5009C
Well Identification: MW-10d
Measurement Point Description: TOC North

Date: 6-13-07
Prepared By: Michael Schenone
Weather: hot, dry **Screen:**
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
NA	5.93	29.15	23.22	NA	3.72	11.15	-	-

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: Horiba, 2 stage pump
Purge Method: 2 stage pump
Well Condition: Good

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
951		0			7.38	19.1	106	0.21	2.87	-128	CLEAR
		4			7.52	18.6	112	0.22	2.02	-133	
		8			7.54	18.5	92.8	0.21	1.73	-135	
1000		12			7.56	18.5	101	0.21	1.72	-137	

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
951	1000	1.33	12.0	3.23	10.57	6.84	1006	

Notes:

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

TAIT Environmental Management, Inc

Groundwater Sampling Data Sheet

Project Name: Mission Valley Rock
Project No.: EM5009C
Well Identification: MW-9d
Measurement Point Description: TOC North

Date: 6-13-07
Prepared By: Michael Schenone
Weather: hot, dry **Screen:**
Pump Intake: 19'

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
NA	5.19	24.28	19.09	NA	3.05	9.16	-	-

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: Horiba, 2 stage pump
Purge Method: 2 stage pump
Well Condition: Good

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
1024		0			7.49	18.2	OVER	0.24	3.50	-132	sheen / odor
		3			7.48	18.6	OVER	0.25	2.18	-145	murky
		6			7.49	18.3	OVER	0.25	2.03	-140	↓
		9			7.49	17.9	OVER	0.24	1.69	-150	
1044		* 10			7.49	17.8	OVER	0.24	1.68	-151	

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
1024	1044	0.5	10.0	3.28	9.00	6.92	1048	

Notes: * waiting for well water to stabilize (TEMP)

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

TAIT Environmental Management, Inc

Groundwater Sampling Data Sheet

Project Name: Mission Valley Rock
Project No.: EM5009C
Well Identification: MW-7d
Measurement Point Description: TOC North

Date: 6-13-07
Prepared By: Michael Schenone
Weather: hot, dry
Screen:
Pump Intake: 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
NA	4.95	23.61	18.66	NA	2.99	8.96	-	-

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: Horiba, 2 stage pump
Purge Method: 2 stage pump
Well Condition: Good

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
1113		0			7.52	18.0	OVER	0.19	4.33	-159	Murky
		3			7.48	18.0	OVER	0.18	1.79	-163	
		6			7.48	18.0	OVER	0.18	1.76	-162	
1130		9			7.49	18.0	OVER	0.18	1.74	-163	

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
1113	1130	0.53	9.0	3.01	8.68	*8.68	1135	

Notes: *waiting for well to recharge

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

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

Chain of Custody Record

Client: [illegible] Date: [illegible] Page: 1 Of 2

Address: [illegible] Project Name: [illegible]

Phone: [illegible] Fax: [illegible] Collector: [illegible] Client Project #: [illegible]

Project Manager: [illegible] ~~Batch #:~~ [illegible]

COC 72710

Sample ID	Date Sampled	Time	Sample Type	Container Type	8260	8260 + OXY	8260 BTEX, OXY only	8270	8021 BTEX	8015M (gasoline)	8015M (diesel)	8015M Ext./Carbon Chain	6010/7000 Title 22 Metals					Laboratory ID #	Comments/Preservative	Total # of containers
MW-11S	6-11-07	1331	GRAB	VOA			X			X	X									
MW-14d		1404					X			X	X									
MW-5S		1737					X			X	X									
MW-7S		1455					X			X	X									
MW-9		1525					X			X	X									
MW-11LF		1602					X			X	X									
MW-12S		1800					X			X	X									
MW-12d		1457					X			X	X									
MW-12LF		1730					X			X	X									
EQUIP 1		1758					X			X	X									
MW-5d	6-12-07	735					X			X	X									
MW-3		1004					X			X	X									
MW-10S		1045					X			X	X									
MW-2d		1110					X			X	X									
MW-2M		1137					X			X	X									

Relinquished by: (signature)	Date / Time	Received by: (signature)	Date / Time
[illegible]	6/14/07 1312	[illegible]	6/14/07 1312
Relinquished by: (signature)	Date / Time	Received by: (signature)	Date / Time
Relinquished by: (signature)	Date / Time	Received by: (signature)	Date / Time

Total # of containers 75/145

Chain of Custody seals Y/N/NA

Seals intact? Y/N/NA

Received good condition/cold

Turn around time: STANDARD 5-DAY

Notes

[illegible] E.S.F

Sample disposal Instructions: Disposal @ $2.00 each ____ Return to client ____ Pickup ____

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

Chain of Custody Record

Client: [illegible]
Address: [illegible]
Phone: [illegible] Fax: [illegible]
Project Manager: [illegible]

Date: 6-13-07 Page: 2 Of 2
Project Name: [illegible]
Collector: [illegible] Client Project #: [illegible]
~~Batch~~ #: [illegible]

COC 72711

Sample ID	Date Sampled	Time	Sample Type	Container Type	8260	8260 + OXY	8260 BTEX, OXY only	8270	8021 BTEX	8015M (gasoline)	8015M (diesel)	8015M Ext./Carbon Chain	6010/7000 Title 22 Metals					Laboratory ID #	Comments/Preservative	Total # of containers
MW-13	6-12-07	1204	Grab	VOA			X			X	X									
MW-14S		1213					X			X	X									
MW-14D		1316					X			X	X									
MW-1		1355					X			X	X									
MW-7F		1455					X			X	X									
MW-2		1545					X			X	X									
MW-11S		1606					X			X	X									
MW-10d		1641					X			X	X									
EQUIP 2		1707					X			X	X									
[illegible]	6-13-07	934					X			X	X									
MW-6d		1016					X			X	X									
MW-9d		1040					X			X	X									
MW-7d		1135					X			X	X									
EQUIP 3		1213					X			X	X									

Relinquished by: (signature)	Date / Time	Received by: (signature)	Date / Time
[illegible]	6-14-07 / 1312	[illegible]	6/14/07 1312
Relinquished by: (signature)	Date / Time	Received by: (signature)	Date / Time
Relinquished by: (signature)	Date / Time	Received by: (signature)	Date / Time

Total # of containers: 70/145
Chain of Custody seals Y/N/NA:
Seals intact? Y/N/NA:
Received good condition/cold:

Notes: [illegible]

Turn around time: STANDARD 5-DAY

Sample disposal Instructions: Disposal @ $2.00 each ___ Return to client ___ Pickup ___

APPENDIX C

CERTIFICATE OF DISPOSAL

IWM, Inc.

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 Sunol, CA 94586	Address:	7999 Athenour Way 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

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:	700 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)

7/2/07
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
Laboratory Director

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

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.

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.

Albert Vargas

Albert Vargas For John Shepler, Laboratory Director

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

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.

Albert Vargas For John Shepler, Laboratory Director

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

MW-4s

T700784-01(Water)

SunStar Laboratories, Inc.

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Purgeable Petroleum Hydrocarbons by EPA 8015m										
C6-C12 (GRO)	ND		50	ug/l	1	7061913	06/19/07	06/20/07	EPA 8015m	
Surrogate: 4-Bromofluorobenzene			*91.8 %*	*65-135*		"	"	"	"	
Extractable Petroleum Hydrocarbons 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 %*	*65-135*		"	"	"	"	
Volatile Organic Compounds by EPA Method 8260B										
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 %*	*85-115*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene			*99.1 %*	*84-118*		"	"	"	"	
Surrogate: Dibromofluoromethane			*82.1 %*	*66-124*		"	"	"	"	

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

MW-4d

T700784-02(Water)

Analyte	Result	MDL	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	7061913	06/19/07	06/20/07	EPA 8015m	
Surrogate: 4-Bromofluorobenzene			*97.6 %*	*65-135*		"	"	"	"	
Extractable Petroleum Hydrocarbons 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 %*	*65-135*		"	"	"	"	
Volatile Organic Compounds by EPA Method 8260B										
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 %*	*85-115*		"	"	"	"	
Surrogate: Dibromofluoromethane			*80.5 %*	*66-124*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene			*98.5 %*	*84-118*		"	"	"	"	

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.

Albert Vargas

Albert Vargas For John Shepler, Laboratory Director

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

MW-5s

T700784-03(Water)

Analyte	Result	MDL	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	7061913	06/19/07	06/21/07	EPA 8015m	
Surrogate: 4-Bromofluorobenzene			*90.5 %*	*65-135*		"	"	"	"	
Extractable Petroleum Hydrocarbons 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 %*	*65-135*		"	"	"	"	
Volatile Organic Compounds by EPA Method 8260B										
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 %*	*85-115*		"	"	"	"	
Surrogate: Dibromofluoromethane			*84.4 %*	*66-124*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene			*99.1 %*	*84-118*		"	"	"	"	

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

MW-7s

T700784-04(Water)

SunStar Laboratories, Inc.

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Purgeable Petroleum Hydrocarbons by EPA 8015m										
C6-C12 (GRO)	**64**		50	ug/l	1	7061913	06/19/07	06/21/07	EPA 8015m	
Surrogate: 4-Bromofluorobenzene			*90.1 %*	*65-135*		"	"	"	"	
Extractable Petroleum Hydrocarbons 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			*105 %*	*65-135*		"	"	"	"	
Volatile Organic Compounds by EPA Method 8260B										
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	"	"	"	"	"	"	
Surrogate: Toluene-d8			*99.9 %*	*85-115*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene			*99.1 %*	*84-118*		"	"	"	"	
Surrogate: Dibromofluoromethane			*82.5 %*	*66-124*		"	"	"	"	

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

MW-8

T700784-05(Water)

Analyte	Result	MDL	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	7061913	06/19/07	06/21/07	EPA 8015m	
Surrogate: 4-Bromofluorobenzene			*93.0 %*	*65-135*		"	"	"	"	
Extractable Petroleum Hydrocarbons 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			*90.5 %*	*65-135*		"	"	"	"	
Volatile Organic Compounds by EPA Method 8260B										
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	"	"	"	"	"	"	
Benzene	ND		0.50	"	"	"	"	"	"	
Di-isopropyl ether	ND		2.0	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane			*85.5 %*	*66-124*		"	"	"	"	
Surrogate: Toluene-d8			*100 %*	*85-115*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene			*98.8 %*	*84-118*		"	"	"	"	

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

MW-11 LF

T700784-06(Water)

SunStar Laboratories, Inc.

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Purgeable Petroleum Hydrocarbons by EPA 8015m										
C6-C12 (GRO)	ND		50	ug/l	1	7061913	06/19/07	06/21/07	EPA 8015m	
Surrogate: 4-Bromofluorobenzene			*92.9 %*	*65-135*		"	"	"	"	
Extractable Petroleum Hydrocarbons 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 %*	*65-135*		"	"	"	"	
Volatile Organic Compounds by EPA Method 8260B										
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 %*	*85-115*		"	"	"	"	
Surrogate: Dibromofluoromethane			*83.9 %*	*66-124*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene			*99.1 %*	*84-118*		"	"	"	"	

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

MW-12s

T700784-07(Water)

Analyte	Result	MDL	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	7061913	06/19/07	06/21/07	EPA 8015m	
Surrogate: 4-Bromofluorobenzene			*91.8 %*	*65-135*		"	"	"	"	
Extractable Petroleum Hydrocarbons 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			*89.3 %*	*65-135*		"	"	"	"	
Volatile Organic Compounds by EPA Method 8260B										
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	"	"	"	"	"	"	
Surrogate: Toluene-d8			*99.8 %*	*85-115*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene			*98.5 %*	*84-118*		"	"	"	"	
Surrogate: Dibromofluoromethane			*85.5 %*	*66-124*		"	"	"	"	

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

MW-12d

T700784-08(Water)

SunStar Laboratories, Inc.

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Purgeable Petroleum Hydrocarbons by EPA 8015m										
C6-C12 (GRO)	ND		50	ug/l	1	7061913	06/19/07	06/21/07	EPA 8015m	
Surrogate: 4-Bromofluorobenzene			*94.1 %*	*65-135*		"	"	"	"	
Extractable Petroleum Hydrocarbons 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 %*	*65-135*		"	"	"	"	
Volatile Organic Compounds by EPA Method 8260B										
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	"	"	"	"	"	"	
Surrogate: Toluene-d8			*99.1 %*	*85-115*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene			*95.6 %*	*84-118*		"	"	"	"	
Surrogate: Dibromofluoromethane			*85.2 %*	*66-124*		"	"	"	"	

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Albert Vargas

Albert Vargas For John Shepler, Laboratory Director

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

MW-12 LF

T700784-09(Water)

SunStar Laboratories, Inc.

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Purgeable Petroleum Hydrocarbons by EPA 8015m										
C6-C12 (GRO)	ND		50	ug/l	1	7061913	06/19/07	06/21/07	EPA 8015m	
Surrogate: 4-Bromofluorobenzene			*89.9 %*	*65-135*		"	"	"	"	
Extractable Petroleum Hydrocarbons 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			*78.8 %*	*65-135*		"	"	"	"	
Volatile Organic Compounds by EPA Method 8260B										
Tert-amyl methyl ether	ND		2.0	ug/l	1	7061911	06/19/07	06/19/07	EPA 8260B	
Tert-butyl alcohol	ND		10	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND		2.0	"	"	"	"	"	"	
Methyl tert-butyl ether	ND		1.0	"	"	"	"	"	"	
m,p-Xylene	ND		1.0	"	"	"	"	"	"	
Ethylbenzene	ND		0.50	"	"	"	"	"	"	
o-Xylene	ND		0.50	"	"	"	"	"	"	
Di-isopropyl ether	ND		2.0	"	"	"	"	"	"	
Toluene	ND		0.50	"	"	"	"	"	"	
Benzene	ND		0.50	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane			*86.4 %*	*66-124*		"	"	"	"	
Surrogate: Toluene-d8			*99.0 %*	*85-115*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene			*98.4 %*	*84-118*		"	"	"	"	

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

EQUIP 1

T700784-10(Water)

SunStar Laboratories, Inc.

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Purgeable Petroleum Hydrocarbons by EPA 8015m										
C6-C12 (GRO)	**59**		50	ug/l	1	7061913	06/19/07	06/21/07	EPA 8015m	
Surrogate: 4-Bromofluorobenzene			*91.2 %*	*65-135*		"	"	"	"	
Extractable Petroleum Hydrocarbons 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			*71.6 %*	*65-135*		"	"	"	"	
Volatile Organic Compounds by EPA Method 8260B										
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 %*	*85-115*		"	"	"	"	
Surrogate: Dibromofluoromethane			*85.8 %*	*66-124*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene			*97.2 %*	*84-118*		"	"	"	"	

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

MW-5d

T700784-11(Water)

SunStar Laboratories, Inc.

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Purgeable Petroleum Hydrocarbons by EPA 8015m										
C6-C12 (GRO)	ND		50	ug/l	1	7061913	06/19/07	06/21/07	EPA 8015m	
Surrogate: 4-Bromofluorobenzene			*86.1 %*	*65-135*		"	"	"	"	
Extractable Petroleum Hydrocarbons 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 %*	*65-135*		"	"	"	"	
Volatile Organic Compounds by EPA Method 8260B										
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 %*	*66-124*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene			*97.8 %*	*84-118*		"	"	"	"	
Surrogate: Toluene-d8			*99.5 %*	*85-115*		"	"	"	"	

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

MW-3

T700784-12(Water)

Analyte	Result	MDL	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	7061913	06/19/07	06/21/07	EPA 8015m	
Surrogate: 4-Bromofluorobenzene			*93.7 %*	*65-135*		"	"	"	"	
Extractable Petroleum Hydrocarbons 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 %*	*65-135*		"	"	"	"	
Volatile Organic Compounds by EPA Method 8260B										
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 %*	*84-118*		"	"	"	"	
Surrogate: Dibromofluoromethane			*85.8 %*	*66-124*		"	"	"	"	
Surrogate: Toluene-d8			*102 %*	*85-115*		"	"	"	"	

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Albert Vargas

Albert Vargas For John Shepler, Laboratory Director

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

MW-10s

T700784-13(Water)

Analyte	Result	MDL	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	7061914	06/19/07	06/21/07	EPA 8015m	
Surrogate: 4-Bromofluorobenzene			*94.3 %*	*65-135*		"	"	"	"	
Extractable Petroleum Hydrocarbons 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 %*	*65-135*		"	"	"	"	
Volatile Organic Compounds by EPA Method 8260B										
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 %*	*66-124*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene			*96.9 %*	*84-118*		"	"	"	"	
Surrogate: Toluene-d8			*100 %*	*85-115*		"	"	"	"	

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

MW-2d

T700784-14(Water)

SunStar Laboratories, Inc.

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Purgeable Petroleum Hydrocarbons by EPA 8015m										
C6-C12 (GRO)	**140**		50	ug/l	1	7061914	06/19/07	06/21/07	EPA 8015m	
Surrogate: 4-Bromofluorobenzene			*97.4 %*	*65-135*		"	"	"	"	
Extractable Petroleum Hydrocarbons 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			*74.9 %*	*65-135*		"	"	"	"	
Volatile Organic Compounds by EPA Method 8260B										
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 %*	*85-115*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene			*100 %*	*84-118*		"	"	"	"	
Surrogate: Dibromofluoromethane			*87.0 %*	*66-124*		"	"	"	"	

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

MW-2m

T700784-15(Water)

SunStar Laboratories, Inc.

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Purgeable Petroleum Hydrocarbons by EPA 8015m										
C6-C12 (GRO)	**290**		50	ug/l	1	7061914	06/19/07	06/21/07	EPA 8015m	
Surrogate: 4-Bromofluorobenzene			*102 %*	*65-135*		"	"	"	"	
Extractable Petroleum Hydrocarbons by 8015m										
Diesel Range Hydrocarbons	**0.35**	0.098	0.50	mg/l	1	7061902	06/19/07	06/19/07	EPA 8015m	D-03, J
Surrogate: p-Terphenyl			*79.1 %*	*65-135*		"	"	"	"	
Volatile Organic Compounds by EPA Method 8260B										
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 %*	*66-124*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene			*100 %*	*84-118*		"	"	"	"	
Surrogate: Toluene-d8			*99.8 %*	*85-115*		"	"	"	"	

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Albert Vargas For John Shepler, Laboratory Director

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

MW-9s

T700784-16(Water)

SunStar Laboratories, Inc.

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Purgeable Petroleum Hydrocarbons by EPA 8015m										
C6-C12 (GRO)	**210**		50	ug/l	1	7061914	06/19/07	06/21/07	EPA 8015m	
Surrogate: 4-Bromofluorobenzene			*98.1 %*	*65-135*		"	"	"	"	
Extractable Petroleum Hydrocarbons 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			*86.9 %*	*65-135*		"	"	"	"	
Volatile Organic Compounds by EPA Method 8260B										
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 %*	*84-118*		"	"	"	"	
Surrogate: Toluene-d8			*100 %*	*85-115*		"	"	"	"	
Surrogate: Dibromofluoromethane			*85.6 %*	*66-124*		"	"	"	"	

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Albert Vargas For John Shepler, Laboratory Director

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

MW-6s

T700784-17(Water)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.										
Purgeable Petroleum Hydrocarbons by EPA 8015m										
C6-C12 (GRO)	**1200**		50	ug/l	1	7061914	06/19/07	06/21/07	EPA 8015m	
Surrogate: 4-Bromofluorobenzene			*102 %*	*65-135*		"	"	"	"	
Extractable Petroleum Hydrocarbons by 8015m										
Diesel Range Hydrocarbons	**0.49**	0.098	0.50	mg/l	1	7061902	06/19/07	06/19/07	EPA 8015m	J
Surrogate: p-Terphenyl			*90.8 %*	*65-135*		"	"	"	"	
Volatile Organic Compounds by EPA Method 8260B										
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	"	"	"	"	"	"	
Ethylbenzene	**1.6**		0.50	"	"	"	"	"	"	
Surrogate: 4-Bromofluorobenzene			*100 %*	*84-118*		"	"	"	"	
Surrogate: Dibromofluoromethane			*84.4 %*	*66-124*		"	"	"	"	
Surrogate: Toluene-d8			*100 %*	*85-115*		"	"	"	"	

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

MW-10 LF

T700784-18(Water)

SunStar Laboratories, Inc.

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Purgeable Petroleum Hydrocarbons by EPA 8015m										
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 Hydrocarbons by 8015m										
Diesel Range Hydrocarbons	**0.26**	0.098	0.50	mg/l	1	7061902	06/19/07	06/19/07	EPA 8015m	J
Surrogate: p-Terphenyl			*101 %*	*65-135*		"	"	"	"	
Volatile Organic Compounds by EPA Method 8260B										
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 %*	*66-124*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene			*99.9 %*	*84-118*		"	"	"	"	
Surrogate: Toluene-d8			*100 %*	*85-115*		"	"	"	"	

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Albert Vargas

Albert Vargas For John Shepler, Laboratory Director

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

MW-1

T700784-19(Water)

SunStar Laboratories, Inc.

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Purgeable Petroleum Hydrocarbons by EPA 8015m										
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 Hydrocarbons 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 %*	*65-135*		"	"	"	"	
Volatile Organic Compounds by EPA Method 8260B										
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	"	"	"	"	"	"	
Surrogate: 4-Bromofluorobenzene			*99.8 %*	*84-118*		"	"	"	"	
Surrogate: Dibromofluoromethane			*83.1 %*	*66-124*		"	"	"	"	
Surrogate: Toluene-d8			*99.9 %*	*85-115*		"	"	"	"	

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Albert Vargas For John Shepler, Laboratory Director

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

MW-9 LF

T700784-20(Water)

SunStar Laboratories, Inc.

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Purgeable Petroleum Hydrocarbons by EPA 8015m										
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 Hydrocarbons 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			*75.7 %*	*65-135*		"	"	"	"	
Volatile Organic Compounds by EPA Method 8260B										
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	"	"	"	"	"	"	
Di-isopropyl ether	ND		2.0	"	"	"	"	"	"	
Benzene	**14**		0.50	"	"	"	"	"	"	
Surrogate: Toluene-d8			*98.6 %*	*85-115*		"	"	"	"	
Surrogate: Dibromofluoromethane			*83.2 %*	*66-124*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene			*98.8 %*	*84-118*		"	"	"	"	

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Albert Vargas For John Shepler, Laboratory Director

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

MW-2s

T700784-21(Water)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.										
Purgeable Petroleum Hydrocarbons by EPA 8015m										
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 Hydrocarbons 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 8260B										
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	"	"	"	"	"	"	
Surrogate: Toluene-d8			*98.5 %*	*85-115*		"	"	"	"	
Surrogate: Dibromofluoromethane			*90.9 %*	*66-124*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene			*100 %*	*84-118*		"	"	"	"	

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

MW-11s

T700784-22(Water)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.										
Purgeable Petroleum Hydrocarbons by EPA 8015m										
C6-C12 (GRO)	**1800**		50	ug/l	1	7061914	06/19/07	06/21/07	EPA 8015m	
Surrogate: 4-Bromofluorobenzene			*111 %*	*65-135*		"	"	"	"	
Extractable Petroleum Hydrocarbons 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 %*	*65-135*		"	"	"	"	
Volatile Organic Compounds by EPA Method 8260B										
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	"	"	"	"	"	"	
Benzene	ND		0.50	"	"	"	"	"	"	
Surrogate: 4-Bromofluorobenzene			*99.2 %*	*84-118*		"	"	"	"	
Surrogate: Dibromofluoromethane			*83.9 %*	*66-124*		"	"	"	"	
Surrogate: Toluene-d8			*99.1 %*	*85-115*		"	"	"	"	

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Albert Vargas For John Shepler, Laboratory Director

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

MW-10d

T700784-23(Water)

SunStar Laboratories, Inc.

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Purgeable Petroleum Hydrocarbons by EPA 8015m										
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 Hydrocarbons 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 8260B										
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 %*	*85-115*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene			*99.5 %*	*84-118*		"	"	"	"	
Surrogate: Dibromofluoromethane			*81.9 %*	*66-124*		"	"	"	"	

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

EQUIP 2

T700784-24(Water)

SunStar Laboratories, Inc.

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Purgeable Petroleum Hydrocarbons by EPA 8015m										
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 Hydrocarbons 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 8260B										
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 %*	*85-115*		"	"	"	"	
Surrogate: Dibromofluoromethane			*80.9 %*	*66-124*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene			*99.9 %*	*84-118*		"	"	"	"	

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

MW-11d

T700784-25(Water)

SunStar Laboratories, Inc.

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Purgeable Petroleum Hydrocarbons by EPA 8015m										
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 Hydrocarbons 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 %*	*65-135*		"	"	"	"	
Volatile Organic Compounds by EPA Method 8260B										
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 %*	*85-115*		"	"	"	"	
Surrogate: Dibromofluoromethane			*84.9 %*	*66-124*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene			*105 %*	*84-118*		"	"	"	"	

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

MW-6d

T700784-26(Water)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.										
Purgeable Petroleum Hydrocarbons by EPA 8015m										
C6-C12 (GRO)	**180**		50	ug/l	1	7061914	06/19/07	06/21/07	EPA 8015m	
Surrogate: 4-Bromofluorobenzene			*107 %*	*65-135*		"	"	"	"	
Extractable Petroleum Hydrocarbons 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 %*	*65-135*		"	"	"	"	
Volatile Organic Compounds by EPA Method 8260B										
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 %*	*84-118*		"	"	"	"	
Surrogate: Toluene-d8			*98.8 %*	*85-115*		"	"	"	"	
Surrogate: Dibromofluoromethane			*81.6 %*	*66-124*		"	"	"	"	

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

MW-9d

T700784-27(Water)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.										
Purgeable Petroleum Hydrocarbons by EPA 8015m										
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 Hydrocarbons 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 8260B										
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.

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.

Albert Vargas

Albert Vargas For John Shepler, Laboratory Director

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

MW-7d

T700784-28(Water)

SunStar Laboratories, Inc.

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Purgeable Petroleum Hydrocarbons by EPA 8015m										
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 Hydrocarbons by 8015m										
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 by EPA Method 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	"	50	"	"	06/20/07	"	
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*

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

EQUIP 3

T700784-29(Water)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.										
Purgeable Petroleum Hydrocarbons by EPA 8015m										
C6-C12 (GRO)	**830**		50	ug/l	1	7061914	06/19/07	06/21/07	EPA 8015m	
Surrogate: 4-Bromofluorobenzene			*114 %*	*65-135*		"	"	"	"	
Extractable Petroleum Hydrocarbons by 8015m										
Diesel Range Hydrocarbons	**0.38**	0.098	0.50	mg/l	1	7061903	06/19/07	06/20/07	EPA 8015m	J
Surrogate: p-Terphenyl			*108 %*	*65-135*		"	"	"	"	
Volatile Organic Compounds by EPA Method 8260B										
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 %*	*66-124*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene			*96.8 %*	*84-118*		"	"	"	"	
Surrogate: Toluene-d8			*98.0 %*	*85-115*		"	"	"	"	

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	

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 & Analyzed: 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 & Analyzed: 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 & Analyzed: 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 & Analyzed: 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 & Analyzed: 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: 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: 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			

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

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 7061903 - EPA 3510C GC											
Matrix Spike Dup (7061903-MSD1)		**Source: T700784-21**			Prepared: 06/19/07		Analyzed: 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	

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

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											
Blank (7061911-BLK1)				Prepared & Analyzed: 06/19/07							
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	"							
Methyl tert-butyl ether	ND		1.0	"							
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			
LCS Dup (7061911-BSD1)				Prepared & Analyzed: 06/19/07							
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.

Albert Vargas

Albert Vargas For John Shepler, Laboratory Director

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

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 7061912 - EPA 5030 GCMS											
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: 06/19/07 Analyzed: 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: 06/19/07 Analyzed: 06/20/07						
Surrogate: 4-Bromofluorobenzene	*8.05*			*ug/l*	*8.00*		*101*	*84-118*			
Surrogate: Dibromofluoromethane	*7.06*			*"*	*8.00*		*88.2*	*66-124*			
Surrogate: Toluene-d8	*7.90*			*"*	*8.00*		*98.8*	*85-115*			
Benzene	17.9		0.50	"	20.0		89.4	75-125	3.57	20	
Toluene	18.2		0.50	"	20.0		91.1	75-125	3.24	20	

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

T700784

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

Chain of Custody Record

Client: TAIT ENVIRONMENTAL MANAGEMENT Date: 6-13-07 Page: 1 Of 2
Address: 11280 Trade Center Drive Project Name: Mission Valley Rock
Phone: (916) 764-1239 Fax: (916) 858-1011 Collector: Mike Schenone Client Project #: EM5009C
Project Manager: Mike Schenone / Paul McCarter ~~Batch~~ EDF #: TO6000102092 COC 72710

Sample ID	Date Sampled	Time	Sample Type	Container Type	8260	8260 + OXY	8260 BTEX, OXY only	8270	8021 BTEX	8015M (gasoline)	8015M (diesel)	8015M Ext./Carbon Chain	6010/7000 Title 22 Metals					Laboratory ID #	Comments/Preservative	Total # of containers
MW-4S	6-11-07	1331	GRAB	VOA			X			X	X							01		5
MW-4d		1404					X			X	X							02		
MW-5S		1747					X			X	X							03		
MW-7S		1455					X			X	X							04		
MW-8		1525					X			X	X							05		
MW-11LF		1602					X			X	X							06		
MW-12S		1800					X			X	X							07		
MW-12d		1657					X			X	X							08		
MW-12LF		1730					X			X	X							09		
EQUIP 1		1758					X			X	X							10		
MW-5d	6-12-07	935					X			X	X							11		
MW-3		1004					X			X	X							12		
MW-10S		1045					X			X	X							13		
MW-2d		1110					X			X	X							14		
MW-2M		1137					X			X	X							15		

Relinquished by: (signature)	Date / Time	Received by: (signature)	Date / Time
Michael Schenone	6/14/07 1312		6/14/07 1312
Relinquished by: (signature)	Date / Time	Received by: (signature)	Date / Time
GSO	6/16/07 09:30		6/16/07 09:30
Relinquished by: (signature)	Date / Time	Received by: (signature)	Date / Time

Total # of containers: 75 / 145
Chain of Custody seals: Y/N/NA Y
Seals intact? Y/N/NA Y
Received good condition/cold: 1.2°

Notes: Provide EDF

Turn around time: ~~STANDARD~~ 5-DAY

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 Environmental Management
Address: 11280 Trade Center Drive
Phone: (916) 764-1239 Fax: (916) 858-1011
Project Manager: Mike Schenone / Paul McCarter

Date: 6-13-07 Page: 2 Of 2
Project Name: Mission Valley Rock
Collector: Mike Schenone Client Project #: EM5009C
~~Batch~~ EDF #: T0600102092

COC 72711

Sample ID	Date Sampled	Time	Sample Type	Container Type	8260	8260 + OXY	8260 BTEX, OXY only	8270	8021 BTEX	8015M (gasoline)	8015M (diesel)	8015M Ext./Carbon Chain	6010/7000 Title 22 Metals					Laboratory ID #	Comments/Preservative	Total # of containers
MW-9S	6-12-07	1204	GRAB	VOA			X			X	X							16		
MW-6S		1243					X			X	X							17		
MW-10LF		1316					X			X	X							18		
MW-1		1355					X			X	X							19		
MW-9LF		1455					X			X	X							20		
MW-2S		1545					X			X	X							21		
MW-11S		1606					X			X	X							22		
MW-10d		1641					X			X	X							23		
EQUIP 2		1707					X			X	X							24		
MW-11d	6-13-07	934					X			X	X							25		
MW-6d		1006					X			X	X							26		
MW-9d		1048					X			X	X							27		
MW-7d		1135					X			X	X							28		
EQUIP 3		1213					X			X	X							29		

Relinquished by: (signature)	Date / Time	Received by: (signature)	Date / Time
Michael Schenone	6-14-07 / 1312	[signature]	6/14/07 1312
GSO	6/16/07 09:30	[signature]	6/16/07 09:30

Total # of containers: 70/145
Chain of Custody seals Y/N/NA: Y
Seals intact? Y/N/NA: Y
Received good condition/cold: 1.2c

Notes: Provide EDF

Turn around time: STANDARD 5-Day

Sample disposal Instructions: Disposal @ $2.00 each ____ Return to client ____ Pickup ____